

| (1)<br>No.  | (2)<br>Name and Location           | (3)<br>Position                 | (4)<br>Characteristic  | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks   |
|---|------------------------------------|---------------------------------|------------------------|---------------|--------------|--|--|
| <b>ST. LAWRENCE RIVER</b>   |                                    |                                 |                        |               |              |  |  |
| <b>ILE ST. REGIS TO/A CROIL ISLANDS (Chart 1433)(C)</b>   |                                    |                                 |                        |               |              |  |  |
| <b>St. Lawrence Seaway</b>  |                                    |                                 |                        |               |              |  |  |
| <i>Aids listed S.L.S.D.C. in the remarks section are operated and maintained by the St. Lawrence Seaway Development Corporation pursuant to an agreement with the U.S. Coast Guard authorized under 14 USC 81. Lighted buoys are set out in the spring as early as ice conditions permit and are maintained until ice conditions require their removal in the fall.</i> |                                    |                                 |                        |               |              |  |  |
| 5   | - Lighted Buoy 1                   | 45-00-13.840N<br>074-40-05.670W | FI G 4s                |               |              | Green.   | Spar; winter marker.<br><br>Aid maintained by S.L.S.D.C.   |
| 10  | - LIGHT 2 (C)                      | 45-00-12.000N<br>074-40-30.000W | Q R                    | 40<br>12      |              | White circular tower, red top.                                     | Seasonal.  |
| 15  | - Lighted Buoy 3                   | 44-59-57.580N<br>074-40-28.260W | Q G                    |               |              | Green.   | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.   |
| 20  | - LIGHT 4 (C)                      | 45-00-06.000N<br>074-41-00.000W | FI R 4s                | 40<br>12      |              | White circular tower, red top.                                     | Seasonal.  |
| 25  | - Lighted Buoy 5                   | 44-59-53.700N<br>074-40-58.400W | FI G 4s                |               |              | Green.   | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.   |
| 30  | - Lighted Buoy 5A                  | 44-59-56.100N<br>074-41-21.800W | FI G 4s                |               |              | Green.   | Winter marker.<br>Aid maintained by S.L.S.D.C.   |
| 35  | - Lighted Buoy 5B                  | 44-59-58.400N<br>074-41-44.700W | FI G 4s                |               |              | Green.   | Aid maintained by S.L.S.D.C.   |
| 40  | - Lighted Buoy 6                   | 45-00-00.400N<br>074-41-20.800W | FI R 4s                |               |              | Red.   | Winter marker.<br>Aid maintained by S.L.S.D.C.   |
| 45  | - Lighted Buoy 6A                  | 45-00-02.800N<br>074-41-43.700W | FI R 4s                |               |              | Red.   | Aid maintained by S.L.S.D.C.   |
| 50  | - Lighted Buoy 7                   | 45-00-00.700N<br>074-42-07.300W | FI G 4s                |               |              | Green.   | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.   |
| 55  | - Lighted Buoy 8                   | 45-00-05.100N<br>074-42-06.600W | FI R 4s                |               |              | Red.   | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.   |
| 60  | - Lighted Buoy 9                   | 44-59-58.900N<br>074-42-38.700W | FI G 4s                |               |              | Green.   | Aid maintained by S.L.S.D.C.   |
| 65  | - LIGHT 10 SECTOR (C)              | 45-00-06.000N<br>074-42-54.000W | F W<br>(R & G Sectors) | 54<br>16      |              | White skeleton tower on pile crib with orange triangular day mark. | Red 276° to 277.8°; white 277.8° to 279.3°; green 279.3° to 281°. White sector indicates preferred channel.<br>Seasonal. |
| 66  | - LIGHT 10 DIRECTION (C)           | 45-00-06.000N<br>074-42-54.000W | F R                    | 51<br>16      |              | White skeleton tower on pile crib with orange triangular day mark. | Visible from 044.5° to 051.5°. Increased intensity on a bearing of 048°. Seasonal.                                       |
| 70  | - LIGHT 11                         | 44-59-48.000N<br>074-43-06.000W | FI G 2.5s              | 28<br>9       |              | SG on pile.  | Maintained from Apr. 1 to Dec. 15.<br>Aid maintained by S.L.S.D.C.   |
| 75  | - LIGHT 13                         | 44-59-36.000N<br>074-43-24.000W | FI G 4s                | 28<br>9       |              | SG on pile.  | Maintained from Apr. 1 to Dec. 15.<br>Aid maintained by S.L.S.D.C.   |
| 80  | - Lighted Buoy 14                  | 44-59-25.400N<br>074-44-19.200W | FI R 4s                |               |              | Red.   | Aid maintained by S.L.S.D.C.   |
| 85  | - Lighted Buoy 15                  | 44-59-23.600N<br>074-43-42.400W | Q G                    |               |              | Green.   | Aid maintained by S.L.S.D.C.   |
| 90  | Aluminum Foundry Water Intake Buoy | 44-59-21.000N<br>074-44-02.000W |                        |               |              | Yellow.  | Private aid.   |

| (1)<br>No.  | (2)<br>Name and Location                              | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks  |
|---|---|---------------------------------|-----------------------|---------------|--------------|------------------|---|
| <b>ST. LAWRENCE RIVER</b>   |   |                                 |                       |               |              |                  |   |
| <b>ILE ST. REGIS TO/A CROIL ISLANDS (Chart 1433)(C)</b>   |   |                                 |                       |               |              |                  |   |
| <b>St. Lawrence Seaway</b>  |   |                                 |                       |               |              |                  |   |
| <i>Aids listed S.L.S.D.C. in the remarks section are operated and maintained by the St. Lawrence Seaway Development Corporation pursuant to an agreement with the U.S. Coast Guard authorized under 14 USC 81. Lighted buoys are set out in the spring as early as ice conditions permit and are maintained until ice conditions require their removal in the fall.</i> |   |                                 |                       |               |              |                  |   |
| 95  | - Lighted Buoy 16                                     | 44-59-27.100N<br>074-45-25.600W | FI R 4s               |               |              | Red.             | Aid maintained by S.L.S.D.C.  |
| 100   | - Lighted Buoy 17                                     | 44-59-16.500N<br>074-45-16.300W | FI G 4s               |               |              | Green.           | Aid maintained by S.L.S.D.C.  |
| 105   | POLLY'S GUT TRAINING<br>DIKE EAST END LIGHT A         | 44-59-27.600N<br>074-45-46.200W | Q Y                   | 15<br>5       |              | On white pile.   | Aid maintained by S.L.S.D.C.  |
| 110   | POLLY'S GUT TRAINING<br>DIKE WEST END LIGHT B         | 44-59-27.600N<br>074-45-46.200W | Q Y                   | 6<br>2        |              | On box.          | Maintained from Apr. 1<br>to Dec. 15.<br>Aid maintained by S.L.S.D.C. |
| 115   | POLLY'S GUT TRAINING<br>DIKE A LIGHT C                | 44-59-30.000N<br>074-45-48.000W | Q Y                   | 15<br>5       |              | On white pile.   | Aid maintained by S.L.S.D.C.  |
| 125   | - Buoy 19   | 44-59-14.900N<br>074-46-00.300W |                       |               |              | Green can.       | Aid maintained by S.L.S.D.C.  |
| 130   | - LIGHT 20  | 44-59-24.500N<br>074-45-59.900W | F R                   | 28<br>9       |              | TR on wall.      | Aid maintained by S.L.S.D.C.  |
| 145   | - LIGHT 24  | 44-59-13.900N<br>074-47-10.200W | F R                   | 28<br>9       |              | TR on wall.      | Aid maintained by S.L.S.D.C.  |
| 150   | - LIGHT 25<br>About 75 feet outside<br>channel limit. | 44-59-08.400N<br>074-47-09.300W | FI G 2.5s             | 28<br>9       |              | SG on pile.      | Aid maintained by S.L.S.D.C.  |
| 155   | - Lighted Buoy 26                                     | 44-59-10.590N<br>074-47-35.650W | FI R 4s               |               |              |                  | Aid maintained by S.L.S.D.C.  |
| 160   | - MOORING CELLS LIGHT A                               | 44-59-05.200N<br>074-47-44.300W | F Y                   | 15<br>5       |              |                  | Aid maintained by S.L.S.D.C.  |
| 165   | - MOORING CELLS LIGHT B                               | 44-59-04.300N<br>074-47-53.000W | F Y                   | 15<br>5       |              |                  | Aid maintained by S.L.S.D.C.  |
| 170   | - LIGHT 28<br>About 63 feet outside<br>channel limit. | 44-59-05.700N<br>074-48-31.100W | FI R 4s               | 28<br>9       |              | TR on pile.      | Aid maintained by S.L.S.D.C.  |
| 175   | - LIGHT 29<br>About 73 feet outside<br>channel limit. | 44-59-00.600N<br>074-48-29.700W | FI G 4s               | 28<br>9       |              | SG on pile.      | Aid maintained by S.L.S.D.C.  |
| 180   | - LIGHT 30<br>About 50 feet outside<br>channel limit. | 44-58-58.900N<br>074-49-24.300W | FI R 2.5s             | 28<br>9       |              | TR on pile.      | Aid maintained by S.L.S.D.C.  |
| 185   | - LIGHT 31  | 44-58-53.900N<br>074-49-23.100W | FI G 2.5s             | 28<br>9       |              | SG on cell.      | Aid maintained by S.L.S.D.C.  |
| 190   | - MOORING CELLS LIGHT C                               | 44-58-52.900N<br>074-49-31.700W | F Y                   | 15<br>5       |              |                  | Aid maintained by S.L.S.D.C.  |
| 195   | - Lighted Buoy 32                                     | 44-58-53.500N<br>074-50-02.700W | FI R 4s               |               |              | Red.             | Winter marker.<br>Aid maintained by S.L.S.D.C.                        |
| 205   | - Lighted Buoy 33                                     | 44-58-47.400N<br>074-50-15.600W | FI G 4s               |               |              | Green.           | Year round lighted buoy.<br>Aid maintained by S.L.S.D.C.              |
| 210   | - LIGHT 34  | 44-58-54.000N<br>074-50-30.000W | F R                   | 28<br>9       |              | TR on wall.      | Aid maintained by S.L.S.D.C.  |
| 225   | - LIGHT 38  | 44-58-43.900N<br>074-51-35.200W | F R                   | 28<br>9       |              | TR on wall.      | Aid maintained by S.L.S.D.C.  |
| 235   | - Lighted Buoy 39                                     | 44-58-36.800N<br>074-51-41.900W | FI G 4s               |               |              | Green.           | Aid maintained by S.L.S.D.C.  |
| 240   | - Lighted Buoy 40                                     | 44-58-40.000N<br>074-51-55.000W | FI R 4s               |               |              | Red.             | Winter marker.<br>Aid maintained by S.L.S.D.C.                        |
| 245   | - MOORING CELLS LIGHT D                               | 44-58-25.400N<br>074-52-51.900W | F Y                   | 15<br>5       |              |                  | Aid maintained by S.L.S.D.C.  |

| (1)<br>No.  | (2)<br>Name and Location                              | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks   |
|---|---|---------------------------------|-----------------------|---------------|--------------|------------------|--|
| <b>ST. LAWRENCE RIVER</b>   |   |                                 |                       |               |              |                  |  |
| <b>ILE ST. REGIS TO/A CROIL ISLANDS (Chart 1433)(C)</b>   |   |                                 |                       |               |              |                  |  |
| <b>St. Lawrence Seaway</b>  |   |                                 |                       |               |              |                  |  |
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| 250   | - LIGHT 41  |                                 | FI G 2.5s             | 28<br>9       |              | SG on pile.      | Aid maintained by S.L.S.D.C.   |
| 255   | - LIGHT 42<br>About 55 feet outside<br>channel limit. | 44-58-29.000N<br>074-53-02.000W | FI R 2.5s             | 28<br>9       |              | TR on pile.      | Aid maintained by S.L.S.D.C.   |
| 260   | - LIGHT 43<br>About 55 feet outside<br>channel limit. | 44-58-16.100N<br>074-53-44.400W | FI G 4s               | 28<br>9       |              | SG on pile.      | Aid maintained by S.L.S.D.C.   |
| 265   | - LIGHT 44<br>About 50 feet outside<br>channel limit. | 44-58-21.800N<br>074-53-46.300W | FI R 4s               | 28<br>9       |              | TR on pile.      | Aid maintained by S.L.S.D.C.   |
| 270   | - LIGHT 45<br>About 75 feet outside<br>channel limit. | 44-58-07.300N<br>074-54-37.500W | FI G 2.5s             | 28<br>9       |              | SG on pile.      | Aid maintained by S.L.S.D.C.   |
| 275   | - LIGHT 46<br>About 55 feet outside<br>channel limit. | 44-58-13.000N<br>074-54-39.400W | FI R 2.5s             | 28<br>9       |              | TR on pile.      | Aid maintained by S.L.S.D.C.   |
| 280   | - <i>Lighted Buoy 46A</i>                             | 44-58-07.100N<br>074-55-10.200W | FI R 4s               |               |              | Red.             | Maintained from Apr. 1<br>to Dec. 15.<br>Aid maintained by S.L.S.D.C.  |
| 285   | - LIGHT 47  | 44-57-54.000N<br>074-55-42.000W | FI G 4s               | 28<br>9       |              | SG on cell.      | Maintained from Apr. 15 to<br>Dec. 15.<br>Aid maintained by S.L.S.D.C. |
| 290   | - LIGHT 48<br>About 50 feet outside<br>channel limit. | 44-58-02.000N<br>074-55-45.260W | FI R 4s               | 28<br>9       |              | TR on pile.      | Aid maintained by S.L.S.D.C.   |
| 295   | - <i>Lighted Buoy 48A</i>                             | 44-57-56.700N<br>074-56-12.100W | FI R 4s               |               |              | Red.             | Aid maintained by S.L.S.D.C.   |
| 300   | - <i>Lighted Buoy 49</i>                              | 44-57-49.400N<br>074-56-28.800W | FI G 4s               |               |              | Green.           | Winter marker.<br>Aid maintained by S.L.S.D.C.                         |
| 305   | - <i>Lighted Buoy 50</i>                              | 44-57-50.000N<br>074-56-51.400W | FI R 4s               |               |              | Red.             | Year Round Lighted Buoy<br>Aid maintained by S.L.S.D.C.                |
| 310   | - LIGHT 51  | 44-57-38.200N<br>074-57-32.400W | FI G 4s               | 28<br>9       |              | SG on tower.     | Aid maintained by S.L.S.D.C.   |
| 315   | - <i>Lighted Buoy 52</i>                              | 44-57-42.400N<br>074-57-39.200W | FI R 4s               |               |              | Red.             | Winter marker.<br>Aid maintained by S.L.S.D.C.                         |
| 320   | - LIGHT 54  | 44-57-40.600N<br>074-57-52.200W | FI R 2.5s             | 28<br>9       |              | TR on pile.      | Maintained from Apr. 1 to<br>Dec. 15.<br>Aid maintained by S.L.S.D.C.  |
| 325   | - LIGHT 55<br>About 60 feet outside<br>channel limit. | 44-57-30.000N<br>074-58-06.000W | FI G 2.5s             | 28<br>9       |              | SG on pile.      | Maintained from Apr. 1<br>to Dec. 15.<br>Aid maintained by S.L.S.D.C.  |
| 330   | - <i>Lighted Buoy 56</i>                              | 44-57-38.300N<br>074-58-02.100W | FI R 4s               |               |              | Red.             | Winter marker.<br>Aid maintained by S.L.S.D.C.                         |

| (1)<br>No.  | (2)<br>Name and Location                               | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure        | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|-------------------------|---|
| <b>ST. LAWRENCE RIVER</b>   |  |                                 |                       |               |              |                         |   |
| <b>CROIL ISLAND TO/A CARDINAL (Chart 1434)(C)</b>   |  |                                 |                       |               |              |                         |   |
| <b>St. Lawrence Seaway</b>  |  |                                 |                       |               |              |                         |   |
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| 335   | - LIGHT 57<br>About 125 feet outside<br>channel limit. |                                 | Q G                   | 30<br>9       |              | SG on tower on<br>cell. | Aid maintained by S.L.S.D.C.  |
| <b>Lake St. Lawrence Yacht Club Channel</b>   |  |                                 |                       |               |              |                         |   |
| <i>Buoys maintained from May 1 to Oct. 1.</i>   |  |                                 |                       |               |              |                         |   |
| 336.1   | - Buoy 1   | 44-56-31.000N<br>074-59-57.094W |                       |               |              | Green can.              | Private aid.  |
| 336.15  | - Buoy 2   | 44-56-32.068N<br>074-59-58.052W |                       |               |              | Red nun.                | Private aid.  |
| 336.2   | - Buoy 3   | 44-56-26.000N<br>074-59-56.099W |                       |               |              | Green can.              | Private aid.  |
| 336.25  | - Buoy 4   | 44-56-24.068N<br>074-59-56.055W |                       |               |              | Red nun.                | Private aid.  |
| 336.3   | - Buoy 5   | 44-56-21.000N<br>074-59-59.021W |                       |               |              | Green can.              | Private aid.  |
| 336.35  | - Buoy 6   | 44-56-20.710N<br>075-00-00.034W |                       |               |              | Red nun.                | Private aid.  |
| 336.4   | - Buoy 7   | 44-56-20.029N<br>074-59-57.057W |                       |               |              | Green can.              | Private aid.  |
| 336.45  | - Buoy 8   | 44-56-18.008N<br>074-59-59.018W |                       |               |              | Red nun.                | Private aid.  |
| 336.5   | - Buoy 9   | 44-56-20.350N<br>074-59-54.670W |                       |               |              | Green can.              | Private aid.  |
| 336.55  | - Buoy 10  | 44-56-21.019N<br>074-59-56.090W |                       |               |              | Red nun.                | Private aid.  |
| 336.6   | - Buoy 11  | 44-56-20.270N<br>074-59-52.870W |                       |               |              | Green can.              | Private aid.  |
| 336.65  | - Buoy 12  | 44-56-21.005N<br>074-59-54.350W |                       |               |              | Red nun.                | Private aid.  |
| 340   | - LIGHT 58<br>About 175 feet outside<br>channel limit. | 44-57-04.400N<br>075-00-22.000W | FI R 4s               | 28<br>9       |              | TR on tower on<br>cell. | Maintained from Apr. 1<br>to Dec. 15.<br>Aid maintained by S.L.S.D.C. |
| 345   | CAT ISLAND LEADING LIGHT                               | 44-57-12.000N<br>075-00-24.000W | F W                   |               |              | NB on cells.            | Visible 4° each side of 257.4°<br>Aid maintained by S.L.S.D.C.        |
| 350   | - <i>Lighted Buoy 60</i><br>Marks shoal.               | 44-56-56.900N<br>075-00-30.800W | Q R                   |               |              | Red.                    | Winter marker.<br>Aid maintained by S.L.S.D.C.                        |
| <b>Wilson Hill Small Boat Channel</b>   |  |                                 |                       |               |              |                         |   |
| <i>Buoys maintained from Apr. 30 to Sep. 30.</i>  |  |                                 |                       |               |              |                         |   |
| 351   | - Buoy 1   | 44-56-24.410N<br>075-00-31.065W |                       |               |              | Green can.              | Private aid.  |
| 351.05  | - Buoy 2   | 44-56-23.042N<br>075-00-37.072W |                       |               |              | Red nun.                | Private aid.  |
| 351.1   | - Buoy 3   | 44-56-13.000N<br>075-00-31.000W |                       |               |              | Green can.              | Private aid.  |
| 351.15  | - Buoy 4   | 44-56-13.078N<br>075-00-32.000W |                       |               |              | Red nun.                | Private aid.  |
| 351.2   | - Buoy 5   | 44-56-08.069N<br>075-00-28.078W |                       |               |              | Green can.              | Private aid.  |
| 351.25  | - Buoy 6   | 44-56-10.000N<br>075-00-33.310W |                       |               |              | Red nun.                | Private aid.  |
| 351.3   | - Buoy 7   | 44-56-00.000N<br>075-00-26.000W |                       |               |              | Green can.              | Private aid.  |
| 351.35  | - Buoy 8   | 44-56-03.240N<br>075-00-27.004W |                       |               |              | Red nun.                | Private aid.  |
| 351.4   | - Buoy 9   | 44-55-58.058N<br>075-00-36.062W |                       |               |              | Green can.              | Private aid.  |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks   |
|---|--|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>ST. LAWRENCE RIVER</b>   |  |                                 |                       |               |              |  |  |
| <b>CROIL ISLAND TO/A CARDINAL (Chart 1434)(C)</b>   |  |                                 |                       |               |              |  |  |
| <b>St. Lawrence Seaway</b>  |  |                                 |                       |               |              |  |  |
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| <b>Wilson Hill Small Boat Channel</b>   |  |                                 |                       |               |              |  |  |
| <i>Buoys maintained from Apr. 30 to Sep. 30.</i>  |  |                                 |                       |               |              |  |  |
| 351.45  | - Buoy 10  | 44-56-00.021N<br>075-00-36.032W |                       |               |              | Red nun.   | Private aid.   |
| 351.5   | - Buoy 11  | 44-55-50.079N<br>075-00-41.062W |                       |               |              | Green can.   | Private aid.   |
| 351.55  | - Buoy 12  | 44-55-51.000N<br>075-00-42.000W |                       |               |              | Red nun.   | Private aid.   |
| <b>St. Lawrence Seaway</b>  |  |                                 |                       |               |              |  |  |
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| 355   | - Lighted Buoy 61  | 44-56-31.700N<br>075-01-21.300W | FI G 4s               |               |              | Green.   | Maintained from Apr. 1 to Dec. 15.<br>Aid maintained by S.L.S.D.C. |
| 360   | WILSON HILL RANGE<br>FRONT LIGHT   | 44-57-00.000N<br>074-59-42.000W | F G                   | 28<br>9       |              | Orange triangular day mark with black stripes on square tower.   | Aid maintained by S.L.S.D.C.                                       |
| 365   | WILSON HILL RANGE REAR<br>LIGHT<br>1,500 feet, 068.7° from<br>front light.     |                                 | F G                   | 58<br>18      |              | Orange triangular day mark with black stripes on square tower.   | Aid maintained by S.L.S.D.C.                                       |
| 370   | - Lighted Buoy 63  | 44-56-22.100N<br>075-01-55.800W | FI G 4s               |               |              | Green.   | Aid maintained by S.L.S.D.C.                                       |
| 375   | Weaver Shoal Anchorage Area<br>E Lighted Buoy XA (C)                           | 44-56-54.000N<br>075-01-54.000W | FI Y 4s               |               |              | Yellow.  | Seasonal.  |
| 380   | Weaver Shoal Anchorage Area<br>W Lighted Buoy XC (C)                           | 44-56-30.000N<br>075-03-24.000W | FI Y 4s               |               |              | Yellow.  | Seasonal.  |
| 385   | - Lighted Buoy 67  | 44-55-50.500N<br>075-03-45.300W | FI G 4s               |               |              | Green.   | Winter marker.<br>Aid maintained by S.L.S.D.C.                     |
| 390   | - LIGHT 68 (C)<br>Marks Weaver Shoal.  | 44-55-54.000N<br>074-04-06.000W | Q R                   | 45<br>14      |              | White circular tower.  |  |
| 395   | - LIGHT 70 (C)   | 44-55-48.000N<br>075-04-48.000W | FI R 4s               | 29<br>9       |              | White circular tower with red top.                               | Seasonal.  |
| 400   | - LIGHT 71   | 44-55-30.500N<br>075-04-54.500W | FI G 4s               | 23<br>7       |              | SG on pile.  | Aid maintained by S.L.S.D.C.                                       |
| 410   | - Lighted Buoy 72 (C)  | 44-55-48.000N<br>075-05-30.000W | Q R                   |               |              | Red.   | Seasonal.  |
| 415   | - LIGHT 73   | 44-55-33.500N<br>075-05-43.100W | FI G 2.5s             | 30<br>9       |              | SG on tower on cell.   | RACON: M ( - - )<br>Aid maintained by S.L.S.D.C.                   |
| 420   | - Lighted Buoy 74 (C)  | 44-55-24.000N<br>075-06-36.000W | FI R 4s               |               |              | Red.   | Seasonal.  |
| 425   | DORAN SHOAL RANGE<br>FRONT LIGHT (C)   | 44-56-00.000N<br>075-06-48.000W | F Y                   | 33<br>10      |              | Orange triangular day mark with black stripes on skeleton tower. | Seasonal.  |
| 430   | DORAN SHOAL RANGE<br>REAR LIGHT (C)<br>1,225 feet, 040.2° from<br>front light. |                                 | F Y                   | 56<br>17      |              | Orange triangular day mark with black stripes on skeleton tower. | Seasonal.  |
| <b>Coles Creek Channel</b>  |  |                                 |                       |               |              |  |  |
| <i>These private aids best mark the channel and may shift as channel conditions warrant. Maintained from Apr. 30 to Sept. 30.</i>   |  |                                 |                       |               |              |  |  |
| 435   | - Lighted Buoy 1   | 44-54-15.000N<br>075-06-44.000W | FI G 4s               |               |              | Green.   | Private aid.   |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>ST. LAWRENCE RIVER</b>   |  |                                 |                       |               |              |   |  |
| <b>CROIL ISLAND TO/A CARDINAL (Chart 1434)(C)</b>   |  |                                 |                       |               |              |   |  |
| <b>Coles Creek Channel</b>  |  |                                 |                       |               |              |   |  |
| <i>These private aids best mark the channel and may shift as channel conditions warrant. Maintained from Apr. 30 to Sept. 30.</i>   |  |                                 |                       |               |              |   |  |
| 440   | - Lighted Buoy 2   | 44-54-09.500N<br>075-06-55.000W | FI R 4s               |               |              | Red.  | Private aid.   |
| 445   | - Lighted Buoy 3   | 44-53-52.000N<br>075-06-47.000W | FI G 4s               |               |              | Green.  | Private aid.   |
| 450   | - Lighted Buoy 4   | 44-53-44.000N<br>075-06-57.500W | FI R 4s               |               |              | Red.  | Private aid.   |
| 455   | - Lighted Buoy 5   | 44-53-34.000N<br>075-06-51.000W | FI G 4s               |               |              | Green.  | Private aid.   |
| 460   | - Lighted Buoy 6   | 44-53-34.500N<br>075-07-01.000W | FI R 4s               |               |              | Red.  | Private aid.   |
| 465   | - Lighted Buoy 7   | 44-53-24.500N<br>075-06-59.000W | FI G 4s               |               |              | Green.  | Private aid.   |
| 470   | - Lighted Buoy 8   | 44-53-27.000N<br>075-07-01.500W | FI R 4s               |               |              | Red.  | Private aid.   |
| 475   | - Lighted Buoy 9   | 44-53-23.000N<br>075-07-05.000W | FI G 4s               |               |              | Green.  | Private aid.   |
| 480   | - Lighted Buoy 10  | 44-53-27.000N<br>075-07-04.500W | FI R 4s               |               |              | Red.  | Private aid.   |
| <b>St. Lawrence Seaway</b>  |  |                                 |                       |               |              |   |  |
| <i>Aids listed S.L.S.D.C. in the remarks section are operated and maintained by the St. Lawrence Seaway Development Corporation pursuant to an agreement with the U.S. Coast Guard authorized under 14 USC 81. Lighted buoys are set out in the spring as early as ice conditions permit and are maintained until ice conditions require their removal in the fall.</i> |  |                                 |                       |               |              |   |  |
| 485   | - LIGHT 75<br>About 100 feet outside<br>channel limit.                                     | 44-55-10.600N<br>075-06-59.300W | FI G 4s               | 30<br>9       |              | SG on tower on<br>cell.   | Aid maintained by S.L.S.D.C.   |
| 490   | - Lighted Buoy 77  | 44-55-04.800N<br>075-07-34.000W | FI G 4s               |               |              | Green.  | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.                   |
| 495   | WEAVER SHOAL RANGE<br>FRONT LIGHT (C)  | 44-55-30.000N<br>075-07-54.000W | F W                   | 33<br>10      |              | White triangular<br>day mark with<br>black stripe on<br>skeleton tower.             | Seasonal.  |
| 500   | WEAVER SHOAL RANGE<br>REAR LIGHT (C)<br>1,520 feet, 262° from front<br>light.              |                                 | F W                   | 56<br>17      |              | White inverted<br>triangular day mark<br>with black stripe on<br>skeleton<br>tower. | Seasonal.  |
| 505   | - Lighted Buoy 78 (C)  |                                 | Q R                   |               |              | Red.  | Seasonal.  |
| 510   | - LIGHT 79<br>About 70 feet outside<br>channel limit.                                      | 44-54-50.100N<br>075-08-01.300W | Q G                   | 30<br>9       |              | SG on tower on<br>cell.   | Aid maintained by S.L.S.D.C.   |
| 515   | GOOSE NECK ISLAND<br>SHOALS RANGE FRONT<br>LIGHT (C)                                       | 44-54-54.000N<br>075-08-48.000W | F R                   | 33<br>10      |              | Orange triangular<br>day mark with<br>black stripes on<br>skeleton tower.           | Seasonal.  |
| 520   | GOOSE NECK ISLAND<br>SHOALS RANGE REAR<br>LIGHT (C)<br>470 feet, 255° from front<br>light. |                                 | F R                   | 45<br>14      |              | Orange inverted<br>day mark with black<br>stripes on skeleton<br>tower.             | Seasonal.  |
| 530   | - LIGHT 81 (C)<br>Marks Doran Shoal.   | 44-54-00.000N<br>075-09-00.000W | Q G                   | 37<br>11      |              | White circular<br>tower with green<br>band at top.                                  | Seasonal.  |
| 535   | - LIGHT 82 (C)<br>About 150 feet outside<br>channel limits.                                | 44-54-06.000N<br>075-09-12.000W | FI R 4s               | 29<br>9       |              | White circular<br>tower with red top.   | Seasonal.  |
| 540   | - Lighted Buoy 84 (C)  | 44-53-48.000N<br>075-09-42.000W | FI R 4s               |               |              | Red.  | Seasonal.  |
| 550   | - LIGHT 85   |                                 | FI G 4s               | 10<br>3       |              | SG on tower on<br>cell.   | Maintained from Apr. 15 to<br>Dec. 15.<br>Aid maintained by S.L.S.D.C. |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks                                       |
|---|---|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>ST. LAWRENCE RIVER</b>   |   |                                 |                       |               |              |   |  |
| <b>CROIL ISLAND TO/A CARDINAL (Chart 1434)(C)</b>   |   |                                 |                       |               |              |   |  |
| <b>St. Lawrence Seaway</b>  |   |                                 |                       |               |              |   |  |
| <i>Aids listed S.L.S.D.C. in the remarks section are operated and maintained by the St. Lawrence Seaway Development Corporation pursuant to an agreement with the U.S. Coast Guard authorized under 14 USC 81. Lighted buoys are set out in the spring as early as ice conditions permit and are maintained until ice conditions require their removal in the fall.</i> |   |                                 |                       |               |              |   |  |
| 555   | - Lighted Buoy 86 (C)   | 44-53-12.000N<br>075-11-00.000W | FI R 4s               |               |              | Red.  | Seasonal.  |
| 560   | Canada Island Anchorage Area<br>N Lighted Buoy XJ (C)                               | 44-53-36.000N<br>075-10-30.000W | FI Y 4s               |               |              | Yellow.   | Seasonal.  |
| 565   | - Lighted Buoy 87   | 44-53-19.900N<br>075-10-28.100W | FI G 4s               |               |              | Green.  | Winter marker.<br>Aid maintained by S.L.S.D.C.       |
| 570   | - Lighted Buoy 88 (C)   | 44-53-06.000N<br>075-11-24.000W | FI R 4s               |               |              | Red.  |  |
| 575   | - Lighted Buoy 89<br>Marks northwest side of<br>Clark Island Shoal.                 | 44-53-00.200N<br>075-11-10.900W | FI G 4s               |               |              | Green.  | Can Winter Mark<br>Aid maintained by S.L.S.D.C.      |
| 580   | OGDEN ISLAND RANGE<br>FRONT LIGHT   | 44-52-48.000N<br>075-11-42.000W | F G                   | 28<br>9       |              | Orange triangular<br>day mark with black<br>stripes on skeleton<br>tower on cell.           | Aid maintained by S.L.S.D.C.                         |
| 585   | OGDEN ISLAND RANGE<br>REAR LIGHT<br>950 feet, 237.3° from front<br>light.           |                                 | F G                   | 52<br>16      |              | Orange triangular<br>day mark with black<br>stripes on square<br>tower.                     | Aid maintained by S.L.S.D.C.                         |
| 590   | - Lighted Buoy 91   | 44-52-54.500N<br>075-11-40.300W | FI G 4s               |               |              | Green.  | Can Winter Mark<br>Aid maintained by S.L.S.D.C.      |
| 595   | - LIGHT 92 (C)  | 44-52-54.000N<br>075-12-12.000W | FI R 4s               | 36<br>11      |              | White circular<br>tower with red top.   | Seasonal.  |
| 600   | MARIATOWN RANGE FRONT<br>LIGHT (C)  | 44-53-00.000N<br>075-12-36.000W | F G                   | 33<br>10      |              | Orange triangular<br>day mark with black<br>stripes on white<br>skeleton tower.             | Seasonal.  |
| 605   | MARIATOWN RANGE REAR<br>LIGHT (C)<br>443 feet, 057° from front<br>light.            |                                 | F G                   | 47<br>14      |              | Orange inverted<br>triangular day mark<br>with black stripes<br>on white skeleton<br>tower. | Seasonal.  |
| 610   | - Lighted Buoy 92A (C)  | 44-52-48.000N<br>075-12-36.000W | FI R 4s               |               |              | Red.  | Seasonal.  |
| 615   | - Lighted Buoy 93   | 44-52-37.300N<br>075-13-03.400W | FI G 4s               |               |              | Green.  | Spar; winter marker.<br>Aid maintained by S.L.S.D.C. |
| 620   | - Lighted Buoy 94 (C)   |                                 | Q R                   |               |              | Red.  | Seasonal.  |
| 625   | - Lighted Buoy 95 (C)   | 44-52-30.000N<br>075-13-24.000W | FI G 4s               |               |              | Green.  | Seasonal.  |
| 630   | - LIGHT 96 (C)  |                                 | FI R 4s               | 27<br>8       | 7            | White circular<br>tower with red top.   | Seasonal.  |
| 635   | MARIATOWN APPROACH<br>RANGE FRONT LIGHT (C)   | 44-52-36.000N<br>075-13-42.000W | F R                   | 38<br>12      |              | Orange triangular<br>day mark with black<br>stripe on white<br>skeleton tower.              |  |
| 640   | MARIATOWN APPROACH<br>RANGE REAR LIGHT (C)<br>500 feet, 255.4° from front<br>light. |                                 | F R                   | 53<br>16      |              | Orange triangular<br>day mark with black<br>stripe on white<br>skeleton tower.              | Seasonal.  |
| 645   | - Lighted Buoy 96A (C)  | 44-52-18.000N<br>075-14-00.000W | FI R 4s               |               |              | Red.  | Seasonal.  |
| 650   | - Lighted Buoy 98 (C)   |                                 | FI R 4s               |               |              | Red.  | Seasonal.  |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>ST. LAWRENCE RIVER</b>   |  |                                 |                       |               |              |   |   |
| <b>CROIL ISLAND TO/A CARDINAL (Chart 1434)(C)</b>   |  |                                 |                       |               |              |   |   |
| <b>St. Lawrence Seaway</b>  |  |                                 |                       |               |              |   |   |
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| 655   | - Lighted Buoy 99  | 44-51-56.300N<br>075-14-33.300W | FI G 4s               |               |              | Green.  | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.                        |
| 660   | - Lighted Buoy 100 (C)   | 44-51-36.000N<br>075-15-18.000W | Q R                   |               |              | Red.  | Seasonal.   |
| 665   | - Lighted Buoy 101<br>Marks shoal.   | 44-51-26.500N<br>075-15-20.000W | FI G 4s               |               |              | Green.  | Aid maintained by S.L.S.D.C.  |
| 670   | - Lighted Buoy 102 (C)   | 44-51-30.000N<br>075-15-42.000W | FI R 4s               |               |              | Red.  | Seasonal.   |
| 675   | - Lighted Buoy 103   | 44-51-16.000N<br>075-16-03.500W | FI G 4s               |               |              | Green.  | Aid maintained by S.L.S.D.C.  |
| 680   | - Lighted Buoy 104 (C)   | 44-51-18.000N<br>075-16-24.000W | Q R                   |               |              | Red.  | Seasonal.   |
| 685   | - Lighted Buoy 105   | 44-51-04.300N<br>075-16-35.000W | FI G 4s               |               |              | Green.  | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.                        |
| 700   | - Lighted Buoy 107A (C)  |                                 | FI G 4s               |               |              | Green boat-shaped<br>buoy .   | Seasonal.   |
| 705   | IROQUOIS LOCK RANGE<br>FRONT LIGHT (C)   | 44-50-42.000N<br>075-18-12.000W | F W                   | 33<br>10      |              | Orange triangular<br>day mark with black<br>stripes on white<br>skeleton tower. | Seasonal.   |
| 710   | IROQUOIS LOCK RANGE<br>REAR LIGHT (C)<br>745 feet, 026.3° from front<br>light.     |                                 | F W                   | 43<br>13      |              | Orange triangular<br>day mark with black<br>stripes on white<br>skeleton tower. | Seasonal.   |
| 715   | - Lighted Buoy 108 (C)   |                                 | Q R                   |               |              | Red.  | Seasonal.   |
| 720   | - Lighted Buoy 108A (C)  | 44-50-24.000N<br>075-18-30.000W | FI R 4s               |               |              | Red.  | Seasonal.   |
| 725   | IROQUOIS APPROACH<br>RANGE FRONT LIGHT (C)   | 44-50-24.000N<br>075-18-36.000W | F R                   | 32<br>10      |              | Orange triangular<br>day mark with black<br>stripes on white<br>skeleton tower. | Seasonal.   |
| 730   | IROQUOIS APPROACH<br>RANGE REAR LIGHT (C)<br>601 feet, 241.4° from front<br>light. |                                 | F R                   | 47<br>14      |              | Orange triangular<br>day mark with black<br>stripes on white<br>skeleton tower. | Seasonal.   |
| 735   | - Lighted Buoy 109 (C)   |                                 | Q G                   |               |              | Green boat-shaped<br>buoy .   | Seasonal.   |
| 745   | - LIGHT 111 (C)  |                                 | FI G 4s               | 46<br>14      |              | Orange triangular<br>day mark on white<br>skeleton tower.                       | Seasonal.   |
| 755   | - Lighted Buoy 112 (C)   | 44-49-00.000N<br>075-19-30.000W | FI R 4s               |               |              | Red.  | Seasonal.   |
| 760   | - Lighted Buoy 113 (C)   | 44-48-54.000N<br>075-19-18.000W | Q G                   |               |              | Green.  | Seasonal.   |
| 765   | - LIGHT 114 (C)  | 44-48-48.000N<br>075-19-48.000W | FI R 4s               | 23<br>7       |              | White circular<br>tower with red top.   | Seasonal.   |
| 770   | TOUSSAINT ISLAND WEST<br>LIGHT (C)   | 44-48-42.000N<br>075-20-00.000W | Iso R 2s              | 21<br>6       |              | White circular<br>tower with red top.   | Seasonal.   |
| 775   | SPARROWHAWK POINT<br>LEADING LIGHT   | 44-48-06.000N<br>075-20-00.000W | F G                   | 48<br>15      |              | Orange triangular<br>day mark with black<br>stripe on post.                     | Higher intensity beam on bearing<br>205.8°.<br>Aid maintained by S.L.S.D.C. |
| 780   | - LIGHT 115<br>About 200 feet outside<br>channel limit.                            | 44-47-56.900N<br>075-20-46.100W | FI G 2.5s             | 28<br>9       |              | SG on pile on cell.   | Aid maintained by S.L.S.D.C.  |



| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks                                       |
|---|--|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>ST. LAWRENCE RIVER</b>   |  |                                 |                       |               |              |  |  |
| <b>CROIL ISLAND TO/A CARDINAL (Chart 1434)(C)</b>   |  |                                 |                       |               |              |  |  |
| <b>St. Lawrence Seaway</b>  |  |                                 |                       |               |              |  |  |
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| 785   | - Lighted Buoy 116   | 44-47-25.800N<br>075-21-46.600W | FI R 4s               |               |              | Red.   | Spar; winter marker.<br>Aid maintained by S.L.S.D.C. |
| 790   | - Lighted Buoy 117   | 44-47-14.400N<br>075-21-51.200W | FI G 4s               |               |              | Green.   | Spar; winter marker.<br>Aid maintained by S.L.S.D.C. |
| 795   | - Lighted Buoy 118 (C)   | 44-47-06.000N<br>075-22-12.000W | FI R 4s               |               |              | Red.   | Seasonal.  |
| 800   | - Lighted Buoy 119   | 44-46-56.700N<br>075-22-21.600W | FI G 4s               |               |              | Green.   | Aid maintained by S.L.S.D.C.                         |
| 805   | - Lighted Buoy 120 (C)   | 44-46-54.000N<br>075-22-42.000W | FI R 4s               |               |              | Red.   | Seasonal.  |
| 810   | GALOP ISLAND EAST<br>RANGE FRONT LIGHT   | 44-46-36.000N<br>075-22-54.000W | F G                   | 28<br>9       |              | Orange triangular<br>day mark with black<br>stripes on skeleton<br>tower.                  | Aid maintained by S.L.S.D.C.                         |
| 815   | GALOP ISLAND EAST<br>RANGE REAR LIGHT<br>1,700 feet, 227° from front<br>light.     |                                 | F G                   | 60<br>18      |              | Orange triangular<br>day mark with black<br>stripes on square<br>tower.                    | Aid maintained by S.L.S.D.C.                         |
| 820   | - LIGHT 121  | 44-46-34.800N<br>075-23-04.800W | FI G 4s               | 28<br>9       |              | SG on pile on cell.  | Aid maintained by S.L.S.D.C.                         |
| 835   | - Lighted Buoy 122   | 44-46-25.900N<br>075-23-41.500W | FI R 4s               |               |              | Red.   | Spar; winter marker.<br>Aid maintained by S.L.S.D.C. |
| <b>CARDINAL TO/A WHALEBACK SHOAL (Chart 1435)(C)</b>  |  |                                 |                       |               |              |  |  |
| <b>St. Lawrence Seaway</b>  |  |                                 |                       |               |              |  |  |
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| 840   | - LIGHT 123<br>About 160 feet outside<br>channel limit.                            | 44-46-01.000N<br>075-24-16.000W | FI G 4s               | 28<br>9       |              | White square<br>day mark with<br>green border on<br>white pile.                            | Aid maintained by S.L.S.D.C.                         |
| 843   | - Lighted Buoy 124   | 44-46-00.000N<br>075-24-34.600W | FI R 4s               |               |              | Red.   | Aid maintained by S.L.S.D.C.                         |
| 845   | - Lighted Buoy 125   | 44-45-58.300N<br>075-24-24.000W | FI G 4s               |               |              | Green.   | Spar; winter marker.<br>Aid maintained by S.L.S.D.C. |
| 855   | - Lighted Buoy 125A  | 44-45-48.000N<br>075-24-39.600W | FI G 4s               |               |              | Green.   | Can Winter Mark<br>Aid maintained by S.L.S.D.C.      |
| 860   | - Lighted Buoy 126   | 44-45-32.000N<br>075-25-10.600W | FI R 4s               |               |              | Red.   | Winter marker.<br>Aid maintained by S.L.S.D.C.       |
| 865   | - Lighted Buoy 127   | 44-45-23.200N<br>075-25-10.600W | FI G 4s               |               |              | Green.   | Aid maintained by S.L.S.D.C.                         |
| 870   | DRUMMOND ISLAND RANGE<br>FRONT LIGHT (C)   | 44-45-30.000N<br>075-25-36.000W | Iso R 2s              | 45<br>14      |              | Orange inverted<br>triangular day mark<br>with black stripe on<br>white skeleton<br>tower. | Seasonal.  |
| 875   | DRUMMOND ISLAND RANGE<br>REAR LIGHT (C)<br>3,168 feet, 236.5° from<br>front light. |                                 | F R                   | 70<br>21      |              | Orange inverted<br>triangular day mark<br>with black stripes<br>on skeleton tower.         | Seasonal.  |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic  | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks   |
|---|--|---------------------------------|------------------------|---------------|--------------|--|--|
| <b>ST. LAWRENCE RIVER</b>   |  |                                 |                        |               |              |  |  |
| <b>CARDINAL TO/A WHALEBACK SHOAL (Chart 1435)(C)</b>  |  |                                 |                        |               |              |  |  |
| <b>St. Lawrence Seaway</b>  |  |                                 |                        |               |              |  |  |
| <i>Aids listed S.L.S.D.C. in the remarks section are operated and maintained by the St. Lawrence Seaway Development Corporation pursuant to an agreement with the U.S. Coast Guard authorized under 14 USC 81. Lighted buoys are set out in the spring as early as ice conditions permit and are maintained until ice conditions require their removal in the fall.</i> |  |                                 |                        |               |              |  |  |
| 880   | GALOP ISLAND WEST RANGE FRONT LIGHT  | 44-45-12.000N<br>075-25-12.000W | F G                    | 28<br>9       |              | Orange triangular day mark with black stripes on skeleton tower. | Aid maintained by S.L.S.D.C.   |
| 885   | GALOP ISLAND WEST RANGE REAR LIGHT<br>1,296 feet, 058.0° from front light.   | 44-45-18.000N<br>075-24-54.000W | F G                    | 48<br>15      |              | Orange triangular day mark with black stripes on skeleton tower. | Aid maintained by S.L.S.D.C.   |
| 890   | - Lighted Buoy 126A  | 44-45-01.900N<br>075-25-47.500W | Q R                    |               |              | Red.   | Aid maintained by S.L.S.D.C.   |
| 895   | - ICE BOOM CELL LIGHT C<br>Marks location of anchors, cables and pile cells. | 44-44-53.000N<br>075-25-40.000W | F Y                    | 12<br>4       |              | Post on cell.  | Private aid.   |
| 900   | - Lighted Buoy 129   | 44-44-49.000N<br>075-25-52.800W | Q G                    |               |              | Green.   | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.   |
| 905   | - Lighted Buoy 128   | 44-44-47.200N<br>075-26-12.000W | FI R 4s                |               |              | Red.   | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.   |
| 910   | CHIMNEY ISLAND LEADING LIGHT   | 44-44-30.000N<br>075-26-24.000W | F W<br>(R & G sectors) | 28<br>9       |              | On post.   | Red from 220.4° to 221.3°, white from 221.3° to 222.2°, green from 222.2° to 223.2°.<br>Aid maintained by S.L.S.D.C. |
| 925   | - Lighted Buoy 130A (C)  |                                 | FI R 4s                |               |              | Red.   | Seasonal.  |
| 940   | - Lighted Buoy 131 (C)   | 44-44-18.000N<br>075-27-06.000W | FI G 4s                |               |              | Green.   | Seasonal.  |
| 950   | - Lighted Buoy 131A (C)  | 44-43-42.000N<br>075-28-00.000W | FI G 4s                |               |              | Green.   | Seasonal.  |
| 955   | - ICE BOOM CELL LIGHT B<br>Marks location of anchors, cables and pile cells. | 44-43-23.000N<br>075-27-54.000W | F Y                    | 12<br>4       |              | White post on cell.  | Private aid.   |
| 960   | - Lighted Buoy 131B  | 44-43-07.900N<br>075-28-36.300W | FI G 4s                |               |              | Green.   | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.   |
| 965   | - Lighted Buoy 132 (C)   | 44-43-06.000N<br>075-29-06.000W | FI R 4s                |               |              | Red.   | Seasonal.  |
| 970   | - Lighted Buoy 133   | 44-42-18.600N<br>075-30-15.800W | FI G 4s                |               |              | Green.   | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.   |
| 975   | PRESCOTT HERITAGE HARBOUR LIGHT (C)  | 44-42-36.000N<br>075-30-36.000W | Iso G 4s               | 25<br>8       |              | White lighthouse with green top.                                 | Seasonal.  |
| <b>Ogdensburg Harbor</b>  |  |                                 |                        |               |              |  |  |
| 985   | - East Entrance Lighted Buoy 2   | 44-42-33.200N<br>075-29-13.500W | FI R 4s                |               | 4            | Red.   | Maintained from Apr. 1 to Dec. 15<br>Aid maintained by S.L.S.D.C.  |
| 990   | - East Entrance Lighted Buoy 4   | 44-42-22.500N<br>075-29-20.600W | FI R 4s                |               | 4            | Red.   | Maintained from Apr. 1 to Dec. 15.<br>Aid maintained by S.L.S.D.C.   |
| 992   | - LIGHT  | 44-41-52.000N<br>075-30-12.000W | FI W 10s               | 70<br>21      |              |  | Private aid.   |
| 995   | - West Entrance Lighted Buoy 2   | 44-42-06.150N<br>075-30-21.990W | FI R 4s                |               | 4            | Red.   | Maintained from Apr. 28 to Nov 28.<br>Aid maintained by S.L.S.D.C.   |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>ST. LAWRENCE RIVER</b>   |  |                                 |                       |               |              |   |   |
| <b>CARDINAL TO/A WHALEBACK SHOAL (Chart 1435)(C)</b>  |  |                                 |                       |               |              |   |   |
| <b>St. Lawrence Seaway</b>  |  |                                 |                       |               |              |   |   |
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| <b>Ogdensburg Harbor</b>  |  |                                 |                       |               |              |   |   |
| 1000  | - West Entrance Buoy 3   | 44-41-58.390N<br>075-30-04.220W |                       |               |              | Green can.  | Maintained from Apr 28 to Nov 28.<br>Aid maintained by S.L.S.D.C. |
| 1005  | - West Entrance Buoy 4   | 44-41-54.400N<br>075-30-11.300W |                       |               |              | Red nun.  | Maintained from Apr 28 to Nov 28.<br>Aid maintained by S.L.S.D.C. |
| 1010  | - West Entrance Lighted Buoy 5   | 44-41-57.940N<br>075-29-56.800W | FI G 4s               |               | 4            | Green.  | Maintained from Apr 28 to Nov 28<br>Aid maintained by S.L.S.D.C.  |
| <b>St. Lawrence Seaway</b>  |  |                                 |                       |               |              |   |   |
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| 1020  | Catamaran Shoal Buoy Lighted 135<br>Marks northwest side of shoal.     | 44-36-55.000N<br>075-37-19.400W | FI G 4s               |               |              | Green can.  | Aid maintained by S.L.S.D.C.                                      |
| 1025  | North McNair Shoal Lighted Buoy 136 (C)                                |                                 | FI R 4s               |               |              | Red.  | Seasonal.   |
| 1035  | South McNair Shoal Lighted Buoy 137A (C)                               | 44-35-36.000N<br>075-40-00.000W | FI G 4s               |               |              | Green.  | Seasonal.   |
| 1040  | <b>Brockville Breakwater Light (C)</b>                                 |                                 | FI R 4s               | 32<br>10      |              | White circular tower with red top.  | Seasonal.   |
| 1045  | SKELETON ISLAND LIGHT 138 (C)  |                                 | FI R 4s               | 37<br>11      |              | White circular tower with red top.  | Seasonal.   |
| 1050  | Refugee Island Shoal Lighted Buoy 139 (C)<br>Marks east side of shoal. |                                 | FI G 4s               |               |              | Green.  | Seasonal.   |
| 1065  | MCCOY ISLAND LIGHT 141 (C)   |                                 | Q G                   | 30<br>9       |              | White circular tower with black top.  | Seasonal.   |
| 1070  | ROYAL ISLAND LIGHT 142 (C)<br>Marks shoal.                             |                                 | FI R 4s               | 31<br>9       |              | White circular tower with red top.  | Seasonal.   |
| 1075  | - LIGHT 143 (C)  | 44-34-00.000N<br>075-42-24.000W | FI G 4s               | 26<br>8       |              | White circular tower with black top.  | Seasonal.   |
| 1080  | - Lighted Buoy 143A (C)<br>Marks north side of shoal.                  | 44-33-42.000N<br>075-42-42.000W | FI G 4s               |               |              | Green.  | Seasonal.   |
| 1085  | - LIGHT 144 (C)<br>Marks McDonald Point Shoal.                         |                                 | Q R                   | 28<br>9       |              | White circular tower with red top.  | Seasonal.   |
| 1090  | STOVIN ISLAND LIGHT 145 (C)  | 44-33-36.000N<br>075-42-54.000W | FI G 4s               | 34<br>10      |              | White circular tower with green top.  | Seasonal.   |
| 1095  | NEEDLES EYE ISLAND LIGHT 146 (C)                                       |                                 | FI R 4s               | 34<br>10      |              | White circular tower with red top.  | Seasonal.   |
| 1100  | Derottenburg Lighted Buoy 145A (C)                                     |                                 | FI G 4s               |               |              | Green.  | Seasonal.   |
| 1105  | - Lighted Buoy 146A (C)  |                                 | FI R 4s               |               |              | Red.  |   |
| 1110  | DEWATTEVILLE ISLAND RANGE FRONT LIGHT (C)                              | 44-32-54.000N<br>075-44-00.000W | F W                   | 30<br>9       |              | Orange triangular day mark with black stripes on white circular tower with red top. | Seasonal.   |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic  | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks   |
|---|---|---------------------------------|------------------------|---------------|--------------|--|--|
| <b>ST. LAWRENCE RIVER</b>   |   |                                 |                        |               |              |  |  |
| <b>CARDINAL TO/A WHALEBACK SHOAL (Chart 1435)(C)</b>  |   |                                 |                        |               |              |  |  |
| <b>St. Lawrence Seaway</b>  |   |                                 |                        |               |              |  |  |
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| 1115  | DEWATTEVILLE ISLAND<br>RANGE REAR LIGHT (C)<br>1,140 feet, 036.9° from<br>front light.    |                                 | F W                    | 69<br>21      |              | Orange inverted<br>triangular day mark<br>with black stripes<br>on red skeleton<br>tower.  | Visible on range line only.<br>Seasonal.   |
| 1120  | - LIGHT 147 (C)   | 44-32-30.000N<br>075-44-12.000W | FI G 4s                | 30<br>9       |              | White circular<br>tower with green<br>top.   | Seasonal.  |
| 1125  | - Lighted Buoy 147A (C)   | 44-32-12.000N<br>075-44-36.000W | FI G 4s                |               |              | Green.   | Seasonal.  |
| 1130  | - LIGHT 150 (C)   | 44-31-48.000N<br>075-45-18.000W | FI R 4s                | 28<br>9       |              | White cylindrical<br>tower with red top.   | Seasonal.  |
| 1135  | <i>Cole Shoal Lighted Buoy 150A<br/>(C)</i><br>Marks south side of Cole<br>Shoal.         |                                 | FI R 4s                |               |              | Red.   | Seasonal.  |
| 1140  | - LIGHT 151 (C)   | 44-31-24.000N<br>075-45-24.000W | FI G 4s                | 30<br>9       |              | White circular<br>tower with green<br>top.   | Seasonal.  |
| 1145  | - Lighted Buoy 152 (C)  | 44-31-06.000N<br>075-46-00.000W | FI R 4s                |               |              | Red.   | Seasonal.  |
| 1150  | BROCKVILLE CROSSOVER<br>RANGE FRONT LIGHT (C)   | 44-31-36.000N<br>075-45-54.000W | Iso G 2s               | 32<br>10      |              | Orange triangular<br>day mark with black<br>stripe on white<br>circular tower.             | Seasonal.  |
| 1155  | BROCKVILLE CROSSOVER<br>RANGE REAR LIGHT (C)<br>2,153 feet, 013.5° from<br>front light.   |                                 | F G                    | 61<br>19      |              | Orange inverted<br>triangular day mark<br>with black stripe on<br>white skeleton<br>tower. | Seasonal.  |
| 1170  | - Lighted Buoy 153  | 44-30-37.400N<br>075-46-08.200W | Q G                    |               |              | Green.   | RACON: M ( - - )<br>Spar; winter marker.<br>Aid maintained by S.L.S.D.C.                                       |
| 1180  | - LIGHT 156<br>Marks Bay State Shoal,<br>about 60 feet outside<br>channel limit.          |                                 | FI R 2.5s              | 30<br>9       |              | TR on tower on<br>cell.  | Aid maintained by S.L.S.D.C.   |
| 1185  | - Lighted Buoy 157  | 44-30-18.900N<br>075-46-14.400W | FI G 4s                |               |              | Green.   | Winter marker.<br>Aid maintained by S.L.S.D.C.   |
| 1190  | - Lighted Buoy 159  | 44-29-48.900N<br>075-46-24.500W | FI G 4s                |               |              | Green.   | Winter marker.<br>Aid maintained by S.L.S.D.C.   |
| 1195  | - LIGHT 160<br>Marks Cross Over Island<br>Shoal, about 105 feet<br>outside channel limit. | 44-29-48.000N<br>075-46-36.000W | FI R 4s                | 28<br>9       |              | TR on tower on<br>cell.  | Aid maintained by S.L.S.D.C.   |
| 1200  | - Lighted Buoy 162  | 44-28-41.500N<br>075-46-56.100W | Q R                    |               |              | Red.   | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.   |
| 1205  | - LIGHT 163<br>About 140 feet outside<br>channel limit.                                   |                                 | FI G 2.5s              | 28<br>9       |              | SG on pile.  | Aid maintained by S.L.S.D.C.   |
| 1210  | CHIPPEWA POINT<br>DIRECTIONAL LIGHT   |                                 | F W<br>(R & G sectors) | 28<br>9       |              | White post.  | White from 193° to 195°, red<br>from 186° to 193°, green from<br>195° to 202°.<br>Aid maintained by S.L.S.D.C. |
| 1215  | - Lighted Buoy 163A   | 44-28-22.600N<br>075-47-05.800W | FI G 4s                |               |              | Green.   | Aid maintained by S.L.S.D.C.   |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                   | (8)<br>Remarks   |
|---|---|---------------------------------|-----------------------|---------------|--------------|------------------------------------|--|
| <b>ST. LAWRENCE RIVER</b>   |   |                                 |                       |               |              |                                    |  |
| <b>CARDINAL TO/A WHALEBACK SHOAL (Chart 1435)(C)</b>  |   |                                 |                       |               |              |                                    |  |
| <b>St. Lawrence Seaway</b>  |   |                                 |                       |               |              |                                    |  |
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| 1220  | - Lighted Buoy 164  | 44-28-30.500N<br>075-47-08.200W | FI R 4s               |               |              | Red.                               | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.               |
| <b>CARDINAL TO/A WHALEBACK SHOAL (Chart 1435)(C)</b>  |   |                                 |                       |               |              |                                    |  |
| <b>WHALE BACK SHOAL TO/A SUMMERLAND GROUP (Chart 1436) (C)</b>  |   |                                 |                       |               |              |                                    |  |
| <b>St. Lawrence Seaway</b>  |   |                                 |                       |               |              |                                    |  |
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| 1225  | - LIGHT 165   |                                 | FI G 4s               | 23<br>7       |              | SG on tower on cell.               | Aid maintained by S.L.S.D.C.                                       |
| 1230  | CHIMNEY ISLAND LIGHT (C)  | 44-28-00.000N<br>075-50-00.000W | FI R 4s               | 18<br>5       |              | White circular tower with red top. | Seasonal.  |
| 1235  | HAFFIE SHOAL LIGHT (C)  | 44-27-30.000N<br>075-50-42.000W | FI R 4s               | 34<br>10      |              | White circular tower with red top. |  |
| 1240  | - Lighted Buoy 166  | 44-27-14.000N<br>075-48-30.800W | FI R 4s               |               |              | Red.                               | Aid maintained by S.L.S.D.C.                                       |
| 1245  | - Lighted Buoy 167  | 44-26-55.800N<br>075-48-37.400W | FI G 4s               |               |              | Green.                             | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.               |
| 1250  | - LIGHT 168   | 44-27-00.000N<br>075-48-48.000W | FI R 4s               | 23<br>7       |              | TR on pile.                        | Maintained from Apr. 1 to Dec. 15.<br>Aid maintained by S.L.S.D.C. |
| 1255  | - Lighted Buoy 170  | 44-26-45.100N<br>075-48-59.200W | FI R 4s               |               |              | Red.                               | Nun Winter Mark<br>Aid maintained by S.L.S.D.C.                    |
| 1260  | - Lighted Buoy 172 (C)<br>Marks shoal.  |                                 | FI R 4s               |               |              | Red.                               | Seasonal.  |
| 1265  | Haskell Shoal Lighted Buoy 173 (C)<br>Marks north side of shoal.                | 44-26-12.000N<br>075-49-24.000W | Q G                   |               |              | Green.                             | Spar; winter marker.<br>Seasonal.                                  |
| 1270  | - Lighted Buoy 176  | 44-25-03.100N<br>075-50-26.400W | FI R 4s               |               |              | Red.                               | Winter marker.<br>Aid maintained by S.L.S.D.C.                     |
| 1275  | - Lighted Buoy 177  | 44-24-46.200N<br>075-50-30.700W | FI G 4s               |               |              | Green.                             | Can Winter Mark<br>Aid maintained by S.L.S.D.C.                    |
| 1280  | - LIGHT 178<br>About 175 feet outside channel limit.                            |                                 | FI R 4s               | 28<br>9       |              | TR on pile.                        | Aid maintained by S.L.S.D.C.                                       |
| 1285  | - LIGHT 179   |                                 | FI G 2.5s             | 28<br>9       |              | SG on pile.                        | Aid maintained by S.L.S.D.C.                                       |
| 1290  | - LIGHT 180<br>Marks Ironside Shoal.  | 44-23-48.000N<br>075-51-24.000W | Q R                   | 28<br>9       |              | TR on tower on cell.               | Aid maintained by S.L.S.D.C.                                       |
| 1295  | - Lighted Buoy 181  | 44-23-30.000N<br>075-51-29.100W | FI G 4s               |               |              | Green.                             | Can Winter Mark<br>Aid maintained by S.L.S.D.C.                    |
| 1300  | - Lighted Buoy 181A   | 44-22-49.000N<br>075-52-25.200W | FI G 4s               |               |              | Green.                             | Aid maintained by S.L.S.D.C.                                       |
| 1305  | - LIGHT 182<br>Marks Whiskey Island Shoal, about 95 feet outside channel limit. |                                 | FI R 4s               | 28<br>9       |              | TR on pile.                        | Maintained from Apr. 1 to Dec. 15.<br>Aid maintained by S.L.S.D.C. |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                  | (8)<br>Remarks   |
|---|--|---------------------------------|-----------------------|---------------|--------------|-----------------------------------|--|
| <b>CARDINAL TO/A WHALEBACK SHOAL (Chart 1435)(C)</b>  |  |                                 |                       |               |              |                                   |  |
| <b>WHALE BACK SHOAL TO/A SUMMERLAND GROUP (Chart 1436) (C)</b>  |  |                                 |                       |               |              |                                   |  |
| <b>St. Lawrence Seaway</b>  |  |                                 |                       |               |              |                                   |  |
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| 1310  | - LIGHT 183<br>Marks Excelsior Shoal,<br>about 180 feet outside<br>channel limit.                        | 44-22-24.000N<br>075-53-06.000W | FI G 4s               | 34<br>10      |              | SG on tower on<br>concrete base.  | Aid maintained by S.L.S.D.C.   |
| 1315  | - <i>Lighted Buoy 185</i>  | 44-22-13.200N<br>075-53-23.400W | FI G 4s               |               |              | Green.                            | Aid maintained by S.L.S.D.C.   |
| 1320  | - LIGHT 186<br>About 320 feet outside<br>channel limit.  |                                 | FI R 4s               | 28<br>9       |              | TR on pile.                       | Aid maintained by S.L.S.D.C.   |
| <b>ST. LAWRENCE RIVER</b>   |  |                                 |                       |               |              |                                   |  |
| <b>SUMMERLAND GROUP TO/A GRINDSTONE ISLAND (Chart 1437)(C)</b>  |  |                                 |                       |               |              |                                   |  |
| <b>St. Lawrence Seaway</b>  |  |                                 |                       |               |              |                                   |  |
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| 1325  | - LIGHT 187  |                                 | FI G 4s               | 28<br>9       |              | SG on pile.                       | Aid maintained by S.L.S.D.C.   |
| 1330  | Hammond Shoal Buoy<br>Marks south side of shoal.   | 44-20-44.800N<br>075-54-42.300W |                       |               |              | Green and red<br>bands; can.      | Maintained from Apr 28 to Nov<br>28.<br><br>Aid maintained by S.L.S.D.C. |
| 1335  | - LIGHT 189<br>About 290 feet outside<br>channel limit.  |                                 | FI G 4s               | 30<br>9       |              | SG on conical<br>tower.           | Aid maintained by S.L.S.D.C.   |
| 1340  | - LIGHT 191<br>Marks southwest side of<br>Sunken Rock Shoal, about<br>70 feet outside channel<br>limits. |                                 | FI G 2.5s             | 28<br>9       |              | SG on tower on<br>concrete base.  | Aid maintained by S.L.S.D.C.   |
| 1345  | - LIGHT 192<br>Marks Frontenac Shoal,<br>about 25 feet outside<br>channel limit.                         |                                 | FI R 4s               | 28<br>9       |              | TR on pile.                       | Aid maintained by S.L.S.D.C.   |
| 1350  | Broadway Shoal Buoy<br>Marks north side of shoal.  | 44-20-22.420N<br>075-55-15.810W |                       |               |              | Green and red<br>bands; can.      | Maintained from Apr 28 to Nov<br>28.<br>Aid maintained by S.L.S.D.C.     |
| 1353  | ALEXANDRIA BAY HARBOR<br>LIGHT   | 44-20-07.500N<br>075-55-15.800W | FI Y 2s               | 3<br>1        |              | On floating dock.                 | Maintained from Apr. 1 to Dec.<br>1.<br>Private aid.                     |
| 1360  | - LIGHT 194<br>Marks Pullman Shoal, about<br>100 feet outside channel<br>limit.                          | 44-20-06.000N<br>075-55-48.000W | FI R 4s               | 34<br>10      |              | TR on tower on<br>concrete base . | Aid maintained by S.L.S.D.C.   |
| 1365  | - LIGHT 195<br>About 12 feet outside<br>channel limit.   |                                 | FI G 4s               | 23<br>7       |              | SG on pile .                      | Maintained from Apr . 1 to Dec.<br>15.<br>Aid maintained by S.L.S.D.C.   |
| 1370  | - LIGHT 197  |                                 | FI G 4s               | 28<br>9       |              | SG on pile .                      | Aid maintained by S.L.S.D.C.   |
| 1375  | - LIGHT 198  |                                 | FI R 4s               | 23<br>7       |              | TR on tower on<br>concrete base   | Aid maintained by S.L.S.D.C.   |
| 1380  | - LIGHT 199<br>Marks Comfort Island Shoal.   |                                 | FI G 2.5s             | 28<br>9       |              | SG on tower on<br>concrete base . | Aid maintained by S.L.S.D.C.   |
| 1385  | KEEWAYDIN STATE PARK<br>BREAKWATER LIGHT   | 44-19-22.000N<br>075-56-11.000W | FI G 4s               | 10<br>3       |              | Green day mark on<br>steel post.  | Maintained from May 1 to Nov 1.<br><br>Private aid.                      |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic  | (5)<br>Height | (6)<br>Range | (7)<br>Structure               | (8)<br>Remarks  |
|---|---|---------------------------------|------------------------|---------------|--------------|--------------------------------|---|
| <b>ST. LAWRENCE RIVER</b>   |   |                                 |                        |               |              |                                |   |
| <b>SUMMERLAND GROUP TO/A GRINDSTONE ISLAND (Chart 1437)(C)</b>  |   |                                 |                        |               |              |                                |   |
| <b>St. Lawrence Seaway</b>  |   |                                 |                        |               |              |                                |   |
| <i>Aids listed S.L.S.D.C. in the remarks section are operated and maintained by the St. Lawrence Seaway Development Corporation pursuant to an agreement with the U.S. Coast Guard authorized under 14 USC 81. Lighted buoys are set out in the spring as early as ice conditions permit and are maintained until ice conditions require their removal in the fall.</i> |   |                                 |                        |               |              |                                |   |
| 1386  | <i>Keewaydin State Park Lighted Entrance Buoy</i>   | 44-49-20.600N<br>075-56-13.600W | FI R 4s                |               |              | Red.                           | Maintained May 1 to Nov. 1.<br>Private aid.   |
| 1390  | - LIGHT 200<br>About 90 feet outside channel limit.   |                                 | Q R                    | 28<br>9       |              | TR on pile .                   | Aid maintained by S.L.S.D.C.  |
| 1395  | - <i>Lighted Buoy 202</i>   | 44-19-22.600N<br>075-56-38.600W | Iso R 3s               |               |              | Red.                           | S .L.S .D.C .<br>Aid maintained by S.L.S.D.C.   |
| 1400  | POINT VIVIAN LEADING LIGHT  |                                 | F W<br>(R & G sectors) | 28<br>9       |              | On post.                       | Red f from 216.5 ° to 217.5 °,<br>white f from 217.5 ° to 218.5 °,<br>green f from 218.5° to 219.5 °.<br>S. L.S. D.C.<br>Aid maintained by S.L.S.D.C. |
| 1405  | - LIGHT 203<br>About 40 feet outside channel limit.   |                                 | FI G 4s                | 28<br>9       |              | SG on pile .                   | Aid maintained by S.L.S.D.C.  |
| 1410  | - LIGHT 204<br>About 30 feet outside channel limit.   |                                 | FI R 4s                | 28<br>9       |              | TR on pile .                   | Aid maintained by S.L.S.D.C.  |
| 1415  | - <i>Lighted Buoy 205</i>   | 44-18-53.900N<br>075-57-20.100W | FI G 4s                |               |              | Green.                         | Aid maintained by S.L.S.D.C.  |
| 1420  | - LIGHT 206<br>About 25 feet outside channel limit.   | 44-18-36.000N<br>075-58-12.000W | Iso R 2s               | 28<br>9       |              | TR on pile .                   | Aid maintained by S.L.S.D.C.  |
| 1425  | - LIGHT 207<br>About 15 feet outside channel limit.   |                                 | FI G 4s                | 28<br>9       |              | SG on pile .                   | Aid maintained by S.L.S.D.C.  |
| 1430  | - LIGHT 209<br>About 40 feet outside channel limit.   | 44-17-54.000N<br>075-59-12.000W | FI G 2.5s              | 31<br>9       |              | SG on tower on cell.           | Aid maintained by S.L.S.D.C.  |
| 1435  | - <i>Lighted Buoy 208</i>   | 44-17-56.700N<br>075-59-22.700W | FI R 4s                |               |              | Red.                           | Aid maintained by S.L.S.D.C.  |
| 1440  | - <i>Lighted Buoy 209A</i>  | 44-17-36.700N<br>075-59-43.900W | FI G 4s                |               |              | Green.                         | Aid maintained by S.L.S.D.C.  |
| 1445  | - LIGHT 210<br>About 50 feet outside channel limit.   | 44-17-42.000N<br>075-59-54.000W | FI R 4s                | 28<br>9       |              | TR on pile.                    | Aid maintained by S.L.S.D.C.  |
| 1450  | - <i>Lighted Buoy 211</i>   | 44-17-14.900N<br>076-00-21.400W | FI G 4s                |               |              | Green.                         | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.  |
| 1455  | - <i>Lighted Buoy 212</i>   | 44-17-13.700N<br>076-00-35.500W | FI R 4s                |               |              | Red.                           | Aid maintained by S.L.S.D.C.  |
| 1460  | - LIGHT 213<br>40 feet outside channel limit.   | 44-16-54.000N<br>076-00-54.000W | FI G 2.5s              | 31<br>9       |              | SG on tower on cell.           | Aid maintained by S.L.S.D.C.  |
| 1465  | FISHER LANDING LIGHT  | 44-16-43.200N<br>076-00-37.700W | FI G 4s                | 11<br>3       | 4            | SG on column on concrete base. | Maintained from Apr. 1 to Dec. 15.<br>Aid maintained by S.L.S.D.C.  |
| 1470  | - LIGHT 214<br>Marks east side of Granite State Shoal, about 51 feet outside channel limit. |                                 | FI R 2.5s              | 28<br>9       |              | TR on tower.                   | RACON: M ( - - )<br>Aid maintained by S.L.S.D.C.  |
| 1473  | ROCK ISLAND LIGHT   | 44-16-51.840N<br>076-01-01.620W | F W                    |               |              |                                | Private aid.  |
| 1475  | - <i>Lighted Buoy 215</i>   | 44-16-46.400N<br>076-01-11.900W | Q G                    |               |              | Green.                         | Spar; winter maker.<br>Aid maintained by S.L.S.D.C.   |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure         | (8)<br>Remarks   |
|---|--|---------------------------------|-----------------------|---------------|--------------|--------------------------|--|
| <b>ST. LAWRENCE RIVER</b>   |  |                                 |                       |               |              |                          |  |
| <b>SUMMERLAND GROUP TO/A GRINDSTONE ISLAND (Chart 1437)(C)</b>  |  |                                 |                       |               |              |                          |  |
| <b>St. Lawrence Seaway</b>  |  |                                 |                       |               |              |                          |  |
| <i>Aids listed S.L.S.D.C. in the remarks section are operated and maintained by the St. Lawrence Seaway Development Corporation pursuant to an agreement with the U.S. Coast Guard authorized under 14 USC 81. Lighted buoys are set out in the spring as early as ice conditions permit and are maintained until ice conditions require their removal in the fall.</i> |  |                                 |                       |               |              |                          |  |
| 1480  | - Lighted Buoy 216   | 44-16-41.600N<br>076-01-34.300W | FI R 4s               |               |              | Red.                     | Winter marker.<br>Aid maintained by S.L.S.D.C.                     |
| 1485  | - Buoy 216A  | 44-16-34.200N<br>076-01-50.600W | FI R 4s               |               |              | Red nun.                 | Maintained from Apr. 1 to Dec. 15.<br>Aid maintained by S.L.S.D.C. |
| 1490  | - Lighted Buoy 217   | 44-16-08.700N<br>076-02-17.200W | FI G 4s               |               |              | Green.                   | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.               |
| 1495  | - Lighted Buoy 217A  | 44-15-36.000N<br>076-03-51.900W | Q G                   |               |              | Green.                   | Can Winter Mark<br>Aid maintained by S.L.S.D.C.                    |
| 1500  | - Lighted Buoy 218   | 44-15-45.200N<br>076-03-45.800W | FI R 4s               |               |              | Red.                     | Winter marker.<br>Aid maintained by S.L.S.D.C.                     |
| 1505  | - LIGHT 219<br>About 68 feet outside channel limit.  |                                 | FI G 4s               | 28<br>9       |              | SG on pile.              | Aid maintained by S.L.S.D.C.                                       |
| 1510  | - Lighted Buoy 221<br>Marks west side of shoal.  | 44-15-28.100N<br>076-04-02.300W | FI G 4s               |               |              | Green.                   | Aid maintained by S.L.S.D.C.                                       |
| 1515  | - LIGHT 222<br>Marks southeast side of Chapman Shoal, about 50 feet outside channel limit. |                                 | FI R 2.5s             | 28<br>9       |              | TR on tower.             | RACON: C ( - . - . )<br>Aid maintained by S.L.S.D.C.               |
| <b>Clayton Marina</b>   |  |                                 |                       |               |              |                          |  |
| <i>Buoys maintained from May 1 to Nov. 1.</i>   |  |                                 |                       |               |              |                          |  |
| 1517  | - Buoy 2   | 44-14-29.249N<br>076-04-14.788W |                       |               |              | Red nun.                 | Private aid.   |
| 1518  | - Buoy 4   | 44-14-29.249N<br>076-04-14.788W |                       |               |              | Red nun.                 | Private aid.   |
| 1519  | - Buoy 6   | 44-15-29.249N<br>076-04-14.788W |                       |               |              | Red nun.                 | Private aid.   |
| 1519.5  | - Buoy 8   | 44-14-29.249N<br>076-04-14.788W |                       |               |              | Red nun.                 | Private aid.   |
| <b>St. Lawrence Seaway</b>  |  |                                 |                       |               |              |                          |  |
| <i>Aids listed S.L.S.D.C. in the remarks section are operated and maintained by the St. Lawrence Seaway Development Corporation pursuant to an agreement with the U.S. Coast Guard authorized under 14 USC 81. Lighted buoys are set out in the spring as early as ice conditions permit and are maintained until ice conditions require their removal in the fall.</i> |  |                                 |                       |               |              |                          |  |
| 1520  | Clayton Shoal Lighted Buoy 1   | 44-14-44.200N<br>076-05-00.900W | FI G 4s               |               | 4            | Green.                   | Maintained from Apr. 1 to Dec. 15.<br>Aid maintained by S.L.S.D.C. |
| 1523  | CLAYTON CITY DOCK LIGHT  | 44-14-39.638N<br>076-04-59.159W | FI Y 2.5s             |               |              |                          | Private aid.   |
| 1525  | - Lighted Buoy 224   | 44-15-00.500N<br>076-05-10.900W | FI R 4s               |               |              | Red.                     | Aid maintained by S.L.S.D.C.                                       |
| 1527  | CLAYTON FLOATING DOCK LIGHT  | 44-14-35.465N<br>076-05-17.455W | FI W 4s               | 7<br>2        |              | Marks NE corner of dock. | Maintained from Apr. 1 to Dec. 31.<br>Private aid.                 |
| 1530  | MARY STREET DOCK LIGHT   | 44-14-12.300N<br>076-05-28.800W | F G                   | 12<br>4       |              | On steel post.           | Private aid.   |
| 1545  | - Lighted Buoy 225<br>Marks shoal.   | 44-14-33.400N<br>076-06-03.400W | FI G 4s               |               |              | Green.                   | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.               |



| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                 | (8)<br>Remarks  |
|---|---|---------------------------------|-----------------------|---------------|--------------|----------------------------------|---|
| <b>ST. LAWRENCE RIVER</b>   |   |                                 |                       |               |              |                                  |   |
| <b>SUMMERLAND GROUP TO/A GRINDSTONE ISLAND (Chart 1437)(C)</b>  |   |                                 |                       |               |              |                                  |   |
| <b>St. Lawrence Seaway</b>  |   |                                 |                       |               |              |                                  |   |
| <i>Aids listed S.L.S.D.C. in the remarks section are operated and maintained by the St. Lawrence Seaway Development Corporation pursuant to an agreement with the U.S. Coast Guard authorized under 14 USC 81. Lighted buoys are set out in the spring as early as ice conditions permit and are maintained until ice conditions require their removal in the fall.</i> |   |                                 |                       |               |              |                                  |   |
| 1550  | - LIGHT 226<br>Marks Calumet Shoal, about<br>188 feet outside channel<br>limit. |                                 | FI R 2.5s             | 23<br>7       |              | TR on pile.                      | Maintained from Apr. 1 to Dec.<br>15.<br>Aid maintained by S.L.S.D.C. |
| 1555  | - Lighted Buoy 226A   | 44-14-40.800N<br>076-06-04.200W | FI R 4s               |               |              | Red.                             | Winter marker.<br>Aid maintained by S.L.S.D.C.                        |
| 1560  | - LIGHT 227<br>About 322 feet outside<br>channel limit.                         | 44-14-24.000N<br>076-06-30.000W | F G                   | 23<br>7       |              | SG on tower on<br>concrete base. | Aid maintained by S.L.S.D.C.  |
| <b>GRINDSTONE ISLAND TO/A CARLETON ISLAND (Chart 1438)(C)</b>   |   |                                 |                       |               |              |                                  |   |
| <b>St. Lawrence Seaway</b>  |   |                                 |                       |               |              |                                  |   |
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| 1565  | - Buoy 228<br>Marks shoal.  | 44-14-31.600N<br>076-07-03.500W | FI R 4s               |               |              | Red nun.                         | Aid maintained by S.L.S.D.C.  |
| 1570  | - LIGHT 229   | 44-13-12.000N<br>076-09-36.000W | FI G 2.5s             | 28<br>9       |              | SG on pile.                      | Aid maintained by S.L.S.D.C.  |
| <b>CARDINAL TO/A WHALEBACK SHOAL (Chart 1435)(C)</b>  |   |                                 |                       |               |              |                                  |   |
| <b>St. Lawrence Seaway</b>  |   |                                 |                       |               |              |                                  |   |
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| <b>Wolfe Island Cut</b>   |   |                                 |                       |               |              |                                  |   |
| 1575  | - Lighted Buoy Pv2 (C)  | 44-14-00.000N<br>076-10-30.000W | Q R                   |               |              | Red.                             | Seasonal.   |
| 1580  | - Lighted Buoy Pv1 (C)  |                                 | FI G 4s               |               |              | Green.                           | Seasonal.   |
| 1595  | - North Lighted Buoy Pv6 (C)  |                                 | FI R 4s               |               |              | Red.                             | Seasonal.   |
| <b>GRINDSTONE ISLAND TO/A CARLETON ISLAND (Chart 1438)(C)</b>   |   |                                 |                       |               |              |                                  |   |
| <b>St. Lawrence Seaway</b>  |   |                                 |                       |               |              |                                  |   |
| <i>Aids listed S.L.S.D.C. in the remarks section are operated and maintained by the St. Lawrence Seaway Development Corporation pursuant to an agreement with the U.S. Coast Guard authorized under 14 USC 81. Lighted buoys are set out in the spring as early as ice conditions permit and are maintained until ice conditions require their removal in the fall.</i> |   |                                 |                       |               |              |                                  |   |
| 1605  | <b>Wolfe Island Light (C)</b>   | 44-14-18.000N<br>076-11-00.000W | F W                   | 37<br>11      | 12           | White pyramid<br>tower.          | Seasonal.   |
| 1610  | - LIGHT 231   | 44-12-18.000N<br>076-12-24.000W | FI G 4s               | 33<br>10      |              | SG on tower on<br>concrete base. | Aid maintained by S.L.S.D.C.  |
| 1615  | - Lighted Buoy 233<br>Marks north side of shoal.                                | 44-12-02.600N<br>076-13-36.800W | FI G 4s               |               |              | Green.                           | Year Round Lighted Buoy<br>Aid maintained by S.L.S.D.C.               |
| 1625  | - Lighted Buoy 234  | 44-12-12.500N<br>076-15-03.200W | FI R 4s               |               |              | Red.                             | Aid maintained by S.L.S.D.C.  |
| 1630  | - Lighted Buoy 235  | 44-11-40.100N<br>076-17-55.700W | Q G                   |               |              | Green.                           | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.                  |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|---|---|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>ST. LAWRENCE RIVER</b>   |   |                                 |                       |               |              |   |   |
| <b>GRINDSTONE ISLAND TO/A CARLETON ISLAND (Chart 1438)(C)</b>   |   |                                 |                       |               |              |   |   |
| <b>St. Lawrence Seaway</b>  |   |                                 |                       |               |              |   |   |
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| 1635  | BAYFIELD ISLAND LIGHT (C)   | 44-11-39.300N<br>076-19-42.400W |                       | 38<br>12      |              | White square skeleton tower with orange triangular day mark.                    | F R 260.5° to 262°, AI WR 262° to 262.25°, W phase increasing with bearing, F W 262.25° to 263.75°, AI WG 263.75° to 264°, G phase increasing with bearing, F G 264° to 265.5°. Seasonal. |
| 1640  | - Lighted Buoy 237  | 44-11-20.800N<br>076-18-28.000W | FI G 4s               |               |              | Green.  | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.  |
| 1645  | - Lighted Buoy 236  | 44-11-21.200N<br>076-19-06.200W | FI R 4s               |               |              | Red.  | Aid maintained by S.L.S.D.C.  |
| 1650  | - Lighted Buoy 238  | 44-10-05.100N<br>076-19-27.100W | FI R 4s               |               |              | Red.  | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.  |
| 1655  | IRVINE POINT RANGE FRONT LIGHT (C)  | 44-12-18.000N<br>076-18-36.000W | F R                   | 35<br>11      |              | Orange rectangular day mark with black vertical stripe on white skeleton tower. | Visible on range line only.<br>Seasonal.  |
| 1660  | IRVINE POINT RANGE REAR LIGHT (C)<br>2,560 feet, 013.3° from front light. |                                 | F R                   | 70<br>21      |              | Orange rectangular day mark with black vertical stripe on white skeleton tower. | Visible on range line only.<br>Seasonal.  |
| 1665  | - Lighted Buoy 239  | 44-10-31.600N<br>076-19-05.100W | FI G 4s               |               |              | Green.  | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.  |
| 1670  | CARLETON ISLAND LEADING LIGHT   | 44-10-12.000N<br>076-18-42.000W | F G                   | 29<br>9       |              | Orange triangular day mark with black stripes on square tower.                  | Visible on bearing 033° only.<br>Aid maintained by S.L.S.D.C.   |
| 1675  | - Lighted Buoy 240  | 44-09-04.700N<br>076-19-49.300W | Q R                   |               |              | Red.  | Spar; winter marker.<br>Aid maintained by S.L.S.D.C.  |
| <b>CARLETON ISLAND TO/A CHARITY SHOAL (Chart 1439)(C)</b>   |   |                                 |                       |               |              |   |   |
| <b>St. Lawrence Seaway</b>  |   |                                 |                       |               |              |   |   |
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| 1680  | - Lighted Buoy 241  | 44-08-38.900N<br>076-19-31.700W | FI G 4s               |               |              | Green.  | Aid maintained by S.L.S.D.C.  |
| 1685  | Carleton Island South Channel Buoy 1                                      | 44-10-00.000N<br>076-17-48.510W |                       |               |              | Green can.  | Maintained from Apr 28 to Nov 28.<br>Aid maintained by S.L.S.D.C.   |
| 1690  | Carleton Island South Channel Buoy 3                                      | 44-09-53.930N<br>076-18-18.740W |                       |               |              | Green can.  | Maintained from Apr 28 to Nov 28.<br>Aid maintained by S.L.S.D.C.   |
| 1695  | Carleton Island South Channel Buoy 5                                      | 44-09-45.760N<br>076-18-48.440W |                       |               |              | Green can.  | Maintained from Apr 28 to Nov 28.<br>Aid maintained by S.L.S.D.C.   |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                     | (8)<br>Remarks  |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>ST. LAWRENCE RIVER</b>   |   |                                 |                       |               |              |  |   |
| <b>CARLETON ISLAND TO/A CHARITY SHOAL (Chart 1439)(C)</b>   |   |                                 |                       |               |              |  |   |
| <b>St. Lawrence Seaway</b>  |   |                                 |                       |               |              |  |   |
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| 1700  | CAPE VINCENT<br>BREAKWATER EAST END<br>LIGHT                                    | 44-07-56.900N<br>076-19-49.500W | Q W                   | 20<br>6       | 6            | SG on post.  | Aid maintained by S.L.S.D.C.  |
| 1705  | CAPE VINCENT<br>BREAKWATER WEST END<br>LIGHT                                    | 44-07-53.200N<br>076-20-07.200W | F R                   | 20<br>6       | 6            | TR on post.  | Higher intensity on bearing 068°<br>and 193°.<br>Aid maintained by S.L.S.D.C. |
| 1710  | - <i>Lighted Buoy 242</i>   | 44-08-01.700N<br>076-20-57.500W | FI R 4s               |               |              | Red.   | Aid maintained by S.L.S.D.C.  |
| 1720  | - <i>Lighted Buoy 243</i>   | 44-07-45.600N<br>076-20-40.400W | FI G 4s               |               |              | Green.   | Aid maintained by S.L.S.D.C.  |
| 1725  | - <i>Lighted Buoy 244</i><br>Marks shoal.                                       | 44-07-12.500N<br>076-22-39.400W | FI R 4s               |               |              | Red.   | Aid maintained by S.L.S.D.C.  |
| 1735  | <b>Tibbetts Point Light</b>   | 44-06-02.237N<br>076-22-14.204W | Oc W 10s              | 69<br>21      | 16           | White conical<br>tower.<br>69                        | Standby light of reduced<br>intensity shows Oc W 4s. AIS<br>MMSI: 993672194   |
| 1745  | <i>Tibbetts Point Traffic Lighted<br/>Buoy</i>                                  | 44-06-02.700N<br>076-24-20.400W | Mo (A) W              |               |              | Red and white<br>stripes.                            | Aid maintained by S.L.S.D.C.  |
| 1750  | - <i>Lighted Buoy 245</i>   | 44-05-45.400N<br>076-23-18.800W | FI G 4s               |               |              | Green.   | Aid maintained by S.L.S.D.C.  |
| <b>LAKE ONTARIO</b>   |   |                                 |                       |               |              |  |   |
| <b>CLAYTON TO FALSE DUCK ISLAND (Chart 14802)</b>   |   |                                 |                       |               |              |  |   |
| 1755  | <i>Allan Otty Shoal Lighted Buoy<br/>2</i><br>Marks southeast side of<br>shoal. | 44-03-49.600N<br>076-27-01.100W | FI R 4s               |               |              | Red.   | Aid maintained by S.L.S.D.C.  |
| 1760  | EAST CHARITY SHOAL<br>LIGHT<br>Marks east side of Charity<br>Shoals Group.      | 44-02-12.592N<br>076-28-52.957W | FI W 4s               | 52<br>16      | 9            | Tower.   |   |
| 1765  | <i>East Charity Shoal Traffic<br/>Lighted Buoy</i>                              | 44-01-32.580N<br>076-27-16.020W | Mo (A) W              |               |              | Red and white<br>stripes.                            | Aid maintained by S.L.S.D.C.  |
| 1770  | <i>Stony Island Lighted Buoy 2</i>  | 43-55-10.467N<br>076-17-41.054W | FI R 4s               |               | 4            | Red.   | Maintained from May 7 to Nov.<br>14.  |
| 1775  | <i>Point Peninsula Lighted Buoy 3</i>   | 43-56-53.113N<br>076-16-24.248W | FI G 6s               |               | 4            | Green.   | Maintained from May 7 to Nov.<br>14.  |
| <b>CHAUMONT, HENDERSON AND BLACK RIVER BAYS (Chart 14811)</b>   |   |                                 |                       |               |              |  |   |
| <b>Chaumont Bay</b>   |   |                                 |                       |               |              |  |   |
| 1780  | CHERRY ISLAND LIGHT   | 44-00-52.332N<br>076-11-11.676W | FI W 4s               | 43<br>13      | 8            | NR on white<br>skeleton tower with<br>enclosed base. |   |
| 1785  | <i>Johnson Shoal Lighted Buoy 1</i>   | 44-02-59.198N<br>076-09-53.749W | FI G 4s               |               | 3            | Green.   | Maintained from May 14 to Nov.<br>1.  |
| 1790  | - <i>Junction Lighted Buoy</i>  | 44-03-21.697N<br>076-09-08.450W | FI (2+1)G 6s          |               | 3            | Green and red<br>bands.                              | Maintained from May 14 to Nov.<br>1.  |
| 1795  | Chaumont Harbor Day beacon<br>2<br>Marks rock.                                  | 44-03-37.640N<br>076-08-15.340W |                       |               |              | TR on pile on<br>concrete base.                      |   |
| 1800  | CHAUMONT HARBOR LIGHT   | 44-03-31.880N<br>076-08-45.200W | F G                   | 30<br>9       | 6            | SG on skeleton<br>tower with enclosed<br>base.       |   |
| 1805  | CRESENT MARINE PIER<br>LIGHT  | 44-03-48.000N<br>076-08-04.300W | F R                   | 9<br>3        |              | Post.  | Maintained from May 1 to Dec.<br>1.<br>Private aid.                           |

| (1)<br>No.   | (2)<br>Name and Location                   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                       | (8)<br>Remarks   |
|--|--|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>LAKE ONTARIO</b>  |  |                                 |                       |               |              |  |  |
| <b>CHAUMONT, HENDERSON AND BLACK RIVER BAYS (Chart 14811)</b>  |  |                                 |                       |               |              |  |  |
| <b>Chaumont Bay</b>  |  |                                 |                       |               |              |  |  |
| <b>Chaumont Shoal</b>  |  |                                 |                       |               |              |  |  |
| <i>Buoys maintained from Apr. 30 to Oct. 30. Due to shifting sandbar, buoys may be relocated without prior notice.</i> |  |                                 |                       |               |              |  |  |
| 1810   | - Buoy A                                   | 44-03-55.674N<br>076-09-03.855W |                       |               |              | White can with orange bands and diamond worded DANGER. | Private aid.   |
| 1815   | - Buoy B                                   | 44-03-57.671N<br>076-09-01.038W |                       |               |              | White can with orange bands and diamond worded DANGER. | Private aid.   |
| 1820   | - Buoy C                                   | 44-03-59.301N<br>076-08-56.792W |                       |               |              | White can with orange bands and diamond worded DANGER. | Private aid.   |
| 1825   | - Lighted Buoy D                           | 44-05-08.000N<br>076-08-50.174W | FI W 2s               |               |              | White with orange bands and diamond worded DANGER.     | Private aid.   |
| 1830   | - Buoy E                                   | 44-04-00.000N<br>076-08-50.787W |                       |               |              | White can with orange bands and diamond worded DANGER. | Private aid.   |
| 1835   | - Buoy F                                   | 44-04-01.000N<br>076-08-52.000W |                       |               |              | White can with orange bands and diamond worded DANGER. | Private aid.   |
| 1840   | - Buoy G                                   | 44-04-02.876N<br>076-08-52.471W |                       |               |              | White can with orange bands and diamond worded DANGER. | Private aid.   |
| 1845   | - Buoy H                                   | 44-04-04.000N<br>076-08-56.000W |                       |               |              | White can with orange bands and diamond worded DANGER. | Private aid.   |
| <b>Black River Bay</b>   |  |                                 |                       |               |              |  |  |
| 1850   | SACKETS HARBOR LIGHT                       | 43-56-37.414N<br>076-08-43.036W | FI W 2.5s             | 57<br>17      | 5            | NB on gray skeleton tower.                             | Light obscured by trees 092° to 157° and 242° to 267°. |
| 1852   | <i>Horse Island Lighted Buoy 2</i>         | 43-56-30.935N<br>076-09-11.955W | FI R 4s               |               | 3            | Red.   | Maintained from May 14 to Nov. 01.                     |
| <b>Navy Point</b>  |  |                                 |                       |               |              |  |  |
| <i>Aids maintained from Jun. 1 to Nov. 1.</i>  |  |                                 |                       |               |              |  |  |
| 1855   | - LIGHT                                    | 43-57-01.300N<br>076-07-16.300W | FI R 4s               | 27<br>8       | 4            | TR on post.  |  |
| 1860   | - MARINE DOCK LIGHT 4                      | 43-56-58.000N<br>076-07-20.000W | F R                   | 15<br>5       |              | TR on post.  | Private aid.   |
| 1865   | - Marina Anchorage Lighted Buoy A          | 43-56-58.000N<br>076-07-18.000W | Q Y                   |               |              | Yellow.  | Private aid.   |
| 1870   | - Marina Anchorage Lighted Buoy B          | 43-57-02.000N<br>076-07-16.800W | Q Y                   |               |              | Yellow.  | Private aid.   |
| 1875   | - Marina Anchorage Lighted Buoy C          | 43-57-03.500N<br>076-07-18.700W | Q Y                   |               |              | Yellow.  | Private aid.   |
| 1880   | - Marina Anchorage Lighted Buoy D          | 43-57-04.000N<br>076-07-23.600W | Q Y                   |               |              | Yellow.  | Private aid.   |
| <b>Black River Bay</b>   |  |                                 |                       |               |              |  |  |
| 1882   | MADISON BARRACKS<br>MARINA ENTRANCE LIGHT  | 43-57-17.900N<br>076-06-44.900W | F R                   | 17<br>5       |              | TR on post.  | Maintained from May 1 to Oct. 1.<br>Private aid.       |
| 1885   | <i>Black River Entrance Lighted Buoy 1</i> | 43-59-12.000N<br>076-04-42.000W | FI G 4s               |               |              | Green.   | Maintained from Apr. 30 to Sep. 30.<br>Private aid.    |
| 1890   | <i>Black River Entrance Lighted Buoy 2</i> | 43-59-06.000N<br>076-04-36.000W | FI R 4s               |               |              | Red.   | Maintained from Apr. 30 to Sep. 30.<br>Private aid.    |

| (1)<br>No.  | (2)<br>Name and Location                | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks  |
|---|---|---------------------------------|-----------------------|---------------|--------------|------------------|---|
| <b>LAKE ONTARIO</b>   |   |                                 |                       |               |              |                  |   |
| <b>CHAUMONT, HENDERSON AND BLACK RIVER BAYS (Chart 14811)</b> |   |                                 |                       |               |              |                  |   |
| <b>Black River Bay</b>  |   |                                 |                       |               |              |                  |   |
| 1895  | - Buoy 3                                | 43-58-53.200N<br>076-05-04.200W |                       |               |              | Green can.       | Maintained f from Apr. 30 to Sep. 30.<br>Private aid. |
| 1900  | - Buoy 4                                | 43-58-53.200N<br>076-05-04.200W |                       |               |              | Red spar.        | Maintained f from Apr. 30 to Sep. 30.<br>Private aid. |
| 1905  | - Buoy 5                                | 43-59-00.100N<br>076-04-57.900W |                       |               |              | Green can.       | Maintained f from Apr. 30 to Sep. 30.<br>Private aid. |
| 1910  | - Buoy 6                                | 43-58-56.700N<br>076-04-55.800W |                       |               |              | Red spar.        | Maintained f from Apr. 30 to Sep. 30.<br>Private aid. |
| 1915  | - Buoy 7                                | 43-59-05.800N<br>076-04-46.200W |                       |               |              | Green can.       | Maintained f from Apr. 30 to Sep. 30.<br>Private aid. |
| 1920  | - Buoy 8                                | 43-59-04.300N<br>076-04-43.900W |                       |               |              | Red spar.        | Maintained f from Apr. 30 to Sep. 30.<br>Private aid. |
| 1925  | - Buoy 9                                | 43-59-08.800N<br>076-04-40.900W |                       |               |              | Green can.       | Maintained f from Apr. 30 to Sep. 30.<br>Private aid. |
| 1930  | - Buoy 10                               | 43-59-08.800N<br>076-04-37.700W |                       |               |              | Red spar.        | Maintained f from Apr. 30 to Sep. 30.<br>Private aid. |
| 1935  | - Buoy 11                               | 43-59-59.100N<br>076-03-30.500W |                       |               |              | Green can.       | Maintained f from Apr. 30 to Sep. 30.<br>Private aid. |
| <b>Henderson Bay</b>  |   |                                 |                       |               |              |                  |   |
| 1940  | <i>Lime Barrel Shoal Lighted Buoy 1</i> | 43-54-44.218N<br>076-11-55.739W | FI G 4s               |               | 4            | Green.           | Maintained from May 7 to Nov. 14.                     |
| 1943  | - Buoy 1                                | 43-54-27.500N<br>076-08-34.900W |                       |               |              | Green can.       | Maintained from May 14 to Nov. 1.                     |
| 1945  | WESTCOTT BEACH STATE PARK LIGHT 1       | 43-54-04.100N<br>076-07-38.000W | FI G 3s               | 19<br>6       |              | SG on post.      | Maintained from Apr. 1 to Dec. 1.<br>Private aid.     |
| 1950  | WESTCOTT BEACH STATE PARK LIGHT 2       | 43-54-05.000N<br>076-07-40.500W | FI R 3s               | 19<br>6       |              | TR on post.      | Maintained from Apr. 1 to Dec. 1.<br>Private aid.     |
| <b>Henderson Harbor Special Anchorage</b>                     |   |                                 |                       |               |              |                  |   |
| <i>Maintained from May 1 to Oct. 30.</i>                      |   |                                 |                       |               |              |                  |   |
| 1955  | - LIGHT A                               | 43-51-08.800N<br>076-12-08.900W | FI Y 4s               | 5<br>2        |              | On yellow post.  | Private aid.  |
| 1960  | - Lighted Buoy B                        | 43-51-09.000N<br>076-12-19.000W | FI Y 4s               |               |              | Yellow.          | Private aid.  |
| 1965  | - Lighted Buoy C                        | 43-51-23.800N<br>076-12-19.000W | FI Y 4s               |               |              | Yellow.          | Private aid.  |
| 1970  | - Lighted Buoy D                        | 43-51-23.800N<br>076-12-09.600W | FI Y 4s               |               |              | Yellow.          | Private aid.  |
| 1975  | - Lighted Buoy E                        | 43-51-21.700N<br>076-12-05.500W | FI Y 4s               |               |              | Yellow.          | Private aid.  |
| 1980  | - Lighted Buoy F                        | 43-51-33.400N<br>076-12-06.200W | FI Y 4s               |               |              | Yellow.          | Private aid.  |
| 1985  | - LIGHT G                               | 43-51-33.600N<br>076-12-00.800W | FI Y 4s               | 5<br>2        |              | On yellow post.  | Private aid.  |
| 1990  | - Lighted Buoy H                        | 43-51-21.800N<br>076-11-58.200W | FI Y 4s               |               |              | Yellow.          | Private aid.  |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                          | (8)<br>Remarks  |
|---|---|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE ONTARIO</b>                                   |   |                                 |                       |               |              |   |   |
| <b>CLAYTON TO FALSE DUCK ISLAND (Chart 14802)</b>     |   |                                 |                       |               |              |   |   |
| <b>Henderson Bay</b>                                  |   |                                 |                       |               |              |   |   |
| 1995  | <i>Galloo Island Shoal Lighted Buoy 3</i><br>Marks southwest side of shoal. | 43-53-43.518N<br>076-28-34.731W | FI G 4s               |               | 4            | Green.                                    | Replaced by can f from Nov. 14 to May 7.              |
| 2005  | Calf Island Spit Buoy 5   | 43-51-23.254N<br>076-23-26.416W |                       |               |              | Green can.                                |   |
| 2010  | STONY POINT LIGHT   | 43-50-19.548N<br>076-17-55.944W | Iso R 6s              | 40            | 6            | TR on skeleton tower.                     |   |
| 2015  | PORT ONTARIO LIGHT  | 43-34-27.000N<br>076-12-08.000W | FI W 2s               | 50            |              | Cupola on three-story gray house.         | Maintained f from Mar. 1 to Dec. 1.<br>Private aid.   |
| <b>Stony Creek Bay</b>                                |   |                                 |                       |               |              |   |   |
| <i>Buoys maintained from Apr. 30 to Sep. 30.</i>      |   |                                 |                       |               |              |   |   |
| 2019  | - Lighted Channel Buoy 1  | 43-48-30.000N<br>076-14-54.000W | FI G 2s               |               |              | Green.                                    | Private aid.  |
| 2019.1  | - Lighted Channel Buoy 2  | 43-48-30.000N<br>076-14-54.000W | FI R 2s               |               |              | Red.                                      | Private aid.  |
| 2019.2  | - Channel Buoy 3  | 43-48-30.000N<br>076-14-54.000W |                       |               |              | Green can.                                | Private aid.  |
| 2019.3  | - Channel Buoy 4  | 43-48-30.000N<br>076-14-54.000W |                       |               |              | Red nun.                                  | Private aid.  |
| 2020  | Drowned Island Buoy 7   | 43-47-23.218N<br>076-14-38.201W |                       |               |              | Green can.                                |   |
| <b>SOUTH OF STONY POINT TO PORT BAY (Chart 14803)</b> |   |                                 |                       |               |              |   |   |
| <b>Port Ontario</b>                                   |   |                                 |                       |               |              |   |   |
| 2025  | - LIGHT 2   | 43-34-39.880N<br>076-12-20.420W | FI R 2.5s             | 36            | 4            | Red and white cylindrical tower on jetty. |   |
| 2030  | - LIGHT 3   | 43-34-38.699N<br>076-12-15.870W | FI G 2.5s             | 34            | 3            | SG on pile on jetty.                      |   |
| 2035  | - Buoy 4  | 43-34-35.456N<br>076-12-15.005W |                       |               |              | Red nun.                                  | Maintained f from May 14 to Nov. 1.                   |
| 2040  | - Buoy 6  | 43-34-33.287N<br>076-12-13.142W |                       |               |              | Red nun.                                  | Maintained f from May 14 to Nov. 1.                   |
| 2045  | MEXICO POINT LIGHT  | 43-31-24.000N<br>076-15-18.000W | FI W 5s               | 17            |              | On aluminum post.                         | Maintained f from Apr. 15 to Nov. 15.<br>Private aid. |
| 2050  | MEXICO POINT BOAT LAUNCH LIGHT 1  | 43-31-54.000N<br>076-15-41.000W | FI G 4s               | 10            |              | On post.                                  | Maintained f from Apr. 15 to Nov. 15.<br>Private aid. |
| 2055  | MEXICO POINT BOAT LAUNCH LIGHT 2  | 43-31-00.630N<br>076-15-52.000W | FI R 4s               | 10            |              | On post.                                  | Maintained f from Apr. 15 to Nov. 15.<br>Private aid. |
| 2056  | Little Salmon River Buoy 2  | 43-31-45.000N<br>076-15-41.000W |                       |               |              | Red can.                                  | Maintained f from May 14 to Nov. 1.<br>Private aid.   |
| 2056.2  | Little Salmon River Buoy 4  | 43-31-40.000N<br>076-15-36.000W |                       |               |              | Red nun.                                  | Maintained f from May 14 to Nov. 1.<br>Private aid.   |
| 2056.3  | Little Salmon River Buoy 5  | 43-31-39.000N<br>076-15-33.000W |                       |               |              | Green can.                                | Maintained f from May 14 to Nov. 1.<br>Private aid.   |
| 2056.4  | Little Salmon River Buoy 6  | 43-31-32.000N<br>076-15-37.000W |                       |               |              | Red nun.                                  | Maintained f from May 14 to Nov. 1.<br>Private aid.   |
| 2056.5  | Little Salmon River Buoy 7  | 43-31-32.000N<br>076-15-31.000W |                       |               |              | Green can.                                | Maintained f from May 14 to Nov. 1.<br>Private aid.   |
| 2056.6  | Little Salmon River Buoy 8  | 43-31-25.000N<br>076-15-34.000W |                       |               |              | Red nun.                                  | Maintained f from May 14 to Nov. 1.<br>Private aid.   |

| (1)<br>No.  | (2)<br>Name and Location    | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks   |
|---|-----------------------------|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>LAKE ONTARIO</b>                                   |                             |                                 |                       |               |              |  |  |
| <b>SOUTH OF STONY POINT TO PORT BAY (Chart 14803)</b> |                             |                                 |                       |               |              |  |  |
| <b>Port Ontario</b>                                   |                             |                                 |                       |               |              |  |  |
| 2056.7  | Little Salmon River Buoy 9  | 43-31-27.000N<br>076-15-35.000W |                       |               |              | Green can.   | Maintained from May 14 to Nov. 1.<br>Private aid.        |
| 2056.8  | Little Salmon River Buoy 10 | 43-31-42.000N<br>076-15-18.000W |                       |               |              | Red nun.   | Maintained from May 14 to Nov. 1.<br>Private aid.        |
| 2056.9  | Little Salmon River Buoy 11 | 43-31-43.000N<br>076-15-14.000W |                       |               |              | Green can.   | Maintained from May 14 to Nov. 1.<br>Private aid.        |
| 2057  | Little Salmon River Buoy 12 | 43-31-35.000N<br>076-15-08.000W |                       |               |              | Red nun.   | Maintained from May 14 to Nov. 1.<br>Private aid.        |
| 2057.1  | Little Salmon River Buoy 13 | 43-31-35.000N<br>076-15-06.000W |                       |               |              | Green can.   | Maintained from May 14 to Nov. 1.<br>Private aid.        |
| <b>Constellation Nuclear Security Zone</b>            |                             |                                 |                       |               |              |  |  |
| 2060  | - No Entry Buoy A           | 43-31-00.000N<br>076-25-41.800W |                       |               |              | White can with orange bands orange exclusion symbol and worded NO ENTRY. | Replaced by spar from Nov. 1 to Apr. 15.<br>Private aid. |
| 2060.1  | - No Entry Buoy B           | 43-31-12.000N<br>076-25-42.000W |                       |               |              | White can with orange bands orange exclusion symbol and worded NO ENTRY. | Replaced by spar from Nov. 1 to Apr. 15.<br>Private aid. |
| 2060.2  | - No Entry Buoy C           | 43-31-19.560N<br>076-25-26.940W |                       |               |              | White can with orange bands orange exclusion symbol and worded NO ENTRY. | Replace by spar from Nov. 1 to Apr 15.<br>Private aid.   |
| 2060.3  | - No Entry Buoy D           | 43-31-27.010N<br>076-25-11.940W |                       |               |              | White can with orange bands orange exclusion symbol and worded NO ENTRY. | Replaced by spar from Nov. 1 to Apr 15.<br>Private aid.  |
| 2060.4  | - No Entry Buoy E           | 43-31-34.500N<br>076-24-56.820W |                       |               |              | White can with orange bands orange exclusion symbol and worded NO ENTRY. | Replaced by spar from Nov. to Apr. 15.<br>Private aid.   |
| 2060.5  | - No Entry Buoy F           | 43-31-37.860N<br>076-24-39.300W |                       |               |              | White can with orange bands orange exclusion symbol and worded NO ENTRY. | Replaced by spar from Nov. 1 to Apr 15.<br>Private aid.  |
| 2060.6  | - No Entry Buoy G           | 43-31-39.660N<br>076-24-21.240W |                       |               |              | White can with orange bands orange exclusion symbol and worded NO ENTRY. | Replaced by spar from Nov. 1 to Apr 15.<br>Private aid.  |
| 2060.7  | - No Entry Buoy H           | 43-31-41.760N<br>076-24-03.240W |                       |               |              | White can with orange bands orange exclusion symbol and worded NO ENTRY. | Replaced by spar from Nov. 1 to Apr. 15.<br>Private aid. |

| (1)<br>No.  | (2)<br>Name and Location                       | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE ONTARIO</b>                                   |  |                                 |                       |               |              |  |   |
| <b>SOUTH OF STONY POINT TO PORT BAY (Chart 14803)</b> |  |                                 |                       |               |              |  |   |
| <b>Port Ontario</b>                                   |  |                                 |                       |               |              |  |   |
| <b>Constellation Nuclear Security Zone</b>            |  |                                 |                       |               |              |  |   |
| 2060.8  | - No Entry Buoy I                              | 43-31-44.000N<br>076-23-45.240W |                       |               |              | White can with orange bands orange exclusion symbol and worded NO ENTRY. | Replaced by spar f from Nov. 1 to Apr. 15.<br>Private aid.  |
| 2060.9  | - No Entry Buoy J                              | 43-31-45.800N<br>076-23-28.620W |                       |               |              | White can with orange bands orange exclusion symbol and worded NO ENTRY. | Replaced by spar f from Nov. 1 to Apr. 15.<br>Private aid.  |
| 2061  | - No Entry Buoy K                              | 43-31-48.000N<br>076-23-12.000W |                       |               |              | White can with orange bands orange exclusion symbol and worded NO ENTRY. | Replaced by spar f from Nov. 1 to Apr 15.<br>Private aid.   |
| 2061.1  | - No Entry Buoy L                              | 43-31-35.640N<br>076-23-12.000W |                       |               |              | White can with orange bands orange exclusion symbol and worded NO ENTRY. | Replaced by spar f from Nov. 1 to Apr 15.<br>Private aid.   |
| <b>OSWEGO HARBOR (Chart 14813)</b>                    |  |                                 |                       |               |              |  |   |
| <b>Oswego Harbor</b>                                  |  |                                 |                       |               |              |  |   |
| 2065  | - DETACHED BREAKWATER WEST END LIGHT           | 43-28-34.550N<br>076-30-57.820W | FI G 4s               | 30<br>9       | 6            | SG on gray post.   | Vessels enroute to or from harbor should use new lake approach channel to westward of Oswego Detached Breakwater. |
| 2070  | - DETACHED BREAKWATER EAST END LIGHT           | 43-28-32.413N<br>076-30-46.986W | FI Y 4s               | 30<br>9       | 7            | NB on gray post.   | Vessels enroute to or from harbor should use new lake approach channel to westward of Oswego Detached Breakwater. |
| 2075  | - EAST BREAKWATER LIGHT                        | 43-28-25.789N<br>076-30-51.287W | FI G 6s               | 43<br>13      | 6            | SG on gray post.   |   |
| 2080  | - <b>West Pierhead Light</b>                   | 43-28-23.735N<br>076-31-01.352W | FI R 10s              | 57<br>17      | 11           |  | HORN: 1 blast ev 30s (3s bl). Operates by keying microphone five times on VHF-FM Ch. 83A.                         |
| 2090  | - Inner Buoy 1<br>On southeast point of shoal. | 43-27-59.654N<br>076-30-45.257W |                       |               |              | Green can.   |   |
| 2095  | - <i>Inner Lighted Buoy 2</i>                  | 43-27-58.448N<br>076-30-52.600W | FI R 4s               |               | 4            | Red.   | Replaced by nun from Nov. 14 to May 7.  |
| 2097  | - Inner Buoy 4                                 | 43-27-53.935N<br>076-30-50.118W |                       |               |              | Red nun.   |   |
| 2100  | - <i>Canal Channel Lighted Buoy 6</i>          | 43-27-35.490N<br>076-30-39.612W | FI R 6s               |               | 4            | Red  | Maintained f from May . 14 to Nov . 1.  |
| 2103  | <i>Kokosing North Mooring</i>                  | 43-28-07.600N<br>076-31-01.200W | Q W                   |               |              |  | Private aid.  |
| 2103.1  | <i>Kokosing South Mooring</i>                  | 43-28-12.000N<br>076-30-59.800W | Q W                   |               |              |  | Private aid.  |
| 2105  | - WEST CHANNEL LIGHT 2                         | 43-27-58.303N<br>076-31-12.361W | FI R 4s               | 36<br>11      | 4            | TR on pile.  |   |
| 2110  | - West Channel Buoy 3                          | 43-27-53.246N<br>076-31-13.493W |                       |               |              | Green can.   | Maintained f from May 14 to Nov 1.  |
| 2115  | - West Channel Buoy 5                          | 43-27-47.646N<br>076-31-27.894W |                       |               |              | Green can.   | Maintained f from May 14 to Nov 1.  |



| (1)<br>No.  | (2)<br>Name and Location                 | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks                                     |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE ONTARIO</b>                                   |  |                                 |                       |               |              |   |  |
| <b>OSWEGO HARBOR (Chart 14813)</b>                    |  |                                 |                       |               |              |   |  |
| <b>Oswego Harbor</b>                                  |  |                                 |                       |               |              |   |  |
| 2120  | - West Channel Buoy 7                    | 43-27-41.945N<br>076-31-41.895W |                       |               |              | Green can.  | Maintained from May 14 to Nov 1.                   |
| <b>SOUTH OF STONY POINT TO PORT BAY (Chart 14803)</b> |  |                                 |                       |               |              |   |  |
| 2130  | <i>Ford Shoal Lighted Buoy 1</i>         | 43-26-57.258N<br>076-35-20.715W | FI G 4s               |               | 4            | Green.  | Maintained from May 7 to to Nov. 14.               |
| 2131.1  | USGS 1                                   | 43-25-09.000N<br>076-37-18.000W | Q Y                   |               |              |   | Private aid.                                       |
| 2131.2  | USGS 2                                   | 43-25-34.020N<br>076-38-40.020W | Q Y                   |               |              |   | Private aid.                                       |
| 2131.3  | USGS 3                                   | 43-27-03.000N<br>076-39-10.020W | Q Y                   |               |              |   | Private aid.                                       |
| 2131.4  | USGS 4                                   | 43-28-18.720N<br>076-40-03.000W | Q Y                   |               |              |   | Private aid.                                       |
| 2131.5  | USGS 5                                   | 43-32-59.220N<br>076-41-49.260W | Q Y                   |               |              |   | Private aid.                                       |
| 2135  | FAIR HAVEN BREAKWATER LIGHT 2            | 43-21-01.200N<br>076-42-30.800W | FI R 4s               | 28<br>9       | 7            | TR on post.   |  |
| 2140  | FAIR HAVEN BREAKWATER LIGHT 1            | 43-21-01.100N<br>076-42-27.000W | FI G 4s               | 30<br>9       | 6            | SG on post.   |  |
| <b>PORT BAY TO LONG POND (Chart 14804)</b>            |  |                                 |                       |               |              |   |  |
| <b>Port Bay</b>                                       |  |                                 |                       |               |              |   |  |
| <i>Aids maintained from May 1 to Oct. 20.</i>         |  |                                 |                       |               |              |   |  |
| 2145  | - Entrance Lighted Buoy 1                | 43-18-19.500N<br>076-50-14.000W | Iso G 2s              |               |              | Green.  | Private aid.                                       |
| 2150  | - ENTRANCE LIGHT 2                       | 43-18-19.500N<br>076-50-15.200W | Q R                   | 21<br>6       |              | On red pile.  | Private aid.                                       |
| 2155  | - Lighted Buoy 3                         | 43-18-17.000N<br>076-50-15.200W | Iso G 2s              |               |              | Green.  | Private aid.                                       |
| 2165  | - Lighted Buoy 5                         | 43-18-15.000N<br>076-50-15.000W | Iso G 2s              |               |              | Green.  | Private aid.                                       |
| <b>SODUS BAY (Chart 14814)</b>                        |  |                                 |                       |               |              |   |  |
| <b>Sodus Bay</b>                                      |  |                                 |                       |               |              |   |  |
| 2168  | <i>SUNY ESF Buoy</i>                     | 43-16-54.600N<br>076-57-39.000W | FI Y 4s               |               |              |   | Maintained from Apr. 1 to Nov. 30.<br>Private aid. |
| 2170  | <b>Sodus Outer Light</b>                 | 43-16-38.674N<br>076-58-26.242W | Iso R 6s              | 51<br>16      | 10           | Tower.  |  |
| 2180  | - EAST PIER LIGHT 1                      | 43-16-36.926N<br>076-58-21.350W | FI G 4s               | 18<br>5       | 6            | SG on grey post.  |  |
| 2182  | - Channel Lighted Buoy 4                 | 43-16-20.067N<br>076-58-25.846W | FI R 2.5s             |               | 3            | Red.  | Maintained from May 14 to Nov. 1.                  |
| 2185  | - Channel Lighted Buoy 5                 | 43-16-20.036N<br>076-58-21.285W | FI G 2.5s             |               | 3            | Green.  | Maintained from May 14 to Nov. 1.                  |
| 2190  | - LIGHT 6                                | 43-16-11.700N<br>076-58-25.930W | FI R 4s               | 18<br>5       | 4            | TR on white column.   |  |
| 2200  | <i>Newark Island Danger Lighted Buoy</i> | 43-15-57.700N<br>076-57-34.900W | Q W                   |               | 3            | White can with orange bands and diamond worded DANGER ROCKS | Maintained from May 14 to Nov. 1.                  |
| 2205  | - Special Anchorage Buoy A               | 43-15-51.840N<br>076-58-32.052W |                       |               |              | Yellow can.   | Maintained from May 14 to Nov. 1.                  |
| 2207  | - Special Anchorage Buoy B               | 43-15-53.556N<br>076-58-46.140W |                       |               |              | Yellow can.   | Maintained from May 14 to Nov. 1.                  |
| 2209  | - Special Anchorage Buoy C               | 43-15-54.198N<br>076-58-48.924W |                       |               |              | Yellow can.   | Maintained from May 14 to Nov. 1.                  |

| (1)<br>No.                                       | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks                                      |
|--|---|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE ONTARIO</b>                              |   |                                 |                       |               |              |   |   |
| <b>SODUS BAY (Chart 14814)</b>                   |   |                                 |                       |               |              |   |   |
| <b>Sodus Bay</b>                                 |   |                                 |                       |               |              |   |   |
| 2211   | - Special Anchorage Buoy D  | 43-15-54.960N<br>076-58-59.124W |                       |               |              | Yellow can.   | Maintained from May 14 to Nov. 1.                   |
| 2215   | DAVENPORT MARINE DOCK LIGHT   | 43-13-30.000N<br>076-55-36.000W | F G                   | 10<br>3       |              | On pile.  | Private aid.  |
| <b>PORT BAY TO LONG POND (Chart 14804)</b>       |   |                                 |                       |               |              |   |   |
| <b>Pultneyville Entrance</b>                     |   |                                 |                       |               |              |   |   |
| 2220   | PULTNEYVILLE YACHT CLUB LIGHT   | 43-17-06.000N<br>077-11-06.000W | FI W 4s               | 35<br>11      |              | On pile.  | Maintained from Apr. 30 to Sep. 30.<br>Private aid. |
| 2225   | PULTNEYVILLE OUTER RANGE FRONT LIGHT                                    | 43-16-57.000N<br>077-10-57.000W | F G                   | 18<br>5       |              | White diamond day mark on pile.                                   | Maintained from Apr. 30 to Sep. 30.<br>Private aid. |
| 2230   | PULTNEYVILLE OUTER RANGE REAR LIGHT<br>60 feet, 189° from front light.  | 43-16-56.000N<br>077-10-57.000W | F G                   | 30<br>9       |              | White diamond day mark on pile.                                   | Maintained from Apr. 30 to Sep. 30.<br>Private aid. |
| 2235   | - Lighted Buoy 1  | 43-17-05.000N<br>077-10-56.500W | FI G 3s               |               |              | Green.  | Maintained from Apr. 30 to Sep. 30.<br>Private aid. |
| 2240   | - Lighted Buoy 2  | 43-17-05.000N<br>077-10-58.000W | FI R 3s               |               |              | Red.  | Maintained from Apr. 30 to Sep. 30.<br>Private aid. |
| 2245   | - Lighted Buoy 3  | 43-17-01.000N<br>077-10-56.500W | FI G 3s               |               |              | Green.  | Maintained from Apr. 30 to Sep. 30.<br>Private aid. |
| 2250   | - Lighted Buoy 4  | 43-17-01.000N<br>077-10-58.000W | FI R 3s               |               |              | Red.  | Maintained from Apr. 30 to Sep. 30.<br>Private aid. |
| 2255   | PULTNEYVILLE INNER RANGE FRONT LIGHT                                    | 43-16-59.000N<br>077-11-06.000W | F R                   | 11<br>3       |              | White diamond shaped day mark with red border on post.            | Maintained from Apr. 30 to Sep. 30.<br>Private aid. |
| 2260   | PULTNEYVILLE INNER RANGE REAR LIGHT<br>225 feet, 259° from front light. | 43-17-00.000N<br>077-11-12.000W | F R                   | 20<br>6       |              | White diamond shaped day mark with red border on pile.            | Maintained from Apr. 30 to Sep. 30.<br>Private aid. |
| 2265   | - Lighted Buoy 5  | 43-17-06.000N<br>077-11-00.000W | FI G 3s               |               |              | Green.  | Maintained from Apr. 30 to Sep. 30.<br>Private aid. |
| 2270   | - Lighted Buoy 6  | 43-17-06.000N<br>077-11-00.000W | FI R 3s               |               |              | Red.  | Maintained from Apr. 30 to Sep. 30.<br>Private aid. |
| <b>R. E. Ginna Nuclear Security Zone</b>         |   |                                 |                       |               |              |   |   |
| <i>Buoys maintained from Apr. 15 to Nov. 15.</i> |   |                                 |                       |               |              |   |   |
| 2271   | - No Entry Buoy A   | 43-16-57.000N<br>077-18-54.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.  |
| 2271.1   | - No Entry Buoy B   | 43-17-07.800N<br>077-18-54.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.  |
| 2271.2   | - No Entry Buoy C   | 43-17-18.000N<br>077-18-54.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.  |
| 2271.3   | - No Entry Buoy D   | 43-17-18.000N<br>077-18-42.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.  |

| (1)<br>No.                                       | (2)<br>Name and Location           | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks                                    |
|--|------------------------------------|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE ONTARIO</b>                              |                                    |                                 |                       |               |              |   |   |
| <b>PORT BAY TO LONG POND (Chart 14804)</b>       |                                    |                                 |                       |               |              |   |   |
| <b>Pultneyville Entrance</b>                     |                                    |                                 |                       |               |              |   |   |
| <b>R. E. Ginna Nuclear Security Zone</b>         |                                    |                                 |                       |               |              |   |   |
| <i>Buoys maintained from Apr. 15 to Nov. 15.</i> |                                    |                                 |                       |               |              |   |   |
| 2271.4   | - No Entry Buoy E                  | 43-17-18.000N<br>077-18-30.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.                                      |
| 2271.5   | - No Entry Buoy F                  | 43-17-18.000N<br>077-18-18.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.                                      |
| 2271.6   | - No Entry Buoy G                  | 43-17-07.800N<br>077-18-18.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.                                      |
| 2271.7   | - No Entry Buoy H                  | 43-16-57.000N<br>077-18-18.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.                                      |
| 2271.8   | - No Entry Buoy I                  | 43-16-46.800N<br>077-18-18.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.                                      |
| <b>Pultneyville Entrance</b>                     |                                    |                                 |                       |               |              |   |   |
| 2275   | WEBSTER PARK<br>BREAKWATER LIGHT 1 | 43-15-45.000N<br>077-27-01.000W | FI G 6s               | 20<br>6       |              | On post on jetty.   | Maintained from May 1 to Oct. 15.<br>Private aid. |
| 2276.1   | USGS 6                             | 43-24-51.600N<br>077-25-28.800W | Q Y                   |               |              |   | Private aid.                                      |
| 2276.2   | USGS 7                             | 43-20-05.100N<br>077-28-45.960W | Q Y                   |               |              |   | Private aid.                                      |
| 2276.3   | USGS 8                             | 43-18-30.180N<br>077-30-09.600W | Q Y                   |               |              |   | Private aid.                                      |
| <b>Irondequoit Bay</b>                           |                                    |                                 |                       |               |              |   |   |
| 2280   | - LIGHT 2                          | 43-14-17.500N<br>077-32-01.700W | FI R 4s               | 16<br>5       | 5            | White cylindrical tower with red band.                            |   |
| 2285   | - LIGHT 3                          | 43-14-13.300N<br>077-32-01.400W | FI G 2.5s             | 16<br>5       | 4            | SG on post.   |   |
| 2290   | - LIGHT 4                          | 43-14-03.000N<br>077-32-04.000W | FI R 4s               | 16<br>5       | 4            | TR on pile.   |   |
| 2295   | - Lighted Buoy A                   | 43-14-01.000N<br>077-32-04.000W | FI (2+1)R 6s          |               |              |   | Maintained from May 21 to Nov 14.                 |
| 2300   | - LIGHT 5                          | 43-13-50.000N<br>077-32-03.000W | Q G                   | 16<br>5       | 4            | SG on pile.   |   |
| 2305   | - LIGHT 6                          | 43-13-50.000N<br>077-32-04.000W | Q R                   | 16<br>5       | 4            | TR on pile.   |   |
| 2310   | - LIGHT 7                          | 43-13-34.000N<br>077-32-09.000W | FI G 4s               | 16<br>5       | 4            | SG on pile.   |   |
| 2315   | - LIGHT 8                          | 43-13-34.000N<br>077-32-11.000W | FI R 4s               | 16<br>5       | 3            | TR on pile.   |   |
| 2316   | USGS 9                             | 43-15-55.920N<br>077-32-59.580W | Q Y                   |               |              |   | Private aid.                                      |
| 2317   | USGS 10                            | 43-14-33.060N<br>077-33-42.060W | Q Y                   |               |              |   | Private aid.                                      |
| <b>ROCHESTER HARBOR (Chart 14815)</b>            |                                    |                                 |                       |               |              |   |   |
| <b>Rochester Harbor</b>                          |                                    |                                 |                       |               |              |   |   |
| 2320   | - Light                            | 43-15-50.040N<br>077-35-56.322W | FI R 4s               | 40<br>12      | 9            | White cylindrical tower with red band.                            |   |

| (1)<br>No.   | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks   |
|--|---|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>LAKE ONTARIO</b>                                |   |                                 |                       |               |              |  |  |
| <b>ROCHESTER HARBOR (Chart 14815)</b>              |   |                                 |                       |               |              |  |  |
| <b>Rochester Harbor</b>                            |   |                                 |                       |               |              |  |  |
| 2330   | - EAST PIER LIGHT   | 43-15-44.620N<br>077-35-54.310W | FI G 4s               | 20<br>6       | 8            | On post.   |  |
| 2333   | CHARLOTTE-GENESEE<br>LIGHTHOUSE                                     | 43-15-09.975N<br>077-36-38.142W | F W                   |               |              |  | Private aid.   |
| 2335   | Genesee River Turning Basin<br>Buoy 4<br>Marks south side of shoal. | 43-14-02.091N<br>077-37-04.057W |                       |               |              | Red nun.   | Maintained from May 7 to Nov 7.                        |
| 2337   | <i>Genesee River Lighted Buoy<br/>WR2</i>                           | 43-14-20.265N<br>077-36-50.779W | Q R                   |               | 3            |  | Maintained from May 7 to Nov 7.                        |
| 2340   | BRADDOCK BAY CHANNEL<br>LIGHT 1                                     | 43-18-23.000N<br>077-42-55.000W | FI G 4s               |               |              | SG on post.  | Maintained from Apr. 15 to Sep.<br>15.<br>Private aid. |
| 2345   | BRADDOCK BAY CHANNEL<br>LIGHT 2                                     | 43-18-24.000N<br>077-42-30.000W | FI R 4s               |               |              | TR on post.  | Maintained from Apr. 15 to Sep.<br>15.<br>Private aid. |
| <b>LONG POND TO THIRTYMILE POINT (Chart 14805)</b> |   |                                 |                       |               |              |  |  |
| <b>Braddock Bay</b>                                |   |                                 |                       |               |              |  |  |
| 2350   | <b>Braddock Point Light</b>   | 43-20-28.300N<br>077-45-45.500W | Iso W 6s              | 55<br>17      | 14           | Brown circular<br>tower.<br>55                             |  |
| 2355   | <i>Wautoma Shoal Lighted Buoy 1</i>                                 | 43-21-28.691N<br>077-48-13.391W | FI G 4s               |               | 4            | Green.   | Maintained from May 7 to Nov.<br>14.                   |
| 2356   | BROCKPORT HARBOR<br>LIGHT   | 43-21-09.440N<br>077-53-30.030W | Q W                   | 8<br>2        |              | On post.   | Maintained from Jun. 1 to Oct.<br>1.<br>Private aid.   |
| <b>Eagle Creek Marina</b>                          |   |                                 |                       |               |              |  |  |
| 2360   | - ENTRANCE LIGHT 1  | 43-22-05.000N<br>078-01-52.000W | Iso G 2s              | 10<br>3       |              | SG on post.  | Maintained from Apr. 15 to Nov.<br>1.<br>Private aid.  |
| 2361   | - ENTRANCE LIGHT 2  | 43-22-07.000N<br>078-01-48.000W | Iso R 2s              | 10<br>3       |              | TR on post.  | Maintained from Apr. 15 to Nov.<br>1.<br>Private aid.  |
| 2362   | - ENTRANCE LIGHT 3  | 43-22-04.500N<br>078-01-45.000W | Iso G 2s              | 10<br>3       |              | SG on post.  | Maintained from Apr. 15 to Nov.<br>1.<br>Private aid.  |
| 2363   | - ENTRANCE LIGHT 4  | 43-22-04.500N<br>078-01-48.000W | Iso R 2s              | 10<br>3       |              | TR on post.  | Maintained from Apr. 15 to Nov.<br>1.<br>Private aid.  |
| <b>Oak Orchard</b>                                 |   |                                 |                       |               |              |  |  |
| 2365   | - BREAKWATER LIGHT B  | 43-22-28.330N<br>078-11-31.680W | FI W 6s               | 30<br>9       | 6            | NR on post.  |  |
| 2370   | - BREAKWATER LIGHT A  | 43-22-28.240N<br>078-11-28.480W | Q W                   | 25<br>8       | 5            | NR on post.  |  |
| 2375   | - BREAKWATER LIGHT C  | 43-22-28.430N<br>078-11-35.420W | Q W                   | 25<br>8       | 5            | NR on post.  |  |
| 2380   | - JETTY LIGHT 3   | 43-22-25.540N<br>078-11-30.330W | FI G 4s               | 25<br>8       | 5            | SG on post.  |  |
| 2390   | - JETTY LIGHT 4   | 43-22-25.560N<br>078-11-33.310W | FI R 4s               | 25<br>8       | 5            | TR on post.  |  |
| 2391   | - HARBOR LIGHT  | 43-22-20.040N<br>078-11-29.400W | F W                   |               |              |  | Private aid.   |
| <b>Golden State Park Entrance</b>                  |   |                                 |                       |               |              |  |  |
| <i>Aids maintained from Apr. 15 to Nov. 15.</i>    |   |                                 |                       |               |              |  |  |
| 2393   | - LIGHT 3   | 43-22-18.000N<br>078-28-40.000W | Q G                   | 30<br>9       |              | SG on pole.  | Private aid.   |
| 2395   | <b>Thirtymile Point Light</b>                                       | 43-22-29.500N<br>078-29-10.700W | FI W 10s              | 60<br>18      |              | Square tower on<br>northeast corner of<br>two-story house. | Maintained from Apr. 1 to Nov.<br>1.<br>Private aid.   |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks                                   |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>LAKE ONTARIO</b>                                     |   |                                 |                       |               |              |  |  |
| <b>THIRTYMILE POINT TO PORT DALHOUSIE (Chart 14806)</b> |   |                                 |                       |               |              |  |  |
| <b>Wilson Harbor</b>                                    |   |                                 |                       |               |              |  |  |
| 2400  | OLCOTT LIGHT  | 43-20-26.445N<br>078-43-10.917W | FI R 2.5s             | 29<br>9       | 6            | TR on post.  |  |
| 2405  | - PIERHEAD LIGHT 2  | 43-19-10.511N<br>078-50-13.458W | FI R 4s               | 27<br>8       | 7            | TR on post.  |  |
| 2410  | - Buoy 4  | 43-19-00.149N<br>078-50-10.015W |                       |               |              | Red nun.   | Maintained from May 1 to Nov. 1.                 |
| 2415  | - Buoy 3  | 43-19-03.456N<br>078-50-08.796W |                       |               |              | Green can.   | Maintained from May 1 to Nov. 1.                 |
| 2420  | - Day beacon 6  | 43-18-57.400N<br>078-50-13.210W |                       |               |              | TR on pile.  |  |
| 2425  | - Day beacon 7  | 43-18-55.370N<br>078-50-13.490W |                       |               |              | SG on pile.  |  |
| 2430  | - Day beacon 8  | 43-18-56.310N<br>078-50-16.260W |                       |               |              | TR on pile.  |  |
| 2435  | - Day beacon 9  | 43-18-55.240N<br>078-50-23.810W |                       |               |              | SG on pile.  |  |
| 2440  | - Day beacon 10   | 43-18-56.240N<br>078-50-24.240W |                       |               |              | TR on pile.  |  |
| 2445  | - Day beacon 12   | 43-18-51.720N<br>078-50-34.910W |                       |               |              | TR on pile.  |  |
| 2450  | - Day beacon 13   | 43-18-50.140N<br>078-50-35.840W |                       |               |              | SG on pile.  |  |
| 2455  | - Day beacon 15   | 43-18-50.350N<br>078-50-39.630W |                       |               |              | SG on pile.  |  |
| 2460  | - Day beacon 16   | 43-18-52.480N<br>078-50-42.010W |                       |               |              | TR on pile.  |  |
| 2465  | - Day beacon 17   | 43-18-49.810N<br>078-50-43.750W |                       |               |              | SG on pile.  |  |
| 2470  | - Day beacon 18   | 43-18-50.310N<br>078-50-47.300W |                       |               |              | TR on pile.  |  |
| 2475  | - Day beacon 20   | 43-18-47.440N<br>078-50-49.740W |                       |               |              | TR on pile.  |  |
| 2480  | - Day beacon 21   | 43-18-44.800N<br>078-50-52.780W |                       |               |              | SG on pile.  |  |
| <b>LOWER NIAGARA RIVER (Chart 14816)</b>                |   |                                 |                       |               |              |  |  |
| 2485  | <b>Fort Niagara Light 5</b>   | 43-15-42.530N<br>079-03-50.040W | Oc G 4s               | 80<br>24      | 10           | SG on tower.<br>80   |  |
| 2490  | <i>Niagara Bar Lighted Buoy 2</i>   | 43-19-02.394N<br>079-04-14.074W | FI R 4s               |               | 4            | Red.   | Replaced by nun f from Nov. 14 to May 7.         |
| 2495  | <i>Fort Niagara Lighted Bell Buoy 3</i><br>Marks northwest side of shoal.   | 43-16-24.451N<br>079-04-29.988W | FI G 4s               |               | 4            | Green.   | Replaced by can f from Nov. 14 to May 7.         |
| <b>Niagara River (Below the Falls)</b>                  |   |                                 |                       |               |              |  |  |
| 2505  | NIAGARA RIVER RANGE<br>FRONT LIGHT (C)                                      | 43-15-18.000N<br>079-03-42.000W | F R                   | 34<br>10      |              | White tower with red top.                                    | Visible on range line only.<br>Seasonal.         |
| 2510  | NIAGARA RIVER RANGE<br>REAR LIGHT (C)<br>693 feet, 149.3° from front light. |                                 | F R                   | 47<br>14      |              | White tower with red top.                                    | Visible on range line only.<br>Seasonal.         |
| 2515  | <i>Youngstown Safe Boating Zone Lighted Float A</i>                         | 43-15-17.000N<br>079-03-19.000W | Q Y                   |               |              | 4x8 foot yellow float displaying two 34x12 inch sign boards. | Maintained from May 1 to Nov. 1.<br>Private aid. |
| 2516  | <i>Youngstown Safe Boating Zone Lighted Float B</i>                         | 43-14-40.800N<br>079-03-17.000W | Q Y                   |               |              | 4x8 foot yellow float displaying two 34x12 inch sign boards. | Maintained from May 1 to Nov. 1.<br>Private aid. |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic         | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks  |
|---|--|---------------------------------|-------------------------------|---------------|--------------|--|---|
| <b>LAKE ONTARIO</b>   |  |                                 |                               |               |              |  |   |
| <b>LOWER NIAGARA RIVER (Chart 14816)</b>                          |  |                                 |                               |               |              |  |   |
| <b>Niagara River (Below the Falls)</b>                            |  |                                 |                               |               |              |  |   |
| 2517  | <i>Youngstown Safe Boating Zone Lighted Float C</i>                              | 43-14-16.000N<br>079-03-18.500W | Q Y                           |               |              | 4x8 foot yellow float displaying two 34x12 inch sign boards. | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| 2525  | LEWISTON SKI JUMP LIGHT  | 43-10-24.000N<br>079-03-00.000W | Q W                           | 8<br>2        |              | On water ski jump.   | Maintained from Jun. 1 to Oct. 31.<br>Private aid.  |
| <b>APPROACHES TO NIAGARA RIVER AND WELAND CANAL (Chart 14822)</b> |  |                                 |                               |               |              |  |   |
| <b>Port Weller</b>  |  |                                 |                               |               |              |  |   |
| 2535  | <b>Outer Light (C)</b>   | 43-14-42.000N<br>079-13-06.000W | FI R 10s<br>0.3s fl. 9.7s ec. | 51<br>16      | 15           | Red skeleton tower.  | Maintained from Apr. to Dec. Seasonal.  |
| 2545  | EAST BREAKWATER EAST LIGHT (C)   |                                 | FI G 4s                       | 34<br>10      | 9            | Orange day mark on white pile.                               | Eastern limits; measured distance. Seasonal.  |
| 2550  | ST. CATHERINE'S OUTER LIGHT (C)  | 43-14-42.000N<br>079-12-30.000W | Iso R 2s                      | 26<br>8       | 5            | White cylindrical tower with red top.                        | Seasonal.   |
| 2555  | ENTRANCE RANGE FRONT LIGHT (C)   | 43-13-24.000N<br>079-13-00.000W | Iso Y 5s                      | 54<br>16      |              | On orange and white post.                                    |   |
| 2560  | ENTRANCE RANGE REAR LIGHT (C)<br>2,975 feet, 180° from front light.              |                                 | F Y<br>(R & G sectors)        | 105<br>32     |              | Orange and white skeleton tower.                             | Red from 177.5° to 179.7°, yellow from 179.7° to 180.3°, green 180.3° to 182.5°. Yellow sector indicates preferred channel. |
| <b>CLAYTON TO FALSE DUCK ISLAND (Chart 14802)</b>                 |  |                                 |                               |               |              |  |   |
| 2565  | <b>Nine Mile Point Light (C)</b>   | 44-09-06.000N<br>076-33-24.000W | FI W 10s<br>03s fl 9.7s ec.   | 53<br>16      | 20           | White circular tower with red top.                           | Seasonal. Emergency light.  |
| 2570  | PIGEON ISLAND LIGHT (C)  | 44-04-00.000N<br>076-33-00.000W | FI W 4s                       | 65<br>20      | 8            | White square skeleton tower with red top.                    | Seasonal.   |
| 2575  | <i>South Charity Shoal Lighted Buoy M6 (C)</i><br>Marks southwest side of shoal. |                                 | FI R 4s                       |               |              | Red.   |   |
| 2580  | <i>South Charity Shoal Lighted Buoy M7 (C)</i>                                   | 43-59-00.000N<br>076-32-30.000W | FI G 4s                       |               |              | Green.   |   |
| 2585  | <b>Main Duck Island Light (C)</b>  | 43-55-54.000N<br>076-38-18.000W | FI W 6s                       | 77<br>23      | 20           | White octagonal tower with red upper portion.                | Seasonal. Emergency light.  |
| 2595  | <i>The Ducks Lighted Buoy MM2 (C)</i>  | 43-54-36.000N<br>076-35-42.000W | FI R 4s                       |               |              | Red.   |   |
| 2600  | <i>Main Duck Island Lighted Buoy M9 (C)</i><br>Marks west side of shoal.         | 43-50-00.000N<br>076-40-30.000W | FI G 4s                       |               |              | Green.   |   |
| 2605  | <i>Psyche Shoal Lighted Bell Buoy M10 (C)</i><br>Marks southeast side of shoal.  |                                 | FI R 4s                       |               |              | Red.   |   |
| 2610  | <i>William Shoal Lighted Buoy K11 (C)</i><br>Marks southwest side of shoal.      | 43-55-30.000N<br>076-47-48.000W | FI G 4s                       |               |              | Green.   | Seasonal.   |
| 2615  | <b>False Ducks Light (C)</b>   | 43-56-54.000N<br>076-47-54.000W | FI R 4s                       | 72<br>22      | 20           | Hexagonal tower with red and white bands.                    | Seasonal.   |
| 2620  | <i>False Ducks Bank Lighted Buoy K12 (C)</i><br>Marks southeast side of bank.    | 43-56-00.000N<br>076-48-42.000W | FI R 4s                       |               |              | Red.   | Seasonal.   |
| 2625  | <i>Traverse Shoal Lighted Buoy K14 (C)</i>                                       | 43-54-12.000N<br>076-50-48.000W | FI R 4s                       |               |              | Red.   | Seasonal.   |
| 2630  | PRINCE EDWARD POINT LIGHT (C)  | 43-56-12.000N<br>076-51-30.000W | Iso W 2s                      | 47<br>14      | 6            | White skeleton tower.  | Seasonal.   |

| (1)<br>No.   | (2)<br>Name and Location                        | (3)<br>Position                 | (4)<br>Characteristic   | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                | (8)<br>Remarks   |
|--|---|---------------------------------|---|---------------|--------------|---|--|
| <b>LAKE ONTARIO</b>                                      |   |                                 |   |               |              |   |  |
| <b>CLAYTON TO FALSE DUCK ISLAND (Chart 14802)</b>        |   |                                 |   |               |              |   |  |
| 2635   | <b>Point Petre Light (C)</b>                    | 43-50-24.000N<br>077-09-12.000W | FI W 10s<br>0.3s fl 9.7s ec.  | 71<br>22      | 15           | Red and white<br>banded circular<br>tower.      | Seasonal.  |
| 2645   | SCOTCH BONNET ISLAND<br>LIGHT (C)               | 43-54-00.000N<br>077-32-36.000W | FI W 4s   | 75<br>23      | 6            | White skeleton<br>tower.                        |  |
| 2650   | PROCTOR POINT LIGHT (C)                         | 43-58-18.000N<br>077-44-48.000W | FI R 4s   | 40<br>12      |              | White circular<br>tower with red top.           | Seasonal.  |
| <b>LAKE ONTARIO (Chart 14800)</b>                        |   |                                 |   |               |              |   |  |
| 2655   | NOAA Lighted Weather Buoy<br>45012              | 43-37-15.000N<br>077-24-03.000W | FI (4)Y 20s<br>1s fl 1.5s ec.<br>1s fl 1.5s ec.<br>1s fl 1.5s ec.<br>1s fl 1.5s ec. |               | 4            | Yellow, disk-<br>shaped hull.                   | Replaced by nun Nov. 1 to Apr.<br>1.<br><br>Aid maintained by National<br>Oceanic and Atmospheric<br>Administration.   |
| <b>LAKE ERIE</b>   |   |                                 |   |               |              |   |  |
| <b>BUFFALO HARBOR (Chart 14833)</b>                      |   |                                 |   |               |              |   |  |
| <b>Buffalo Harbor</b>                                    |   |                                 |   |               |              |   |  |
| 2665   | Buffalo Safe Water VAIS                         | 42-50-08.639N<br>078-55-25.922W |   |               |              |   | AIS MMSI: 993682126  |
| 2670   | BUFFALO INTAKE CRIB<br>LIGHT                    | 42-52-48.000N<br>078-54-42.000W | FI (2)W 5s<br>0.5s fl 1s ec.<br>0.5s fl 3s ec.                                      | 60<br>18      |              | Large circular<br>building on<br>concrete crib. | Maintained from Apr. 15 to Nov.<br>1.<br>Private aid.  |
| 2675   | - WEST BREAKWATER<br>LIGHT                      | 42-52-29.560N<br>078-54-20.090W | FI W 4s   | 35<br>11      | 5            | NG on post.                                     |  |
| 2680   | - Light   | 42-52-14.200N<br>078-54-09.198W | FI G 2.5s   | 71<br>22      | 12           | White tower.<br>71                              | HORN: 2 blasts ev 30s (2s bl-2s<br>si-2s bl-24s si). Operates by<br>keying microphone five times on<br>VHF-FM Ch. 83A. |
| 2690   | - North Entrance Channel<br>Lighted Bell Buoy 1 | 42-51-41.809N<br>078-54-29.227W | FI G 4s   |               | 4            | Green.  | Maintained from Apr. 28 to Dec.<br>1.  |
| 2695   | - North Entrance Channel<br>Lighted Buoy 2      | 42-51-38.099N<br>078-54-19.070W | FI R 4s   |               | 4            | Red.  | Maintained from Apr. 28 to Dec.<br>1.  |
| 2700   | - North Entrance Channel<br>Lighted Buoy 4      | 42-52-09.209N<br>078-53-57.980W | FI R 4s   |               | 4            | Red.  | Maintained from Apr. 28 to Dec.<br>1.  |
| 2705   | - NORTH ENTRANCE LIGHT<br>5                     | 42-52-35.320N<br>078-53-53.620W | FI G 2.5s   | 34<br>10      | 5            | SG on post.                                     |  |
| 2710   | - NORTH ENTRANCE LIGHT<br>6                     | 42-52-26.760N<br>078-53-46.030W | FI R 2.5s   | 34<br>10      | 5            | TR on post.                                     |  |
| 2715   | - OLD BREAKWATER<br>NORTH END LIGHT             | 42-52-39.260N<br>078-53-57.180W | FI W 2.5s   | 35<br>11      | 5            | NR on post.                                     |  |
| 2720   | - NORTH ENTRANCE LIGHT<br>7                     | 42-52-49.460N<br>078-53-45.560W | FI G 2.5s   | 20<br>6       | 7            | SG on post.                                     |  |
| <b>Buffalo River</b>                                     |   |                                 |   |               |              |   |  |
| 2725   | BUFFALO COAST GUARD<br>SLIP LIGHT               | 42-52-38.090N<br>078-53-28.119W | Iso R 6s  | 20<br>6       | 4            | TR on post.                                     |  |
| 2730   | - LIGHT 2                                       | 42-52-40.488N<br>078-53-23.321W | Oc R 4s   | 25<br>8       | 7            | TR on post.                                     |  |
| 2735   | - Junction Lighted Buoy BR                      | 42-52-46.718N<br>078-53-31.240W | FI (2+1)R 6s  |               | 4            | Red and green<br>bands.                         | Replaced by nun f from Dec. 21<br>to Apr. 1.   |
| 2740   | - LIGHT 5                                       | 42-52-44.300N<br>078-53-15.200W | FI G 3s   | 32<br>10      |              | On white pile.                                  | Maintained from Apr. 1 to Dec.<br>15.<br>Private aid.  |
| <b>Black Rock Canal</b>                                  |   |                                 |   |               |              |   |  |
| <i>Lighted buoys maintained from Apr. 14 to Dec. 21.</i> |   |                                 |   |               |              |   |  |
| 2785   | - Lighted Buoy 1                                | 42-53-02.558N<br>078-53-34.280W | FI G 4s   |               | 3            | Green.  | Replaced by can f from Dec. 21<br>to Apr. 1.   |

| (1)<br>No.   | (2)<br>Name and Location    | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|--|-----------------------------|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE ERIE</b>   |                             |                                 |                       |               |              |   |   |
| <b>BUFFALO HARBOR (Chart 14833)</b>                      |                             |                                 |                       |               |              |   |   |
| <b>Black Rock Canal</b>                                  |                             |                                 |                       |               |              |   |   |
| <i>Lighted buoys maintained from Apr. 14 to Dec. 21.</i> |                             |                                 |                       |               |              |   |   |
| 2790   | STATE BREAKWATER LIGHT<br>2 | 42-53-06.000N<br>078-53-26.000W | FI R 4s               | 28<br>9       |              | TR on white<br>skeleton tower with<br>small white house<br>with enclosed<br>base. | Maintained from Apr. 1 to Dec.<br>15.<br>Private aid. |
| 2795   | - <i>Lighted Buoy 3</i>     | 42-53-09.771N<br>078-53-34.539W | FI G 2.5s             |               | 3            | Green.  | Replaced by can from Dec. 21<br>to Apr. 14.           |
| 2800   | - LIGHT 4                   | 42-53-16.491N<br>078-53-33.123W | FI R 2.5s             | 27<br>8       | 6            | TR on post.   |   |
| 2805   | - <i>Lighted Buoy 5</i>     | 42-53-21.894N<br>078-53-46.545W | FI G 4s               |               | 4            | Green.  | Replaced by can from Dec. 21<br>to Apr. 14.           |
| 2810   | - Buoy 6                    | 42-53-23.718N<br>078-53-44.230W |                       |               |              | Red nun.  |   |
| 2820   | - <i>Lighted Buoy 8</i>     | 42-53-27.368N<br>078-53-51.491W | FI R 4s               |               | 4            | Red.  | Replaced by nun from Dec. 21<br>to Apr. 14.           |
| 2825   | - <i>Lighted Buoy 9</i>     | 42-53-34.228N<br>078-54-04.291W | FI G 4s               |               | 3            | Green.  | Replaced by can from Dec. 21<br>to Apr. 14.           |
| 2830   | - <i>Lighted Buoy 10</i>    | 42-53-33.686N<br>078-53-59.941W | FI R 2.5s             |               | 3            | Red.  | Replaced by nun from Dec. 21<br>to Apr. 14.           |
| 2835   | - <i>Lighted Buoy 11</i>    | 42-53-43.288N<br>078-54-10.362W | FI G 2.5s             |               | 3            | Green.  | Replaced by can from Dec. 21<br>to Apr. 14.           |
| 2840   | - <i>Lighted Buoy 12</i>    | 42-53-43.488N<br>078-54-07.051W | FI R 4s               |               | 4            | Red.  | Replaced by nun from Dec. 21<br>to Apr. 14.           |
| 2845   | - <i>Lighted Buoy 13</i>    | 42-53-49.138N<br>078-54-11.812W | FI G 4s               |               | 4            | Green.  | Replaced by can from Dec. 21<br>to Apr. 14.           |
| 2850   | - <i>Lighted Buoy 14</i>    | 42-53-49.138N<br>078-54-08.502W | FI R 2.5s             |               | 4            | Red.  | Replaced by nun from Dec. 21<br>to Apr. 14.           |
| 2855   | - LIGHT 15                  | 42-53-58.490N<br>078-54-12.320W | FI G 4s               | 24<br>7       | 4            | SG on post.   |   |
| 2860   | - <i>Lighted Buoy 16</i>    | 42-53-57.865N<br>078-54-08.432W | FI R 4s               |               | 4            | Red.  | Replaced by nun from Dec. 21<br>to Apr. 14.           |
| 2865   | - <i>Lighted Buoy 17</i>    | 42-54-13.238N<br>078-54-09.412W | FI G 4s               |               | 4            | Green.  |   |
| 2875   | - <i>Lighted Buoy 19</i>    | 42-55-08.247N<br>078-54-05.752W | FI G 4s               |               | 4            | Green.  | Replaced by can from Dec. 21<br>to Apr. 14.           |
| 2880   | - <i>Lighted Buoy 21</i>    | 42-55-25.677N<br>078-54-00.822W | FI G 2.5s             |               | 4            | Green.  |   |
| 2885   | - <i>Lighted Buoy 23</i>    | 42-55-39.597N<br>078-54-01.463W | FI G 4s               |               | 4            | Green.  | Replaced by can from Dec. 21<br>to Apr. 14.           |
| 2890   | - <i>Lighted Buoy 24</i>    | 42-55-41.961N<br>078-53-57.922W | FI R 4s               |               | 4            | Red.  |   |
| 2895   | - <i>Lighted Buoy 25</i>    | 42-55-48.177N<br>078-54-04.366W | FI G 2.5s             |               | 4            | Green.  | Replaced by can from Dec. 21<br>to Apr. 14.           |
| 2900   | - <i>Lighted Buoy 26</i>    | 42-55-47.317N<br>078-54-00.463W | FI R 2.5s             |               | 4            | Red.  | Maintained from Apr. 14 to Dec.<br>21.                |
| <b>Buffalo Harbor South Entrance</b>                     |                             |                                 |                       |               |              |   |   |
| 2905   | - LIGHT 2                   | 42-50-09.200N<br>078-52-28.800W | FI R 6s               | 36<br>11      | 8            | NR on post.   |   |



| (1)<br>No.                               | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure       | (8)<br>Remarks                                     |
|--|--|---------------------------------|-----------------------|---------------|--------------|------------------------|--|
| <b>LAKE ERIE</b>                         |  |                                 |                       |               |              |                        |  |
| <b>BUFFALO HARBOR (Chart 14833)</b>      |  |                                 |                       |               |              |                        |  |
| <b>Buffalo Harbor South Entrance</b>     |  |                                 |                       |               |              |                        |  |
| 2910                                     | - LIGHT 3  | 42-50-07.290N<br>078-52-03.130W | FI G 2.5s             | 20<br>6       | 6            | SG on post.            |  |
| 2915                                     | BUFFALO HARBOR SOUTH<br>SIDE LIGHT 4                                 | 42-50-01.050N<br>078-52-03.530W | FI R 2.5s             | 40<br>12      | 5            | TR on post.            |  |
| 2925                                     | LACKAWANNA EAST<br>PIERHEAD LIGHT                                    | 42-49-52.900N<br>078-51-42.200W | F R                   | 20<br>6       |              | On black post.         | Maintained from Apr. 1 to Dec. 31.<br>Private aid. |
| 2930                                     | LACKAWANNA WEST<br>PIERHEAD LIGHT                                    | 42-49-51.000N<br>078-51-45.100W | F R                   | 20<br>6       |              | On red post.           | Maintained from Apr. 1 to Dec. 31.<br>Private aid. |
| 2935                                     | UNION CANAL LIGHT  | 42-49-58.500N<br>078-51-37.800W | F R                   | 20<br>6       |              | On black post.         | Maintained from Apr. 1 to Dec. 31.<br>Private aid. |
| <b>Buffalo Outer Harbor</b>              |  |                                 |                       |               |              |                        |  |
| 2975                                     | <i>Middle Reefs Lighted Buoy<br/>EU4 (C)</i>                         |                                 | FI R 4s               |               |              | Red.                   | Seasonal. No winter mark.                          |
| 2975.1                                   | Bird Island Reef EU Buoy 6<br>(C)                                    |                                 |                       |               |              | Red nun.               | Maintained from May 1 to Oct. 7.                   |
| 2975.2                                   | Limekiln Reef EU Buoy 7 (C)  |                                 |                       |               |              | Green can.             | Maintained from May 1 to Oct. 7.                   |
| 2975.3                                   | Bird Island Reef EU Buoy 8<br>(C)                                    |                                 |                       |               |              | Red nun.               | Maintained from May 1 to Oct. 7.                   |
| <b>UPPER NIAGARA RIVER (Chart 14832)</b> |  |                                 |                       |               |              |                        |  |
| <b>Strawberry Island Cut</b>             |  |                                 |                       |               |              |                        |  |
| 2985                                     | - <i>Lighted Buoy 1</i>  | 42-56-38.056N<br>078-54-40.925W | FI G 4s               |               | 3            | Green.                 | Replaced by can from Dec. 21 to May 7.             |
| 2990                                     | HARBOUR PLACE MARINE<br>NORTH LIGHT                                  | 42-56-35.000N<br>078-54-35.800W | F G                   | 15<br>5       |              | On post.               | Maintained from Apr. 1 to Dec. 31.<br>Private aid. |
| 2995                                     | HARBOUR PLACE MARINE<br>SOUTH LIGHT                                  | 42-56-33.000N<br>078-54-35.800W | F R                   | 15<br>5       |              | On post.               | Maintained from Apr. 1 to Dec. 31.<br>Private aid. |
| 3000                                     | - UPPER RANGE FRONT<br>LIGHT   | 42-57-12.313N<br>078-54-37.631W | F R                   | 25<br>8       |              | KRW on gray post.      | Visible 4° each side of range line.                |
| 3005                                     | - UPPER RANGE REAR<br>LIGHT<br>788 feet, 001.4° from front<br>light. | 42-57-20.099N<br>078-54-37.366W | F R                   | 48<br>15      |              | KRW on gray post.      | Visible 4° each side of range line.                |
| 3010                                     | - <i>Lighted Buoy 5</i>  | 42-56-59.586N<br>078-54-39.915W | Q G                   |               | 4            | Green.                 | Replaced by can from Dec. 21 to May 7.             |
| 3015                                     | - LOWER RANGE FRONT<br>LIGHT   | 42-57-01.981N<br>078-54-33.928W | F R                   | 27<br>8       |              | KRW on gray post.      | Visible 1.5° each side of range line.              |
| 3020                                     | - LOWER RANGE REAR<br>LIGHT<br>733 feet, 138.8° from front<br>light. | 42-56-56.529N<br>078-54-27.437W | F R                   | 86<br>26      |              | KRW on skeleton tower. | Visible 1.5° each side of range line.              |
| 3025                                     | - <i>Lighted Buoy 7</i><br>Marks Strawberry Island<br>Reef.          | 42-57-06.266N<br>078-54-42.615W | FI G 4s               |               | 3            | Green.                 | Replaced by can from Dec. 7 to May 7.              |
| 3030                                     | - Buoy 8   | 42-57-13.196N<br>078-54-43.625W |                       |               |              | Red nun.               |  |
| 3045                                     | - <i>Lighted Buoy 11</i>   | 42-57-26.306N<br>078-55-06.216W | FI G 2.5s             |               | 4            | Green.                 | Replaced by can from Dec. 07 to May 7.             |
| 3050                                     | - Buoy 12  | 42-57-28.776N<br>078-55-02.436W |                       |               |              | Red nun.               |  |

| (1)<br>No.                                      | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range      | (7)<br>Structure   | (8)<br>Remarks   |
|---|---|---------------------------------|-----------------------|---------------|-------------------|--------------------|--|
| <b>LAKE ERIE</b>                                |   |                                 |                       |               |                   |                    |  |
| <b>UPPER NIAGARA RIVER (Chart 14832)</b>        |   |                                 |                       |               |                   |                    |  |
| <b>Beaver Island State Park</b>                 |   |                                 |                       |               |                   |                    |  |
| <i>Lights maintained from May 15 to Nov. 1.</i> |   |                                 |                       |               |                   |                    |  |
| 3055  | - EAST BULKHEAD LIGHT   |                                 | Q Y                   | 12<br>4       |                   | NY on pile.        | Private aid.   |
| 3060  | - EAST ENTRANCE LIGHT 2   | 42-57-27.700N<br>078-57-18.500W | FI R 2s               | 12<br>4       |                   | TR on pile.        | Private aid.   |
| 3065  | - WEST ENTRANCE LIGHT 1   | 42-57-28.500N<br>078-57-20.000W | FI G 2s               | 12<br>4       |                   | SG on pile.        | Private aid.   |
| 3070  | - WEST BULKHEAD LIGHT   | 42-57-00.300N<br>078-57-42.000W | Q Y                   | 12<br>4       |                   | NY on pile.        | Private aid.   |
| <b>Strawberry Island Cut</b>                    |   |                                 |                       |               |                   |                    |  |
| 3075  | GRAND ISLAND DIRECTION LIGHT                                    | 42-58-40.130N<br>078-56-50.240W | F R W G               | 29<br>9       | R 7<br>G 7<br>W 7 | 4 NB on gray post. | Red from 311.5° to 313.0°, white from 313.0° to 314.0°, green from 314.0° to 315.5°. |
| 3085  | - Buoy 13   | 42-57-39.176N<br>078-55-24.757W |                       |               |                   | Green can.         |  |
| 3090  | - Buoy 14   | 42-57-42.606N<br>078-55-22.837W |                       |               |                   | Red nun.           |  |
| 3091  | - Lighted Buoy 15   | 42-57-53.765N<br>078-55-46.498W | FI G 4s               |               | 3                 | Green.             | Replaced by can from Dec. 07 to May 7.   |
| 3095  | - Buoy 16   | 42-57-54.265N<br>078-55-38.978W |                       |               |                   | Red nun.           | Maintained from May 7 to Dec. 7.   |
| 3105  | <i>Erie County Water Authority<br/>Lighted Intake Buoy ECWA</i> | 42-57-53.000N<br>078-55-53.000W | FI Y 2.5s             |               |                   | Yellow.            | Maintained from Apr. 1 to Jan. 1.<br>Private aid.                                    |
| 3110  | - Buoy 18   | 42-58-12.005N<br>078-56-03.239W |                       |               |                   | Red nun.           |  |
| 3135  | - Lighted Buoy 20   | 42-58-24.265N<br>078-56-21.450W | FI R 4s               |               | 4                 | Red.               | Replaced by nun from Dec. 7 to May 7.  |
| <b>Tonawanda Channel</b>                        |   |                                 |                       |               |                   |                    |  |
| 3140  | - Buoy 21<br>Marks east side of shoal.                          | 42-58-28.705N<br>078-56-34.140W |                       |               |                   | Green can.         |  |
| 3145  | - Buoy 22<br>Marks shoal.                                       | 42-58-38.555N<br>078-56-28.550W |                       |               |                   | Red nun.           |  |
| 3150  | - Lighted Buoy 26   | 42-59-06.265N<br>078-56-44.771W | Q R                   |               | 4                 | Red.               | Replaced by nun from Dec. 7 to May 7.  |
| 3155  | - Lighted Buoy 28   | 42-59-31.004N<br>078-56-34.631W | FI R 4s               |               | 3                 | Red.               | Maintained from May 7 to Dec. 7.   |
| 3155.1  | COLLINS MARINE ENTRANCE LIGHT 1                                 | 42-59-47.000N<br>078-56-05.500W | F G                   | 15<br>5       |                   | SG on post.        | Maintained from Apr. 1 to Nov. 1.<br>Private aid.                                    |
| 3155.2  | COLLINS MARINE ENTRANCE LIGHT 2                                 | 42-59-45.000N<br>078-56-09.200W | F R                   | 9<br>3        |                   | TR on post.        | Maintained from Apr. 1 to Nov. 1.<br>Private aid.                                    |
| 3156  | - Lighted Buoy 29   | 43-00-06.404N<br>078-55-59.140W | FI G 4s               |               | 4                 | Green.             | Maintained from May 7 to Dec. 7.   |
| 3157  | UNITED REFINERY OBSTRUCTION LIGHT A                             | 43-00-02.000N<br>078-55-46.000W | FI W 2s               | 12<br>4       |                   |                    | Private aid.   |
| 3158  | UNITED REFINING OBSTRUCTION MIDDLE LIGHT                        | 43-00-02.000N<br>078-55-45.000W | F R                   | 18<br>5       |                   |                    | Private aid.   |
| 3159  | UNITED REFINERY OBSTRUCTION LIGHT B                             | 43-00-02.000N<br>078-55-46.000W | FI W 2s               | 12<br>4       |                   |                    | Private aid.   |
| 3160  | - Buoy 31   | 43-01-11.955N<br>078-53-32.505W |                       |               |                   | Green can.         | Maintained from May 7 to Dec. 7.   |

| (1)<br>No.                               | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                      | (8)<br>Remarks                                      |
|--|---|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE ERIE</b>                         |   |                                 |                       |               |              |   |   |
| <b>UPPER NIAGARA RIVER (Chart 14832)</b> |   |                                 |                       |               |              |   |   |
| <b>Tonawanda Channel</b>                 |   |                                 |                       |               |              |   |   |
| 3165                                     | TONAWANDA INTAKE CRIB LIGHT                                       | 43-01-00.000N<br>078-53-36.000W | FI W 4s               | 15<br>5       |              | White triangular day mark with red top on stone base. | Maintained from Apr. 15 to Nov. 1.<br>Private aid.  |
| 3170                                     | Tonawanda Island Buoy 1   | 43-01-20.618N<br>078-53-10.876W |                       |               |              | Green can.  | Maintained from May 7 to Dec. 7.                    |
| 3180                                     | - Buoy 33   | 43-01-22.345N<br>078-53-26.775W |                       |               |              | Green can.  | Maintained from May 7 to Dec 7.                     |
| 3183                                     | - Buoy 34   | 43-01-21.855N<br>078-53-21.715W |                       |               |              | Red nun.  | Maintained from May 7 to Dec 7.                     |
| 3185                                     | NORTH TONAWANDA INTAKE CRIB LIGHT                                 | 43-01-32.000N<br>078-53-28.500W | FI G 4s               | 19<br>6       |              | Cylindrical structure on crib.                        | Maintained from Apr. 15 to Nov. 1.<br>Private aid.  |
| 3190                                     | - Buoy 35   | 43-01-52.535N<br>078-53-27.186W |                       |               |              | Green can.  | Maintained from May 07 to Dec. 07.                  |
| 3195                                     | - Buoy 36   | 43-01-59.284N<br>078-53-21.704W |                       |               |              | Red nun.  | Maintained from May 7 to Dec 7.                     |
| 3200                                     | LOCKPORT INTAKE CRIB LIGHT  | 43-01-57.000N<br>078-53-42.000W | FI W 4s               | 15<br>5       |              | NW worded DANGER on cylindrical structure.            | Maintained from May 15 to Nov. 1.<br>Private aid.   |
| 3215                                     | - Buoy 37   | 43-02-14.274N<br>078-53-36.886W |                       |               |              | Green can.  | Maintained from May 7 to Dec 7.                     |
| <b>Niagara River</b>                     |   |                                 |                       |               |              |   |   |
| 3235                                     | - Lighted Buoy 39   | 43-02-41.759N<br>078-53-42.381W | FI G 4s               |               | 3            | Green.  | Maintained from May 7 to Dec. 7.                    |
| 3240                                     | - Lighted Buoy 41   | 43-02-57.219N<br>078-54-06.501W | FI G 4s               |               | 3            | Green.  | Maintained from May 7 to Dec. 7.                    |
| 3243                                     | - Lighted Buoy 42   | 43-03-00.200N<br>078-54-05.201W | FI R 4s               |               | 3            | Red.  | Maintained from May 7 to Dec. 7.                    |
| 3245                                     | - Lighted Buoy 43   | 43-03-22.264N<br>078-55-18.392W | FI G 4s               |               | 3            | Green.  | Maintained from May 7 to Dec. 7.                    |
| 3250                                     | - Lighted Buoy 45   | 43-03-50.000N<br>078-56-37.900W | FI G 4s               |               | 3            | Green.  | Maintained from May 7 to Dec. 7.                    |
| 3255                                     | - Lighted Buoy 47   | 43-03-56.202N<br>078-58-46.000W | FI G 4s               |               | 3            | Green.  | Maintained from May 7 to Dec. 7.                    |
| 3265                                     | LITTLE RIVER RANGE FRONT LIGHT                                    | 43-04-31.500N<br>078-57-10.000W | F R                   | 29<br>9       |              | On pile.  | Maintained from May 1 to Nov. 1.<br>Private aid.    |
| 3270                                     | LITTLE RIVER RANGE REAR LIGHT<br>200 feet, 344° from front light. | 43-04-33.300N<br>078-57-10.500W | F R                   | 33<br>10      |              | On pile.  | Maintained from May 1 to Nov. 1.<br>Private aid.    |
| 3275                                     | LASALLE YACHT CLUB PIER EAST LIGHT                                | 43-04-24.000N<br>078-59-18.000W | F R                   | 6<br>2        |              |   | Maintained from Apr. 15 to Nov. 15.<br>Private aid. |
| 3280                                     | LASALLE YACHT CLUB PIER WEST LIGHT                                |                                 | F R                   | 6<br>2        |              |   | Maintained from Apr. 15 to Nov. 15.<br>Private aid. |
| 3285                                     | NIAGARA MOHAWK POWER CORPORATION LIGHT                            | 43-04-12.000N<br>079-00-00.000W | FI W 3s               | 14<br>4       |              | Tower   | Maintained from Apr. 15 to Nov. 15.<br>Private aid. |
| 3292                                     | NIAGARA FALLS INTAKE CRIB LIGHT                                   | 43-04-13.968N<br>078-59-59.875W | FI W 2.5s             | 14<br>4       |              | NW on concrete crib.                                  | Maintained from Apr. 1 to Nov. 30.<br>Private aid.  |

| (1)<br>No.                               | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                      | (8)<br>Remarks  |
|--|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE ERIE</b>                         |  |                                 |                       |               |              |   |   |
| <b>UPPER NIAGARA RIVER (Chart 14832)</b> |  |                                 |                       |               |              |   |   |
| <b>Niagara River</b>                     |  |                                 |                       |               |              |   |   |
| 3295                                     | NIAGARA FALLS<br>TRANSMISSION LINE LIGHT<br>B  | 43-04-12.000N<br>079-00-12.000W | FI W 3s               | 20<br>6       |              | Gray cylindrical<br>standard on<br>concrete base.     | Maintained from Apr. 15 to Nov.<br>15.<br>Private aid.      |
| 3300                                     | NIAGARA FALLS<br>TRANSMISSION LINE LIGHT<br>C  | 43-03-54.000N<br>079-00-06.000W | FI W 3s               | 20<br>6       |              | Cylindrical<br>standard.                              | Maintained from Apr. 15 to Nov.<br>15.<br>Private aid.      |
| <b>Buckhorn Island</b>                   |  |                                 |                       |               |              |   |   |
| 3305                                     | - DIKE LIGHT 1   | 43-04-10.000N<br>079-00-28.000W | FI W 4s               | 20<br>6       |              |   | Maintained from Apr. 1 to Dec.<br>1.<br>Private aid.        |
| 3310                                     | - DIKE LIGHT 2   | 43-04-03.000N<br>079-00-21.000W | FI W 4s               | 20<br>6       |              |   | Maintained from Apr. 1 to Dec.<br>1.<br>Private aid.        |
| 3315                                     | - DIKE LIGHT 3   | 43-04-02.000N<br>079-00-18.000W | FI W 4s               | 20<br>6       |              |   | Maintained from Apr. 1 to Dec.<br>1.<br>Private aid.        |
| 3325                                     | HOOKER<br>ELECTROCHEMICAL CRIB<br>LIGHT  | 43-03-01.000N<br>079-00-01.000W | FI W 7s               | 9<br>3        |              | On post.  | Maintained from Apr. 1 to Dec.<br>1.<br>Private aid.        |
| 3330                                     | HOOKER<br>ELECTROCHEMICAL<br>OUTFALL CRIB LIGHT  | 43-03-52.300N<br>078-59-37.200W | FI W 7s               | 9<br>3        |              | On post.  | Maintained from Apr. 1 to Dec.<br>1.<br>Private aid.        |
| <b>Chippawa Channel</b>                  |  |                                 |                       |               |              |   |   |
| 3335                                     | BIG SIX MILE CREEK LIGHT   | 43-01-38.000N<br>079-00-43.500W | F R                   | 12<br>4       |              | TR on post.   | Maintained from May 1 to Nov.<br>1.<br>Private aid.         |
| 3340                                     | CHIPPAWA LIGHT (C)   | 43-03-48.000N<br>079-02-54.000W | Iso R 2s              | 16<br>5       |              | On ornamental pile.                                   | Defines danger zone above<br>Niagara Falls.<br>Private aid. |
| 3343                                     | NIAGARA SAFETY ZONE<br>LIGHT   | 43-04-41.000N<br>079-01-35.000W | Q Y                   | 25<br>8       | 4            | Safety Zone sign<br>on monopile.                      | Marks Niagara Safety Zone<br>above Niagara Falls.           |
| 3345                                     | Niagara Falls Safety Buoy A<br>Marks safety zone above<br>Niagara Falls.                 | 43-04-06.540N<br>079-01-07.080W |                       |               |              | White can with<br>orange bands and<br>danger symbol.  | Maintained from May 1 to Oct.<br>28.                        |
| 3350                                     | Niagara Falls Safety Buoy B<br>Marks safety zone above<br>Niagara Falls.                 | 43-04-12.180N<br>079-01-03.060W |                       |               |              | White can with<br>orange bands and<br>danger symbol.  | Maintained from May 1 to Oct.<br>28.                        |
| 3355                                     | Niagara Falls Safety Buoy C<br>Marks safety zone above<br>Niagara Falls.                 | 43-04-17.280N<br>079-00-59.800W |                       |               |              | White can with<br>orange bands and<br>danger symbol.  | Maintained from May 1 to Oct.<br>28.                        |
| 3356                                     | Niagara Falls Safety Buoy D<br>Marks safety zone above<br>Niagara Falls.                 | 43-04-21.960N<br>079-00-56.460W |                       |               |              | White can with<br>orange bands and<br>danger symbol.  | Maintained from May 1 to Oct.<br>28.                        |
| 3357                                     | Niagara Falls Safety Buoy E<br>Marks safety zone above<br>Niagara Falls.                 | 43-04-27.840N<br>079-00-52.500W |                       |               |              | White can with<br>orange bands and<br>danger symbol.  | Maintained from May 1 to Oct.<br>28.                        |
| 3358                                     | Niagara Falls Safety Buoy F<br>Marks safety zone above<br>Niagara Falls.                 | 43-04-34.680N<br>079-00-56.460W |                       |               |              | White can with<br>orange bands and<br>danger symbol.  | Maintained from May 1 to Oct.<br>28.                        |
| 3359.1                                   | Canadian Niagara Falls Safety<br>Buoy 1 (C)<br>Marks safety zone above<br>Niagara Falls. | 43-03-46.560N<br>079-02-32.760W |                       |               |              | White can with<br>orange bands and<br>danger symbols. | Maintained from May 1 to Oct. 7.                            |
| 3359.2                                   | Canadian Niagara Falls Safety<br>Buoy 2 (C)<br>Marks safety zone above<br>Niagara Falls. | 43-03-50.460N<br>079-02-15.480W |                       |               |              | White can with<br>orange bands and<br>danger symbols. | Maintained from May 1 to Oct. 7.                            |
| 3359.3                                   | Canadian Niagara Falls Safety<br>Buoy 3 (C)<br>Marks safety zone above<br>Niagara Falls. | 43-03-53.820N<br>079-02-01.980W |                       |               |              | White can with<br>orange bands and<br>danger symbols. | Maintained from May 1 to Oct. 7.                            |

| (1)<br>No.   | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                | (8)<br>Remarks                     |
|--|--|---------------------------------|-----------------------|---------------|--------------|---|------------------------------------|
| <b>LAKE ERIE</b>   |  |                                 |                       |               |              |   |                                    |
| <b>UPPER NIAGARA RIVER (Chart 14832)</b>                 |  |                                 |                       |               |              |   |                                    |
| <b>Chippawa Channel</b>                                  |  |                                 |                       |               |              |   |                                    |
| 3359.4   | Canadian Niagara Falls Safety Buoy 4 (C)<br>Marks safety zone above Niagara Falls. | 43-03-55.980N<br>079-01-50.820W |                       |               |              | White can with orange bands and danger symbols. | Maintained from May 1 to Oct. 7.   |
| 3359.5   | Canadian Niagara Falls Safety Buoy 5 (C)<br>Marks safety zone above Niagara Falls. | 43-03-58.140N<br>079-01-40.200W |                       |               |              | White can with orange bands and danger symbols. | Maintained from May 1 to Oct. 7.   |
| 3359.6   | Canadian Niagara Falls Safety Buoy 6 (C)<br>Marks safety zone above Niagara Falls. | 43-04-08.400N<br>079-01-29.100W |                       |               |              | White can with orange bands and danger symbols. | Maintained from May 1 to Oct. 7.   |
| <b>APPROACHES TO NIAGARA RIVER (Chart 14822)</b>         |  |                                 |                       |               |              |   |                                    |
| 3360   | Seneca Shoal Lighted Buoy 2<br>Marks northwest side of shoal.                      | 42-47-36.209N<br>078-55-58.017W | FI R 4s               |               | 4            | Red.  | Maintained from May 7 to Dec. 1.   |
| <b>STURGEON POINT TO TWENTY MILE CREEK (Chart 14823)</b> |  |                                 |                       |               |              |   |                                    |
| 3365   | STURGEON POINT LIGHT 2   | 42-41-34.351N<br>079-02-43.715W | FI R 2.5s             | 32            | 4            | TR on post.                                     |                                    |
| 3370   | STURGEON POINT LIGHT 3   | 42-41-32.265N<br>079-02-43.739W | FI G 4s               | 28            | 4            | SG on post.                                     |                                    |
| <b>Cattaraugus Creek</b>                                 |  |                                 |                       |               |              |   |                                    |
| 3375   | - NORTH BREAKWATER LIGHT 1   | 42-34-18.804N<br>079-08-17.808W | FI G 2.5s             | 31            | 5            | SG on pile.                                     |                                    |
| 3380   | - SOUTH BREAKWATER LIGHT 2   | 42-34-21.642N<br>079-08-22.914W | FI R 2.5s             | 31            | 4            | TR on pile.                                     |                                    |
| <b>Dunkirk Harbor</b>                                    |  |                                 |                       |               |              |   |                                    |
| 3410   | Dunkirk Light  | 42-29-38.022N<br>079-21-14.118W | Oc W 4s               | 82            | 16           |   |                                    |
| 3430   | - LIGHT 1  | 42-29-35.779N<br>079-20-39.640W | FI G 4s               | 20            | 6            | SG on pile.                                     |                                    |
| 3435   | - PIERHEAD LIGHT 2   | 42-29-34.510N<br>079-20-43.210W | FI R 6s               | 63            | 8            | White cylindrical tower with red band.          |                                    |
| 3440   | - Buoy 3   | 42-29-32.007N<br>079-20-32.757W |                       |               |              | Green can.                                      | Maintained from May 14 to Nov. 01. |
| 3445   | - Buoy 4   | 42-29-29.126N<br>079-20-31.784W |                       |               |              | Red nun.  | Maintained from May 14 to Nov. 01. |
| 3450   | - Buoy 5   | 42-29-28.907N<br>079-20-23.257W |                       |               |              | Green can.                                      | Maintained from May 14 to Nov. 01. |
| 3453   | - Buoy 6   | 42-29-27.107N<br>079-20-24.557W |                       |               |              | Red nun.  | Maintained from May 14 to Nov. 01. |
| 3455   | - EAST INNER BREAKWATER WEST END LIGHT 1   | 42-23-00.000N<br>079-20-12.000W | FI G 2.5s             | 35            | 4            | SG on post.                                     |                                    |
| 3460   | - WEST INNER BREAKWATER EAST END LIGHT 2   | 42-29-23.000N<br>079-20-14.000W | FI R 2.5s             | 33            | 4            | TR on post.                                     |                                    |
| 3465   | - WEST INNER BREAKWATER WEST END LIGHT 4   | 42-29-18.000N<br>079-20-30.000W | FI R 4s               | 33            | 4            | TR on post.                                     |                                    |
| <b>STURGEON POINT TO TWENTY MILE CREEK (Chart 14823)</b> |  |                                 |                       |               |              |   |                                    |
| 3480   | BARCELONA HARBOR EAST BREAKWATER LIGHT   | 42-20-43.030N<br>079-35-44.028W | FI G 4s               | 26            | 7            | SG on post.                                     |                                    |
| 3485   | BARCELONA HARBOR WEST BREAKWATER LIGHT   | 42-20-42.768N<br>079-35-46.378W | FI R 4s               | 26            | 6            | TR on post.                                     |                                    |
| 3490   | WILLIS CRIB DOCK LIGHT   | 42-10-30.000N<br>080-00-30.000W | FI W 4s               | 20            | 7            | NB on gray post.                                |                                    |

| (1)<br>No.   | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                      | (8)<br>Remarks   |
|--|---|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE ERIE</b>   |   |                                 |                       |               |              |   |  |
| <b>STURGEON POINT TO TWENTY MILE CREEK (Chart 14823)</b> |   |                                 |                       |               |              |   |  |
| 3492   | Willis Crib Isolated Danger Buoy DW                               | 42-10-20.544N<br>080-00-54.094W |                       |               |              | Black with red band.                                  | Maintained from May 14 to Nov. 1.                              |
| <b>ERIE HARBOR (Chart 14835)</b>                         |   |                                 |                       |               |              |   |  |
| <b>Erie Harbor</b>                                       |   |                                 |                       |               |              |   |  |
| 3495   | - PIERHEAD LIGHT  | 42-09-21.882N<br>080-04-16.823W | FI R 2.5s             | 42<br>13      | 7            | Square tower with black and white bands.              |  |
| 3505   | INTERNATIONAL PAPER EAST CRIB LIGHT                               | 42-09-06.000N<br>080-03-30.000W | Q W                   | 15<br>5       |              | NG on gray pile.                                      | Maintained from May 1 to Nov. 1.<br>Private aid.               |
| 3510   | International Paper Obstruction Buoy                              | 42-08-48.200N<br>080-03-29.000W |                       |               |              | White can with orange bands and diamond worded ROCKS. | Maintained from May 1 to Nov. 1.<br>Private aid.               |
| 3515   | - Entrance Lighted Bell Buoy 1                                    | 42-09-49.208N<br>080-03-10.709W | FI G 4s               |               | 4            | Green.  | Replaced by can f from Dec. 7 to May 1.<br>AIS MMSI: 993672195 |
| 3520   | - Entrance Lighted Buoy 2   | 42-09-53.032N<br>080-03-15.452W | FI R 4s               |               | 3            | Red.  | Year round lighted buoy  |
| 3525   | - Entrance Buoy 3   | 42-09-32.308N<br>080-03-43.711W |                       |               |              | Green can.  |  |
| 3530   | - Entrance Buoy 4   | 42-09-36.508N<br>080-03-47.511W |                       |               |              | Red nun.  |  |
| 3535   | - Entrance Lighted Buoy 5   | 42-09-18.608N<br>080-04-12.012W | FI G 2.5s             |               | 4            | Green.  | Replaced by can f from Dec. 7 to May 1.<br>AIS MMSI: 993672196 |
| 3540   | - LIGHT 7   | 42-09-12.000N<br>080-04-24.000W | FI G 4s               | 27<br>8       | 4            | SG on post.   |  |
| 3545   | - ENTRANCE RANGE FRONT LIGHT                                      | 42-09-08.095N<br>080-04-36.870W | F G                   | 32<br>10      |              | KRW on skeleton tower.                                | Visible 4° each side of range line.                            |
| 3550   | - ENTRANCE RANGE REAR LIGHT<br>752 feet, 235.3° from front light. | 42-09-03.859N<br>080-04-45.078W | F G                   | 62<br>19      |              | KRW on skeleton tower.                                | Visible 4° each side of range line.                            |
| 3555   | JOHN E. LAMPE MUNICIPAL MARINA LIGHT 1                            | 42-08-54.000N<br>080-04-30.000W | F G                   |               |              | SG on tower.  | Private aid.   |
| 3560   | JOHN E. LAMPE MUNICIPAL MARINA LIGHT 2                            | 42-08-55.000N<br>080-04-26.000W | F R                   | 25<br>8       |              | TR on tower.  | Private aid.   |
| 3565   | - LIGHT 8   | 42-09-06.400N<br>080-04-53.200W | FI R 4s               | 30<br>9       | 4            | TR on post.   |  |
| 3570   | - Junction Buoy M   | 42-09-05.128N<br>080-04-54.698W |                       |               |              | Red with green band; nun.                             |  |
| 3575   | - Lighted Buoy 9  | 42-08-53.108N<br>080-05-08.315W | FI G 2.5s             |               | 4            | Green.  | Replaced by can f from Nov. 1 to May 15                        |
| 3580   | - Lighted Buoy 10   | 42-08-55.803N<br>080-05-17.094W | FI R 2.5s             |               | 4            | Red.  | Replaced by nun f from Nov. 1 to May 15.                       |
| 3585   | - Lighted Buoy 11   | 42-08-47.017N<br>080-05-11.451W | FI G 4s               |               | 4            | Green.  | Replaced by can f from Nov 1 to May 15.                        |
| 3590   | - Lighted Buoy 12   | 42-08-47.208N<br>080-05-32.516W | FI R 4s               |               | 4            | Red.  | Replaced by nun f from Nov. 1 to May 15.                       |
| 3595   | - Lighted Buoy 13   | 42-08-36.051N<br>080-05-06.301W | FI G 2.5s             |               | 4            | Green.  | Replaced by can f from Nov. 1 to May 15.                       |
| 3596   | - Lighted Buoy 14   | 42-08-34.220N<br>080-05-41.782W | FI R 4s               |               | 4            | Red.  | Replaced by can f from Nov. 1 to May 15.                       |

| (1)<br>No.                                   | (2)<br>Name and Location                                 | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                 | (8)<br>Remarks                                     |
|--|--|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>LAKE ERIE</b>                             |  |                                 |                       |               |              |  |  |
| <b>ERIE HARBOR (Chart 14835)</b>             |  |                                 |                       |               |              |  |  |
| <b>Erie Harbor</b>                           |  |                                 |                       |               |              |  |  |
| 3597   | - No Wake Buoy   | 42-08-18.300N<br>080-05-44.100W |                       |               |              | White can with orange bands worded SLOW-NO WAKE. | Maintained from May 15 to Sep. 15.<br>Private aid. |
| 3597.5                                       | - No Wake Buoy   | 42-08-23.000N<br>080-05-32.000W |                       |               |              | White can with orange bands worded SLOW-NO WAKE. | Maintained from May 15 to Sep. 15.<br>Private aid. |
| 3598   | - No Wake Buoy   | 42-08-26.200N<br>080-05-21.900W |                       |               |              | White can with orange bands worded SLOW-NO WAKE. | Maintained from May 15 to Sep. 15.<br>Private aid. |
| 3598.5                                       | - No Wake Buoy   | 42-08-30.000N<br>080-05-13.300W |                       |               |              | White can with orange bands worded SLOW-NO WAKE. | Maintained from May 15 to Sep. 15.<br>Private aid. |
| 3599   | - No Wake Buoy   | 42-08-31.700N<br>080-05-07.600W |                       |               |              | White can with orange bands worded SLOW-NO WAKE. | Maintained from May 15 to Sep. 15.<br>Private aid. |
| <b>Presque Isle Park</b>                     |  |                                 |                       |               |              |  |  |
| <i>Aids maintained from May 1 to Nov. 1.</i> |  |                                 |                       |               |              |  |  |
| 3615   | - RANGE FRONT LIGHT                                      | 42-09-20.900N<br>080-06-47.000W | F R                   | 19            |              | KWB on skeleton tower.                           | Private aid.                                       |
| 3620   | - REAR RANGE LIGHT<br>425 feet, 339.8° from front light. | 42-09-25.500N<br>080-06-49.300W | F R                   | 31            |              | KWB on skeleton tower.                           | Private aid.                                       |
| 3625   | - LIGHT 1  | 42-09-10.200N<br>080-06-44.400W | FI G 2s               | 20            |              | SG on post.                                      | Private aid.                                       |
| 3630   | - LIGHT 2  | 42-09-10.000N<br>080-06-39.100W | FI R 2s               | 20            |              | TR on post.                                      | Private aid.                                       |
| 3635   | - LIGHT 3  | 42-09-13.000N<br>080-06-45.800W | FI G 2s               | 20            |              | SG on post.                                      | Private aid.                                       |
| 3640   | - LIGHT 4  | 42-09-12.700N<br>080-06-40.800W | FI R 2s               | 20            |              | TR on post.                                      | Private aid.                                       |
| <b>Erie Harbor</b>                           |  |                                 |                       |               |              |  |  |
| 3645   | - Water Pipe Intake Buoy A                               | 42-08-07.500N<br>080-05-57.500W |                       |               |              | White and orange bands; spar.                    | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 3650   | - Water Pipe Intake Buoy B                               | 42-08-27.300N<br>080-06-47.500W |                       |               |              | White with orange bands; spar.                   | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 3655   | - Water Pipe Intake Buoy C                               | 42-08-18.900N<br>080-07-39.800W |                       |               |              | White with orange bands; spar.                   | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| <b>Erie Yacht Club</b>                       |  |                                 |                       |               |              |  |  |
| 3660   | - BREAKWATER LIGHT                                       | 42-07-24.900N<br>080-07-49.100W | FI W 2s               | 32            |              | White lighthouse.                                | Maintained from Apr. 1 to Oct. 30.<br>Private aid. |
| 3665   | - ENTRANCE LIGHT 1                                       | 42-07-23.000N<br>080-07-52.400W | F G                   | 10            |              | SG on skeleton tower.                            | Maintained from May 30 to Oct. 15.<br>Private aid. |
| 3670   | - ENTRANCE LIGHT 2                                       | 42-07-21.900N<br>080-07-57.700W | F R                   | 10            |              | TR on skeleton tower.                            | Maintained from May 30 to Oct. 15.<br>Private aid. |
| 3675   | Erie Harbor West Shoal Buoy A                            | 42-07-44.300N<br>080-08-05.700W |                       |               |              | White can with orange bands.                     | Maintained from May 15 to Sep. 15.<br>Private aid. |
| 3680   | Erie Harbor West Shoal Buoy B                            | 42-07-40.000N<br>080-08-10.900W |                       |               |              | White can with orange bands.                     | Maintained from May 15 to Sep. 15.<br>Private aid. |
| 3685   | Erie Harbor West Shoal Buoy C                            | 42-07-39.100N<br>080-08-19.500W |                       |               |              | White can with orange bands.                     | Maintained from May 15 to Sep. 15.<br>Private aid. |

| (1)<br>No.  | (2)<br>Name and Location              | (3)<br>Position                 | (4)<br>Characteristic                                   | (5)<br>Height | (6)<br>Range | (7)<br>Structure                  | (8)<br>Remarks                                     |
|---|---------------------------------------|---------------------------------|---|---------------|--------------|-----------------------------------|--|
| <b>LAKE ERIE</b>                                    |                                       |                                 |   |               |              |                                   |  |
| <b>SIXTEEN MILE CREEK TO CONNEAUT (Chart 14824)</b> |                                       |                                 |   |               |              |                                   |  |
| 3690  | <b>Presque Isle Light</b>             | 42-09-56.800N<br>080-06-55.500W | Iso W 6s  | 73<br>22      | 15           | Square tower.                     |  |
| 3692  | <i>DEP PA</i>                         | 42-08-39.840N<br>080-07-30.000W | FI Y 4s   |               |              |                                   | Private aid.                                       |
| 3693  | <i>NOAA RSC A</i>                     | 42-08-52.520N<br>080-15-59.040W | FI Y 4s   |               |              |                                   | Private aid.                                       |
| 3695  | WALNUT CREEK<br>BREAKWATER LIGHT      | 42-04-38.500N<br>080-14-25.000W | FI R 2.5s   | 14<br>4       |              | On pile.                          | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 3696  | WALNUT CREEK CHANNEL<br>LIGHT         | 42-04-37.600N<br>080-14-23.100W | FI G 2s   | 12<br>4       |              | On steel tower                    | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| <b>Conneaut Harbor</b>                              |                                       |                                 |   |               |              |                                   |  |
| 3700  | - BREAKWATER LIGHT 1                  | 41-58-50.022N<br>080-33-20.382W | FI G 4s   | 46<br>14      | 6            | SG on gray post.                  |  |
| 3705  | - <b>West Breakwater Light</b>        | 41-58-48.075N<br>080-33-27.298W | FI R 10s<br>0.1s W fl 4.9s<br>ec.<br>0.1s R fl 4.9s ec. | 80<br>24      | 12           | Square py ramidal<br>tower.<br>80 |  |
| 3710  | - EAST GAP LIGHT 1                    | 41-58-25.547N<br>080-32-44.068W | FI G 4s   | 25<br>8       | 4            | SG on post.                       |  |
| 3715  | - PIER LIGHT 3                        | 41-58-21.102N<br>080-32-55.548W | FI G 2.5s   | 20<br>6       | 4            | SG on post.                       |  |
| 3720  | - PIER LIGHT 4                        | 41-58-21.088N<br>080-32-54.949W | Iso R 6s  | 28<br>9       | 4            | TR on post.                       |  |
| 3723  | CONNEAUT BOAT CLUB<br>EAST LIGHT      | 41-58-17.820N<br>080-33-07.560W | F G   | 14<br>4       |              | SG on post.                       | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 3725  | CONNEAUT BOAT CLUB<br>WEST LIGHT      | 41-58-17.800N<br>080-33-08.580W | F R   | 14<br>4       |              | TR on post.                       | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 3731  | - NORTH LIGHT 1                       | 41-58-13.000N<br>080-33-20.000W | FI G 3s   | 19<br>6       |              | SG on post.                       | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 3732  | - NORTH LIGHT 2                       | 41-58-14.300N<br>080-33-19.800W | FI R 3s   | 19<br>6       |              | TR on post.                       | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 3733  | - <i>Lighted Buoy 2</i>               | 41-58-14.520N<br>080-33-22.320W | FI R 2.5s   |               |              |                                   | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 3734  | - <i>Lighted Buoy 4</i>               | 41-58-09.220N<br>080-33-20.570W | FI R 2.5s   |               |              |                                   | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 3735  | - <i>Lighted Buoy 6</i>               | 41-58-06.120N<br>080-33-20.500W | FI R 2.5s   |               |              |                                   | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 3736  | - <i>Lighted Buoy 1</i>               | 41-58-15.100N<br>080-33-18.560W | FI G 2.5s   |               |              |                                   | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 3737  | - <i>Lighted Buoy 3</i>               | 41-58-06.440N<br>080-33-18.450W | FI G 2.5s   |               |              |                                   | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 3738  | - <i>Lighted Buoy 5</i>               | 41-58-06.590N<br>080-33-18.280W | FI G 2.5s   |               |              |                                   | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| <b>ASHTABULA TO CHAGRIN RIVER (Chart 14825)</b>     |                                       |                                 |   |               |              |                                   |  |
| 3740  | ASHTABULA INTAKE<br>BREAKWATER LIGHT  | 41-54-48.000N<br>080-46-12.000W | FI G 3s   | 17<br>5       |              | SG on skeleton<br>tower.          | Maintained from Apr. 15 to Nov. 1.<br>Private aid. |
| 3742  | ASHTABULA TOWNSHIP<br>BREAKWALL LIGHT | 41-54-30.000N<br>080-46-48.100W | F Y   | 7<br>2        |              | On single pile.                   | Private aid.                                       |



| (1)<br>No.                                      | (2)<br>Name and Location                        | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                               | (8)<br>Remarks                          |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE ERIE</b>                                |   |                                 |                       |               |              |  |   |
| <b>ASHTABULA HARBOR (Chart 14836)</b>           |   |                                 |                       |               |              |  |   |
| <b>Ashtabula Harbor</b>                         |   |                                 |                       |               |              |  |   |
| 3745  | - LIGHT   | 41-55-06.555N<br>080-47-45.840W | FI Y 6s               | 51<br>16      | 9            |  |   |
| 3750  | ASHTABULA EAST<br>BREAKWATER SOUTH END<br>LIGHT | 41-54-47.640N<br>080-46-48.043W | FI W 4s               | 25<br>8       | 8            | NR on post.                                    |   |
| 3755  | - ENTRANCE LIGHT 1                              | 41-55-11.586N<br>080-47-33.139W | FI G 4s               | 34<br>10      | 7            | White cylindrical<br>tower with green<br>band. |   |
| 3760  | - ENTRANCE LIGHT 2                              | 41-55-11.681N<br>080-47-42.117W | FI R 2.5s             | 40<br>12      | 7            | White cylindrical<br>tower with red<br>band.   |   |
| 3765  | - <i>Lighted Buoy 3</i>                         | 41-55-04.709N<br>080-47-30.465W | FI G 2.5s             |               | 3            | Green.   | Year round lighted buoy                 |
| 3770  | - <i>Junction Lighted Buoy A</i>                | 41-54-57.049N<br>080-47-33.825W | FI (2+1)G 6s          |               | 3            | Green with red<br>band.                        | Year round lighted buoy .               |
| 3775  | - INNER BREAKWATER<br>LIGHT 7                   | 41-54-43.236N<br>080-47-38.352W | FI G 2.5s             | 34<br>10      | 7            | SG on post                                     |   |
| 3780  | - <i>East Basin Lighted Buoy 1</i>              | 41-54-54.680N<br>080-47-18.674W | FI G 4s               |               | 4            | Green.   | Replaced by can Nov 15 to Apr<br>15     |
| 3785  | - <i>East Basin Lighted Buoy 2</i>              | 41-54-49.010N<br>080-47-24.384W | FI R 4s               |               | 3            | Red.   | Year round lighted buoy .               |
| 3790  | ASHTABULA RIVER LIGHT 1                         | 41-54-38.600N<br>080-47-52.300W | FI G 2.5s             | 31<br>9       | 4            | SG on post.                                    |   |
| 3795  | <i>Ashtabula River Lighted Buoy<br/>2</i>       | 41-54-39.258N<br>080-47-54.973W | FI R 4s               |               | 3            | Red  | Maintained from Apr 15 to Nov .<br>15.  |
| 3800  | ASHTABULA RIVER LIGHT 4                         | 41-54-32.800N<br>080-47-57.100W | FI R 6s               | 35<br>11      | 7            | TR on grey post.                               |   |
| 3802  | Ashtabula Buoy 5                                | 41-53-53.700N<br>080-47-36.840W |                       |               |              |  | Maintained from Apr. 14 to Nov .<br>14. |
| 3803  | Ashtabula Buoy 7                                | 41-53-41.880N<br>080-47-45.600W |                       |               |              |  | Maintained from Apr. 14 to Nov .<br>14. |
| <b>ASTABULA TO CHAGRIN RIVER (Chart 14825)</b>  |   |                                 |                       |               |              |  |   |
| 3825  | GENEVA ON THE LAKE<br>LIGHT 1                   | 41-51-33.468N<br>080-58-27.924W | FI G 2.5s             | 31<br>9       | 3            | White cylindrical<br>tower with green<br>band. |   |
| 3830  | GENEVA ON THE LAKE<br>LIGHT 2                   | 41-51-35.000N<br>080-58-26.000W | FI R 2.5s             | 31<br>9       | 5            | TR on post.                                    |   |
| <b>ASHTABULA TO CHAGRIN RIVER (Chart 14825)</b> |   |                                 |                       |               |              |  |   |
| 3832  | NORTH PERRY LIGHT 1                             | 41-49-11.364N<br>081-06-13.825W | FI G 4s               |               |              |  | Private aid.                            |
| 3832.1  | NORTH PERRY EAST<br>BREAKWATER LIGHT            | 41-49-11.610N<br>081-06-10.977W | FI W 4s               |               |              |  | Private aid.                            |
| 3833  | NORTH PERRY LIGHT 2                             | 41-49-10.757N<br>081-06-15.644W | FI R 4s               |               |              |  | Private aid.                            |
| 3833.1  | NORTH PERRY WEST<br>BREAKWATER LIGHT            | 41-49-08.039N<br>081-06-21.085W | FI W 4s               |               |              |  | Private aid.                            |
| 3834  | PAINESVILLE FISHING PIER<br>LIGHT               | 41-46-01.540N<br>081-14-01.440W |                       |               |              |  | Private aid.                            |
| <b>FAIRPORT HARBOR (Chart 14837)</b>            |   |                                 |                       |               |              |  |   |
| <b>Fairport Harbor</b>                          |   |                                 |                       |               |              |  |   |
| 3835  | - EAST BREAKWATER EAST<br>END LIGHT             | 41-46-03.030N<br>081-15-21.550W | FI R 4s               | 28<br>9       | 6            | TR on pile.                                    |   |
| 3840  | - BREAKWATER LIGHT A                            | 41-45-57.624N<br>081-16-00.198W | FI Y 2.5s             | 27<br>8       | 4            | NY on post.                                    |   |
| <b>ASHTABULA TO CHAGRIN RIVER (Chart 14825)</b> |   |                                 |                       |               |              |  |   |
| <b>Fairport Harbor</b>                          |   |                                 |                       |               |              |  |   |
| 3845  | - BREAKWATER LIGHT B                            | 41-46-00.102N<br>081-15-43.278W | FI Y 2.5s             | 27<br>8       | 4            | NY on post.                                    |   |

| (1)<br>No.                                      | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                       | (8)<br>Remarks  |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE ERIE</b>                                |   |                                 |                       |               |              |  |   |
| <b>ASHTABULA TO CHAGRIN RIVER (Chart 14825)</b> |   |                                 |                       |               |              |  |   |
| <b>Fairport Harbor</b>                          |   |                                 |                       |               |              |  |   |
| 3850  | <i>Lake County Outer PVI Crib Lighted Buoy</i><br>Marks north side of crib. | 41-46-05.600N<br>081-15-46.200W | FI W 3s               |               |              | White with orange bands and diamond.   | Maintained from Apr. 15 to Nov. 15.<br>Private aid.   |
| 3855  | LAKE COUNTY INNER CRIB LIGHT  | 41-45-39.200N<br>081-15-40.000W | FI W 2.5s             | 15<br>5       |              | NW on post.                            | Maintained from Apr. 15 to Nov. 15.<br>Private aid.   |
| 3860  | - EAST BREAKWATER LIGHT   | 41-46-04.500N<br>081-16-43.800W | FI G 4s               | 37<br>11      | 6            | SG on post.                            |   |
| 3865  | - WEST BREAKWATER EXTENSION LIGHT   | 41-46-10.000N<br>081-16-50.000W | FI R 2.5s             | 46<br>14      | 7            | TR on post.                            |   |
| 3870  | - <b>West Breakwater Light</b>  | 41-46-04.300N<br>081-16-52.200W | Iso W 6s              | 56<br>17      | 13           | Tower.<br>56                           | Fog Signal operates by keying microphone five times on VHF FM Channel 83A.<br>HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). |
| 3880  | - WEST PIER LIGHT   | 41-45-42.000N<br>081-16-48.000W | F R                   | 38<br>12      | 7            | White cylindrical tower with red band. |   |
| 3885  | - EAST PIER LIGHT   | 41-45-41.360N<br>081-16-47.850W | Iso G 6s              | 26<br>8       | 6            | SG on post.                            |   |
| 3890  | - PORT AUTHORITY BOAT RAMP LIGHT  | 41-45-34.200N<br>081-16-41.800W | Q R                   | 13<br>4       |              | On post.                               | Maintained from May 1 to Oct 31.<br>Private aid.  |
| 3891  | - PORT AUTHORITY BREAKWATER LIGHT   | 41-45-36.000N<br>081-16-40.000W | FI W 4s               | 9<br>3        |              | On post.                               | Private aid.  |
| 3895  | MORTON SALT COMPANY BOATLOADING NORTH AND SOUTH LIGHTS (2)                  | 41-45-15.300N<br>081-16-49.800W | F R                   | 13<br>4       |              |  | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| 3900  | MORTON SALT COMPANY DOLPHIN LIGHT   | 41-45-12.600N<br>081-16-49.900W | F R                   | 9<br>3        |              | On dolphin.                            | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| 3905  | <i>Painesville Inner Intake Crib Lighted Buoy 1</i>                         | 41-45-23.800N<br>081-17-52.500W | Q G                   |               |              | Green.                                 | Maintained from Apr. 15 to Nov. 15.<br>Private aid.   |
| <b>Mentor Harbor</b>                            |   |                                 |                       |               |              |  |   |
| <i>Aids maintained from May 1 to Nov. 1.</i>    |   |                                 |                       |               |              |  |   |
| 3910  | - LIGHT 1   | 41-43-30.000N<br>081-21-00.000W | F G                   | 21<br>6       |              | SG on white pile.                      | Private aid.  |
| 3915  | - LIGHT 2   | 41-43-30.000N<br>081-21-00.000W | F R                   | 21<br>6       |              | TR on white pile.                      | Private aid.  |
| 3920  | - LIGHT 3   | 41-43-30.000N<br>081-21-00.000W | FI W 2s               | 33<br>10      |              | White diamond day mark on white pile.  | Private aid.  |
| 3925  | - LIGHT 4   | 41-43-30.000N<br>081-21-00.000W | F R                   | 10<br>3       |              | On post.                               | Private aid.  |
| 3930  | - YACHT CLUB RANGE FRONT LIGHT  | 41-43-30.000N<br>081-21-00.000W | F W                   | 20<br>6       |              | On white post.                         | Private aid.  |
| 3935  | - YACHT CLUB RANGE REAR LIGHT   | 41-43-30.000N<br>081-21-00.000W | F W                   | 25<br>8       |              | On white post.                         | Private aid.  |
| <b>ASHTABULA TO CHAGRIN RIVER (Chart 14825)</b> |   |                                 |                       |               |              |  |   |
| 3940  | CHAGRIN EAST PIER LIGHT   | 41-40-37.800N<br>081-26-13.200W | FI G 4s               | 22<br>7       |              | On green post.                         | Maintained from May 1 to Oct. 31.<br>Private aid.   |
| 3945  | CHAGRIN WEST PIER LIGHT   | 41-40-37.000N<br>081-26-15.100W | FI R 4s               | 27<br>8       |              | On red post.                           | Maintained from May 1 to Oct. 31.<br>Private aid.   |
| 3950  | CHAGRIN WEST PIER INNER LIGHT   | 41-40-35.200N<br>081-26-13.300W | F R                   | 32<br>10      |              | On red post.                           | Maintained from May 1 to Oct. 31.<br>Private aid.   |
| 3955  | EASTLAKE INTAKE BREAKWATER LIGHT  | 41-40-27.400N<br>081-26-49.900W | Q Y                   | 18<br>5       |              | NW on post worded DANGER.              | Maintained from Apr. 15 to Nov. 1.<br>Private aid.  |

| (1)<br>No.                                      | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                  | (8)<br>Remarks   |
|---|---|---------------------------------|-----------------------|---------------|--------------|-----------------------------------|--|
| <b>LAKE ERIE</b>                                |   |                                 |                       |               |              |                                   |  |
| <b>MOSS POINT TO VERMILLION (Chart 14826)</b>   |   |                                 |                       |               |              |                                   |  |
| <b>Wildwood Park</b>                            |   |                                 |                       |               |              |                                   |  |
| <i>Lights maintained from May 1 to Oct. 15.</i> |   |                                 |                       |               |              |                                   |  |
| 3975  | - WEST DETACHED<br>BREAKWATER LIGHT                                   | 41-35-17.000N<br>081-34-02.000W | Q W                   | 16<br>5       |              | NW on pile.                       | Private aid.   |
| 3980  | - CENTER DETACHED<br>BREAKWATER LIGHT                                 | 41-35-19.000N<br>081-34-00.000W | Q W                   | 16<br>5       |              | NW on pile.                       | Private aid.   |
| 3985  | - EAST DETACHED<br>BREAKWATER LIGHT                                   | 41-35-21.000N<br>081-39-59.000W | Q W                   | 16<br>5       |              | NW on pile.                       | Private aid.   |
| 3990  | - EAST PIERHEAD LIGHT   | 41-35-18.000N<br>081-34-58.000W | FI G 4s               | 16<br>5       |              | SG on pile.                       | Private aid.   |
| 3995  | - WEST PIERHEAD LIGHT   | 41-35-14.000N<br>081-33-58.000W | FI R 4s               | 16<br>5       |              | TR on pile.                       | Private aid.   |
| 3996  | - INNER PIERHEAD LIGHT  | 41-35-15.000N<br>081-33-54.000W | FI G 4s               | 16<br>5       |              | SG on pile.                       | Private aid.   |
| 4000  | EUCLID BEACH EAST<br>BREAKWATER LIGHT                                 | 41-35-01.000N<br>081-34-07.000W | Q G                   | 26<br>8       |              | On post.                          | Private aid.   |
| 4005  | EUCLID BEACH WEST<br>BREAKWATER LIGHT                                 | 41-35-01.000N<br>081-34-15.000W | Q G                   | 26<br>8       |              | On post.                          | Private aid.   |
| 4015  | NORTHEAST YACHT CLUB<br>OUTER LIGHT                                   | 41-34-25.000N<br>081-35-03.000W | F R                   | 14<br>4       |              | On pile.                          | Maintained from Mar. 15 to Nov. 1.<br>Private aid.   |
| 4020  | NORTHEAST YACHT CLUB<br>INNER LIGHT                                   | 41-34-24.000N<br>081-35-04.000W | F G                   | 14<br>4       |              | On pile.                          | Maintained from Mar. 15 to Nov. 1.<br>Private aid.   |
| 4021  | NEWPORT HARBOR<br>ENTRANCE LIGHT 1                                    | 41-33-25.000N<br>081-36-30.000W | F G                   | 20<br>6       |              | SG on post.                       | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 4022  | NEWPORT HARBOR<br>ENTRANCE LIGHT 2                                    | 41-33-25.000N<br>081-36-33.000W | F R                   | 20<br>6       |              | TR on post.                       | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 4025  | <i>GLERL Cleveland</i>  | 41-44-00.660N<br>081-41-54.240W | FI Y 4s               |               |              |                                   | Secured with two point mooring system, lighted spar buoys with the same flash characteristics marking mooring locations.<br>Private aid. |
| 4027  | <i>Limco Tech Cleveland A</i>   | 41-35-31.200N<br>081-47-31.200W |                       |               |              |                                   | Private aid.   |
| 4027.1  | <i>Limco Tech Cleveland B</i>   | 41-44-06.000N<br>081-41-52.800W |                       |               |              |                                   | Private aid.   |
| 4030  | CLEVELAND WATERWORKS<br>INTAKE CRIB LIGHT                             | 41-32-54.000N<br>081-45-00.000W | Q W                   | 55<br>17      |              | Square house on cylindrical crib. | Maintained from May 1 to Dec. 1.<br>HORN: 1 blast ev 30s (3s bl).<br>Private aid.  |
| 4035  | <i>Cleveland Intake Lighted Buoy</i><br>Marks submerged water intake. | 41-32-54.000N<br>081-45-48.000W | FI W 4s               |               |              | White with orange bands.          | Replaced by unlighted buoy from Nov. 1 to May. 1.<br>Private aid.  |
| <b>MOSS POINT TO VERMILLION (Chart 14826)</b>   |   |                                 |                       |               |              |                                   |  |
| 4037  | <i>Cleveland Water Quality</i>  | 41-33-07.560N<br>081-46-02.640W | FI Y 4s               |               |              |                                   | Private aid.   |
| <b>CLEVELAND HARBOR (Chart 14839)</b>           |   |                                 |                       |               |              |                                   |  |
| <b>Cleveland Harbor</b>                         |   |                                 |                       |               |              |                                   |  |
| <b>Gordon Park</b>                              |   |                                 |                       |               |              |                                   |  |
| 4040  | - DISPOSAL LIGHT A  | 41-32-52.812N<br>081-38-00.696W | FI W 4s               | 40<br>12      | 7            | NB on post.                       |  |
| 4045  | - BOAT BASIN LIGHT 1  | 41-32-33.576N<br>081-38-17.514W | FI G 2.5s             | 40<br>12      | 4            | SG on post.                       |  |
| 4050  | - BOAT BASIN ENTRANCE<br>NORTH LIGHT                                  | 41-32-29.400N<br>081-38-08.900W | FI R 4s               | 18<br>5       |              | On pile.                          | Maintained from May 1 to Oct. 15.<br>Private aid.  |
| 4055  | - BOAT BASIN ENTRANCE<br>SOUTH LIGHT                                  | 41-32-27.700N<br>081-38-09.300W | FI G 4s               | 18<br>5       |              | On pile.                          | Maintained from May 1 to Oct. 15.<br>Private aid.  |

| (1)<br>No.   | (2)<br>Name and Location                       | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks  |
|--|--|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE ERIE</b>   |  |                                 |                       |               |              |  |   |
| <b>CLEVELAND HARBOR (Chart 14839)</b>                    |  |                                 |                       |               |              |  |   |
| <b>Cleveland Harbor</b>                                  |  |                                 |                       |               |              |  |   |
| <i>Lighted buoys maintained from Apr. 28 to Dec. 14.</i> |  |                                 |                       |               |              |  |   |
| 4060   | - EAST ENTRANCE LIGHT 2                        | 41-32-34.980N<br>081-39-05.060W | Iso R 6s              | 59<br>18      | 9            | White cylindrical tower with red band                        |   |
| 4065   | - <i>East Basin Channel Lighted Buoy 1</i>     | 41-32-25.440N<br>081-39-02.631W | FI G 4s               |               | 4            | Green.   | Maintained from Apr 14 to Dec 1.  |
| 4075   | - EAST 55TH STREET MARINA ENTRANCE NORTH LIGHT | 41-31-57.500N<br>081-39-14.800W | FI G 4s               | 14<br>4       |              | On pile.   | Maintained from May 1 to Oct. 15.<br>Private aid.   |
| 4080   | - EAST 55TH STREET MARINA ENTRANCE SOUTH LIGHT | 41-31-57.000N<br>081-39-12.200W | FI R 4s               | 18<br>5       |              | On pile.   | Maintained from May 1 to Oct. 15.<br>Private aid.   |
| 4085   | - <i>East Basin Channel Lighted Buoy 3</i>     | 41-31-55.430N<br>081-39-55.668W | FI G 4s               |               | 4            | Green.   | Maintained from Apr 14 to Dec 1.  |
| 4095   | - EAST BASIN DIKE LIGHT 2                      | 41-31-43.777N<br>081-39-44.504W | FI R 4s               | 27<br>8       | 4            | TR on skeleton tower.  |   |
| 4100   | Forest City Yacht Club 4                       | 41-31-38.487N<br>081-39-40.278W |                       |               |              | Red nun.   | Private aid.  |
| 4104   | BKL REGULATED NAVIGATION AREA LIGHT            | 41-31-28.000N<br>081-40-02.600W | FI Y 4s               | 6<br>2        |              | NW on pile worded DANGER LOW FLYING AIRCRAFT.                | Private aid.  |
| 4105   | LAKESIDE YACHT CLUB ENTRANCE NORTH LIGHT       | 41-31-12.400N<br>081-40-00.800W | F G                   | 7<br>2        |              | On post.   | Maintained from Mar. 1 to Dec. 1.<br>Private aid.   |
| 4110   | LAKESIDE YACHT CLUB ENTRANCE SOUTH LIGHT       | 41-31-12.400N<br>081-40-00.800W | F R                   | 7<br>2        |              | On post.   | Maintained from Mar. 1 to Dec. 1.<br>Private aid.   |
| 4120   | - <i>East Basin Channel Lighted Buoy 4</i>     | 41-31-36.305N<br>081-40-39.922W | FI R 6s               |               | 4            | Red.   | Replaced by nun from Dec. 1 to Apr. 14.   |
| 4135   | - <i>East Basin Channel Lighted Buoy 5</i>     | 41-30-49.192N<br>081-41-52.351W | FI G 4s               |               | 4            | Green.   | Replaced by can from Dec. 1 to Apr. 14.   |
| 4140   | - <i>East Basin Channel Lighted Buoy 6</i>     | 41-30-53.086N<br>081-41-56.218W | FI R 6s               |               | 4            | Red.   | Replaced by nun from Dec. 1 to Apr. 14.   |
| 4147   | North Coast Harbor Day beacon 1                | 41-30-37.500N<br>081-41-53.700W |                       |               |              | SG on pilings.   | Private aid.  |
| 4150   | NORTH COAST HARBOR LIGHT 2                     | 41-30-33.200N<br>081-41-49.500W | FI R 4s               | 23<br>7       |              | TR on post.  | Maintained from Apr. 15 to Nov. 15.<br>Private aid.   |
| 4155   | - <i>East Basin Channel Lighted Buoy 8</i>     | 41-30-36.182N<br>081-42-26.023W | FI R 4s               |               | 4            | Red.   | Year Round Lighted Buoy   |
| 4160   | - <b>Main Entrance Light</b>                   | 41-30-32.210N<br>081-43-04.350W | FI R 6s               | 63<br>19      | 14           | White conical tower with fog signal building attached.<br>50 | HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates from Apr. 1 to Dec. 1. Operates by keying microphone five times on VHF-FM Ch. 83A. |
| 4165   | - MAIN ENTRANCE LIGHT 1                        | 41-30-36.528N<br>081-42-55.716W | Iso G 6s              | 39<br>12      | 7            | Tower.   |   |
| 4170   | - LIGHT 3                                      | 41-30-28.374N<br>081-42-47.664W | FI G 4s               | 29<br>9       | 4            | SG on post.  |   |
| 4175   | - LIGHT 4                                      | 41-30-23.100N<br>081-42-57.400W | FI R 4s               | 29<br>9       | 6            | TR on post.  |   |
| 4180   | - LIGHT 5                                      | 41-30-14.270N<br>081-42-41.690W | FI G 2.5s             | 31<br>9       | 4            | SG on post.  |   |
| 4185   | - LIGHT 6                                      | 41-30-12.816N<br>081-42-45.228W | FI R 2.5s             | 27<br>8       | 5            | TR on post.  |   |
| <b>Whiskey Island Marina</b>                             |  |                                 |                       |               |              |  |   |
| 4190   | - ENTRANCE LIGHT 1                             | 41-29-59.000N<br>081-43-02.000W | FI G 2s               | 7<br>2        |              | SG on post.  | Private aid.  |

| (1)<br>No.   | (2)<br>Name and Location           | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range      | (7)<br>Structure                         | (8)<br>Remarks   |
|--|------------------------------------|---------------------------------|-----------------------|---------------|-------------------|--|--|
| <b>LAKE ERIE</b>   |                                    |                                 |                       |               |                   |  |  |
| <b>CLEVELAND HARBOR (Chart 14839)</b>                      |                                    |                                 |                       |               |                   |  |  |
| <b>Cleveland Harbor</b>                                    |                                    |                                 |                       |               |                   |  |  |
| <b>Whiskey Island Marina</b>                               |                                    |                                 |                       |               |                   |  |  |
| 4191   | - ENTRANCE LIGHT 2                 | 41-29-57.200N<br>081-43-04.000W | FI R 2s               | 7<br>2        |                   | TR on post.                              | Private aid.   |
| <b>Cleveland Harbor West Basin Channel</b>                 |                                    |                                 |                       |               |                   |  |  |
| 4200   | <i>Great Lakes East Mooring</i>    | 41-30-01.660N<br>081-43-19.140W | F W                   |               |                   |  | Maintained from Apr. 15 to Nov. 15.<br>Private aid.  |
| 4200.1   | <i>Great Lakes West Mooring</i>    | 41-29-57.510N<br>081-43-26.570W | F W                   |               |                   |  | Maintained from Apr. 15 to Nov. 15.<br>Private aid.  |
| 4215   | - LIGHT 1                          | 41-29-46.110N<br>081-43-45.264W | Q G                   | 31<br>9       | 6                 | SG on post.                              | Light visible from 255° to 200°.   |
| 4220   | - LIGHT 2                          | 41-29-44.594N<br>081-43-46.744W | FI R 2.5s             | 30<br>9       | 4                 | TR on post.                              |  |
| 4225   | - JUNCTION LIGHT                   | 41-29-42.984N<br>081-43-41.976W | Iso W 6s              | 21<br>6       | W 3<br>G 3<br>R 3 | JG on post.                              | White light visible from 123° to 133°. Red light visible from 114° to 122°. Green light visible from 134° to 140°. |
| 4230   | - Day beacon 4                     | 41-29-42.900N<br>081-43-45.000W |                       |               |                   | TR on triangular tower.                  |  |
| 4232   | - LIGHT 7                          | 41-29-47.300N<br>081-43-37.900W | FI G 2.5s             | 31<br>9       | 4                 | SG on post.                              | Light visible from 210° to 070°.   |
| 4233   | - LIGHT 8                          | 41-29-45.312N<br>081-43-37.476W | FI R 6s               | 31<br>9       | 4                 | TR on post.                              | Light visible from 210° to 100°.   |
| <b>Cuyahoga River</b>                                      |                                    |                                 |                       |               |                   |  |  |
| 4240   | CUYAHOGA RIVER<br>ABUTMENT LIGHT   | 41-28-46.100N<br>081-40-29.800W | F R                   | 14<br>4       |                   |  | Private aid.   |
| <b>MOSS POINT TO VERMILLION (Chart 14826)</b>              |                                    |                                 |                       |               |                   |  |  |
| 4245   | ROCKY RIVER LIGHT 1                | 41-29-30.864N<br>081-50-20.142W | FI G 2.5s             | 35<br>11      | 6                 | White cylindrical tower with green band. |  |
| 4250   | ROCKY RIVER<br>BREAKWATER LIGHT    | 41-29-24.400N<br>081-50-10.500W | FI Y 4s               | 28<br>9       | 6                 | NY on post.                              |  |
| 4255   | BRADSTREET LANDING<br>DOCK LIGHT   | 41-29-07.000N<br>081-52-03.000W | FI G 6s               | 36<br>11      |                   | On post.                                 | Maintained from Apr. 15 to Nov. 15.<br>Private aid.  |
| 4256   | CASHELMARA JETTY LIGHT             | 41-29-00.000N<br>081-52-42.000W | Q Y                   | 20<br>6       |                   | On post.                                 | Maintained from Apr. 15 to Nov. 15.<br>Private aid.  |
| <b>Avon Lake</b>   |                                    |                                 |                       |               |                   |  |  |
| <i>Launch Basin aids maintained from Apr. 1 to Nov. 1.</i> |                                    |                                 |                       |               |                   |  |  |
| 4270   | - INTAKE BREAKWATER<br>LIGHT       | 41-30-30.000N<br>082-03-18.000W | FI W 2.5s             | 12<br>4       |                   | NB on pedestal.                          | Private aid.   |
| 4274   | - LAUNCH BASIN LIGHT 1             | 41-30-17.000N<br>082-03-37.000W | FI G 4s               | 25<br>8       |                   | SG on post.                              | Private aid.   |
| 4275   | - LAUNCH BASIN LIGHT 2             | 41-30-17.000N<br>082-03-41.000W | FI R 2.5s             | 25<br>8       |                   | TR on post.                              | Private aid.   |
| 4280   | - LAUNCH BASIN<br>BREAKWATER LIGHT | 41-30-13.000N<br>082-03-45.000W | Q W                   | 27<br>8       |                   | NW on post worded DANGER.                | Private aid.   |
| <b>MOSS POINT TO VERMILLION (Chart 14826)</b>              |                                    |                                 |                       |               |                   |  |  |
| 4300   | SHEFFIELD LAKE LIGHT 1             | 41-29-27.944N<br>082-06-49.319W | FI G 4s               |               |                   |  | Private aid.   |
| 4301   | SHEFFIELD LAKE LIGHT 2             | 41-29-27.484N<br>082-06-49.042W | FI R 4s               |               |                   |  | Private aid.   |
| <b>LORAIN HARBOR (Chart 14841)</b>                         |                                    |                                 |                       |               |                   |  |  |
| <b>Lorain Harbor</b>                                       |                                    |                                 |                       |               |                   |  |  |
| 4320   | - Light                            | 41-28-51.620N<br>082-11-43.290W | FI W 6s               | 60<br>18      | 12                | On tower.<br>50                          | HORN: 1 blast ev 30s (3s bl-27s si). Operates by keying microphone five times on VHF-FM Ch. 83A.                   |

| (1)<br>No.                                      | (2)<br>Name and Location                       | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                  | (8)<br>Remarks                           |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE ERIE</b>                                |  |                                 |                       |               |              |   |  |
| <b>LORAIN HARBOR (Chart 14841)</b>              |  |                                 |                       |               |              |   |  |
| <b>Lorain Harbor</b>                            |  |                                 |                       |               |              |   |  |
| 4323  | - DETACHED BREAKWATER<br>MIDDLE LIGHT          | 41-28-49.800N<br>082-11-29.100W | FI Y 4s               | 20<br>6       | 3            | On post.  |  |
| 4325  | - DETACHED BREAKWATER<br>EAST LIGHT            | 41-28-47.520N<br>082-11-17.200W | Q Y                   | 25<br>8       | 4            | NY on post.                                       |  |
| 4330  | - LIGHT 1                                      | 41-28-41.982N<br>082-11-16.914W | FI G 2.5s             | 30<br>9       | 4            | SG on post.                                       |  |
| 4335  | - LIGHT 2                                      | 41-28-39.000N<br>082-11-26.000W | FI R 4s               | 58<br>18      | 7            |   |  |
| 4345  | - <i>Lighted Buoy 5</i>                        | 41-28-31.075N<br>082-11-03.595W | FI G 4s               |               | 4            | Green.  | Replaced by can from Nov. 14 to Apr. 15. |
| 4350  | - LIGHT 6                                      | 41-28-25.800N<br>082-11-09.700W | FI R 6s               | 32<br>10      | 4            | TR on post.                                       |  |
| 4355  | - LIGHT 7                                      | 41-28-24.800N<br>082-10-57.600W | FI G 4s               | 32<br>10      | 4            | SG on post.                                       |  |
| 4360  | - INNER HARBOR<br>DETACHED BREAKWATER<br>LIGHT | 41-28-47.688N<br>082-11-15.685W | FI Y 2.5s             | 32<br>10      | 4            | NY on post.                                       |  |
| 4365  | - EAST BREAKWATER<br>MIDDLE LIGHT              | 41-28-35.514N<br>082-10-52.203W | FI Y 4s               | 25<br>8       | 8            | NY on post.                                       |  |
| 4370  | - Inner Harbor Day beacon 1                    | 41-28-26.100N<br>082-10-52.500W |                       |               |              | SG on post.                                       |  |
| 4375  | - Inner Harbor Day beacon 2                    | 41-28-23.300N<br>082-10-54.900W |                       |               |              | TR on post.                                       |  |
| 4380  | - JUNCTION LIGHT                               | 41-28-20.814N<br>082-10-57.468W | FI (2+1)G 6s          | 30<br>9       | 6            | JG on post.                                       |  |
| 4385  | U.S. STEEL CORPORATION<br>MOORING CELL LIGHT   | 41-27-13.000N<br>082-08-47.000W | Q R                   | 17<br>5       |              | Sheet piling<br>mooring cell.                     | Private aid.                             |
| 4390  | LAKEVIEW PARK WEST<br>LIGHT                    | 41-27-49.271N<br>082-11-52.975W | FI Y 2.5s             | 30<br>9       | 4            | NY on post.                                       |  |
| 4395  | LAKEVIEW PARK EAST<br>LIGHT                    | 41-27-54.800N<br>082-11-41.700W | FI Y 4s               | 30<br>9       | 4            | NY on post.                                       |  |
| <b>MOSS POINT TO VERMILLION (Chart 14826)</b>   |  |                                 |                       |               |              |   |  |
| <b>Beaver Creek</b>                             |  |                                 |                       |               |              |   |  |
| <i>Lights maintained from May 1 to Oct. 31.</i> |  |                                 |                       |               |              |   |  |
| 4410  | - ENTRANCE LIGHT 1                             | 41-26-16.000N<br>082-15-09.300W | F G                   | 25<br>8       |              | SG on lighthouse.                                 | Private aid.                             |
| 4415  | - ENTRANCE LIGHT 2                             | 41-26-15.100N<br>082-15-10.500W | F R                   | 15<br>5       |              | TR on post.                                       | Private aid.                             |
| 4420  | - ENTRANCE LIGHT 4                             | 41-26-13.200N<br>082-15-07.300W | FI R 2.5s             | 15<br>5       |              | TR on post.                                       | Private aid.                             |
| 4425  | - ENTRANCE LIGHT 5                             | 41-26-12.700N<br>082-15-09.800W | F G                   | 15<br>5       |              | SG on post.                                       | Private aid.                             |
| 4426  | - ENTRANCE LIGHT 6                             | 41-26-12.200N<br>082-15-06.900W | F R                   | 15<br>5       |              | TR on post.                                       | Private aid.                             |
| 4429  | - <b>Water Tower Light</b>                     | 41-25-17.200N<br>082-21-30.300W | FI W 4s               | 191<br>58     |              | White, single-<br>pedestal<br>watersphere.<br>150 | Private aid.                             |
| <b>Vermilion</b>                                |  |                                 |                       |               |              |   |  |
| 4430  | - DETACHED BREAKWATER<br>LIGHT A               | 41-25-45.000N<br>082-21-45.500W | Q W                   | 25<br>8       | 4            | NB on post.                                       |  |
| 4435  | - DETACHED BREAKWATER<br>LIGHT B               | 41-25-45.100N<br>082-21-50.100W | FI W 6s               | 30<br>9       | 8            | NB on post.                                       |  |
| 4440  | - BREAKWATER DETACHED<br>LIGHT C               | 41-25-44.322N<br>082-21-55.938W | Q W                   | 25<br>8       | 4            | NB on post.                                       |  |
| 4445  | - EAST PIERHEAD LIGHT 1                        | 41-25-42.100N<br>082-21-49.500W | FI G 4s               | 22<br>7       | 4            | SG on post.                                       |  |
| 4450  | - WEST PIERHEAD LIGHT 2                        | 41-25-41.450N<br>082-21-51.420W | FI R 4s               | 27<br>8       | 4            | TR on post.                                       |  |
| 4451  | - MUSEUM LIGHTHOUSE                            | 41-25-30.800N<br>082-22-00.500W | F W                   | 35<br>11      |              | White conical<br>tower.                           | Private aid.                             |

| (1)<br>No.                                    | (2)<br>Name and Location              | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure              | (8)<br>Remarks  |
|---|---------------------------------------|---------------------------------|-----------------------|---------------|--------------|-------------------------------|---|
| <b>LAKE ERIE</b>                              |                                       |                                 |                       |               |              |                               |   |
| <b>MOSS POINT TO VERMILLION (Chart 14826)</b> |                                       |                                 |                       |               |              |                               |   |
| <b>Beaver Creek</b>                           |                                       |                                 |                       |               |              |                               |   |
| <b>Vermilion</b>                              |                                       |                                 |                       |               |              |                               |   |
| 4455  | BEACHWOOD VILLA LIGHT 1               | 41-23-16.300N<br>082-31-26.800W | F G                   | 15<br>5       |              | SG on post.                   | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| 4460  | BEACHWOOD VILLA LIGHT 2               | 41-23-17.200N<br>082-31-26.000W | F R                   | 15<br>5       |              | TR on post.                   | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| <b>HURON HARBOR (Chart 14843)</b>             |                                       |                                 |                       |               |              |                               |   |
| <b>Huron Harbor</b>                           |                                       |                                 |                       |               |              |                               |   |
| 4475  | - Light                               | 41-24-16.490N<br>082-32-38.160W | Iso R 6s              | 80<br>24      | 12           | Square pyramidal tower.<br>80 | HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates by keying microphone five times on VHF-FM Ch. 83A. |
| 4485  | - Entrance Lighted Buoy 1             | 41-24-32.053N<br>082-32-13.969W | FI G 6s               |               | 4            | Green.                        | Replaced by can from Dec. 1 to Apr. 14.   |
| 4490  | - Entrance Buoy 2                     | 41-24-34.133N<br>082-32-18.419W |                       |               |              | Red nun.                      |   |
| 4495  | - Entrance Buoy 3                     | 41-24-14.024N<br>082-32-32.840W |                       |               |              | Green can.                    |   |
| 4500  | - LIGHT 5                             | 41-24-01.830N<br>082-32-43.060W | FI G 4s               | 25<br>8       | 5            | SG on post.                   |   |
| 4505  | - LIGHT 8                             | 41-23-57.090N<br>082-32-56.090W | FI R 4s               | 27<br>8       | 5            | TR on post.                   |   |
| 4510  | - LIGHT 7                             | 41-23-54.510N<br>082-32-53.560W | FI G 2.5s             | 25<br>8       | 4            | SG on post.                   |   |
| 4515  | HURON RIVER MOORING BASIN NORTH LIGHT | 41-23-36.000N<br>082-23-13.800W | F R                   | 15<br>5       |              | On pile.                      | Maintained from May 1 to Oct. 1.<br>Private aid.  |
| 4520  | HURON RIVER MOORING BASIN SOUTH LIGHT | 41-23-35.200N<br>082-33-13.700W | F G                   | 15<br>5       |              | On pile.                      | Maintained from May 1 to Oct. 1.<br>Private aid.  |
| <b>WEST END OF LAKE ERIE (Chart 14830)</b>    |                                       |                                 |                       |               |              |                               |   |
| 4525  | SAWMILL CREEK ENTRANCE EAST LIGHT     | 41-25-00.000N<br>082-35-38.000W | F G                   | 20<br>6       |              | Pole on seawall.              | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| 4530  | SAWMILL CREEK ENTRANCE WEST LIGHT     | 41-25-03.000N<br>082-35-41.000W | F R                   | 20<br>6       |              | Pole on seawall.              | Maintained from May 1 to Nov. 1.<br>Private aid.  |

**LAKE ERIE (Chart 14820)**

|                                      |                    |                                 |         |         |    |  |  |
|--------------------------------------|--------------------|---------------------------------|---------|---------|----|--|--|
| <b>SANDUSKY HARBOR (Chart 14845)</b> |                    |                                 |         |         |    |  |  |
| <b>Sandusky Harbor</b>               |                    |                                 |         |         |    |  |  |
| 4550                                 | BGSU Sandusky Buoy | 41-27-46.599N<br>082-39-00.629W | FI Y 4s |         |    |  | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 4560                                 | - Breakwater Light | 41-29-57.148N<br>082-40-28.880W | FI W 6s | 30<br>9 | 11 | White cylindrical tower with green band.<br>30 | HORN: 1 blast ev 30s (3s bl-27s si). Operates by keying microphone five times on VHF-FM Ch. 83A. |

**LAKE ERIE**

|                                      |  |                                 |          |          |  |                                 |                                 |
|--------------------------------------|--|---------------------------------|----------|----------|--|---------------------------------|---------------------------------|
| <b>SANDUSKY HARBOR (Chart 14845)</b> |  |                                 |          |          |  |                                 |                                 |
| <b>Sandusky Harbor</b>               |  |                                 |          |          |  |                                 |                                 |
| <b>Moseley Channel</b>               |  |                                 |          |          |  |                                 |                                 |
| 4570                                 | - RANGE FRONT LIGHT  | 41-29-11.121N<br>082-42-12.521W | Q G      | 33<br>10 |  | KRW on white cylindrical tower. | Higher intensity on range line. |
| 4575                                 | - RANGE REAR LIGHT<br>2,606 feet, 237.0° from front light. | 41-28-57.114N<br>082-42-41.254W | Iso G 6s | 77<br>23 |  | KRW on white cylindrical tower. | Higher intensity on range line. |

| (1)<br>No.                           | (2)<br>Name and Location                                   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                | (8)<br>Remarks  |
|--------------------------------------|--|---------------------------------|-----------------------|---------------|--------------|---------------------------------|---|
| <b>LAKE ERIE</b>                     |  |                                 |                       |               |              |                                 |   |
| <b>SANDUSKY HARBOR (Chart 14845)</b> |  |                                 |                       |               |              |                                 |   |
| <b>Sandusky Harbor</b>               |  |                                 |                       |               |              |                                 |   |
| <b>Moseley Channel</b>               |  |                                 |                       |               |              |                                 |   |
| 4580                                 | - Lighted Bell Buoy 1                                      | 41-30-20.276N<br>082-39-45.647W | FI G 4s               |               | 4            | Green.                          | Maintained from Apr. 14 to Dec. 1.<br>AIS MMSI: 993672197 |
| 4585                                 | - Lighted Buoy 2   | 41-30-23.576N<br>082-39-48.647W | FI R 4s               |               | 4            | Red.                            | Maintained from Apr. 14 to Dec. 1.<br>AIS MMSI: 993672198 |
| 4595                                 | - Lighted Buoy 4   | 41-30-02.372N<br>082-40-32.495W | FI R 4s               |               | 4            | Red.                            | Replaced by nun from Dec. 1 to Apr. 14.                   |
| 4600                                 | - Lighted Buoy 5   | 41-29-41.079N<br>082-41-06.152W | FI G 4s               |               | 4            | Green.                          | Maintained from Apr. 14 to Dec. 07.                       |
| 4605                                 | - Lighted Buoy 6   | 41-29-44.479N<br>082-41-08.753W | FI R 4s               |               | 4            | Red.                            | Replaced by nun from Dec. 1 to Apr. 14.                   |
| 4610                                 | - Buoy 8   | 41-29-31.469N<br>082-41-35.416W |                       |               |              | Red nun.                        |   |
| 4615                                 | - Lighted Buoy 9   | 41-29-24.403N<br>082-41-39.757W | Q G                   |               | 4            | Green.                          | Year round lighted buoy.                                  |
| 4620                                 | - Lighted Buoy 10  | 41-29-23.386N<br>082-41-49.461W | FI R 2.5s             |               | 4            | Red.                            | Replaced by can from Dec. 7 to Apr. 14.                   |
| <b>Sandusky Straight Channel</b>     |  |                                 |                       |               |              |                                 |   |
| 4625                                 | - RANGE FRONT LIGHT  | 41-29-28.955N<br>082-41-45.730W | Q W                   | 33<br>10      |              | KRW on white cylindrical tower. | Higher intensity on range line.                           |
| 4630                                 | - RANGE REAR LIGHT<br>1,513 feet, 017.1° from front light. | 41-29-43.248N<br>082-41-39.891W | Iso W 6s              | 77<br>23      |              | KRW on white cylindrical tower. | Higher intensity on range line.                           |
| 4635                                 | - Lighted Buoy 11  | 41-29-14.380N<br>082-41-48.855W | Q G                   |               | 4            | Green.                          | Replaced by can from Dec. 7 to Apr. 14.                   |
| 4640                                 | - Lighted Buoy 12  | 41-29-10.262N<br>082-41-56.576W | FI R 4s               |               | 4            | Red.                            | Replaced by nun from Dec. 7 to Apr. 14.                   |
| 4645                                 | CEDAR POINT WATER INTAKE LIGHT                             | 41-29-00.900N<br>082-41-36.400W | FI Y 4s               | 20<br>6       |              | NY on green post.               | Maintained from Apr. 1 to Dec. 1.<br>Private aid.         |
| 4650                                 | - Lighted Buoy 13  | 41-28-32.181N<br>082-42-06.257W | FI G 4s               |               | 4            | Green.                          | Replaced by can from Dec. 7 to Apr. 14.                   |
| 4655                                 | - Lighted Buoy 14  | 41-28-32.981N<br>082-42-11.657W | FI R 2.5s             |               | 4            | Red.                            |   |
| 4660                                 | Sandusky Exit Channel Junction<br>Lighted Buoy E           | 41-28-22.781N<br>082-42-15.657W | FI (2+1)R 6s          |               | 4            | Red and green bands.            | Replaced by nun from Dec. 7 to Apr. 14.                   |
| 4665                                 | - Buoy 15  | 41-27-53.982N<br>082-42-21.857W |                       |               |              | Green can.                      |   |
| 4670                                 | - Lighted Buoy 16  | 41-27-52.682N<br>082-42-27.858W | FI R 2.5s             |               | 4            | Red.                            | Replaced by nun from Dec. 7 to Apr. 14.                   |
| <b>Sandusky Dock Channel</b>         |  |                                 |                       |               |              |                                 |   |
| 4675                                 | - Lighted Buoy 18  | 41-27-43.083N<br>082-42-39.159W | FI R 4s               |               | 4            | Red.                            | Replaced by nun from Dec. 7 to Apr. 14.                   |
| 4676                                 | DOCK OF THE BAY MARINA ENTRANCE LIGHT                      | 41-27-37.700N<br>082-42-41.600W | F R                   | 18<br>5       |              | TR on white post.               | Maintained from Apr. 7 to Dec. 1.<br>Private aid.         |
| 4677                                 | DOCK OF THE BAY MARINA EAST BREAKWATER LIGHT               | 41-27-38.200N<br>082-42-42.800W | F W                   | 18<br>5       |              | On grey post.                   | Maintained from Apr. 7 to Dec. 1.<br>Private aid.         |



| (1)<br>No.                           | (2)<br>Name and Location                                   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                    | (8)<br>Remarks                                     |
|--------------------------------------|--|---------------------------------|-----------------------|---------------|--------------|-------------------------------------|--|
| <b>LAKE ERIE</b>                     |  |                                 |                       |               |              |                                     |  |
| <b>SANDUSKY HARBOR (Chart 14845)</b> |  |                                 |                       |               |              |                                     |  |
| <b>Sandusky Harbor</b>               |  |                                 |                       |               |              |                                     |  |
| <b>Sandusky Dock Channel</b>         |  |                                 |                       |               |              |                                     |  |
| 4678                                 | DOCK OF THE BAY MARINA<br>WEST BREAKWATER LIGHT            | 41-27-35.700N<br>082-42-49.000W | F W                   | 18<br>5       |              | On grey post.                       | Maintained from Apr. 7 to Dec. 1.<br>Private aid.  |
| 4680                                 | - Lighted Buoy 20  | 41-27-33.083N<br>082-43-05.960W | FI R 4s               |               | 4            | Red.                                | Replaced by nun from Dec. 7 to Apr. 14.            |
| 4685                                 | - LIGHT 21   | 41-27-25.155N<br>082-43-16.300W | FI G 4s               | 19<br>6       | 5            | SG on pile.                         |  |
| 4690                                 | - Lighted Buoy 23  | 41-27-18.161N<br>082-43-36.327W | FI G 4s               |               | 4            | Green.                              | Replaced by can from Dec. 7 to Apr. 14.            |
| 4695                                 | - Lighted Buoy 24  | 41-27-20.984N<br>082-43-38.462W | FI R 4s               |               | 4            | Red.                                | Replaced by nun from Dec. 7 to Apr. 14.            |
| 4705                                 | SANDUSKY HARBOR<br>TURNING BASIN LIGHT                     | 41-27-23.071N<br>082-43-44.729W | FI W 2.5s             | 20<br>6       | 5            | NR on post.                         |  |
| <b>Sandusky Bay Exit Channel</b>     |  |                                 |                       |               |              |                                     |  |
| 4710                                 | - Buoy 9   | 41-27-27.384N<br>082-43-50.663W |                       |               |              | Green can.                          |  |
| 4715                                 | - Lighted Buoy 7   | 41-27-44.034N<br>082-43-45.090W | FI G 2.5s             |               | 4            | Green.                              | Replaced by can from Dec. 7 to Apr. 14.            |
| 4720                                 | - Buoy 8   | 41-27-51.684N<br>082-43-47.663W |                       |               |              | Red nun.                            |  |
| 4725                                 | - RANGE FRONT LIGHT  | 41-28-33.610N<br>082-41-50.580W | Q G                   | 33<br>10      |              | KRW on white square skeleton tower. | Higher intensity on range line.                    |
| 4730                                 | - RANGE REAR LIGHT<br>2,600 feet, 063.7° from front light. | 41-28-45.008N<br>082-41-19.972W | Iso G 6s              | 53<br>16      |              | KRW on white square skeleton tower. | Visible 4° each side of range line.                |
| 4735                                 | - RANGE REAR PASSING LIGHT                                 | 41-28-45.008N<br>082-41-19.968W | FI Y 4s               | 23<br>7       | 4            |                                     |  |
| 4740                                 | - Lighted Buoy 6   | 41-27-56.184N<br>082-43-35.962W | FI R 4s               |               | 4            | Red.                                | Replaced by nun from Dec. 7 to Apr. 14.            |
| 4745                                 | - Lighted Buoy 5   | 41-27-53.284N<br>082-43-34.862W | FI G 2.5s             |               | 4            | Green.                              | Replaced by can from Dec. 7 to Apr. 14.            |
| 4750                                 | - Lighted Buoy 4   | 41-28-09.683N<br>082-42-59.560W | FI R 4s               |               | 4            | Red.                                | Replaced by nun from Dec. 7 to Apr. 14.            |
| 4755                                 | - Lighted Buoy 3   | 41-28-06.983N<br>082-42-57.860W | FI G 4s               |               | 4            | Green.                              | Replaced by can from Dec. 7 to Apr. 14.            |
| 4760                                 | - Lighted Buoy 2   | 41-28-23.582N<br>082-42-22.358W | FI R 2.5s             |               | 4            | Red.                                | Replaced by nun from Dec. 7 to Apr. 14.            |
| <b>Cedar Point Marina</b>            |  |                                 |                       |               |              |                                     |  |
| 4765                                 | - ENTRANCE LIGHT 1   | 41-28-38.100N<br>082-41-08.900W | F G                   | 15<br>5       |              | SG on post.                         | Maintained from Mar. 1 to Dec. 15.<br>Private aid. |
| 4770                                 | - ENTRANCE LIGHT 2   | 41-28-40.700N<br>082-41-07.800W | F R                   | 15<br>5       |              | TR on post.                         | Maintained from Mar. 1 to Dec. 15.<br>Private aid. |
| 4775                                 | - BREAKWATER LIGHT   | 41-28-32.800N<br>082-40-57.900W | F W                   | 15<br>5       |              | NW on post.                         | Maintained from Mar. 1 to Dec. 15.<br>Private aid. |
| 4780                                 | - SOUTH BASIN LIGHT 2                                      | 41-28-22.100N<br>082-40-52.900W | FI R 2.5s             | 22<br>7       |              | TR on post.                         | Maintained from Apr. 1 to Nov. 15.<br>Private aid. |

| (1)<br>No.   | (2)<br>Name and Location                 | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|--|--|---------------------------------|-----------------------|---------------|--------------|-------------------|---|
| <b>LAKE ERIE</b>   |  |                                 |                       |               |              |                   |   |
| <b>SANDUSKY HARBOR (Chart 14845)</b>                       |  |                                 |                       |               |              |                   |   |
| <b>Sandusky Harbor</b>                                     |  |                                 |                       |               |              |                   |   |
| <b>Cedar Point Marina</b>                                  |  |                                 |                       |               |              |                   |   |
| 4785   | - SOUTH BASIN LIGHT 1                    | 41-28-20.000N<br>082-40-55.000W | FI G 2.5s             | 22<br>7       |              | SG on post.       | Maintained from Apr. 1 to Nov. 15.<br>Private aid.                                      |
| <b>LAKE ERIE (Chart 14820)</b>                             |  |                                 |                       |               |              |                   |   |
| <b>SANDUSKY HARBOR (Chart 14845)</b>                       |  |                                 |                       |               |              |                   |   |
| <b>Sandusky Harbor</b>                                     |  |                                 |                       |               |              |                   |   |
| 4790   | SADLER SAILING BASIN<br>ENTRANCE LIGHT 1 | 41-27-39.600N<br>082-41-51.300W | F G                   | 10<br>3       |              | On post.          | Maintained from Apr. 15 to Oct. 15.<br>Private aid.                                     |
| 4795   | SADLER SAILING BASIN<br>ENTRANCE LIGHT 2 | 41-27-40.200N<br>082-41-51.800W | F R                   | 13<br>4       |              | On post.          | Maintained from Apr. 15 to Oct. 15.<br>Private aid.                                     |
| 4800   | SANDUSKY SLUDGE BASIN<br>LIGHT           | 41-27-38.300N<br>082-41-49.000W | Q R                   | 13<br>4       |              | On white post.    | Maintained from Apr. 15 to Oct. 15.<br>Private aid.                                     |
| 4805   | EAST COVE ENTRANCE<br>LIGHT 1            | 41-27-33.300N<br>082-41-53.500W | F G                   | 7<br>2        |              | On spar on jetty. | Maintained from Apr. 15 to Oct. 15.<br>Private aid.                                     |
| 4806   | EAST COVE ENTRANCE<br>LIGHT 2            | 41-27-32.500N<br>082-41-56.600W | F R                   | 15<br>5       |              | On pole.          | Maintained from Apr. 15 to Oct. 15.<br>Private aid.                                     |
| 4807   | EAST COVE ENTRANCE<br>LIGHT 3            | 41-27-32.000N<br>082-41-55.700W | F G                   | 15<br>5       |              | On pole.          | Maintained from Apr. 15 to Oct. 15.<br>Private aid.                                     |
| 4810   | CAUSEWAY LEADING LIGHT                   | 41-27-21.500N<br>082-40-24.200W | F G                   | 5<br>2        |              | On black pile.    | Visible from 037.25° to 157.25°.<br>Maintained from Apr. 15 to Oct. 15.<br>Private aid. |
| <b>LAKE ERIE</b>   |  |                                 |                       |               |              |                   |   |
| <b>SANDUSKY HARBOR (Chart 14845)</b>                       |  |                                 |                       |               |              |                   |   |
| <b>Sandusky Harbor</b>                                     |  |                                 |                       |               |              |                   |   |
| <b>Harbor Development Channel</b>                          |  |                                 |                       |               |              |                   |   |
| <i>Aids to navigation maintained from May 1 to Nov. 1.</i> |  |                                 |                       |               |              |                   |   |
| 4815   | East Bay Channel Lighted<br>Buoy 1       | 41-27-42.400N<br>082-40-23.900W | FI G 4s               |               |              | Green.            | Private aid.  |
| 4820   | East Bay Channel Lighted<br>Buoy 2       | 41-27-41.100N<br>082-40-24.100W | FI R 4s               |               |              | Red.              | Private aid.  |
| 4825   | East Bay Channel Lighted<br>Buoy 3       | 41-27-41.800N<br>082-40-18.000W | FI G 4s               |               |              | Green.            | Private aid.  |
| 4830   | East Bay Channel Lighted<br>Buoy 4       | 41-27-40.600N<br>082-40-18.900W | FI R 4s               |               |              | Red.              | Private aid.  |
| 4835   | East Bay Channel Lighted<br>Buoy 5       | 41-27-41.200N<br>082-40-13.200W | Q G                   |               |              | Green.            | Private aid.  |
| 4840   | East Bay Channel Lighted<br>Buoy 6       | 41-27-39.900N<br>082-40-14.700W | Q R                   |               |              | Red.              | Private aid.  |
| 4845   | East Bay Channel Lighted<br>Buoy 7       | 41-27-32.600N<br>082-40-03.700W | FI G 4s               |               |              | Green.            | Private aid.  |
| 4850   | East Bay Channel Lighted<br>Buoy 8       | 41-27-31.500N<br>082-40-05.300W | FI R 4s               |               |              | Red.              | Private aid.  |
| 4855   | East Bay Channel Lighted<br>Buoy 9       | 41-27-25.900N<br>082-39-56.000W | FI G 4s               |               |              | Green.            | Private aid.  |
| 4860   | East Bay Channel Lighted<br>Buoy 10      | 41-27-25.200N<br>082-39-57.800W | FI R 4s               |               |              | Red.              | Private aid.  |
| 4865   | East Bay Channel Lighted<br>Buoy 11      | 41-27-21.500N<br>082-39-51.000W | FI G 4s               |               |              | Green.            | Private aid.  |
| 4870   | East Bay Channel Lighted Buoy<br>12      | 41-27-20.900N<br>082-39-52.400W | FI R 4s               |               |              | Red.              | Private aid.  |
| 4875   | East Bay Channel Lighted<br>Buoy 13      | 41-27-16.400N<br>082-39-45.200W | FI G 4s               |               |              | Green.            | Private aid.  |
| 4880   | East Bay Channel Lighted<br>Buoy 14      | 41-27-16.100N<br>082-39-47.400W | FI R 4s               |               |              | Red.              | Private aid.  |
| 4885   | East Bay Channel Lighted<br>Buoy 15      | 41-27-09.100N<br>082-39-39.500W | Q G                   |               |              | Green.            | Private aid.  |

| (1)<br>No.   | (2)<br>Name and Location                 | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks                                      |
|--|--|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE ERIE</b>   |  |                                 |                       |               |              |  |   |
| <b>SANDUSKY HARBOR (Chart 14845)</b>                       |  |                                 |                       |               |              |  |   |
| <b>Sandusky Harbor</b>                                     |  |                                 |                       |               |              |  |   |
| <b>Harbor Development Channel</b>                          |  |                                 |                       |               |              |  |   |
| <i>Aids to navigation maintained from May 1 to Nov. 1.</i> |  |                                 |                       |               |              |  |   |
| 4890   | East Bay Channel Lighted Buoy 16         | 41-27-09.000N<br>082-39-38.900W | Q R                   |               |              | Red.   | Private aid.  |
| 4895   | East Bay Channel Lighted Buoy 17         | 41-27-02.200N<br>082-39-40.800W | FI G 4s               |               |              | Green.   | Private aid.  |
| 4900   | East Bay Channel Lighted Buoy 18         | 41-27-02.200N<br>082-39-42.800W | FI R 4s               |               |              | Red.   | Private aid.  |
| 4905   | East Bay Channel Lighted Buoy 19         | 41-26-55.800N<br>082-39-44.400W | Q G                   |               |              | Green.   | Private aid.  |
| 4910   | East Bay Channel Lighted Buoy 20         | 41-26-56.400N<br>082-39-45.400W | FI R 4s               |               |              | Red.   | Private aid.  |
| 4915   | East Bay Channel Lighted Buoy 21         | 41-26-53.800N<br>082-39-51.500W | FI G 4s               |               |              | Green.   | Private aid.  |
| 4920   | East Bay Channel Lighted Buoy 22         | 41-26-54.800N<br>082-39-51.900W | FI R 4s               |               |              | Red.   | Private aid.  |
| 4925   | East Bay Channel Lighted Buoy 23         | 41-26-51.900N<br>082-40-01.000W | FI G 4s               |               |              | Green.   | Private aid.  |
| 4930   | East Bay Channel Lighted Buoy 24         | 41-26-53.000N<br>082-40-01.200W | FI R 4s               |               |              | Red.   | Private aid.  |
| 4935   | East Bay Channel Lighted Buoy 25         | 41-26-50.000N<br>082-40-09.900W | FI G 4s               |               |              | Green.   | Private aid.  |
| 4940   | East Bay Channel Lighted Buoy 26         | 41-26-51.500N<br>082-40-10.100W | FI R 4s               |               |              | Red.   | Private aid.  |
| <b>Lyman Harbor</b>  |  |                                 |                       |               |              |  |   |
| 4945   | - LIGHT                                  | 41-27-19.200N<br>082-41-02.400W | FI W 4s               | 43<br>13      |              | Steel frame lighthouse red with yellow trim and worded LYMAN in black. | Private aid.  |
| 4946   | - LIGHT 1                                | 41-27-17.670N<br>082-40-59.880W | FI G 2s               | 10<br>3       |              | SG on end of break wall.   | Private aid.  |
| 4947   | - LIGHT 2                                | 41-27-19.200N<br>082-41-02.400W | FI R 2s               | 6<br>2        |              | TR on end of break wall.   | Private aid.  |
| <b>Harbor Development Channel</b>                          |  |                                 |                       |               |              |  |   |
| <i>Aids to navigation maintained from May 1 to Nov. 1.</i> |  |                                 |                       |               |              |  |   |
| 4950   | BATTERY PARK MARINA SOUTH ENTRANCE LIGHT | 41-27-50.000N<br>082-42-02.400W | F G                   | 20<br>6       |              | On post.   | Maintained from May 1 to Oct. 31.<br>Private aid.   |
| 4955   | BATTERY PARK MARINA NORTH ENTRANCE LIGHT | 41-27-51.000N<br>082-42-02.500W | F R                   | 20<br>6       |              | On post.   | Maintained from May 1 to Oct. 31.<br>Private aid.   |
| 4960   | SANDUSKY YACHT CLUB LIGHT 1              | 41-27-45.600N<br>082-42-21.600W | Q G                   | 23<br>7       |              | SG on post.  | Maintained from Apr. 15 to Dec. 15.<br>Private aid. |
| 4965   | SANDUSKY YACHT CLUB LIGHT 2              | 41-27-45.000N<br>082-42-22.200W | Q R                   | 23<br>7       |              | TR on post.  | Maintained from Apr. 15 to Dec. 15.<br>Private aid. |
| <b>ISLANDS IN LAKE ERIE (Chart 14844)</b>                  |  |                                 |                       |               |              |  |   |
| <b>West End Sandusky Bay</b>                               |  |                                 |                       |               |              |  |   |
| 4970   | DANBURY BREAKWATER LIGHT                 | 41-30-20.000N<br>082-45-31.000W | FI G 4s               | 23<br>7       |              | On post.   | Maintained from Apr. 15 to Nov. 15.<br>Private aid. |
| 4972   | BAY WINDS ENTRANCE LIGHT 1               | 41-30-07.380N<br>082-46-21.000W | FI G 4s               |               |              |  | Private aid.  |
| 4972.1   | BAY WINDS ENTRANCE LIGHT 2               | 41-30-07.800N<br>082-46-20.880W | FI R 4s               |               |              |  | Private aid.  |
| 4975   | COMMODORE BAY MARINA ENTRANCE LIGHT 1    | 41-30-08.000N<br>082-46-24.000W | F G                   |               |              | SG on post.  | Maintained from May 1 to Nov. 1.<br>Private aid.    |
| 4980   | COMMODORE BAY MARINA ENTRANCE LIGHT 2    | 41-30-10.000N<br>082-42-24.000W | F R                   |               |              | TR on post.  | Maintained from May 1 to Nov. 1.<br>Private aid.    |

| (1)<br>No.   | (2)<br>Name and Location                            | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|--|---|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE ERIE</b>   |   |                                 |                       |               |              |   |   |
| <b>ISLANDS IN LAKE ERIE (Chart 14844)</b>  |   |                                 |                       |               |              |   |   |
| <b>West End Sandusky Bay</b>   |   |                                 |                       |               |              |   |   |
| 4985   | LOCKWOOD ENTRANCE<br>CHANNEL JETTY LIGHT 1          | 41-29-17.000N<br>082-53-28.000W | FI G 4s               |               |              |   | Private aid.  |
| 4985.1   | LOCKWOOD ENTRANCE<br>CHANNEL JETTY LIGHT 2          | 41-29-17.000N<br>082-53-28.000W | FI R 4s               |               |              |   | Private aid.  |
| 4986   | QUARRY ENTRANCE<br>CHANNEL LIGHT 1                  | 41-29-19.000N<br>082-53-43.000W | FI G 6s               |               |              |   | Private aid.  |
| 4986.1   | QUARRY ENTRANCE<br>CHANNEL LIGHT 2                  | 41-29-19.000N<br>082-53-43.000W | FI R 6s               |               |              |   | Private aid.  |
| <b>Sandusky Bay Channel</b>  |   |                                 |                       |               |              |   |   |
| 4990   | - TRANSMISSION LINE<br>LIGHT A                      | 41-29-04.500N<br>082-49-36.000W | Q W                   | 15<br>5       |              | NW worded<br>DANGER on<br>concrete pier.                        | Maintained from May 1 to Dec.<br>1.<br>Private aid.       |
| 4995   | Thomas Edison Bridge Shoal<br>Buoy A                | 41-29-03.000N<br>082-50-02.000W |                       |               |              | White with orange<br>bands and diamond<br>worded HAZARD.        | Maintained from May 1 to Oct.<br>15.<br>Private aid.      |
| 5000   | Thomas Edison Bridge Shoal<br>Buoy B                | 41-29-09.000N<br>082-50-03.000W |                       |               |              | White with orange<br>bands and diamond<br>worded HAZARD.        | Maintained from May 1 to Oct.<br>15.<br>Private aid.      |
| 5005   | Thomas Edison Bridge Shoal<br>Buoy C                | 41-29-06.000N<br>082-50-02.000W |                       |               |              | White can with<br>orange bands and<br>diamond worded<br>HAZARD. | Maintained from May 1 to Oct.<br>15.<br>Private aid.      |
| 5010   | - TRANSMISSION LINE<br>LIGHT B                      | 41-28-57.000N<br>082-49-33.000W | Q W                   | 15<br>5       |              | NW worded<br>DANGER on<br>concrete pier.                        | Maintained from May 1 to Dec.<br>1.<br>Private aid.       |
| <b>SOUTH SHORE OF LAKE ERIE (Chart 14842)</b>  |   |                                 |                       |               |              |   |   |
| <b>West End Sandusky Bay</b>   |   |                                 |                       |               |              |   |   |
| <b>Sandusky Bay Channel</b>  |   |                                 |                       |               |              |   |   |
| 5020   | Willow Point Buoy A                                 | 41-26-42.000N<br>082-53-12.000W |                       |               |              | White with orange<br>bands.                                     | Maintained from May 15 to Oct.<br>15.<br><br>Private aid. |
| 5025   | Willow Point Buoy B                                 | 41-26-42.000N<br>082-53-24.000W |                       |               |              | White with orange<br>bands.                                     | Maintained from May 15 to Oct.<br>15.<br>Private aid.     |
| 5030   | Willow Point Buoy C                                 | 41-26-30.000N<br>082-53-30.000W |                       |               |              | White with orange<br>bands.                                     | Maintained from May 15 to Oct.<br>15.<br>Private aid.     |
| <b>Muddy Creek</b>   |   |                                 |                       |               |              |   |   |
| 5085   | SQUAW ISLAND LIGHT                                  | 41-27-09.500N<br>082-59-41.200W | Q W                   | 25<br>8       | 3            | NW "DANGER<br>SHOALING"<br>day marks on<br>structure            |   |
| <b>Sandusky River</b>  |   |                                 |                       |               |              |   |   |
| <i>Buoys maintained from May 1 to Nov. 1. Due to silting, buoys may be relocated without prior notice.</i> |   |                                 |                       |               |              |   |   |
| 5090   | - Day beacon Outer                                  | 41-26-58.242N<br>083-00-00.384W |                       |               |              | NW on pile.<br>"DANGER<br>ROCKS"                                |   |
| 5096   | - Day beacon Middle                                 | 41-26-56.880N<br>083-00-03.912W |                       |               |              | NW on pile.<br>"DANGER<br>ROCKS"                                |   |
| 5100   | - Day beacon Inner                                  | 41-26-50.592N<br>083-00-06.882W |                       |               |              | NW on pile.<br>"DANGER<br>ROCKS"                                |   |
| <b>South Passage to Maumee Bay</b>   |   |                                 |                       |               |              |   |   |
| <b>Bay Point</b>   |   |                                 |                       |               |              |   |   |
| 5170   | - Shoal Lighted Buoy 2<br>Marks east side of shoal. | 41-30-12.029N<br>082-41-28.254W | FI R 4s               |               | 5            | Red.  | Maintained from Apr. 14 to Nov.<br>14.                    |

| (1)<br>No.   | (2)<br>Name and Location              | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure              | (8)<br>Remarks                                       |
|--|---------------------------------------|---------------------------------|-----------------------|---------------|--------------|-------------------------------|--|
| <b>LAKE ERIE</b>   |                                       |                                 |                       |               |              |                               |  |
| <b>SOUTH SHORE OF LAKE ERIE (Chart 14842)</b>  |                                       |                                 |                       |               |              |                               |  |
| <b>South Passage to Maumee Bay</b>   |                                       |                                 |                       |               |              |                               |  |
| <b>Bay Point State Park Hazard</b>   |                                       |                                 |                       |               |              |                               |  |
| <i>Buoys maintained from Apr. 15 to Oct. 15. Due to shifting sandbar, buoys may be relocated without prior notice.</i> |                                       |                                 |                       |               |              |                               |  |
| 5215   | BAY POINT MARINA EAST LIGHT           | 41-30-51.200N<br>082-43-11.200W | Q W                   | 10<br>3       |              | On white post.                | Maintained from May 15 to Nov. 15.<br>Private aid.   |
| 5245   | BAY POINT MARINA SOUTH LIGHT          | 41-30-34.600N<br>082-43-30.000W | Q W                   | 8<br>2        |              | On white post.                | Maintained from May 15 to Nov. 15.<br>Private aid.   |
| 5246   | JOHNSON ISLAND LIGHT 2                | 41-29-27.600N<br>082-43-50.400W | FI R 4s               | 15<br>5       |              | On single pole.               | Maintained from Apr. 1 to Oct. 31.<br>Private aid.   |
| 5247   | JOHNSON ISLAND LIGHT 1                | 41-29-24.600N<br>082-43-54.000W | FI G 4s               | 15<br>5       |              | On single pole.               | Maintained from Apr. 1 to Oct. 31.<br>Private aid.   |
| 5250   | <b>Marblehead Light</b>               | 41-32-10.750N<br>082-42-42.550W | FI G 6s               | 67<br>20      | 12           | White structure with red trim |  |
| 5260   | PLEASANT POINTE SOUTHEAST PIER LIGHT  | 41-32-22.300N<br>082-42-52.400W | F R                   | 16<br>5       |              | On post.                      | Maintained from Apr. 15 to Nov. 30.<br>Private aid.  |
| 5261   | PLEASANT POINTE SOUTH PIER LIGHT      | 41-32-22.100N<br>082-42-52.900W | F G                   | 16<br>5       |              | On post.                      | Maintained from Apr. 15 to Nov. 30.<br>Private aid.  |
| 5265   | MARBLEHEAD STONE DOCK LIGHT           | 41-32-42.000N<br>082-43-48.000W | Q W                   | 18<br>5       |              | NW on post.                   | Maintained from Mar. 15. to Dec. 15.<br>Private aid. |
| 5270   | LAKESIDE ASSOCIATION DOCK LIGHT       | 41-32-53.000N<br>082-45-03.000W | F R                   | 10<br>3       |              | On post.                      | Maintained from Apr. 15 to Nov. 1.<br>Private aid.   |
| 5275   | LAKESIDE MARINE INC. BREAKWATER LIGHT | 41-32-48.500N<br>082-45-17.000W | F G                   | 20<br>6       |              | On pile.                      | Maintained from Mar. 15 to Dec. 15.<br>Private aid.  |
| 5280   | LAKESIDE MARINE INC. PIERHEAD LIGHT   | 41-32-48.700N<br>082-45-14.000W | Q W                   | 35<br>11      |              | White structure.              | Maintained from Mar. 15 to Dec. 15.<br>Private aid.  |
| <b>WEST END OF LAKE ERIE (Chart 14846)</b>   |                                       |                                 |                       |               |              |                               |  |
| <b>Port Clinton</b>  |                                       |                                 |                       |               |              |                               |  |
| <i>Buoys maintained from May 14 to Nov. 1.</i>   |                                       |                                 |                       |               |              |                               |  |
| 5282   | MAZURIK FISH ACCESS LIGHT 1           | 41-32-36.240N<br>082-45-55.380W | FI G 4s               |               |              |                               | Private aid.   |
| 5283   | MAZURIK FISH ACCESS LIGHT 2           | 41-32-35.160N<br>082-45-55.440W | FI R 4s               |               |              |                               | Private aid.   |
| <b>SOUTH SHORE OF LAKE ERIE (Chart 14842)</b>  |                                       |                                 |                       |               |              |                               |  |
| <b>South Passage to Maumee Bay</b>   |                                       |                                 |                       |               |              |                               |  |
| <b>Bay Point State Park Hazard</b>   |                                       |                                 |                       |               |              |                               |  |
| <i>Buoys maintained from Apr. 15 to Oct. 15. Due to shifting sandbar, buoys may be relocated without prior notice.</i> |                                       |                                 |                       |               |              |                               |  |
| 5285   | SCHROCKS MARINA EAST BREAKWATER LIGHT | 41-32-31.300N<br>082-46-04.800W | F W                   | 20<br>6       |              | On post.                      | Maintained from Apr. 20 to Oct. 20.<br>Private aid.  |
| 5290   | SCHROCKS MARINA WEST BREAKWATER LIGHT | 41-32-30.900N<br>082-46-05.500W | F R                   | 15<br>5       |              | On post.                      | Maintained from Apr. 20 to Oct. 20.<br>Private aid.  |
| 5300   | LAKEVUE WEST ENTRANCE LIGHTS (3)      | 41-32-26.000N<br>082-46-22.500W | F R                   | 4<br>1        |              | On post.                      | Maintained from May 1 to Sep. 30.<br>Private aid.    |
| 5305   | EAST HARBOR ENTRANCE LIGHT 1          | 41-32-36.000N<br>082-47-00.000W | FI G 4s               | 24<br>7       |              | SG on skeleton tower.         | Private aid.   |
| 5310   | EAST HARBOR ENTRANCE LIGHT 2          | 41-32-36.000N<br>082-47-00.000W | FI R 4s               | 24<br>7       |              | TR on skeleton tower.         | Private aid.   |
| 5315   | CHANNEL GROVE MARINA DOCK LIGHT       | 41-32-11.000N<br>082-47-14.000W | FI R 4s               | 16<br>5       |              | On post.                      | Maintained from Apr. 15 to Nov. 15.<br>Private aid.  |

| (1)<br>No.                                     | (2)<br>Name and Location                        | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure              | (8)<br>Remarks                                     |
|--|---|---------------------------------|-----------------------|---------------|--------------|-------------------------------|--|
| <b>LAKE ERIE</b>                               |   |                                 |                       |               |              |                               |  |
| <b>SOUTH SHORE OF LAKE ERIE (Chart 14842)</b>  |   |                                 |                       |               |              |                               |  |
| <b>South Passage to Maumee Bay</b>             |   |                                 |                       |               |              |                               |  |
| <b>East Harbor Smallboat Concourse</b>         |   |                                 |                       |               |              |                               |  |
| <i>Buoys maintained from May 15 to Sep. 15</i> |   |                                 |                       |               |              |                               |  |
| 5325   | - Buoy 1  | 41-32-17.000N<br>082-47-12.300W |                       |               |              | Green can.                    | Private aid.                                       |
| 5330   | - Buoy 2  | 41-32-17.500N<br>082-47-14.000W |                       |               |              | Red nun.                      | Private aid.                                       |
| 5335   | - Buoy 3  | 41-32-14.300N<br>082-47-15.800W |                       |               |              | Green can.                    | Private aid.                                       |
| 5340   | - Buoy 4  | 41-32-14.600N<br>082-47-16.500W |                       |               |              | Red nun.                      | Private aid.                                       |
| 5365   | EAST HARBOR STATE PARK<br>EAST BREAKWATER LIGHT | 41-33-27.000N<br>082-47-59.000W | FI W 2.5s             | 20<br>6       |              | NW on post<br>worded DANGER.  | Private aid.                                       |
| 5370   | EAST HARBOR STATE PARK<br>WEST BREAKWATER LIGHT | 41-33-42.000N<br>082-48-12.000W | FI W 2.5s             | 20<br>6       |              | NW on post<br>worded DANGER.  | Private aid.                                       |
| 5375   | <i>Middle Harbor Shoal Lighted<br/>Buoy 1</i>   | 41-34-19.281N<br>082-47-39.473W | FI G 4s               |               | 4            | Green.                        | Maintained from Apr. 14 to Nov. 28.                |
| <b>West Harbor</b>                             |   |                                 |                       |               |              |                               |  |
| <i>Buoys maintained from May 1 to Oct. 28.</i> |   |                                 |                       |               |              |                               |  |
| 5380   | - ENTRANCE CHANNEL<br>LIGHT 1                   | 41-34-08.000N<br>082-48-33.000W | FI G 4s               | 36<br>11      | 4            | SG on post.                   |  |
| 5385   | - ENTRANCE CHANNEL<br>LIGHT 2                   | 41-34-09.000N<br>082-48-37.000W | FI R 2.5s             | 31<br>9       | 4            | TR on post.                   |  |
| 5390   | - Access Channel Buoy 3                         | 41-34-03.681N<br>082-48-39.675W |                       |               |              | Green can.                    |  |
| 5395   | - Access Channel Buoy 4                         | 41-34-04.681N<br>082-48-40.675W |                       |               |              | Red nun.                      |  |
| 5400   | - Access Channel Lighted<br>Buoy 5              | 41-33-59.969N<br>082-48-44.763W | FI G 4s               |               | 3            | Green.                        |  |
| 5405   | - Access Channel Lighted<br>Buoy 6              | 41-34-00.181N<br>082-48-46.175W | FI R 4s               |               | 3            | Red.                          |  |
| 5410   | - Access Channel Lighted<br>Buoy 8              | 41-33-54.981N<br>082-48-52.675W | FI R 4s               |               | 3            | Red.                          |  |
| 5415   | - ACCESS CHANNEL LIGHT<br>7                     | 41-33-54.500N<br>082-48-51.000W | FI G 2.5s             | 25<br>8       | 4            | SG on piles.                  |  |
| 5420   | - ACCESS CHANNEL LIGHT<br>9                     | 41-33-43.500N<br>082-48-53.000W | FI G 6s               | 15<br>5       | 4            | SG on pile.                   |  |
| 5425   | - ACCESS CHANNEL LIGHT<br>10                    | 41-33-44.000N<br>082-48-55.000W | FI R 6s               | 15<br>5       | 4            | TR on pile.                   |  |
| 5430   | - Inner Channel Daybeacon<br>11                 | 41-33-33.500N<br>082-49-09.500W |                       |               |              | SG on pile.                   |  |
| 5435   | - Inner Channel Daybeacon<br>12                 | 41-33-34.200N<br>082-49-10.500W |                       |               |              | TR on pile.                   |  |
| 5440   | STATE PARK MARINA<br>ENTRANCE LIGHT 1           | 41-33-31.700N<br>082-49-15.200W | F G                   | 10<br>3       |              | SG on pyramidal<br>structure. | Maintained from Apr. 15 to Nov. 1.<br>Private aid. |
| 5445   | STATE PARK MARINA<br>ENTRANCE LIGHT 2           | 41-33-31.200N<br>082-49-16.100W | F R                   | 10<br>3       |              | TR on pyramidal<br>structure. | Maintained from Apr. 15 to Nov. 1.<br>Private aid. |
| 5450   | ANCHORS AWAY MARINA<br>ENTRANCE LIGHT 1         | 41-33-32.000N<br>082-49-18.000W | F G                   | 10<br>3       |              | On post.                      | Maintained from Apr. 1 to Dec. 1.<br>Private aid.  |
| 5455   | ANCHORS AWAY MARINA<br>ENTRANCE LIGHT 2         | 41-33-32.000N<br>082-49-18.000W | F R                   | 16<br>5       |              | On post.                      | Maintained from Apr. 1 to Dec. 1.<br>Private aid.  |
| 5460   | - JUNCTION LIGHT                                | 41-33-32.286N<br>082-49-25.469W | FI (2+1)R 6s          | 25<br>8       | 4            | JR on pile.                   |  |
| 5465   | - Inner Channel Daybeacon<br>13                 | 41-33-28.500N<br>082-49-28.000W |                       |               |              | SG on pile.                   |  |
| 5470   | - Inner Channel Daybeacon<br>14                 | 41-33-28.500N<br>082-49-30.500W |                       |               |              | TR on pile.                   |  |
| 5475   | - Inner Channel Daybeacon<br>15                 | 41-33-19.000N<br>082-49-34.600W |                       |               |              | SG on pile.                   |  |

| (1)<br>No.                                     | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                    | (8)<br>Remarks   |
|--|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE ERIE</b>                               |  |                                 |                       |               |              |   |  |
| <b>SOUTH SHORE OF LAKE ERIE (Chart 14842)</b>  |  |                                 |                       |               |              |   |  |
| <b>South Passage to Maumee Bay</b>             |  |                                 |                       |               |              |   |  |
| <b>West Harbor</b>                             |  |                                 |                       |               |              |   |  |
| <i>Buoys maintained from May 1 to Oct. 28.</i> |  |                                 |                       |               |              |   |  |
| 5480   | - Inner Channel Daybeacon<br>16  | 41-33-19.000N<br>082-49-37.000W |                       |               |              | TR on pile.   |  |
| 5485   | - Inner Channel Daybeacon<br>17  | 41-33-10.700N<br>082-49-40.000W |                       |               |              | SG on pile.   |  |
| 5490   | - Inner Channel Daybeacon<br>18  | 41-33-11.000N<br>082-49-42.500W |                       |               |              | TR on pile.   |  |
| 5492   | - Inner Channel Warning<br>Daybeacon   | 41-33-01.500N<br>082-49-53.000W |                       |               |              | NW with orange<br>stripes on pile.                  | Marks end of channel.  |
| <b>Gem Beach</b>                               |  |                                 |                       |               |              |   |  |
| 5495   | - SOUTH ENTRANCE LIGHT<br>1  | 41-34-10.000N<br>082-48-59.000W | FI G 4s               | 20<br>6       |              | SG on pile.   | Maintained from Apr. 15 to Nov. 1.<br>Private aid.   |
| 5500   | - NORTH ENTRANCE LIGHT<br>2  | 41-34-15.000N<br>082-48-54.000W | FI R 4s               | 28<br>9       |              | TR on post.   | Maintained from Apr. 15 to Nov. 1.<br>Private aid.   |
| 5505   | - Access Channel Daybeacon<br>3  | 41-33-54.800N<br>082-49-20.500W |                       |               |              | SG on pile.   |  |
| 5510   | - Access Channel Daybeacon<br>5  | 41-33-39.000N<br>082-49-24.200W |                       |               |              | SG on pile.   |  |
| 5515   | - Access Channel Daybeacon<br>6  | 41-33-39.000N<br>082-49-27.200W |                       |               |              | TR on pile.   |  |
| <b>ISLANDS IN LAKE ERIE (Chart 14844)</b>      |  |                                 |                       |               |              |   |  |
| 5520   | <i>Scott Point Shoal Lighted Buoy 1</i><br>Marks northeast side of shoal.    | 41-36-05.035N<br>082-48-22.554W | FI G 4s               |               | 4            | Green.  | Replaced by can from Nov. 7 to May 7.  |
| 5525   | <i>Starve Island Reef Lighted Buoy 2</i><br>Marks west side of reef.         | 41-36-41.500N<br>082-49-02.343W | FI R 6s               |               | 4            | Red.  | Replaced by nun from Nov. 7 to May 7.  |
| 5530   | <b>South Bass Island Light</b>   | 41-37-44.151N<br>082-50-29.554W | FI R 6s               | 95<br>29      | 12           | NR on skeleton tower.<br>75                         |  |
| 5535   | GREEN ISLAND LIGHT   | 41-38-42.110N<br>082-52-04.240W | FI W 2.5s             | 80<br>24      | 8            | NR on skeleton tower.                               | Light obscured by woods from 238° to 273°.   |
| <b>WEST END OF LAKE ERIE (Chart 14830)</b>     |  |                                 |                       |               |              |   |  |
| 5540   | <i>Niagara Reef Lighted Buoy 5</i>   | 41-40-12.277N<br>082-58-21.597W | FI G 4s               |               | 4            | Green.  |  |
| 5545   | Crib Reef Buoy 7   | 41-38-47.178N<br>082-59-59.700W |                       |               |              | Green can.  | Maintained from Apr. 7 to Nov. 1.  |
| 5550   | WEST SISTER ISLAND LIGHT   | 41-44-13.090N<br>083-06-38.331W | FI W 4s               | 55<br>17      | 9            | Tower.  | Light obscured by trees from 210° thru 269°, other scattered trees obscure light at intervals.             |
| 5552   | <i>UT LAKE ERIE CENTER A</i>   | 41-45-00.000N<br>083-06-11.000W | Iso W 2s              |               |              |   | Private aid.   |
| 5553   | <i>Battle of Lake Erie Lighted Buoy</i>                                      | 41-44-50.000N<br>083-02-00.000W | FI W 6s               |               | 5            | Red buoy hull with a blue and white vertical tower. | Maintained from Apr. 7 to Nov. 1.  |
| 5555   | <i>NOAA Lighted Weather Buoy 45005</i>                                       | 41-40-36.000N<br>082-23-54.000W | FI (4)Y 20s           |               |              | Yellow disc-shaped hull.                            | Maintained from May 1 to Dec. 1.<br><br>Aid maintained by National Oceanic and Atmospheric Administration. |
| <b>ISLANDS IN LAKE ERIE (Chart 14844)</b>      |  |                                 |                       |               |              |   |  |
| 5565   | <i>Kelleys Island Shoal Lighted Buoy 1</i><br>Marks northeast side of shoal. | 41-38-40.966N<br>082-37-56.637W | FI G 4s               |               | 4            | Green.  | Replaced by can from Nov. 7 to May 7.  |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure            | (8)<br>Remarks                                    |
|---|---|---------------------------------|-----------------------|---------------|--------------|-----------------------------|---|
| <b>LAKE ERIE</b>  |   |                                 |                       |               |              |                             |   |
| <b>ISLANDS IN LAKE ERIE (Chart 14844)</b>                           |   |                                 |                       |               |              |                             |   |
| 5570  | CAMP PATOS LIGHT  | 41-37-01.000N<br>082-40-58.000W | Fl W 2s               | 11<br>3       |              | Small lighthouse structure. | Maintained from May 30 to Sep. 1.<br>Private aid. |
| 5575  | Kelley's Island Buoy 1  | 41-37-26.370N<br>082-40-01.746W |                       |               |              | Green can.                  |   |
| 5580  | Kelley's Island Shoal Buoy 3  | 41-38-25.669N<br>082-39-30.843W |                       |               |              | Green can.                  |   |
| 5585  | KELLY ISLAND STATE PARK BREAKWATER LIGHT  | 41-37-00.000N<br>082-42-11.000W | Fl R 4s               | 20<br>6       |              | TR on gray tower.           | Private aid.                                      |
| 5590  | KELLSTONE CRIB LIGHT  | 41-36-38.000N<br>082-43-40.000W | Q R                   | 7<br>2        |              | On pile.                    | Maintained from May 1 to Dec. 20.<br>Private aid. |
| 5595  | <i>Rock Shoal Lighted Buoy 2</i>  | 41-36-15.579N<br>082-44-50.366W | Fl R 4s               |               | 4            | Red.                        | Maintained from May 7 to Nov. 7.                  |
| 5600  | <i>Gull Island Shoal Lighted Buoy 4</i><br>Marks south side of shoal.                 | 41-39-16.971N<br>082-41-19.850W | Fl R 4s               |               | 4            | Red.                        | Maintained from May 7 to Nov. 7.                  |
| 5615  | <i>Middle Bass Island East Shoal Lighted Bell Buoy 1</i><br>Marks east side of shoal. | 41-41-54.525N<br>082-45-53.981W | Fl G 4s               |               | 4            | Green.                      | Replaced by can from Nov. 7 to May 7.             |
| <b>North Bass Island</b>  |   |                                 |                       |               |              |                             |   |
| 5620  | - Shoal Buoy 2  | 41-42-36.761N<br>082-51-27.877W |                       |               |              | Red nun.                    | Maintained from May 7 to Nov. 7.                  |
| 5625  | - <i>Lighted Buoy 3</i>   | 41-43-40.133N<br>082-48-17.572W | Fl G 4s               |               | 4            | Green.                      | Replaced by can from Nov. 7 to May 7.             |
| 5630  | - Buoy 4  | 41-44-07.713N<br>082-48-35.072W |                       |               |              | Red nun.                    | Maintained from May 7 to Nov. 7.                  |
| 5635  | - <i>Lighted Bell Buoy 6</i>  | 41-45-01.872N<br>082-50-05.176W | Fl R 4s               |               | 4            | Red.                        | Maintained from May 7 to Nov. 7.                  |
| <b>ISLANDS IN LAKE ERIE (Chart 14844)</b>                           |   |                                 |                       |               |              |                             |   |
| 5650  | BALLAST ISLAND LIGHT  | 41-40-42.810N<br>082-47-02.590W | Fl W 4s               | 92<br>28      | 8            | NR on skeleton tower.       | Obscured from 014° to 070°.                       |
| 5652  | MIDDLE BASS ISLAND NORTH BREAKWATER LIGHT   | 41-40-35.490N<br>082-48-20.860W | Fl R 6s               |               |              |                             | Private aid.                                      |
| 5653  | MIDDLE BASS ISLAND SOUTH BREAKWATER LIGHT   | 41-40-34.010N<br>082-48-23.510W | Fl G 6s               |               |              |                             | Private aid.                                      |
| 5655  | <i>Ballast Island Channel Lighted Buoy 5</i>  | 41-40-16.301N<br>082-46-53.895W | Fl G 2.5s             |               | 4            | Green.                      | Maintained from May 7 to Nov. 7.                  |
| 5660  | <i>Ballast Island Channel Lighted Buoy 6</i>  | 41-40-25.476N<br>082-47-09.970W | Fl R 2.5s             |               | 4            | Red nun.                    | Maintained from May 21 to Nov. 1.                 |
| 5665  | <i>Ballast Island Channel Lighted Buoy 7</i>  | 41-40-21.376N<br>082-47-26.670W | Fl G 4s               |               | 4            | Green can.                  | Maintained from May 21 to Nov. 1.                 |
| 5670  | <b>Perry Memorial Monument Light</b>  | 41-39-14.630N<br>082-48-41.039W | Iso W 6s              | 341<br>104    | 9            | On roof of monument.<br>352 |   |
| <b>Put-In-Bay</b><br><i>Buoys maintained from May 21 to Nov. 1.</i> |   |                                 |                       |               |              |                             |   |
| 5673  | <i>Stone Lab 1</i>  | 41-39-32.760N<br>082-49-23.159W | Fl Y 2.5s             |               |              |                             | Private aid.                                      |
| 5675  | Put In Bay Shoal Buoy 1<br>Marks northwest side of shoal.                             | 41-39-33.877N<br>082-48-51.274W |                       |               |              | Green can.                  | Maintained year round.                            |
| 5680  | - <i>Channel Lighted Buoy 2</i>   | 41-39-29.200N<br>082-49-06.200W | Fl R 2.5s             |               | 3            | Red.                        |   |
| 5685  | - Channel Buoy 3  | 41-39-29.177N<br>082-48-53.674W |                       |               |              | Green can.                  |   |



| (1)<br>No.                                     | (2)<br>Name and Location           | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                    | (8)<br>Remarks                                      |
|--|------------------------------------|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE ERIE</b>                               |                                    |                                 |                       |               |              |   |   |
| <b>ISLANDS IN LAKE ERIE (Chart 14844)</b>      |                                    |                                 |                       |               |              |   |   |
| <b>Put-In-Bay</b>                              |                                    |                                 |                       |               |              |   |   |
| <i>Buoys maintained from May 21 to Nov. 1.</i> |                                    |                                 |                       |               |              |   |   |
| 5690   | - Channel Lighted Buoy 4           | 41-39-22.100N<br>082-49-06.200W | FI R 4s               |               | 4            | Red.  |   |
| 5695   | - Channel Buoy 5                   | 41-39-24.677N<br>082-48-55.774W |                       |               |              | Green can.  |   |
| 5705   | - Channel Buoy 6                   | 41-39-18.405N<br>082-49-13.476W |                       |               |              | Red nun.  |   |
| 5710   | - Channel Buoy 8                   | 41-39-17.440N<br>082-49-17.716W |                       |               |              | Red nun.  |   |
| 5715   | - Channel Buoy 10                  | 41-39-18.877N<br>082-49-21.675W |                       |               |              | Red nun.  |   |
| 5716   | - East Lighted Float               | 41-39-29.700N<br>082-48-52.500W | Q Y                   |               |              | Three 8 foot boards marked NO WAKE, on a wood raft. | Maintained from May 1 to Oct. 15.<br>Private aid.   |
| 5717   | - West Lighted Float               | 41-39-27.900N<br>082-49-07.000W | Q Y                   |               |              | Three 8 foot boards marked NO WAKE, on a wood raft. | Maintained from May 1 to Oct. 15.<br>Private aid.   |
| <b>Miller Channel</b>                          |                                    |                                 |                       |               |              |   |   |
| <i>Buoys maintained from May 1 to Nov. 1.</i>  |                                    |                                 |                       |               |              |   |   |
| 5720   | - Entrance Buoy 1                  | 41-39-20.300N<br>082-49-25.500W |                       |               |              | Green can.  | Private aid.  |
| 5725   | - Entrance Buoy 2                  | 41-39-20.700N<br>082-49-24.300W |                       |               |              | Red nun.  | Private aid.  |
| 5730   | - Entrance Buoy 3                  | 41-39-18.200N<br>082-49-30.500W |                       |               |              | Green can.  | Private aid.  |
| 5735   | - Entrance Buoy 4                  | 41-39-21.500N<br>082-49-25.200W |                       |               |              | Red nun.  | Private aid.  |
| 5736   | - Entrance Buoy 6                  | 41-39-19.600N<br>082-49-30.700W |                       |               |              | Red nun.  | Private aid.  |
| 5745   | Oak Point Reef Cut Buoy 1          | 41-39-24.000N<br>082-49-24.900W |                       |               |              | Green can.  | Maintained from Apr. 15 to Nov. 15.<br>Private aid. |
| 5750   | Oak Point Reef Cut Buoy 2          | 41-39-24.000N<br>082-49-24.800W |                       |               |              | Red nun.  | Maintained from Apr. 15 to Nov. 15.<br>Private aid. |
| <b>Put-In-Bay Anchorage</b>                    |                                    |                                 |                       |               |              |   |   |
| <i>Buoys maintained from May 1 to Nov. 1.</i>  |                                    |                                 |                       |               |              |   |   |
| 5754   | - Buoy A                           | 41-39-28.000N<br>082-49-10.900W |                       |               |              | Yellow can.   | Private aid.  |
| 5755   | - Buoy B                           | 41-39-27.200N<br>082-49-15.000W |                       |               |              | Yellow can.   | Private aid.  |
| 5760   | - Buoy C                           | 41-39-25.800N<br>082-49-20.000W |                       |               |              | Yellow can.   | Private aid.  |
| 5765   | - Buoy D                           | 41-39-24.600N<br>082-49-21.800W |                       |               |              | Yellow can.   | Private aid.  |
| 5770   | - Buoy E                           | 41-39-23.000N<br>082-49-23.800W |                       |               |              | Yellow can.   | Private aid.  |
| 5775   | Peach Orchard Point Lighted Buoy 2 | 41-39-47.176N<br>082-49-17.675W | FI R 4s               |               | 4            | Red.  | Maintained from May 07 to November 07.              |
| <b>WEST END OF LAKE ERIE (Chart 14830)</b>     |                                    |                                 |                       |               |              |   |   |
| <b>Erie Proving Ground</b>                     |                                    |                                 |                       |               |              |   |   |
| 5780   | - Buoy A                           | 41-41-29.761N<br>083-07-32.570W |                       |               |              | Yellow can.   |   |
| 5785   | - Buoy B                           | 41-41-29.073N<br>083-03-45.410W |                       |               |              | Yellow can.   |   |
| 5790   | - Buoy C                           | 41-41-29.076N<br>082-59-59.701W |                       |               |              | Yellow can.   |   |
| 5795   | - Buoy D                           | 41-38-34.468N<br>082-57-23.304W |                       |               |              | Yellow can.   |   |
| 5800   | - Buoy E                           | 41-37-05.679N<br>082-56-06.691W |                       |               |              | Yellow can.   |   |

| (1)<br>No.                                     | (2)<br>Name and Location                   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|--|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE ERIE</b>                               |  |                                 |                       |               |              |   |  |
| <b>WEST END OF LAKE ERIE (Chart 14830)</b>     |  |                                 |                       |               |              |   |  |
| <b>Erie Proving Ground</b>                     |  |                                 |                       |               |              |   |  |
| 5805   | - Buoy F                                   | 41-35-39.660N<br>082-54-53.828W |                       |               |              | Yellow can.   |  |
| 5810   | - Buoy G                                   | 41-34-36.181N<br>082-56-43.692W |                       |               |              | Yellow can.   |  |
| 5815   | - Buoy H                                   | 41-33-37.181N<br>082-58-40.696W |                       |               |              | Yellow can.   |  |
| 5820   | - Buoy J                                   | 41-36-00.178N<br>083-03-24.707W |                       |               |              | Yellow can.   |  |
| 5825   | - Buoy K                                   | 41-37-40.176N<br>083-04-52.711W |                       |               |              | Yellow can.   | Maintained from Apr. 7 to Nov. 1.                      |
| 5830   | - Buoy L                                   | 41-39-53.173N<br>083-06-17.716W |                       |               |              | Yellow can.   | Maintained from Apr. 7 to Nov. 1.                      |
| <b>ISLANDS IN LAKE ERIE (Chart 14844)</b>      |  |                                 |                       |               |              |   |  |
| 5832   | CATAWBA MILLER LIGHT A                     | 41-35-16.290N<br>082-50-15.490W | FI Y 4s               |               |              |   | Maintained from Apr. 1 to November 30.<br>Private aid. |
| 5832.1   | CATAWBA MILLER LIGHT B                     | 41-35-15.790N<br>082-50-15.360W | FI Y 4s               |               |              |   | Maintained from Apr. 1 to Nov. 30.<br>Private aid.     |
| 5832.2   | CATAWBA MILLER LIGHT C                     | 41-35-15.360N<br>082-50-15.230W | FI Y 4s               |               |              |   | Maintained from Apr. 1 to Nov. 30.<br>Private aid.     |
| 5835   | <i>Catawba Island Lighted Buoy 1</i>       | 41-34-36.631N<br>082-52-05.182W | FI G 4s               |               | 4            | Green.  | Maintained from May 7 to Nov. 7.                       |
| 5840   | CATAWBA STATE PARK PIER LIGHT              | 41-34-22.000N<br>082-51-24.000W | FI G 2.5s             | 15<br>5       |              | Skeleton tower.   | Maintained from Apr. 1 to Nov. 15.<br>Private aid.     |
| 5845   | CATAWBA CLIFFS HARBOR LIGHT                | 41-34-18.000N<br>082-51-18.000W | F R                   | 12<br>4       |              | White triangular structure.                               | Maintained from Apr. 1 to Nov. 1.<br>Private aid.      |
| 5846   | CATAWBA ISLAND MARINA SOUTH LIGHT 1        | 41-33-42.000N<br>082-51-10.000W | Q G                   | 10<br>3       |              | SG on pile.   | Maintained from Apr. 15 to Nov. 15.<br>Private aid.    |
| 5847   | CATAWBA ISLAND MARINA SOUTH LIGHT 2        | 41-33-41.000N<br>082-51-08.000W | Q R                   | 10<br>3       |              | TR on pile.   | Maintained from Apr. 15 to Nov. 15.<br>Private aid.    |
| 5849.3   | LEMARIN ENTRANCE LIGHT 5                   | 41-33-33.000N<br>082-51-10.000W | F G                   | 20<br>6       |              | SG on concrete pile.                                      | Maintained from Apr. 1 to Nov. 30.<br>Private aid.     |
| 5849.4   | LEMARIN ENTRANCE LIGHT 6                   | 41-33-32.000N<br>082-51-10.500W | F R                   | 20<br>6       |              | TR on concrete pile.                                      | Maintained from Apr. 1 to Nov. 30.<br>Private aid.     |
| 5850   | COLONY CLUB MARINA NORTH LIGHT             | 41-34-00.000N<br>082-51-25.000W | F G                   | 10<br>3       |              | White triangular structure.                               | Maintained from Apr. 1 to Nov. 1.<br>Private aid.      |
| 5855   | COLONY CLUB MARINA SOUTH LIGHT             | 41-33-13.000N<br>082-51-25.000W | F R                   | 10<br>3       |              | White triangular structure.                               | Maintained from Apr. 1 to Nov. 1.<br>Private aid.      |
| 5857   | NORTHWEST CATAWABA MARINA ENTRANCE LIGHT 1 | 41-32-53.700N<br>082-51-28.500W | FI G 3s               | 10<br>3       |              | SG on post.   | Maintained from Apr. 1 to Nov. 1.<br>Private aid.      |
| 5858   | NORTHWEST CATAWABA MARINA ENTRANCE LIGHT 2 | 41-32-52.500N<br>082-51-29.000W | FI R 3s               | 10<br>3       |              | TR on post.   | Maintained from Apr. 1 to Nov. 1.<br>Private aid.      |
| <b>WEST END OF LAKE ERIE (Chart 14846)</b>     |  |                                 |                       |               |              |   |  |
| <b>Port Clinton</b>                            |  |                                 |                       |               |              |   |  |
| <i>Buoys maintained from May 14 to Nov. 1.</i> |  |                                 |                       |               |              |   |  |
| 5860   | - Intake Crib Lighted Buoy                 | 41-31-12.500N<br>082-56-21.800W | Q W                   |               |              | White and orange bands with orange diamond worded DANGER. | Maintained from May 15 to Nov. 15.<br>Private aid.     |

| (1)<br>No.  | (2)<br>Name and Location                              | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks                                      |
|---|---|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE ERIE</b>                                      |   |                                 |                       |               |              |   |   |
| <b>WEST END OF LAKE ERIE (Chart 14846)</b>            |   |                                 |                       |               |              |   |   |
| <b>Port Clinton</b>                                   |   |                                 |                       |               |              |   |   |
| <i>Buoys maintained from May 14 to Nov. 1.</i>        |   |                                 |                       |               |              |   |   |
| 5861  | - Regional Water Intake Crib Lighted Buoy             | 41-31-20.759N<br>082-56-17.925W | FI W 4s               |               |              | White with orange bands and diamond worded DANGER CRIB. | Maintained from May 15 to Oct. 15.<br>Private aid.  |
| 5865  | - Light 2   | 41-31-08.420N<br>082-56-10.340W | FI (2)R 6s            | 30<br>9       | 10           | TR on post.<br>30                                       | Higher intensity beam on bearing of 208°.           |
| 5870  | - EAST PIERHEAD LIGHT 1                               | 41-31-08.249N<br>082-56-07.436W | FI G 6s               | 25<br>8       | 6            | SG on white pile.                                       |   |
| 5875  | - Channel Buoy 1                                      | 41-30-54.451N<br>082-57-01.051W |                       |               |              | Green can.  |   |
| 5877  | - Channel Buoy 2                                      | 41-30-55.880N<br>082-57-02.045W |                       |               |              | Red nun.  |   |
| 5880  | - Channel Buoy 3                                      | 41-30-53.427N<br>082-57-19.604W |                       |               |              | Green can.  |   |
| 5885  | - Channel Buoy 4                                      | 41-30-56.183N<br>082-57-26.693W |                       |               |              | Red nun.  |   |
| 5890  | - Channel Buoy 5                                      | 41-31-00.063N<br>082-57-38.193W |                       |               |              | Green can.  |   |
| 5895  | - Channel Buoy 6                                      | 41-31-00.983N<br>082-57-37.593W |                       |               |              | Red nun.  |   |
| 5898  | SPINNAKER BAY ENTRANCE LIGHT 1                        | 41-31-28.800N<br>082-58-05.500W | F G                   | 10<br>3       |              | SG on post on breakwater.                               | Private aid.  |
| 5899  | SPINNAKER BAY ENTRANCE LIGHT 2                        | 41-31-30.000N<br>082-58-05.500W | F R                   | 10<br>3       |              | TR on post on breakwater.                               | Private aid.  |
| <b>Lake Front Marina</b>                              |   |                                 |                       |               |              |   |   |
| 5900  | - ENTRANCE EAST LIGHT 1                               | 41-31-35.000N<br>082-58-13.800W | FI G 2s               | 13<br>4       |              | SG on pile.   | Maintained from Apr. 1 to Nov. 15.<br>Private aid.  |
| 5905  | - ENTRANCE WEST LIGHT 2                               | 41-31-35.200N<br>082-58-15.500W | FI R 2s               | 13<br>4       |              | TR on pile.   | Maintained from Apr. 1 to Nov. 15.<br>Private aid.  |
| 5910  | - RANGE FRONT LIGHT                                   | 41-31-27.300N<br>082-58-19.000W | F Y                   | 34<br>10      |              | On skeleton tower.                                      | Maintained from Apr. 15 to Nov. 15.<br>Private aid. |
| 5915  | - RANGE REAR LIGHT<br>75 feet, 210° from front light. | 41-31-27.000N<br>082-58-19.500W | F Y                   | 49<br>15      |              | On skeleton tower.                                      | Maintained from Apr. 15 to Nov. 15.<br>Private aid. |
| <b>WEST END OF LAKE ERIE (Chart 14846)</b>            |   |                                 |                       |               |              |   |   |
| <i>Crib buoys maintained from Apr. 15 to Nov. 15.</i> |   |                                 |                       |               |              |   |   |
| 5950  | Davis-Besse Nuclear Power Plant Obstruction Buoy      | 41-36-25.121N<br>083-03-48.616W |                       |               |              | Orange and white regulatory buoy marked SUBMERGED CRIB. | Maintained from Apr. 1 to Nov. 15.<br>Private aid.  |
| 5951  | Davis Besse Security Zone Buoy A                      | 41-36-22.020N<br>083-04-27.840W |                       |               |              | White with orange bands.                                | Private aid.  |
| 5951.1  | Davis Besse Security Zone Buoy B                      | 41-36-34.680N<br>083-04-16.560W |                       |               |              | White with orange bands.                                | Private aid.  |
| 5951.2  | Davis Besse Security Zone Buoy C                      | 41-36-47.220N<br>083-04-05.280W |                       |               |              | White with orange bands.                                | Private aid.  |
| 5951.3  | Davis Besse Security Zone Buoy D                      | 41-37-00.000N<br>083-03-54.000W |                       |               |              | White with orange bands.                                | Private aid.  |
| 5951.4  | Davis Besse Security Zone Buoy E                      | 41-36-48.540N<br>083-03-39.300W |                       |               |              | White with orange bands.                                | Private aid.  |
| 5951.5  | Davis Besse Security Zone Buoy F                      | 41-36-37.560N<br>083-03-25.320W |                       |               |              | White with orange bands.                                | Private aid.  |
| 5951.6  | Davis Besse Security Zone Buoy G                      | 41-36-27.060N<br>083-03-11.880W |                       |               |              | White with orange bands.                                | Private aid.  |
| 5951.7  | Davis Besse Security Zone Buoy H                      | 41-36-16.200N<br>083-02-58.020W |                       |               |              | White with orange bands.                                | Private aid.  |
| 5951.8  | Davis Besse Security Zone Buoy I                      | 41-36-05.100N<br>083-02-43.980W |                       |               |              | White with orange bands.                                | Private aid.  |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                    | (8)<br>Remarks   |
|---|---|---------------------------------|-----------------------|---------------|--------------|-------------------------------------|--|
| <b>LAKE ERIE</b>                                      |   |                                 |                       |               |              |                                     |  |
| <b>WEST END OF LAKE ERIE (Chart 14846)</b>            |   |                                 |                       |               |              |                                     |  |
| <i>Crib buoys maintained from Apr. 15 to Nov. 15.</i> |   |                                 |                       |               |              |                                     |  |
| 5951.9  | Davis Besse Security Zone Buoy J                                | 41-35-54.000N<br>083-02-30.000W |                       |               |              | White with orange bands.            | Private aid.   |
| 5952  | Davis Besse Security Zone Buoy K                                | 41-35-46.980N<br>083-02-46.980W |                       |               |              | White with orange bands.            | Private aid.   |
| 5952.1  | Davis Besse Security Zone Buoy L                                | 41-35-39.000N<br>083-03-06.000W |                       |               |              | White with orange bands.            | Private aid.   |
| 5952.2  | Davis Besse Security Zone Buoy M                                | 41-35-31.980N<br>083-03-22.980W |                       |               |              | White with orange bands.            | Private aid.   |
| <b>Wild Wings Marina</b>                              |   |                                 |                       |               |              |                                     |  |
| 5955  | - ENTRANCE LIGHT 1  | 41-36-48.500N<br>083-06-13.000W | FI G 2s               | 20<br>6       |              | SG on white post.                   | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 5960  | - ENTRANCE LIGHT 2  | 41-36-49.800N<br>083-06-14.100W | FI R 2s               | 20<br>6       |              | TR on white post.                   | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| <b>WEST END OF LAKE ERIE (Chart 14846)</b>            |   |                                 |                       |               |              |                                     |  |
| <i>Crib buoys maintained from Apr. 15 to Nov. 15.</i> |   |                                 |                       |               |              |                                     |  |
| 5970  | LONG BEACH RANGE FRONT LIGHT                                    | 41-36-53.200N<br>083-06-48.200W | F G                   | 13<br>4       |              | On white post.                      | Maintained from May 30 to Nov. 1.<br>Private aid.  |
| 5975  | LONG BEACH RANGE REAR LIGHT<br>147 feet, 159° from front light. | 41-36-52.000N<br>083-06-48.000W | F G                   | 22<br>7       |              | On white post.                      | Maintained from May 30 to Nov. 1.<br>Private aid.  |
| 5980  | LONG BEACH ENTRANCE LIGHT                                       | 41-36-53.200N<br>083-06-48.800W | F R                   | 12<br>4       |              | On white post.                      | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| <b>Turtle Creek</b>                                   |   |                                 |                       |               |              |                                     |  |
| <i>Aids maintained from Apr. 1 to Nov. 15.</i>        |   |                                 |                       |               |              |                                     |  |
| 5996  | - BREAKWATER LIGHT 2  | 41-36-59.300N<br>083-07-44.000W | FI R 2.5s             | 28<br>9       |              | TR on pile.                         | Private aid.   |
| <b>WEST END OF LAKE ERIE (Chart 14830)</b>            |   |                                 |                       |               |              |                                     |  |
| 5999  | UT LAKE ERIE CENTER C   | 41-38-59.000N<br>083-09-00.000W | Iso W 2s              |               |              |                                     | Private aid.   |
| <b>WEST END OF LAKE ERIE (Chart 14846)</b>            |   |                                 |                       |               |              |                                     |  |
| <i>Crib buoys maintained from Apr. 15 to Nov. 15.</i> |   |                                 |                       |               |              |                                     |  |
| 6000  | WARD CANAL EAST JETTY LIGHT 1                                   | 41-39-05.300N<br>083-14-11.900W | FI G 2.5s             | 22<br>7       | 4            | SG on post.                         |  |
| 6001  | WARD CANAL WEST JETTY LIGHT 2                                   | 41-39-04.800N<br>083-14-15.600W | FI R 4s               | 28<br>9       | 5            | TR on post.                         |  |
| <b>Cooley Canal</b>                                   |   |                                 |                       |               |              |                                     |  |
| 6005  | - BREAKWATER LIGHT 1  | 41-40-35.701N<br>083-16-59.203W | FI G 4s               | 30<br>9       | 4            | SG on tower.                        |  |
| 6010  | - BREAKWATER LIGHT 2  | 41-40-37.065N<br>083-17-02.179W | FI R 4s               | 30<br>9       | 4            | TR on tower.                        |  |
| <b>Turtle Creek</b>                                   |   |                                 |                       |               |              |                                     |  |
| <i>Aids maintained from Apr. 1 to Nov. 15.</i>        |   |                                 |                       |               |              |                                     |  |
| 6015  | COOLEY CANAL FRONT RANGE LIGHT                                  | 41-40-30.720N<br>083-17-01.980W | F R                   |               |              | KRW on pile.                        | Private aid.   |
| 6016  | COOLEY CANAL REAR RANGE LIGHT                                   | 41-40-29.580N<br>083-17-02.280W | F R                   |               |              | KRW in Pipe.                        | Private aid.   |
| 6025  | TOLEDO WATER WORKS INTAKE CRIB LIGHTS                           | 41-41-58.000N<br>083-15-33.000W | Q W                   | 50<br>15      |              | Circular building surmounting crib. | Four (4) lights mounted on each corner of crib. Maintained from Apr. 1 to Nov. 15.<br>Private aid. |
| 6025.5  | <i>Lirno Toledo</i>   | 41-42-04.600N<br>083-15-22.100W | FI Y 4s               |               |              |                                     | Private aid.   |
| <b>WEST END OF LAKE ERIE (Chart 14830)</b>            |   |                                 |                       |               |              |                                     |  |
| 6027  | UT LAKE ERIE CENTER B   | 41-43-58.000N<br>083-17-44.000W | Iso W 2s              |               |              |                                     | Private aid.   |

| (1)<br>No.                         | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                               | (8)<br>Remarks  |
|------------------------------------|--|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE ERIE</b>                   |  |                                 |                       |               |              |  |   |
| <b>TOLEDO HARBOR (Chart 14847)</b> |  |                                 |                       |               |              |  |   |
| <b>Maumee Bay</b>                  |  |                                 |                       |               |              |  |   |
| 6027.1                             | <i>UT Water Quality Bouy</i>   | 41-43-28.000N<br>083-22-12.000W | FI Y 4s               |               |              |  | Maintained from Jun. 1 to Nov. 1.<br>Private aid.                   |
| 6030                               | <b>Toledo Harbor Light</b>   | 41-45-42.680N<br>083-19-44.470W | Iso W 6s              | 72<br>22      | 13           |  | HORN: 1 blast ev 30s (3s bl).<br>Operates f from Apr. 1 to Dec. 1.  |
| 6035                               | - STATE PARK ENTRANCE<br>LT 2  | 41-41-11.400N<br>083-22-20.400W | FI R 3s               | 25<br>8       |              |  | Private aid.  |
| 6036                               | - STATE PARK ENTRANCE<br>LT 1  | 41-41-12.000N<br>083-22-18.000W | FI G 3s               | 25<br>8       |              |  | Private aid.  |
| 6040                               | Maumee Safe Water VAIS   | 41-50-07.946N<br>083-10-10.530W |                       |               |              |  | AIS MMSI: 993682127   |
| 6045                               | - <i>Entrance Lighted Buoy 1</i>   | 41-49-26.940N<br>083-11-27.380W | Q G                   |               | 4            | Green.   | Replaced by can f from Dec. 14<br>to Apr. 7.<br>AIS MMSI: 993672199 |
| 6050                               | - <b>Entrance Light 2</b>  | 41-49-31.919N<br>083-11-36.717W | FI R 2.5s             | 44<br>13      | 12           | TR on tower with<br>red band.<br>35            | RACON: M ( - - )<br>Horn 1 blast every 15s.                         |
| 6055                               | - Buoy 3   | 41-48-54.181N<br>083-12-41.673W |                       |               |              | Green can.                                     |   |
| 6060                               | - Buoy 4   | 41-48-58.060N<br>083-12-45.987W |                       |               |              | Red nun.                                       |   |
| 6065                               | - <i>Lighted Buoy 5</i>  | 41-48-29.301N<br>083-13-34.622W | FI G 4s               |               | 4            | Green.   | Maintained f from Apr. 7 to Dec.<br>14.                             |
| 6070                               | - <i>Lighted Buoy 6</i>  | 41-48-33.491N<br>083-13-37.953W | FI R 4s               |               | 4            | Red.   | Maintained f from Apr. 7 to Dec.<br>14                              |
| 6075                               | - Buoy 7   | 41-48-04.830N<br>083-14-26.470W |                       |               |              | Green can.                                     |   |
| 6080                               | - Buoy 8   | 41-48-08.750N<br>083-14-30.399W |                       |               |              | Red nun.                                       |   |
| 6085                               | - LIGHT 9  | 41-47-39.841N<br>083-15-17.867W | FI G 4s               | 33<br>10      | 5            | White cylindrical<br>tower with green<br>band. |   |
| 6090                               | - <i>Lighted Buoy 10</i>   | 41-47-44.720N<br>083-15-21.230W | FI R 4s               |               | 4            | Red.   | Maintained f from Apr. 7 to Dec.<br>14.<br>AIS MMSI: 993672200      |
| 6095                               | - Buoy 11  | 41-47-15.608N<br>083-16-10.917W |                       |               |              | Green can.                                     |   |
| 6100                               | - Buoy 12  | 41-47-19.561N<br>083-16-14.731W |                       |               |              | Red nun.                                       |   |
| 6105                               | MANHATTAN RANGE FRONT<br>LIGHT   | 41-41-38.683N<br>083-28-11.048W | F R                   | 24<br>7       |              | KRW on post.                                   | Lighted throughout 24 hours.  |
| 6110                               | MANHATTAN RANGE REAR<br>LIGHT<br>3,005 feet, 237.6° from<br>front light. | 41-41-22.823N<br>083-28-44.528W | F R                   | 105<br>32     |              | KRW on storage<br>bin on building.             | Lighted throughout 24 hours.  |
| 6115                               | - <i>Lighted Buoy 13</i>   | 41-46-51.333N<br>083-17-02.292W | FI G 4s               |               | 4            | Green.   | Maintained f from Apr. 7 to Dec.<br>14                              |
| 6120                               | - <i>Lighted Buoy 14</i>   | 41-46-55.450N<br>083-17-06.209W | FI R 2.5s             |               | 4            | Red.   | Maintained f from Apr. 7 to Dec.<br>14                              |
| 6125                               | - Buoy 15  | 41-46-34.550N<br>083-17-38.800W |                       |               |              | Green can.                                     |   |
| 6130                               | - Buoy 16  | 41-46-38.727N<br>083-17-41.880W |                       |               |              | Red nun.                                       |   |
| 6135                               | - <i>Lighted Buoy 17</i>   | 41-46-11.340N<br>083-18-27.540W | FI G 4s               |               | 4            | Green.   | Maintained f from Apr. 7 to Dec.<br>14.                             |

| (1)<br>No.                                      | (2)<br>Name and Location | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                               | (8)<br>Remarks  |
|---|--------------------------|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE ERIE</b>                                |                          |                                 |                       |               |              |  |   |
| <b>TOLEDO HARBOR (Chart 14847)</b>              |                          |                                 |                       |               |              |  |   |
| <b>Maumee Bay</b>                               |                          |                                 |                       |               |              |  |   |
| 6140  | - Lighted Buoy 18        | 41-46-15.869N<br>083-18-31.010W | FI R 4s               |               | 4            | Red.   | Maintained from Apr. 07 to Dec. 14.                       |
| 6145  | - Buoy 19                | 41-45-55.050N<br>083-19-02.310W |                       |               |              | Green can.                                     |   |
| 6150  | - Buoy 20                | 41-45-59.556N<br>083-19-04.743W |                       |               |              | Red nun.                                       |   |
| 6155  | - Lighted Buoy 21        | 41-45-37.490N<br>083-19-39.070W | FI G 4s               |               | 4            | Green.   | Maintained from Apr. 7 to Dec. 14.<br>AIS MMSI: 993672201 |
| 6160  | - Buoy 23                | 41-45-18.782N<br>083-20-19.389W |                       |               |              | Green can.                                     |   |
| 6165  | - Buoy 24                | 41-45-22.880N<br>083-20-23.018W |                       |               |              | Red nun.                                       |   |
| 6170  | - Lighted Buoy 25        | 41-44-59.770N<br>083-20-59.630W | FI G 4s               |               | 4            | Green.   | Maintained from Apr. 7 to Dec. 14.                        |
| 6175  | - Lighted Buoy 26        | 41-45-03.759N<br>083-21-03.207W | FI R 4s               |               | 4            | Red.   | Maintained from Apr. 7 to Dec. 14.                        |
| 6180  | - Buoy 27                | 41-44-39.625N<br>083-21-41.528W |                       |               |              | Green can.                                     |   |
| 6185  | - Buoy 28                | 41-44-43.939N<br>083-21-45.281W |                       |               |              | Red nun.                                       |   |
| 6190  | - LIGHT 29               | 41-44-19.900N<br>083-22-21.600W | FI G 4s               | 43<br>13      | 5            | SG on white cylindrical tower with green band. |   |
| 6195  | - Lighted Buoy 30        | 41-44-24.750N<br>083-22-25.310W | FI R 4s               |               | 4            | Red.   | Maintained from Apr. 7 to Dec. 14.<br>AIS MMSI: 993672202 |
| 6200  | - Buoy 31                | 41-44-04.525N<br>083-22-56.009W |                       |               |              | Green can.                                     |   |
| 6205  | - Buoy 32                | 41-44-08.527N<br>083-22-59.416W |                       |               |              | Red nun.                                       |   |
| 6210  | - Lighted Buoy 33        | 41-43-49.190N<br>083-23-28.800W | FI G 4s               |               | 4            | Green.   | Maintained from Apr. 7 to Dec. 14.                        |
| 6215  | - Lighted Buoy 34        | 41-43-53.218N<br>083-23-32.259W | FI R 4s               |               | 4            | Red.   | Maintained from Apr. 7 to Dec. 14.                        |
| 6220  | - Buoy 35                | 41-43-25.090N<br>083-24-20.170W |                       |               |              | Green can.                                     |   |
| 6225  | - Buoy 36                | 41-43-28.016N<br>083-24-25.293W |                       |               |              | Red nun.                                       |   |
| 6230  | - Lighted Buoy 37        | 41-42-58.659N<br>083-25-16.460W | FI G 4s               |               | 4            | Green.   |   |
| 6235  | - Lighted Buoy 38        | 41-43-02.830N<br>083-25-19.525W | FI R 4s               |               | 4            | Red.   |   |
| 6240  | - Buoy 40                | 41-42-42.432N<br>083-26-02.346W |                       |               |              | Red nun.                                       |   |
| <b>Disposal Area</b>                            |                          |                                 |                       |               |              |  |   |
| <i>Aids maintained from Apr. 15 to Dec. 15.</i> |                          |                                 |                       |               |              |  |   |
| 6245  | - LIGHT A                | 41-42-34.000N<br>083-26-06.000W | Q W                   | 19<br>6       |              | On dolphin.                                    | Private aid.  |
| 6250  | - LIGHT B                | 41-42-33.000N<br>083-26-09.000W | Q W                   | 19<br>6       |              | On dolphin.                                    | Private aid.  |
| <b>Maumee Bay</b>                               |                          |                                 |                       |               |              |  |   |
| 6265  | - Lighted Buoy 41        | 41-42-18.510N<br>083-26-40.019W | FI G 4s               |               | 4            | Green.   | Replaced by can f from Dec. 7 to Apr. 7.                  |
| 6270  | - Buoy 42                | 41-42-22.627N<br>083-26-43.743W |                       |               |              | Red nun.                                       |   |

| (1)<br>No.                         | (2)<br>Name and Location | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                          | (8)<br>Remarks  |
|------------------------------------|--------------------------|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE ERIE</b>                   |                          |                                 |                       |               |              |   |   |
| <b>TOLEDO HARBOR (Chart 14847)</b> |                          |                                 |                       |               |              |   |   |
| <b>Maumee Bay</b>                  |                          |                                 |                       |               |              |   |   |
| 6275                               | - Lighted Buoy 43        | 41-42-02.480N<br>083-27-14.560W | FI G 4s               |               | 4            | Green.                                    | Replaced by can f from Dec. 7 to Apr. 7.              |
| 6280                               | - Lighted Buoy 45        | 41-41-57.176N<br>083-27-26.754W | FI G 4s               |               | 4            | Green.                                    | Replaced by can f from Dec. 7 to Apr. 7.              |
| 6285                               | - Lighted Buoy 46        | 41-42-00.580N<br>083-27-34.873W | FI R 4s               |               | 4            | Red.                                      | Replaced by nun f from Dec. 7 to Apr. 7.              |
| 6290                               | - Lighted Buoy 48        | 41-41-50.503N<br>083-27-52.179W | FI R 4s               |               | 4            | Red.                                      | Replaced by nun f from Dec. 7 to Apr. 7.              |
| <b>Maumee River</b>                |                          |                                 |                       |               |              |   |   |
| 6295                               | - Lighted Buoy 49        | 41-41-38.853N<br>083-27-59.006W | FI G 4s               |               | 4            | Green.                                    | Replaced by can f from Dec. 7 to Apr. 14.             |
| 6300                               | - Lighted Buoy 50        | 41-41-33.117N<br>083-28-13.192W | FI R 4s               |               | 4            | Red.                                      | Replaced by nun f from Dec. 7 to Apr. 14.             |
| 6305                               | - Buoy 52                | 41-41-13.874N<br>083-28-39.058W |                       |               |              | Red nun.                                  |   |
| <b>Harrison Marina</b>             |                          |                                 |                       |               |              |   |   |
| 6320                               | - Entrance Buoy 3        | 41-41-08.700N<br>083-28-48.200W |                       |               |              | Green can.                                | Private aid.  |
| 6325                               | - Entrance Buoy 4        | 41-41-11.200N<br>083-28-51.200W |                       |               |              | Green can.                                | Private aid.  |
| 6330                               | - Danger Buoy G          | 41-41-07.800N<br>083-28-51.900W |                       |               |              | White with orange bands and diamond; can. | Private aid.  |
| <b>Maumee River</b>                |                          |                                 |                       |               |              |   |   |
| 6337                               | - Turning Basin Buoy 54  | 41-40-45.571N<br>083-29-11.291W |                       |               |              | Red nun.                                  |   |
| 6340                               | - Turning Basin Buoy 56  | 41-40-09.076N<br>083-29-54.759W |                       |               |              | Red nun.                                  |   |
| 6345                               | - Turning Basin Buoy 58  | 41-40-10.076N<br>083-29-59.759W |                       |               |              | Red nun.                                  |   |
| 6350                               | - Turning Basin Buoy 60  | 41-40-04.253N<br>083-30-06.860W |                       |               |              | Red nun.                                  |   |
| 6355                               | - Lighted Buoy 62        | 41-40-00.076N<br>083-30-08.659W | FI R 4s               |               | 4            | Red.                                      | Replaced by nun f from Dec. 7 to Apr. 14.             |
| 6356.2                             | Glass City Marina Buoy 3 | 41-39-27.000N<br>083-30-52.000W |                       |               |              | Green                                     | Maintained f from Apr. 15 to Oct. 15.<br>Private aid. |
| 6356.3                             | Glass City Marina Buoy 5 | 41-39-26.000N<br>083-30-51.000W |                       |               |              | Green                                     | Maintained f from Apr. 15 to Oct. 15.<br>Private aid. |
| 6357                               | Glass City Marina Buoy A | 41-39-28.000N<br>083-30-50.000W |                       |               |              | Orange/White                              | Maintained f from Apr. 15 to Oct. 15.<br>Private aid. |
| 6357.1                             | Glass City Marina Buoy B | 41-39-27.000N<br>083-30-51.000W |                       |               |              | Orange/White                              | Maintained f from Apr. 15 to Oct. 15.<br>Private aid. |
| 6357.2                             | Glass City Marina Buoy C | 41-39-27.000N<br>083-30-55.000W |                       |               |              | Orange/White                              | Maintained f from Apr. 15 to Oct. 15.<br>Private aid. |
| 6357.3                             | Glass City Marina Buoy D | 41-39-25.000N<br>083-30-58.000W |                       |               |              | Orange/White                              | Maintained f from Apr. 15 to Oct. 15.<br>Private aid. |
| 6357.4                             | Glass City Marina Buoy E | 41-39-26.000N<br>083-30-51.000W |                       |               |              | Orange/White                              | Maintained f from Apr. 15 to Oct. 15.<br>Private aid. |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                            | (8)<br>Remarks                                      |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE ERIE</b>                                      |  |                                 |                       |               |              |   |   |
| <b>TOLEDO HARBOR (Chart 14847)</b>                    |  |                                 |                       |               |              |   |   |
| <b>Maumee River</b>                                   |  |                                 |                       |               |              |   |   |
| 6357.5  | Glass City Marina Buoy F   | 41-39-25.000N<br>083-30-50.000W |                       |               |              | Orange/White                                | Maintained from Apr. 15 to Oct. 15.<br>Private aid. |
| 6357.6  | Glass City Marina Buoy G   | 41-39-24.000N<br>083-30-49.000W |                       |               |              | Orange/White                                | Maintained from Apr. 15 to Oct. 15.<br>Private aid. |
| 6357.7  | Glass City Marina Buoy H   | 41-39-23.000N<br>083-30-49.000W |                       |               |              | Orange/White                                | Maintained from Apr. 15 to Oct. 15.<br>Private aid. |
| 6360  | - Lighted Buoy 63  | 41-39-19.693N<br>083-31-20.265W | FI G 4s               |               | 4            | Green.                                      | Replaced by can from Dec. 7 to Apr. 14.             |
| 6361  | - Buoy 64  | 41-38-48.161N<br>083-31-58.132W |                       |               |              | Red nun.                                    |   |
| 6362  | - Buoy 65  | 41-38-47.277N<br>083-31-54.314W |                       |               |              | Green can.                                  |   |
| 6365  | - Buoy 67  | 41-37-37.000N<br>083-32-03.000W |                       |               |              | Green can.                                  |   |
| <b>Pier 75 Detached Breakwater</b>                    |  |                                 |                       |               |              |   |   |
| <i>Lights maintained from Apr. 1 to Dec. 1.</i>       |  |                                 |                       |               |              |   |   |
| 6370  | - LIGHT A  | 41-37-34.600N<br>083-32-40.900W | Q W                   |               |              | On southeast corner of detached breakwater. | Private aid.  |
| 6375  | - LIGHT B  | 41-37-34.500N<br>083-32-43.000W | Q W                   |               |              | On detached breakwater.                     | Private aid.  |
| 6380  | - LIGHT C  | 41-37-34.400N<br>083-32-44.900W | Q W                   |               |              | On detached breakwater.                     | Private aid.  |
| 6385  | - LIGHT D  | 41-37-33.400N<br>083-32-46.900W | Q W                   |               |              | On southwest corner of detached breakwater. | Private aid.  |
| 6390  | - LIGHT E  | 41-37-35.100N<br>083-32-41.100W | Q W                   |               |              | On northeast corner of detached breakwater. | Private aid.  |
| 6395  | - LIGHT F  | 41-37-35.000N<br>083-32-43.100W | Q W                   |               |              | On detached breakwater.                     | Private aid.  |
| 6400  | - LIGHT G  | 41-37-34.900N<br>083-32-45.000W | Q W                   |               |              | On detached breakwater.                     | Private aid.  |
| 6405  | - LIGHT H  | 41-37-34.500N<br>083-32-47.000W | Q W                   |               |              | On northwest corner of detached breakwater. | Private aid.  |
| <b>WEST END OF LAKE ERIE (Chart 14846)</b>            |  |                                 |                       |               |              |   |   |
| <i>Crib buoys maintained from Apr. 15 to Nov. 15.</i> |  |                                 |                       |               |              |   |   |
| 6410  | WALBRIDGE PARK RANGE FRONT LIGHT                                     | 41-36-51.000N<br>083-34-50.000W | F R                   |               | 10<br>3      | Square day mark on white pile.              | Maintained from May 1 to Nov. 1.<br>Private aid.    |
| 6415  | WALBRIDGE PARK REAR RANGE LIGHT<br>70 feet, 000.5° from front light. | 41-36-51.500N<br>083-34-50.000W | F R                   |               | 20<br>6      | Square day mark on white pile.              | Maintained from May 1 to Nov. 1.<br>Private aid.    |
| 6420  | Corbutt Island Intake Crib Buoy J                                    | 41-37-23.000N<br>083-33-58.500W |                       |               |              | White can with orange bands and diamond.    | Private aid.  |
| 6425  | Corbutt Island Intake Crib Buoy K                                    | 41-37-23.500N<br>083-33-56.000W |                       |               |              | White can with orange bands and diamond.    | Private aid.  |
| 6430  | Corbutt Island Intake Crib Buoy L                                    | 41-37-24.250N<br>083-33-54.500W |                       |               |              | White can with orange bands and diamond.    | Private aid.  |
| 6435  | Brookford Road Water Intake Crib Buoy M                              | 41-36-00.000N<br>083-35-24.000W |                       |               |              | White can with orange bands and diamond.    | Private aid.  |
| 6440  | Brookford Road Water Intake Crib Buoy N                              | 41-36-01.000N<br>083-35-22.500W |                       |               |              | White can with orange bands and diamond.    | Private aid.  |



| (1)<br>No.   | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic                              | (5)<br>Height        | (6)<br>Range | (7)<br>Structure                               | (8)<br>Remarks                                       |
|--|---|---------------------------------|--|----------------------|--------------|--|--|
| <b>LAKE ERIE</b>   |   |                                 |  |                      |              |  |  |
| <b>WEST END OF LAKE ERIE (Chart 14846)</b>                 |   |                                 |  |                      |              |  |  |
| <i>Crib buoys maintained from Apr. 15 to Nov. 15.</i>      |   |                                 |  |                      |              |  |  |
| 6445   | Brookford Road Water Intake<br>Crib Buoy P                            | 41-36-01.500N<br>083-35-23.000W |  |                      |              | White can with<br>orange bands and<br>diamond. | Private aid.   |
| <b>Toledo Beach Marina</b>                                 |   |                                 |  |                      |              |  |  |
| <i>Lights maintained from Apr. 15 to Oct. 15.</i>          |   |                                 |  |                      |              |  |  |
| 6460   | - RANGE FRONT LIGHT   | 41-49-44.160N<br>083-24-45.360W | F R  | 37<br>11             |              | On pile.                                       | Private aid.   |
| 6465   | - RANGE REAR LIGHT<br>860 feet, 290° from front<br>light.             | 41-49-47.100N<br>083-24-56.800W | F R  | 47<br>14             |              | On pile.                                       | Private aid.   |
| 6470   | - SOUTH BREAKWATER<br>LIGHT   | 41-49-40.000N<br>083-24-32.500W | Q G  | 10<br>3              |              | On pile.                                       | Private aid.   |
| 6474   | - NORTH BREAKWATER<br>LIGHT   | 41-49-40.500N<br>083-24-30.000W | Q R  | 10<br>3              |              | On pile.                                       | Private aid.   |
| <b>WEST END OF LAKE ERIE (Chart 14846)</b>                 |   |                                 |  |                      |              |  |  |
| <i>Crib buoys maintained from Apr. 15 to Nov. 15.</i>      |   |                                 |  |                      |              |  |  |
| 6480   | OTTER CREEK RANGE<br>FRONT LIGHT                                      | 41-50-44.600N<br>083-24-02.300W | F G  | 12<br>4              |              | SG on pile.                                    | Maintained from May 1 to Nov.<br>30.<br>Private aid. |
| 6485   | OTTER CREEK RANGE<br>REAR LIGHT<br>75 feet, 284° from front<br>light. | 41-50-44.800N<br>083-24-03.200W | FI G 4s  | 22<br>7              |              | SG on pile.                                    | Maintained from May 1 to Nov.<br>30.<br>Private aid. |
| <b>Bolles Harbor</b>                                       |   |                                 |  |                      |              |  |  |
| <i>Unlighted buoys maintained from Apr. 21 to Nov. 14.</i> |   |                                 |  |                      |              |  |  |
| 6490   | - Lighted Buoy 2  | 41-51-22.164N<br>083-22-17.754W | FI R 4s  |                      | 4            | Red.   | Maintained from Apr. 21 to Nov.<br>14.               |
| 6493   | - Lighted Buoy 1  | 41-51-21.222N<br>083-22-18.984W | FI G 4s  |                      | 4            | Green  | Maintained from Apr. 21 to Nov.<br>14.               |
| 6500   | - Lighted Buoy 3  | 41-51-42.752N<br>083-22-28.391W | FI G 2.5s  |                      | 4            | Green.   | Maintained from Apr. 21 to Nov.<br>14.               |
| 6505   | - Lighted Buoy 4  | 41-51-43.064N<br>083-22-27.254W | FI R 4s  |                      | 4            | Red.   | Maintained from Apr. 21 to Nov.<br>14.               |
| 6515   | - Buoy 5  | 41-52-03.664N<br>083-22-38.154W |  |                      |              | Green can.                                     |  |
| 6525   | - ENTRANCE LIGHT 6  | 41-52-03.960N<br>083-22-36.010W | FI (2)R 5s<br>0.4s fl 0.6s ec.<br>0.4s fl 3.6s ec. | 35<br>11             | 8            | TR on post.                                    |  |
| 6530   | - Buoy 7  | 41-52-10.315N<br>083-22-41.285W |  |                      |              | Green can.                                     |  |
| 6535   | - ENTRANCE LIGHT 9  | 41-52-15.700N<br>083-22-45.580W | FI G 4s  | 25<br>8              | 5            | SG on pile.                                    |  |
| 6540   | - Day beacon 10   | 41-52-16.690N<br>083-22-42.600W |  |                      |              | TR on pile.                                    |  |
| 6545   | - ENTRANCE LIGHT 11   | 41-52-19.530N<br>083-22-45.580W | F G  | 31<br>9              | 8            | SG on post.                                    |  |
| 6550   | - RANGE FRONT LIGHT   | 41-52-26.067N<br>083-22-47.460W | Q W  | 19<br>6              |              | KRW on square<br>skeleton tower.               |  |
| 6555   | - RANGE REAR LIGHT<br>2,355 feet, 341.5° from<br>front light.         | 41-52-48.128N<br>083-22-57.328W | Iso W 6s   | 75<br>23             |              | KRW on square<br>skeleton tower.               |  |
| <b>Monroe Harbor</b>                                       |   |                                 |  |                      |              |  |  |
| 6560   | - RANGE FRONT LIGHT   | 41-53-46.207N<br>083-20-58.643W | Iso W 6s<br>(NIGHT)<br>Iso W 6s<br>(DAY)           | 51<br>16<br>48<br>15 |              | KRW on square<br>skeleton tower.               | Lighted throughout 24 hours.                         |

| (1)<br>No.   | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic          | (5)<br>Height        | (6)<br>Range | (7)<br>Structure            | (8)<br>Remarks   |
|--|--|---------------------------------|--------------------------------|----------------------|--------------|-----------------------------|--|
| <b>LAKE ERIE</b>   |  |                                 |                                |                      |              |                             |  |
| <b>WEST END OF LAKE ERIE (Chart 14846)</b>   |  |                                 |                                |                      |              |                             |  |
| <b>Monroe Harbor</b>   |  |                                 |                                |                      |              |                             |  |
| 6565   | - RANGE REAR LIGHT<br>5,066 feet, 291.7° from<br>front light.                  | 41-54-04.731N<br>083-22-00.864W | F W<br>(NIGHT)<br>F W<br>(DAY) | 89<br>27<br>91<br>28 |              | Tapered skeleton<br>tower.  | Lighted throughout 24 hours.   |
| 6570   | - <i>Lighted Buoy 1</i>  | 41-52-30.922N<br>083-16-51.896W | FI G 2.5s                      |                      | 4            | Green.                      | Replaced by can f from Dec. 14<br>to Apr. 14.<br>AIS MMSI: 993672203 |
| 6575   | - <i>Lighted Buoy 2</i>  | 41-52-33.685N<br>083-16-48.597W | FI R 2.5s                      |                      | 4            | Red.                        | Replaced by nun f from Dec. 14<br>to Apr. 14.<br>AIS MMSI: 993672204 |
| 6580   | - Buoy 3   | 41-52-51.263N<br>083-17-59.348W |                                |                      |              | Green can.                  |  |
| 6585   | - Buoy 4   | 41-52-53.616N<br>083-17-56.046W |                                |                      |              | Red nun.                    |  |
| 6590   | - <i>Lighted Buoy 5</i>  | 41-53-10.895N<br>083-19-05.270W | FI G 4s                        |                      | 4            | Green.                      | Maintained f from Apr 07 to Dec07                                    |
| 6595   | - <i>Lighted Buoy 6</i>  | 41-53-14.006N<br>083-19-05.389W | FI R 4s                        |                      | 4            | Red.                        | Maintained f from Apr 07 to Dec<br>07                                |
| 6600   | - Buoy 7   | 41-53-28.221N<br>083-20-04.303W |                                |                      |              | Green can.                  |  |
| 6605   | - Buoy 8   | 41-53-31.298N<br>083-20-02.684W |                                |                      |              | Red nun.                    |  |
| 6610   | - Buoy 9   | 41-54-01.764N<br>083-21-24.408W |                                |                      |              | Green can.                  |  |
| <b>Sterling State Park</b>   |  |                                 |                                |                      |              |                             |  |
| <i>Buoys maintained from May 1 to Sep. 30. Buoys mark remnants of an old dock.</i> |  |                                 |                                |                      |              |                             |  |
| 6615   | - Hazard Buoy A  | 41-54-11.100N<br>083-19-59.000W |                                |                      |              | White with orange<br>bands. | Priv ate aid.  |
| 6620   | - Hazard Buoy B  | 41-54-11.500N<br>083-19-53.000W |                                |                      |              | White with orange<br>bands. | Priv ate aid.  |
| 6625   | - Hazard Buoy C  | 41-54-14.000N<br>083-19-52.800W |                                |                      |              | White with orange<br>bands. | Priv ate aid.  |
| 6630   | - Hazard Buoy D  | 41-54-14.600N<br>083-19-58.100W |                                |                      |              | White with orange<br>bands. | Priv ate aid.  |
| <b>Stony Creek Channel</b>   |  |                                 |                                |                      |              |                             |  |
| <i>Aids maintained from May 15 to Nov. 1.</i>                                      |  |                                 |                                |                      |              |                             |  |
| 6635   | STONE CREEK CHANNEL<br>RANGE FRONT LIGHT                                       | 41-56-36.600N<br>083-18-12.000W | F R                            |                      |              | On white post.              | Priv ate aid.  |
| 6640   | STONE CREEK CHANNEL<br>RANGE REAR LIGHT<br>125 feet, 319° from front<br>light. | 41-56-35.900N<br>083-18-11.000W | F R                            |                      |              | On red post.                | Priv ate aid.  |
| 6645   | - Buoy 1   | 41-56-12.000N<br>083-17-30.000W |                                |                      |              | Green can.                  | Priv ate aid.  |
| 6650   | - Buoy 2   | 41-56-24.000N<br>083-17-56.000W |                                |                      |              | Red nun.                    | Priv ate aid.  |
| 6655   | - Buoy 3   | 41-56-26.000N<br>083-18-01.000W |                                |                      |              | Green can.                  | Priv ate aid.  |
| 6660   | - Buoy 4   | 41-56-28.000N<br>083-18-00.000W |                                |                      |              | Red nun.                    | Priv ate aid.  |
| 6665   | - Buoy 5   | 41-56-39.000N<br>083-18-04.000W |                                |                      |              | Green can.                  | Priv ate aid.  |
| 6670   | - Buoy 6   | 41-56-30.000N<br>083-18-03.000W |                                |                      |              | Red nun.                    | Priv ate aid.  |
| 6675   | - Buoy 7   | 41-56-32.800N<br>083-18-08.000W |                                |                      |              | Green can.                  | Priv ate aid.  |
| 6680   | - Buoy 8   | 41-56-33.000N<br>083-18-07.000W |                                |                      |              | Red nun.                    | Priv ate aid.  |

| (1)<br>No.                                     | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure            | (8)<br>Remarks                                    |
|--|--|---------------------------------|-----------------------|---------------|--------------|-----------------------------|---|
| <b>LAKE ERIE</b>                               |  |                                 |                       |               |              |                             |   |
| <b>WEST END OF LAKE ERIE (Chart 14846)</b>     |  |                                 |                       |               |              |                             |   |
| <b>Sandy Creek</b>                             |  |                                 |                       |               |              |                             |   |
| <i>Buoys maintained from May 1 to Sep. 15.</i> |  |                                 |                       |               |              |                             |   |
| 6681   | - Buoy 1   | 41-55-24.890N<br>083-19-38.630W |                       |               |              |                             | Private aid.                                      |
| 6681.5   | - Buoy 2   | 41-55-25.900N<br>083-19-37.600W |                       |               |              |                             | Private aid.                                      |
| 6682   | - Buoy 3   | 41-55-27.730N<br>083-19-43.690W |                       |               |              |                             | Private aid.                                      |
| 6682.5   | - Buoy 4   | 41-55-28.740N<br>083-19-42.620W |                       |               |              |                             | Private aid.                                      |
| 6683   | - Buoy 5   | 41-55-29.730N<br>083-19-47.360W |                       |               |              |                             | Private aid.                                      |
| 6683.5   | - Buoy 6   | 41-55-30.630N<br>083-19-46.530W |                       |               |              |                             | Private aid.                                      |
| 6684   | - Buoy 7   | 41-55-31.350N<br>083-19-51.150W |                       |               |              |                             | Private aid.                                      |
| 6684.5   | - Buoy 8   | 41-55-31.130N<br>083-19-50.160W |                       |               |              |                             | Private aid.                                      |
| 6685   | - Buoy 9   | 41-55-32.120N<br>083-19-53.850W |                       |               |              | Green.                      | Private aid.                                      |
| 6690   | - Buoy 10  | 41-55-32.740N<br>083-19-55.420W |                       |               |              | Red.                        | Private aid.                                      |
| 6691   | - Buoy 11  | 41-55-29.020N<br>083-19-55.430W |                       |               |              |                             | Private aid.                                      |
| 6692   | - Buoy 12  | 41-55-29.530N<br>083-19-59.350W |                       |               |              |                             | Private aid.                                      |
| 6695   | - Buoy 13  | 41-55-24.320N<br>083-19-58.390W |                       |               |              | Green can.                  | Private aid.                                      |
| 6700   | - Buoy 14  | 41-55-24.810N<br>083-19-59.350W |                       |               |              | Red nun.                    | Private aid.                                      |
| 6705   | - Buoy 15  | 41-55-21.290N<br>083-20-00.700W |                       |               |              | Green can.                  | Private aid.                                      |
| 6710   | - Buoy 16  | 41-55-22.110N<br>083-20-01.690W |                       |               |              | Red nun.                    | Private aid.                                      |
| 6715   | ENRICO FERMI POWER<br>PLANT INTAKE LIGHTS                        | 41-57-42.000N<br>083-15-00.000W | F W                   | 26<br>8       |              | On white pile.              | Maintained from Mar. 1 to Dec. 1.<br>Private aid. |
| 6716   | <i>Enrico Fermi Nuclear Power<br/>Plant Security Zone Buoy A</i> | 41-58-26.220N<br>083-15-19.980W | Q Y                   |               |              | White with orange<br>bands. | Private aid.                                      |
| 6716.1   | <i>Enrico Fermi Nuclear Power<br/>Plant Security Zone Buoy B</i> | 41-58-30.600N<br>083-15-00.000W | Q Y                   |               |              | White with orange<br>bands. | Private aid.                                      |
| 6716.2   | <i>Enrico Fermi Nuclear Power<br/>Plant Security Zone Buoy C</i> | 41-58-27.960N<br>083-14-49.020W | Q Y                   |               |              | White with orange<br>bands. | Private aid.                                      |
| 6716.3   | <i>Enrico Fermi Nuclear Power<br/>Plant Security Zone Buoy D</i> | 41-58-20.100N<br>083-14-15.000W | Q Y                   |               |              | White with orange<br>bands. | Private aid.                                      |
| 6716.4   | <i>Enrico Fermi Nuclear Power<br/>Plant Security Zone Buoy E</i> | 41-58-12.000N<br>083-13-42.000W | Q Y                   |               |              | White with orange<br>bands. | Private aid.                                      |
| 6716.5   | <i>Enrico Fermi Nuclear Power<br/>Plant Security Zone Buoy F</i> | 41-57-45.960N<br>083-13-44.220W | Q Y                   |               |              | White with orange<br>bands. | Private aid.                                      |
| 6716.6   | <i>Enrico Fermi Nuclear Power<br/>Plant Security Zone Buoy G</i> | 41-57-19.920N<br>083-13-46.020W | Q Y                   |               |              | White with orange<br>bands. | Private aid.                                      |
| 6716.7   | <i>Enrico Fermi Nuclear Power<br/>Plant Security Zone Buoy H</i> | 41-56-54.000N<br>083-13-48.000W | Q Y                   |               |              | White with orange<br>bands. | Private aid.                                      |
| 6716.8   | <i>Enrico Fermi Nuclear Power<br/>Plant Security Zone Buoy I</i> | 41-56-54.000N<br>083-14-22.920W | Q Y                   |               |              | White with orange<br>bands. | Private aid.                                      |
| 6716.9   | <i>Enrico Fermi Nuclear Power<br/>Plant Security Zone Buoy J</i> | 41-56-54.000N<br>083-14-57.900W | Q Y                   |               |              | White with orange<br>bands. | Private aid.                                      |
| 6717   | <i>Enrico Fermi Nuclear Power<br/>Plant Security Zone Buoy K</i> | 41-56-54.060N<br>083-15-10.560W | Q Y                   |               |              | White with orange<br>bands. | Private aid.                                      |
| 6717.1   | <i>Enrico Fermi Nuclear Power<br/>Plant Security Zone Buoy L</i> | 41-56-54.000N<br>083-15-12.000W | Q Y                   |               |              |                             | Private aid.                                      |
| <b>Swan Creek Entrance</b>                     |  |                                 |                       |               |              |                             |   |
| 6720   | - Lighted Buoy 1   | 41-58-27.960N<br>083-14-35.940W | FI G 2.5s             | 7<br>2        |              | Green.                      | Private aid.                                      |
| 6725   | - Lighted Buoy 2   | 41-58-30.300N<br>083-14-34.140W | FI R 2.5s             | 7<br>2        |              | Red.                        | Private aid.                                      |

| (1)<br>No.                                 | (2)<br>Name and Location                                 | (3)<br>Position                 | (4)<br>Characteristic        | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|--|--|---------------------------------|------------------------------|---------------|--------------|---|--|
| <b>LAKE ERIE</b>                           |  |                                 |                              |               |              |   |  |
| <b>WEST END OF LAKE ERIE (Chart 14846)</b> |  |                                 |                              |               |              |   |  |
| <b>Sandy Creek</b>                         |  |                                 |                              |               |              |   |  |
| <b>Swan Creek Entrance</b>                 |  |                                 |                              |               |              |   |  |
| 6730                                       | - Buoy 3   | 41-58-30.960N<br>083-14-40.140W |                              |               |              | Green can.  | Private aid.   |
| 6735                                       | - Buoy 4   | 41-58-32.340N<br>083-14-40.140W |                              |               |              | Red nun.  | Private aid.   |
| 6736                                       | - Lighted Buoy 5   | 41-58-33.720N<br>083-14-45.960W | FI G 2.5s                    | 5<br>2        |              | Green.  | Private aid.   |
| 6737                                       | - RANGE FRONT LIGHT 6                                    | 41-58-34.400N<br>083-14-45.000W | F R                          | 10<br>3       |              | TR on post.   | Private aid.   |
| 6738                                       | - RANGE REAR LIGHT<br>80 feet, 315° from front<br>light. | 41-58-35.040N<br>083-14-45.780W | F R                          | 30<br>9       |              | Three-masted<br>tower.  | Private aid.   |
| 6740                                       | - Lighted Buoy 7   | 41-58-36.840N<br>083-14-51.060W | FI G 2.5s                    | 7<br>2        |              | Green.  | Private aid.   |
| 6741                                       | - Day beacon 8   | 41-58-37.200N<br>083-14-56.340W |                              |               |              | TR on post.   | Private aid.   |
| 6742                                       | - Day beacon 10  | 41-58-36.200N<br>083-14-58.800W |                              |               |              | TR on post.   | Private aid.   |
| 6743                                       | - Day beacon 12  | 41-58-36.000N<br>083-15-04.500W |                              |               |              | TR on post.   | Private aid.   |
| <b>LAKE ERIE (Chart 14820)</b>             |  |                                 |                              |               |              |   |  |
| <b>Port Colborne</b>                       |  |                                 |                              |               |              |   |  |
| 6755                                       | OUTER LIGHT (C)  |                                 | F R                          | 36<br>11      |              | White square tower<br>with red upper<br>portion.                            | Seasonal. Tower floodlighted.<br>Light intensified over an arc of<br>030° SSW.<br>Emergency light. |
| 6760                                       | WEST BREAKWATER LIGHT<br>(C)                             | 42-52-12.000N<br>079-16-06.000W | FI W 4s                      | 24<br>7       |              | White circular<br>tower.  | Seasonal.  |
| 6765                                       | Inner Light (C)  | 42-52-06.000N<br>079-15-12.000W | FI W 10s<br>0.3s fl 9.7s ec. | 50<br>15      | 17           | White square<br>tower, red upper<br>portion.                                | Seasonal.  |
| 6775                                       | Lighted Buoy E3 (C)                                      |                                 | FI G 4s                      |               |              | Green.  |  |
| 6780                                       | EAST BREAKWATER LIGHT<br>(C)                             |                                 | FI G 4s                      | 35<br>11      |              | White circular<br>concrete tower with<br>green top.                         | Seasonal.  |
| 6783                                       | ODAS Lighted Buoy 45142                                  | 42-44-12.000N<br>079-17-24.000W |                              |               |              | Yellow disc shaped<br>hull.   | Seasonal.  |
| 6785                                       | Long Point Light (C)                                     | 42-32-54.000N<br>080-03-00.000W | FI (5) Y 20s<br>FI W8s       | 97<br>30      | 25           | White octagonal<br>tower with red<br>upper portion.                         | RACON: M ( - - )<br>Seasonal. Emergency light.   |
| <b>WEST END OF LAKE ERIE (Chart 14830)</b> |  |                                 |                              |               |              |   |  |
| <b>Pelee Passage</b>                       |  |                                 |                              |               |              |   |  |
| 6795                                       | Southeast Shoal Light (C)                                | 41-49-36.000N<br>082-27-48.000W | FI R 10s                     | 70<br>21      | 21           | White square<br>structure with red<br>stripes on<br>pyramidal base.         | RACON: K ( - - )<br>Winter light FI W 4s. Seasonal.<br>Emergency light.                            |
| 6805                                       | East Lighted Buoy E6 (C)                                 |                                 | FI R 4s                      |               |              | Red.  | Spar; winter marker. Seasonal.   |
| 6810                                       | Southeast Shoal Lighted Buoy<br>X (C)                    | 41-48-42.000N<br>082-27-48.000W | Mo (A) W                     |               |              | Red and white<br>stripes.   | Seasonal.  |
| 6815                                       | Pelee Point Lighted Bell Buoy<br>EP2 (C)                 | 41-52-12.000N<br>082-30-30.000W | FI R 4s                      |               |              | Red.  | Seasonal.  |
| 6820                                       | Grubb Reef Lighted Buoy E8<br>(C)                        | 41-51-54.000N<br>082-33-36.000W | FI R 4s                      |               |              | Red.  | Seasonal.  |
| 6825                                       | Traffic Lighted Buoy P (C)                               | 41-51-48.000N<br>082-34-30.000W | Mo (A) W                     |               |              | Red and white<br>stripes.   | Seasonal.  |
| 6830                                       | Middle Ground Lighted Buoy<br>E9 (C)                     | 41-51-24.000N<br>082-34-48.000W | FI G 4s                      |               |              | Green.  | Seasonal.  |
| 6835                                       | Light (C)  | 41-51-12.000N<br>083-34-54.000W | FI W 4s                      | 91<br>28      | 10           | White circular<br>tower with green<br>upper and lower<br>portions; on pier. | RACON: M ( - - )<br>Winter light FI W 4s. Seasonal.  |

| (1)<br>No.                                      | (2)<br>Name and Location                               | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE ERIE</b>                                |  |                                 |                       |               |              |  |   |
| <b>WEST END OF LAKE ERIE (Chart 14830)</b>      |  |                                 |                       |               |              |  |   |
| <b>Pelee Passage</b>                            |  |                                 |                       |               |              |  |   |
| 6840  | <i>Turning Lighted Buoy E10 (C)</i>                    | 41-53-12.000N<br>082-38-42.000W | FI R 4s               |               |              | Red.   | Seasonal.   |
| 6845  | SCUDDER BREAKWATER LIGHT (C)                           | 41-49-00.000N<br>082-39-30.000W | FI R 4s               | 24<br>7       |              | White circular tower with red top.                             | Seasonal.   |
| 6850  | SCUDDER WHARF LIGHT (C)                                | 41-48-54.000N<br>082-39-36.000W | F R                   | 30<br>9       | 8            | On elevator.   | Seasonal.   |
| 6855  | SCUDDER WHARF INNER LIGHT (C)                          |                                 | FI R 4s               | 19<br>6       | 7            | White circular tower with red upper portion.                   | Seasonal.   |
| 6865  | <i>North Harbor Island Reef Lighted Buoy E13 (C)</i>   | 41-51-00.000N<br>082-51-12.000W | FI G 4s               |               |              | Green.   | Seasonal.   |
| 6870  | COLCHESTER REEF LIGHT (C)<br>Marks south side of reef. | 41-56-00.000N<br>082-53-30.000W | FI R 4s               | 72<br>22      | 6            | Red skeleton tower with red rectangular day mark on two sides. | Seasonal.   |
| 6875  | MIDDLE SISTER ISLAND LIGHT (C)                         | 41-51-00.000N<br>082-59-54.000W | FI G 4s               | 65<br>20      | 6            | White square skeleton tower.                                   | May be obscured by trees from south-southwest approaches.<br>Seasonal.  |
| <b>DETROIT RIVER</b>                            |  |                                 |                       |               |              |  |   |
| <b>WEST END OF LAKE ERIE (Chart 14830)</b>      |  |                                 |                       |               |              |  |   |
| <b>Detroit River Entrance</b>                   |  |                                 |                       |               |              |  |   |
| <b>East Outer Channel</b>                       |  |                                 |                       |               |              |  |   |
| <i>Buoys maintained from Apr. 1 to Dec. 21.</i> |  |                                 |                       |               |              |  |   |
| 6885  | <b>Detroit River Light</b>                             | 42-00-02.948N<br>083-08-28.483W | FI (2)W 6s            | 55<br>17      | 12           | White conical tower with black top on hexagonal top.           | RACON: X ( - - - )<br>HORN: 1 blast ev 30s (3s bl).<br>Operates continuously.                                   |
| 6895  | - <b>Light 1E</b>                                      | 41-54-49.716N<br>083-06-25.044W | FI G 5s               | 44<br>13      | 10           | Tower on platform with green band.                             | RACON: O ( - - - )<br>RACON: O ( - - - ) HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si). Operates Year Round. |
| 6900  | - <i>Lighted Buoy 2</i>                                | 41-55-16.800N<br>083-06-18.660W | Q R                   |               | 5            | Red.   | Replaced by nun f from Dec. 21 to Apr. 01.  |
| 6905  | - <i>Lighted Buoy 3</i>                                | 41-55-13.550N<br>083-06-32.640W | FI G 4s               |               | 4            | Green.   | Maintained from Apr. 1 to Dec. 21.  |
| 6910  | - <i>Lighted Buoy 5</i>                                | 41-56-04.427N<br>083-06-53.426W | FI G 2.5s             |               | 4            | Green.   | Replaced by can f from Dec. 21 to Apr. 01.  |
| 6915  | - <i>Lighted Buoy 6</i>                                | 41-56-07.780N<br>083-06-38.250W | FI R 2.5s             |               | 4            | Red.   | Replaced by nun f from Dec.21 to Apr. 01.   |
| <b>DETROIT RIVER (Chart 14848)</b>              |  |                                 |                       |               |              |  |   |
| <b>East Outer Channel</b>                       |  |                                 |                       |               |              |  |   |
| <i>Buoys maintained from Apr. 1 to Dec. 21.</i> |  |                                 |                       |               |              |  |   |
| 6920  | - <i>Lighted Buoy 7</i>                                | 41-56-55.693N<br>083-07-13.032W | FI G 4s               |               | 4            | Green.   |   |
| 6925  | - <i>Lighted Buoy 8</i>                                | 41-56-58.210N<br>083-06-57.910W | FI R 4s               |               | 4            | Red.   |   |
| 6930  | - <i>Lighted Buoy 9</i>                                | 41-57-45.050N<br>083-07-31.990W | FI G 2.5s             |               | 4            | Green.   | Replaced by can f from Dec. 21 to Apr. 1.   |
| 6935  | - <b>LIGHT 10</b>                                      | 41-57-48.000N<br>083-07-17.000W | FI R 2.5s             | 44<br>13      | 7            | Cylindrical tower with red band on platform.                   |   |
| 6940  | - <i>Lighted Buoy 11</i>                               | 41-58-35.760N<br>083-07-52.040W | FI G 4s               |               | 4            | Green.   |   |
| 6945  | - <i>Lighted Buoy 12</i>                               | 41-58-38.980N<br>083-07-37.410W | FI R 4s               |               | 4            | Red.   |   |

| (1)<br>No.                                      | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks   |
|---|--|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>DETROIT RIVER</b>                            |  |                                 |                       |               |              |  |  |
| <b>DETROIT RIVER (Chart 14848)</b>              |  |                                 |                       |               |              |  |  |
| <b>East Outer Channel</b>                       |  |                                 |                       |               |              |  |  |
| <i>Buoys maintained from Apr. 1 to Dec. 21.</i> |  |                                 |                       |               |              |  |  |
| 6950  | - Lighted Buoy 13  | 41-59-24.900N<br>083-08-10.410W | FI G 2.5s             |               | 4            | Green.   | Replaced by can f from Dec. 21 to Apr. 1.                        |
| 6955  | - Lighted Buoy 14  | 41-59-27.416N<br>083-07-56.689W | FI R 2.5s             |               | 4            | Red.   | Replaced by nun f from Dec. 21 to Apr. 1.                        |
| 6960  | - Lighted Buoy 16  | 42-00-17.260N<br>083-08-14.030W | Q R                   |               | 5            | Red.   | Replaced by nun f from Dec. 21 to Apr. 1.<br>AIS MMSI: 993672205 |
| <b>Amherstburg Channel</b>                      |  |                                 |                       |               |              |  |  |
| 6965  | - Lighted Buoy 23  | 42-00-44.711N<br>083-08-29.827W | FI G 4s               |               | 4            | Green.   | Replaced by can f from Dec. 21 to Apr. 1.<br>AIS MMSI: 993672206 |
| 6970  | Lighted Buoy D24 (C)   |                                 | FI R 4s               |               |              | Red.   | Seasonal.  |
| 6975  | - Buoy 25  | 42-01-03.310N<br>083-08-25.677W |                       |               |              | Green can.   |  |
| 6980  | DETROIT RIVER PIER LIGHT 30D (C)   | 42-01-36.000N<br>083-08-06.000W | Q R                   |               | 33<br>10     | White circular with red top.   |  |
| 6985  | Lighted Buoy D31 (C)   |                                 | FI G 4s               |               |              | Green.   | Seasonal.  |
| 6990  | Lighted Buoy D32 (C)   |                                 | FI R 4s               |               |              | Red.   | Seasonal.  |
| 6995  | <b>Bar Point Pier Light D33 (C)</b>                                      | 42-02-24.100N<br>083-08-03.600W | FI G 10s              |               | 46<br>14     | White square tower.  | Light obscured f from 090° to 191°.                              |
| 7000  | BAR POINT RANGE FRONT LIGHT D49 (C)                                      | 42-04-12.000N<br>083-07-24.000W | F Y                   |               | 27<br>8      | Fluorescent orange triangular day mark on white circular tower with green upper portion and black vertical stripe. | Visible on range line only .                                     |
| 7005  | BAR POINT RANGE REAR LIGHT (C)<br>2,500 feet, 013.5° from front light.   |                                 | F Y                   |               | 58<br>18     | Fluorescent orange triangular day mark on white circular tower with green upper portion and black vertical stripe. | Visible on range line only .                                     |
| 7010  | Lighted Buoy D35 (C)   |                                 | Q G                   |               |              | Green.   | Seasonal.  |
| 7015  | Lighted Buoy D36 (C)   |                                 | Q R                   |               |              | Red.   | Seasonal.  |
| 7020  | HACKETT REACH RANGE FRONT LIGHT (C)                                      | 42-05-48.000N<br>083-06-48.000W | F R                   |               | 45<br>14     | Orange triangular day mark with black stripes on pile.   | Visible on range line only .                                     |
| 7025  | HACKETT REACH RANGE REAR LIGHT (C)<br>994 feet, 014.9° from front light. |                                 | F R                   |               | 80<br>24     | Orange triangular day mark with black stripes on white skeleton tower.   | Visible on range line only .                                     |
| 7030  | Lighted Buoy D37 (C)   | 42-03-06.000N<br>083-07-48.000W | FI G 4s               |               |              | Green.   | Seasonal.  |
| 7035  | Lighted Buoy D38 (C)   |                                 | FI R 4s               |               |              | Red.   | Seasonal.  |
| 7040  | Lighted Buoy D43 (C)   |                                 | FI G 4s               |               |              | Green.   | Seasonal.  |
| 7045  | Lighted Buoy D44 (C)   |                                 | FI R 4s               |               |              | Red.   | Seasonal.  |
| 7050  | Lighted Buoy D45 (C)   | 42-03-48.000N<br>083-07-30.000W | FI G 4s               |               |              | Green.   | Seasonal.  |

| (1)<br>No.                             | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|--|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>DETROIT RIVER</b>                   |  |                                 |                       |               |              |   |   |
| <b>DETROIT RIVER (Chart 14848)</b>     |  |                                 |                       |               |              |   |   |
| <b>Amherstburg Channel</b>             |  |                                 |                       |               |              |   |   |
| 7055                                   | <i>Lighted Buoy D46 (C)</i>  | 42-03-48.000N<br>083-07-30.000W | FI R 4s               |               |              | Red.  | Seasonal.   |
| 7060                                   | <i>Lighted Buoy D50 (C)</i>  |                                 | FI R 4s               |               |              | Red.  | Seasonal.   |
| 7070                                   | <i>Lighted Buoy D52 (C)</i>  |                                 | FI R 4s               |               |              | Red.  | Seasonal.   |
| 7075                                   | LIGHT D53 (C)  | 42-05-12.000N<br>083-07-06.000W | FI G 4s               | 31<br>9       |              | White circular tower with green top.  |   |
| 7080                                   | <i>Lighted Buoy D56 (C)</i>  |                                 | Q R                   |               |              | Red.  | Seasonal.   |
| 7085                                   | <i>Lighted Buoy D57 (C)</i>  |                                 | Q G                   |               |              | Green.  | Seasonal.   |
| 7090                                   | AMHERSTBURG RANGE<br>FRONT LIGHT D65 (C)   | 42-06-48.000N<br>083-07-06.000W | F Y                   | 27<br>8       |              | Orange triangular day mark with black stripe on white circular tower with green top.    |   |
| 7095                                   | AMHERSTBURG RANGE<br>REAR LIGHT (C)<br>1,138 feet, 355.8° from<br>front light.       |                                 | F Y                   | 40<br>12      |              | Orange triangular day mark with black stripe on white circular tower with green top.    | Visible on range line only .  |
| 7100                                   | <i>Lighted Buoy D59 (C)</i>  |                                 | FI G 4s               |               |              | Green.  | Seasonal.   |
| 7105                                   | <i>Lighted Buoy D60 (C)</i>  |                                 | FI R 4s               |               |              | Red.  | Seasonal.   |
| 7110                                   | LIGHT D61 (C)  | 42-06-00.000N<br>083-07-06.000W | FI G 4s               | 41<br>13      |              | White circular tower with green top.  | Visible on range line only .  |
| 7115                                   | <i>Lighted Buoy D63 (C)</i>  |                                 | Q G                   |               |              | Green.  | Seasonal.   |
| <b>Limekiln Crossing Reach Channel</b> |  |                                 |                       |               |              |   |   |
| 7120                                   | <i>Lighted Buoy D64 (C)</i>  |                                 | Q R                   |               |              | Red.  | Seasonal.   |
| 7125                                   | LIMEKILN CROSSING<br>RANGE FRONT LIGHT (C)   | 42-07-42.000N<br>083-06-54.000W | F R                   | 24<br>7       |              | Orange triangular day mark with black stripe on skeleton tower.                         | Visible on range line only . Range leads to Fort Malden Range Line. |
| 7130                                   | LIMEKILN CROSSING<br>RANGE REAR LIGHT (C)<br>1,185 feet, 002.9° from<br>front light. |                                 | F R                   | 40<br>12      |              | Orange inverted triangular day mark with black stripe on white circular mast.           | Visible on range line only .  |
| 7135                                   | <i>Lighted Buoy D67 (C)</i>  |                                 | FI G 4s               |               |              | Green.  | Seasonal.   |
| 7140                                   | <i>Lighted Buoy D68 (C)</i>  |                                 | FI R 4s               |               |              | Red.  | Seasonal.   |
| 7145                                   | LIGHT D69 (C)  | 42-07-18.000N<br>083-07-00.000W | Q G                   | 27<br>8       |              | White circular tower with green top.  |   |
| <b>Ballards Reef Channel</b>           |  |                                 |                       |               |              |   |   |
| 7150                                   | <i>Lighted Buoy D72 (C)</i>  |                                 | Q R                   |               |              | Red.  | Seasonal.   |
| 7155                                   | FORT MALDEN RANGE<br>FRONT LIGHT (C)<br>Marks Ballards Reef<br>Channel.              | 42-06-54.000N<br>083-06-42.000W | F R                   | 45<br>14      |              | Orange triangular day mark with black vertical stripe on white circular tower.          | Visible on range line only .  |
| 7160                                   | FORT MALDEN RANGE<br>REAR LIGHT (C)<br>383 feet, 162.5° from front<br>light.         |                                 | F R                   | 76<br>23      |              | Orange inverted triangular day mark with black vertical stripe on white skeleton tower. | Visible on range line only .  |

| (1)<br>No.                         | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic    | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                      | (8)<br>Remarks  |
|------------------------------------|---|---------------------------------|--------------------------|---------------|--------------|---|---|
| <b>DETROIT RIVER</b>               |   |                                 |                          |               |              |   |   |
| <b>DETROIT RIVER (Chart 14848)</b> |   |                                 |                          |               |              |   |   |
| <b>Ballards Reef Channel</b>       |   |                                 |                          |               |              |   |   |
| 7165                               | GROSSE ILE SOUTH CHANNEL RANGE FRONT LIGHT  | 42-11-07.082N<br>083-08-31.011W | F G                      | 30<br>9       |              | KRW on square skeleton tower.                         | Lighted throughout 24 hours.  |
| 7170                               | GROSSE ILE SOUTH CHANNEL RANGE REAR LIGHT<br>1,491 feet, 342.6° from front light. | 42-11-21.132N<br>083-08-36.947W | F G                      | 55<br>17      |              | KRW on square skeleton tower.                         | Lighted throughout 24 hours.  |
| 7175                               | LIGHT D71 (C)   | 42-07-24.000N<br>083-07-06.000W | FI G 4s                  | 33<br>10      |              | White circular tower with green top.                  |   |
| 7185                               | <i>Lighted Buoy D74 (C)</i>   |                                 | FI R 4s                  |               |              | Red.  | Seasonal.   |
| 7190                               | <i>Lighted Buoy D76 (C)</i>   |                                 | FI R 4s                  |               |              | Red.  | Seasonal.   |
| 7195                               | <b>Livingstone Channel Upper Entrance Light (C)</b>                               | 42-08-12.000N<br>083-07-18.000W | AI WR 10s                | 40<br>12      | 15           | White circular tower mounted on white square crib.    | Emergency light FI (2) W 15s. HORN: (two-tone) 1 blast ev 15s (4s bl). Operates year round. |
| 7200                               | <b>Light D77 (C)</b>  | 42-08-30.000N<br>083-07-30.000W | FI G 5s                  | 37<br>11      | 10           | Green stripes on the corners of a white square tower. |   |
| 7205                               | <i>Lighted Buoy D78 (C)</i>   |                                 | FI R 4s                  |               |              | Red.  | Seasonal.   |
| 7210                               | - <i>Lighted Buoy 81</i>  | 42-09-07.798N<br>083-07-45.293W | FI G 4s                  |               | 4            | Green.  | Replaced by can f from Dec. 21 to Apr. 1.   |
| 7220                               | <i>Lighted Buoy DFB (C)</i>   | 42-09-12.000N<br>083-07-36.000W |                          |               |              | Red with green band.                                  | Seasonal.   |
| 7225                               | - <i>Lighted Buoy 85</i>  | 42-09-49.267N<br>083-08-02.294W | FI G 4s                  |               | 4            | Green.  | Replaced by can f from Dec. 21 to Apr. 1.   |
| 7230                               | - <i>Lighted Buoy 86</i>  | 42-10-10.747N<br>083-08-02.924W | FI R 4s                  |               | 4            | Red.  | Replaced by nun f from Dec. 21 to Apr. 1.   |
| 7231                               | GROSSE ILE LIGHT  | 42-10-03.000N<br>083-08-22.000W | Iso W 2s                 | 45<br>14      |              |   | Private aid.  |
| 7235                               | - <i>Lighted Buoy 87</i>  | 42-10-17.867N<br>083-08-14.414W | FI G 4s                  |               | 4            | Green.  | Replaced by can f from Dec. 21 to Apr. 1.   |
| <b>Livingstone Channel</b>         |   |                                 |                          |               |              |   |   |
| 7240                               | - LIGHT 25  | 42-07-45.370N<br>083-07-31.220W | FI G 2.5s                | 34<br>10      | 3            | White cylindrical tower with green band.              |   |
| 7245                               | - LIGHT 26  | 42-07-44.950N<br>083-07-24.680W | FI R 2.5s                | 34<br>10      | 4            | White cylindrical tower with red band.                |   |
| 7250                               | - LIGHT 23  | 42-07-17.700N<br>083-07-34.740W | Iso G 6s                 | 34<br>10      | 3            | White cylindrical tower with green band.              |   |
| 7255                               | - LIGHT 24  | 42-07-17.228N<br>083-07-28.320W | Iso R 6s                 | 34<br>10      | 4            | White cylindrical tower with red band.                |   |
| 7260                               | - LIGHT 21  | 42-06-49.959N<br>083-07-38.518W | FI G 2.5s                | 34<br>10      | 3            | White cylindrical tower with green band.              |   |
| 7265                               | LIGHT DL22 (C)  |                                 | FI R 4s                  | 38<br>12      | 6            | White circular tower with red top.                    |   |
| 7270                               | LIGHT DL20 (C)  |                                 | Iso R 2s<br>1s fl 1s ec. | 34<br>10      | 6            | White circular tower with red top.                    |   |
| 7275                               | - LIGHT 19  | 42-06-21.214N<br>083-07-42.934W | Iso G 6s                 | 34<br>10      | 3            | White cylindrical tower with green band.              |   |



| (1)<br>No.                                     | (2)<br>Name and Location                              | (3)<br>Position                 | (4)<br>Characteristic    | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks                                   |
|--|---|---------------------------------|--------------------------|---------------|--------------|---|--|
| <b>DETROIT RIVER</b>                           |   |                                 |                          |               |              |   |  |
| <b>DETROIT RIVER (Chart 14848)</b>             |   |                                 |                          |               |              |   |  |
| <b>Livingstone Channel</b>                     |   |                                 |                          |               |              |   |  |
| 7280   | LIGHT DL17 (C)  |                                 | FI G 4s                  | 34<br>10      |              | White circular tower with green top.                              | Obscured from 010° to 175°.                      |
| 7285   | LIGHT DL18 (C)  |                                 | FI R 4s                  | 34<br>10      | 6            | White circular tower with red top.                                |  |
| 7290   | LIGHT DL15 (C)  |                                 | Iso G 2s<br>1s fl 1s ec. | 34<br>10      |              | White circular tower with green top.                              |  |
| 7295   | LIGHT DL16 (C)  |                                 | Iso R 2s<br>1s fl 1s ec. | 34<br>10      | 6            | White circular tower with red top.                                |  |
| 7300   | LIGHT DL13 (C)  |                                 | FI G 4s                  | 34<br>10      |              | White circular tower with green top.                              |  |
| 7305   | LIGHT DL14 (C)  |                                 | FI R 4s                  | 34<br>10      |              | White circular tower with red top.                                |  |
| 7310   | <i>Lighted Buoy D16 (C)</i>                           |                                 | FI R 4s                  |               |              | Red.  | Seasonal.  |
| 7315   | <i>Lighted Buoy D15 (C)</i>                           |                                 | FI G 4s                  |               |              | Green.  | Seasonal.  |
| 7320   | <i>Lighted Buoy D11 (C)</i>                           | 42-02-30.000N<br>083-08-12.000W | FI G 4s                  |               |              | Green.  | Seasonal.  |
| <b>Detroit River Entrance</b>                  |   |                                 |                          |               |              |   |  |
| <b>West Outer Channel</b>                      |   |                                 |                          |               |              |   |  |
| 7325   | - Buoy 9  | 42-00-04.044N<br>083-08-41.355W |                          |               |              | Green can.  |  |
| 7330   | - Buoy 8  | 41-59-13.589N<br>083-08-44.258W |                          |               |              | Red nun.  |  |
| 7335   | - Buoy 7  | 41-59-14.991N<br>083-08-55.069W |                          |               |              | Green can.  |  |
| 7340   | - Buoy 6  | 41-58-31.242N<br>083-08-56.133W |                          |               |              | Red nun.  |  |
| 7345   | - Buoy 5  | 41-58-33.280N<br>083-09-06.569W |                          |               |              | Green can.  |  |
| 7350   | - Buoy 4  | 41-57-46.423N<br>083-09-08.773W |                          |               |              | Red nun.  |  |
| 7355   | - Buoy 3  | 41-57-48.096N<br>083-09-19.070W |                          |               |              | Green can.  |  |
| 7360   | - Buoy 2  | 41-57-02.620N<br>083-09-20.146W |                          |               |              | Red nun.  |  |
| 7365   | - <i>Lighted Buoy 1W</i>                              | 41-57-00.954N<br>083-09-32.344W | FI G 6s                  |               | 6            | Green.  | Replaced by can f from Dec. 7 to May 7.          |
| <b>Point Mouillee</b>                          |   |                                 |                          |               |              |   |  |
| 7370   | Point Mouillee Access Channel Buoy 1                  | 42-00-11.381N<br>083-08-46.678W |                          |               |              | Green can.  |  |
| 7375   | - Access Channel Buoy 2                               | 42-00-15.068N<br>083-08-45.263W |                          |               |              | Red nun.  |  |
| 7380   | - Access Channel Buoy 3                               | 42-00-20.591N<br>083-09-45.501W |                          |               |              | Green can.  |  |
| 7385   | Point Mouillee Access Channel Buoy 4                  | 42-00-22.851N<br>083-09-44.411W |                          |               |              | Red nun.  |  |
| <b>Metro Park Marina</b>                       |   |                                 |                          |               |              |   |  |
| <i>Buoys maintained from Apr. 1 to Nov. 1.</i> |   |                                 |                          |               |              |   |  |
| 7390   | <i>South Huron Valley Outfall West Lighted Buoy</i>   | 42-03-09.000N<br>083-09-50.000W | Q W                      |               |              | White with orange bands and orange diamond worded DANGER OUTFALL. | Maintained from May 1 to Nov. 1.<br>Private aid. |
| 7395   | <i>South Huron Valley Outfall Center Lighted Buoy</i> | 42-03-09.500N<br>083-09-48.000W | Q W                      |               |              | White with orange bands and orange diamond worded DANGER OUTFALL. | Maintained from May 1 to Nov. 1.<br>Private aid. |

| (1)<br>No.                                      | (2)<br>Name and Location                                   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks                                       |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>DETROIT RIVER</b>                            |  |                                 |                       |               |              |   |  |
| <b>DETROIT RIVER (Chart 14848)</b>              |  |                                 |                       |               |              |   |  |
| <b>Detroit River Entrance</b>                   |  |                                 |                       |               |              |   |  |
| <b>Metro Park Marina</b>                        |  |                                 |                       |               |              |   |  |
| <i>Buoys maintained from Apr. 1 to Nov. 1.</i>  |  |                                 |                       |               |              |   |  |
| 7400  | South Huron Valley Outfall<br>East Lighted Buoy            | 42-03-08.800N<br>083-09-46.000W | Q W                   |               |              | White with orange<br>bands and orange<br>diamond worded<br>DANGER<br>OUTFALL. | Maintained from May 1 to Nov.<br>1.<br>Private aid.  |
| 7405  | - Lighted Buoy 1   | 42-03-09.500N<br>083-10-49.000W | FI G 4s               |               |              | Green.  | Private aid.   |
| 7410  | - Lighted Buoy 2   | 42-03-12.000N<br>083-10-49.000W | FI R 4s               |               |              | Red.  | Private aid.   |
| 7415  | - Buoy 3   | 42-03-09.500N<br>083-10-55.000W |                       |               |              | Green can.  | Private aid.   |
| 7420  | - Buoy 4   | 42-02-12.000N<br>083-10-54.000W |                       |               |              | Red nun.  | Private aid.   |
| 7425  | - Buoy 5   | 42-03-09.500N<br>083-11-00.000W |                       |               |              | Green can.  | Private aid.   |
| 7430  | - Buoy 6   | 42-03-12.000N<br>083-11-00.000W |                       |               |              | Red nun.  | Private aid.   |
| 7435  | - Buoy 7   | 42-03-09.500N<br>083-11-05.000W |                       |               |              | Green can.  | Private aid.   |
| 7440  | - Buoy 8   | 42-03-12.500N<br>083-11-05.000W |                       |               |              | Red nun.  | Private aid.   |
| 7445  | - RANGE FRONT LIGHT  | 42-03-12.000N<br>083-11-36.000W | FI R 4s               | 15<br>5       |              | On pile.  | Maintained from Apr. 1 to Nov.<br>1.<br>Private aid. |
| 7450  | - RANGE REAR LIGHT<br>100 yards, 270° from front<br>light. | 43-03-10.500N<br>083-11-37.000W | F R                   | 30<br>9       |              | On pile.  | Maintained from Apr. 1 to Nov.<br>1.<br>Private aid. |
| <b>Hickory Island Channel</b>                   |  |                                 |                       |               |              |   |  |
| <i>Buoys maintained from May 14 to Nov. 21.</i> |  |                                 |                       |               |              |   |  |
| 7455  | - Buoy 1   | 42-04-22.855N<br>083-09-39.030W |                       |               |              | Green can.  | Maintained from 14 May to 21<br>November             |
| 7460  | - Lighted Buoy 2   | 42-04-21.765N<br>083-09-11.958W | FI R 4s               |               | 4            | Red nun.  | Maintained from May 14 to Nov.<br>21.                |
| 7465  | - Buoy 3   | 42-04-39.565N<br>083-09-37.740W |                       |               |              | Green can.  | Maintained from May 14 to Nov.<br>21.                |
| <b>Ford Yacht Club</b>                          |  |                                 |                       |               |              |   |  |
| <i>Aids maintained from Apr. 15 to Nov. 1.</i>  |  |                                 |                       |               |              |   |  |
| 7468  | - East Basin Entrance Buoy 1                               | 42-05-14.000N<br>083-10-13.300W |                       |               |              | Green can.  | Private aid.   |
| 7469  | - East Basin Entrance Buoy 2                               | 42-05-13.800N<br>083-10-11.000W |                       |               |              | Red nun.  | Private aid.   |
| 7470  | - EAST BASIN ENTRANCE<br>LIGHT 3                           | 42-05-20.000N<br>083-10-11.200W | Q G                   | 6<br>2        |              | On single post.   | Private aid.   |
| 7471  | - EAST BASIN ENTRANCE<br>LIGHT 4                           | 42-05-20.000N<br>083-10-09.000W | FI R 2.5s             |               |              | On single post.   | Private aid.   |
| 7472  | - EAST BASIN RANGE<br>FRONT LIGHT                          | 42-05-27.000N<br>083-10-08.000W | F R                   |               |              | 4ft light pipe<br>centered on white<br>diamond day mark.                      | Private aid.   |
| 7473  | - EAST BASIN RANGE REAR<br>LIGHT                           | 42-05-27.200N<br>083-10-08.300W | F R                   |               |              | 4ft light pipe<br>centered on white<br>diamond day mark.                      | Private aid.   |
| 7480  | - West Basin Entrance Buoy<br>1                            | 42-05-19.500N<br>083-10-18.500W |                       |               |              | Green can.  | Private aid.   |
| 7485  | - West Entrance Buoy 2                                     | 42-05-19.000N<br>083-10-16.000W |                       |               |              | Red nun.  | Private aid.   |
| 7490  | - WEST BASIN ENTRANCE<br>LIGHT 3                           | 42-05-24.100N<br>083-10-16.500W | Q G                   | 6<br>2        |              | On single post.   | Private aid.   |
| 7495  | - WEST BASIN ENTRANCE<br>LIGHT 4                           | 42-05-24.000N<br>083-10-14.900W | Q R                   | 6<br>2        |              | On single post.   | Private aid.   |

| (1)<br>No.                                      | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks                                    |
|---|---|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>DETROIT RIVER</b>                            |   |                                 |                       |               |              |   |   |
| <b>DETROIT RIVER (Chart 14848)</b>              |   |                                 |                       |               |              |   |   |
| <b>Detroit River Entrance</b>                   |   |                                 |                       |               |              |   |   |
| <b>Ford Yacht Club</b>                          |   |                                 |                       |               |              |   |   |
| <i>Aids maintained from Apr. 15 to Nov. 1.</i>  |   |                                 |                       |               |              |   |   |
| 7500  | - WEST BASIN RANGE<br>FRONT LIGHT   | 42-05-24.000N<br>083-10-12.000W | F R                   |               |              | 4 ft light pipe<br>centered on white<br>diamond day mark. | Private aid.                                      |
| 7505  | - WEST BASIN RANGE<br>REAR LIGHT  | 42-05-27.000N<br>083-10-12.200W | F R                   |               |              | 4 ft light pipe<br>centered on white<br>diamond day mark. | Private aid.                                      |
| <b>Hickory Island Channel</b>                   |   |                                 |                       |               |              |   |   |
| <i>Buoys maintained from May 14 to Nov. 21.</i> |   |                                 |                       |               |              |   |   |
| 7550  | - Buoy 4  | 42-04-38.885N<br>083-09-20.559W |                       |               |              | Red nun.  |   |
| 7555  | - Lighted Junction Buoy H   | 42-04-42.884N<br>083-09-24.269W | Fl (2+1)G 6s          |               | 4            | Green can.  | Maintained from May 14 to Nov. 21.                |
| 7560  | - Buoy 7  | 42-04-59.192N<br>083-09-12.257W |                       |               |              | Green can.  |   |
| 7565  | - Lighted Buoy 8  | 42-05-04.374N<br>083-09-03.248W | Fl R 4s               |               | 4            | Red.  | Maintained from 14 May to 21 November.            |
| 7570  | - Buoy 10<br>Marks shoal.   | 42-05-15.780N<br>083-08-58.534W |                       |               |              | Red nun.  |   |
| 7575  | GROSSE ILE YACHT CLUB<br>HARBOR SOUTH ENTRANCE<br>LIGHT                       | 42-05-23.900N<br>083-09-03.300W | Fl G 2s               | 8<br>2        |              | On black post.  | Private aid.                                      |
| 7580  | GROSSE ILE YACHT CLUB<br>HARBOR NORTH<br>ENTRANCE LIGHT                       | 42-05-24.200N<br>083-09-03.200W | Fl R 2s               | 8<br>2        |              | On red post.  | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| 7585  | ELBA-MAR BOAT CLUB<br>RANGE FRONT LIGHT                                       | 42-05-51.700N<br>083-09-00.200W | F G                   | 10<br>3       |              | Orange and black<br>diamond day mark.                     | Maintained from Apr. 1 to Dec. 1.<br>Private aid. |
| 7590  | ELBA-MAR BOAT CLUB<br>RANGE REAR LIGHT<br>250 feet, 306° from front<br>light. | 42-05-53.000N<br>083-09-03.000W | F G                   | 18<br>5       |              | Orange and black<br>diamond day mark.                     | Maintained from Apr. 1 to Dec. 1.<br>Private aid. |
| 7595  | Elba-Mar Boat Club Entrance<br>Buoy 1   | 42-05-48.500N<br>083-08-54.000W |                       |               |              | Green can.  | Private aid.                                      |
| 7600  | Elba-Mar Boat Club Entrance<br>Buoy 2   | 42-05-49.000N<br>083-08-54.500W |                       |               |              | Red nun.  | Private aid.                                      |
| 7605  | - Buoy 12   | 42-05-40.532N<br>083-08-38.016W |                       |               |              | Red nun.  |   |
| 7610  | - Buoy 13   | 42-05-46.793N<br>083-08-38.786W |                       |               |              | Green can.  |   |
| 7615  | - Buoy 16   | 42-06-15.990N<br>083-08-04.829W |                       |               |              | Red nun.  |   |
| 7620  | Powder House Island Junction<br>Buoy  | 42-06-23.452N<br>083-08-08.325W |                       |               |              | Green and red<br>bands; can.                              |   |
| 7625  | - Shoal Buoy  | 42-06-22.752N<br>083-07-57.824W |                       |               |              | Red and green<br>bands; nun.                              | Maintained year round.                            |
| <b>Powder House Island Channel</b>              |   |                                 |                       |               |              |   |   |
| <i>Buoys maintained from May 14 to Nov. 21.</i> |   |                                 |                       |               |              |   |   |
| 7630  | - Buoy 1  | 42-06-24.482N<br>083-08-17.107W |                       |               |              | Green can.  |   |
| 7635  | - Buoy 2  | 42-06-42.186N<br>083-08-16.438W |                       |               |              | Red nun.  |   |
| 7640  | - Buoy 4  | 42-06-44.962N<br>083-08-19.325W |                       |               |              | Red nun.  |   |
| 7645  | - Buoy 6  | 42-06-48.306N<br>083-08-19.900W |                       |               |              | Red nun.  |   |
| <b>Lake Erie Metropark Boat Launch</b>          |   |                                 |                       |               |              |   |   |
| <i>Buoys maintained from Apr. 1 to Oct. 1.</i>  |   |                                 |                       |               |              |   |   |
| 7651  | - Lighted Buoy 1  | 42-04-40.900N<br>083-11-22.200W | Fl G 4s               |               |              | Green.  | Private aid.                                      |
| 7651.1  | - Lighted Buoy 2  | 42-04-41.400N<br>083-11-22.000W | Fl R 4s               |               |              | Red.  | Private aid.                                      |

| (1)<br>No.                                     | (2)<br>Name and Location                                  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                  | (8)<br>Remarks |
|--|---|---------------------------------|-----------------------|---------------|--------------|-----------------------------------|----------------|
| <b>DETROIT RIVER</b>                           |   |                                 |                       |               |              |                                   |                |
| <b>DETROIT RIVER (Chart 14848)</b>             |   |                                 |                       |               |              |                                   |                |
| <b>Detroit River Entrance</b>                  |   |                                 |                       |               |              |                                   |                |
| <b>Lake Erie Metropark Boat Launch</b>         |   |                                 |                       |               |              |                                   |                |
| <i>Buoys maintained from Apr. 1 to Oct. 1.</i> |   |                                 |                       |               |              |                                   |                |
| 7651.2   | - Buoy 3  | 42-04-42.600N<br>083-11-27.100W |                       |               |              | Green can.                        | Private aid.   |
| 7651.3   | - Buoy 4  | 42-04-43.000N<br>083-11-22.200W |                       |               |              | Red nun.                          | Private aid.   |
| 7651.4   | - Buoy 5  | 42-04-44.200N<br>083-11-32.000W |                       |               |              | Green can.                        | Private aid.   |
| 7651.5   | - Buoy 6  | 42-04-44.700N<br>083-11-31.600W |                       |               |              | Red nun.                          | Private aid.   |
| 7651.6   | - Buoy 7  | 42-04-45.800N<br>083-11-36.800W |                       |               |              | Green can.                        | Private aid.   |
| <b>Gibraltar South Harbor Channel</b>          |   |                                 |                       |               |              |                                   |                |
| <i>Aids maintained from Apr. 1 to Dec. 1.</i>  |   |                                 |                       |               |              |                                   |                |
| 7655   | - RANGE FRONT LIGHT                                       | 42-04-44.200N<br>083-11-12.000W | F R                   | 7<br>2        |              | On red pile.                      | Private aid.   |
| 7660   | - RANGE REAR LIGHT<br>100 feet, 268° from front<br>light. | 42-04-44.200N<br>083-11-10.500W | F R                   |               |              | Red on white<br>diamond day mark. | Private aid.   |
| 7665   | - LIGHT 1   | 42-04-44.000N<br>083-11-00.000W | FI G 2.5s             |               |              | On pile cluster.                  | Private aid.   |
| 7670   | - LIGHT 2   | 42-04-44.200N<br>083-11-00.000W | FI R 2.5s             |               |              | On pile cluster.                  | Private aid.   |
| 7671   | - Day beacon 3  | 42-04-44.500N<br>083-11-04.800W |                       |               |              | SG on single pile.                | Private aid.   |
| 7672   | - Day beacon 4  | 42-04-43.600N<br>083-11-04.400W |                       |               |              | TR on single pile.                | Private aid.   |
| 7675   | - LIGHT 5   | 42-04-44.000N<br>083-11-09.000W | Q G                   |               |              | On pile cluster.                  | Private aid.   |
| 7680   | - LIGHT 6   | 42-04-44.500N<br>083-11-09.000W | Q R                   |               |              | On pile cluster.                  | Private aid.   |
| 7685   | - LIGHT 7   | 42-04-46.500N<br>083-11-13.000W | Q G                   |               |              | On pile cluster.                  | Private aid.   |
| 7690   | - LIGHT 8   | 42-04-47.100N<br>083-11-13.800W | Q R                   |               |              | On pile cluster.                  | Private aid.   |
| 7695   | - LIGHT 9   | 42-04-47.000N<br>083-11-20.800W | Q G                   |               |              | On pile cluster.                  | Private aid.   |
| 7700   | - LIGHT 10  | 42-04-47.800N<br>083-11-20.800W | Q R                   |               |              | On pile cluster.                  | Private aid.   |
| <b>Celeron Island</b>                          |   |                                 |                       |               |              |                                   |                |
| <i>Aids maintained from May 14 to Nov. 21.</i> |   |                                 |                       |               |              |                                   |                |
| 7701   | - Buoy 1  | 42-04-53.000N<br>083-09-52.000W |                       |               |              | Green can.                        |                |
| 7703   | - Buoy 3  | 42-05-15.584N<br>083-10-23.881W |                       |               |              | Green can.                        |                |
| <b>Gibraltar Middle Channel</b>                |   |                                 |                       |               |              |                                   |                |
| <i>Aids maintained from Apr. 1 to Dec. 1.</i>  |   |                                 |                       |               |              |                                   |                |
| 7705   | GILBRALTAR MIDDLE<br>CHANNEL SOUTH LIGHT                  | 42-05-11.500N<br>083-11-06.100W | FI G 2.5s             |               |              | On pile cluster.                  | Private aid.   |
| 7710   | GILBRALTAR MIDDLE<br>CHANNEL NORTH LIGHT                  | 42-05-12.000N<br>083-11-06.100W | FI R 2.5s             |               |              | On pile cluster.                  | Private aid.   |
| <b>Celeron Island</b>                          |   |                                 |                       |               |              |                                   |                |
| <i>Aids maintained from May 14 to Nov. 21.</i> |   |                                 |                       |               |              |                                   |                |
| 7711   | - Buoy 4  | 42-05-22.000N<br>083-10-33.000W |                       |               |              | Red nun.                          |                |
| 7712   | - Buoy 5  | 42-05-26.918N<br>083-10-44.543W |                       |               |              | Green can.                        |                |
| 7713   | - Buoy 7  | 42-05-47.000N<br>083-10-57.000W |                       |               |              | Green can.                        |                |
| 7714   | - Buoy 8  | 42-05-53.000N<br>083-10-54.000W |                       |               |              | Red nun.                          |                |

| (1)<br>No.                                    | (2)<br>Name and Location                                 | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                      | (8)<br>Remarks                               |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>DETROIT RIVER</b>                          |  |                                 |                       |               |              |   |  |
| <b>DETROIT RIVER (Chart 14848)</b>            |  |                                 |                       |               |              |   |  |
| <b>Celeron Island</b>                         |  |                                 |                       |               |              |   |  |
| <b>Gibraltar North Channel</b>                |  |                                 |                       |               |              |   |  |
| <i>Aids maintained from Apr. 1 to Dec. 1.</i> |  |                                 |                       |               |              |   |  |
| 7715  | - RANGE FRONT LIGHT                                      | 42-05-54.000N<br>083-11-12.000W | F R                   | 7<br>2        |              | Red on white<br>diamond day mark<br>on post.          | Private aid.                                 |
| 7720  | - RANGE REAR LIGHT<br>10 feet, 239° from front<br>light. | 42-05-42.000N<br>083-11-24.000W | F R                   | 14<br>4       |              | Red on white<br>diamond day mark<br>on pile.          | Private aid.                                 |
| 7725  | - LIGHT 1  | 42-05-58.000N<br>083-11-04.400W | FI G 2.5s             | 10<br>3       |              | On pile cluster.                                      | Private aid.                                 |
| 7730  | - LIGHT 2  | 42-05-58.500N<br>083-11-00.500W | FI R 2.5s             | 10<br>3       |              | On pile cluster.                                      | Private aid.                                 |
| <b>Fighting Island Channel</b>                |  |                                 |                       |               |              |   |  |
| 7735  | - SOUTH LIGHT  | 42-10-22.780N<br>083-08-03.960W | Iso R 6s              | 35<br>11      | 8            | TR on post.   |  |
| 7740  | <i>Mamajuda Shoal Junction<br/>Lighted Buoy</i>          | 42-10-53.876N<br>083-08-12.094W | FI (2+1)G 6s          |               | 4            | Green and red<br>bands.                               | Replaced by can f from Dec. 21<br>to Apr. 1. |
| 7745  | - Buoy 88  | 42-10-58.266N<br>083-08-01.354W |                       |               |              | Red nun.  |  |
| 7755  | - <i>Lighted Buoy 89</i>                                 | 42-11-31.662N<br>083-08-08.023W | FI G 4s               |               | 4            | Green.  | Replaced by can f from Dec. 21<br>to Apr. 1. |
| 7760  | - <i>Lighted Buoy 90</i>                                 | 42-11-31.645N<br>083-07-58.023W | FI R 4s               |               | 4            | Red.  | Maintained from Apr. 1 to Dec.<br>21.        |
| 7765  | - <i>Lighted Buoy 91</i>                                 | 42-12-23.434N<br>083-08-03.314W | FI G 4s               |               | 4            | Green.  | Replaced by can f from Dec. 21<br>to Apr. 1. |
| 7770  | - <i>Lighted Buoy 92</i>                                 | 42-12-22.844N<br>083-07-52.723W | FI R 4s               |               | 4            | Red.  | Replaced by nun f from Dec. 21<br>to Apr. 1. |
| 7775  | - Buoy 93  | 42-13-03.179N<br>083-07-59.207W |                       |               |              | Green can.  |  |
| 7780  | - Buoy 94  | 42-13-02.203N<br>083-07-48.953W |                       |               |              | Red nun.  |  |
| 7785  | GRASSY ISLAND LIGHT                                      | 42-13-27.480N<br>083-07-59.280W | FI G 4s               | 26<br>8       | 5            | SG on cylindrical<br>tower with 6 foot<br>green band. | Higher intensity beam up and<br>down stream. |
| 7790  | - Buoy 96  | 42-13-27.072N<br>083-07-46.353W |                       |               |              | Red nun.  |  |
| 7805  | - <i>Lighted Buoy 97</i>                                 | 42-13-47.732N<br>083-07-54.773W | FI G 4s               |               | 4            | Green.  | Maintained from Apr. 1 to Dec.<br>21.        |
| 7810  | - Buoy 98<br>Marks shoal.                                | 42-13-57.001N<br>083-07-43.102W |                       |               |              | Red nun.  |  |
| 7815  | NORTH LIGHT (C)  |                                 | Iso R 4s              | 27<br>8       | 7            | White circular<br>tower with red<br>upper portion.    |  |
| 7820  | Grosse Ile Basin Buoy 1                                  | 42-10-21.276N<br>083-08-26.995W |                       |               |              | Green can.  |  |
| 7825  | Grosse Ile Basin Buoy 3                                  | 42-10-29.276N<br>083-08-28.575W |                       |               |              | Green can.  |  |
| 7830  | Grosse Ile Basin Buoy 5                                  | 42-10-40.496N<br>083-08-29.905W |                       |               |              | Green can.  |  |
| <b>Wyandotte Channel</b>                      |  |                                 |                       |               |              |   |  |
| 7835  | - South Entrance Buoy 2                                  | 42-11-03.335N<br>083-08-20.885W |                       |               |              | Red nun.  |  |
| 7840  | - <i>Lighted Buoy 3</i>                                  | 42-11-03.130N<br>083-08-25.865W | Q G                   |               | 4            | Green.  | Replaced by can f from Dec. 14<br>to Apr. 7. |
| 7845  | - Buoy 4   | 42-11-20.505N<br>083-08-23.265W |                       |               |              | Red nun.  |  |

| (1)<br>No.                         | (2)<br>Name and Location                                      | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure     | (8)<br>Remarks                            |
|------------------------------------|---|---------------------------------|-----------------------|---------------|--------------|----------------------|---|
| <b>DETROIT RIVER</b>               |   |                                 |                       |               |              |                      |   |
| <b>DETROIT RIVER (Chart 14848)</b> |   |                                 |                       |               |              |                      |   |
| <b>Fighting Island Channel</b>     |   |                                 |                       |               |              |                      |   |
| <b>Wyandotte Channel</b>           |   |                                 |                       |               |              |                      |   |
| 7850                               | - Buoy 6  | 42-11-38.255N<br>083-08-25.255W |                       |               |              | Red nun.             |   |
| 7855                               | - <i>Lighted Buoy 7</i>                                       | 42-11-57.208N<br>083-08-26.021W | FI G 4s               |               | 4            | Green.               | Replaced by can f from Dec. 14 to Apr. 7. |
| 7860                               | - Buoy 9  | 42-12-09.891N<br>083-08-25.611W |                       |               |              | Green can.           |   |
| 7865                               | <i>Grosse Isle Spit Junction Lighted Buoy</i><br>Marks shoal. | 42-12-19.314N<br>083-08-31.355W | FI (2+1)G 6s          |               | 4            | Green and red bands. | Replaced by can f from Dec. 14 to Apr.07. |
| 7870                               | - Buoy 12   | 42-12-21.341N<br>083-08-24.334W |                       |               |              | Red nun.             |   |
| 7875                               | - Buoy 14   | 42-12-31.603N<br>083-08-24.284W |                       |               |              | Red nun.             |   |
| 7880                               | - <i>Lighted Buoy 16</i>                                      | 42-13-02.613N<br>083-08-17.114W | FI R 4s               |               | 4            | Red.                 | Replaced by nun f from Dec. 14 to Apr. 7. |
| 7885                               | - <i>Lighted Buoy 18</i>                                      | 42-13-41.642N<br>083-08-39.125W | FI R 4s               |               | 4            | Red.                 | Replaced by nun f from Dec. 14 to Apr. 7. |
| 7890                               | - <i>Lighted Buoy 20</i>                                      | 42-13-52.941N<br>083-08-39.225W | FI R 4s               |               | 4            | Red.                 | Replaced by nun f from Dec. 14 to Apr.7.  |
| 7895                               | <i>Mud Island Junction Lighted Buoy</i>                       | 42-13-53.741N<br>083-08-45.325W | FI (2+1)G 6s          |               | 4            | Green and red bands. | Replaced by can f from Dec. 14 to Apr.7.  |
| 7900                               | - Buoy 21   | 42-14-03.041N<br>083-08-36.825W |                       |               |              | Green can.           |   |
| 7905                               | - <i>Lighted Buoy 22</i>                                      | 42-14-01.341N<br>083-08-33.425W | FI R 4s               |               | 4            | Red.                 | Replaced by nun f from Dec. 14 to Apr.07. |
| 7910                               | - Buoy 23   | 42-14-13.151N<br>083-08-24.274W |                       |               |              | Green can.           |   |
| 7915                               | - Buoy 24   | 42-14-10.711N<br>083-08-21.124W |                       |               |              | Red nun.             |   |
| 7920                               | - <i>Lighted Buoy 25</i>                                      | 42-14-27.381N<br>083-08-01.753W | FI G 2.5s             |               | 4            | Green.               | Replaced by can f from Dec. 14 to Apr.7.  |
| 7925                               | - <i>North Junction Lighted Buoy</i>                          | 42-14-25.431N<br>083-07-58.643W | FI (2+1)R 6s          |               | 4            | Red and green bands. | Replaced by nun f from Dec. 14 to Apr. 7. |
| <b>Trenton Channel</b>             |   |                                 |                       |               |              |                      |   |
| 7945                               | - <i>Lighted Buoy 1</i>                                       | 42-07-22.651N<br>083-10-35.032W | Q G                   |               | 4            | Green.               | Replaced by can f from Dec. 14 to Apr.7.  |
| 7950                               | - Buoy 2  | 42-07-22.161N<br>083-10-29.151W |                       |               |              | Red nun.             |   |
| 7955                               | - Buoy 3  | 42-07-35.150N<br>083-10-30.531W |                       |               |              | Green can.           |   |
| 7960                               | - Buoy 4  | 42-07-35.450N<br>083-10-26.431W |                       |               |              | Red nun.             |   |
| 7965                               | - <i>Lighted Buoy 5</i>                                       | 42-07-48.950N<br>083-10-26.531W | FI G 4s               |               | 4            | Green.               | Replaced by can f from Dec. 14 to Apr.7.  |
| 7970                               | - Buoy 6  | 42-07-49.950N<br>083-10-23.331W |                       |               |              | Red nun.             |   |
| 7980                               | - <i>Lighted Buoy 7</i>                                       | 42-08-17.464N<br>083-10-21.004W | FI G 4s               |               | 4            | Green.               | Replaced by can f from Dec. 14 to Apr. 7. |
| 7985                               | - <i>Lighted Buoy 8</i>                                       | 42-08-17.034N<br>083-10-18.164W | FI R 4s               |               | 4            | Red.                 | Replaced by nun f from Dec. 14 to Apr. 7. |

| (1)<br>No.                         | (2)<br>Name and Location                      | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                               | (8)<br>Remarks                              |
|------------------------------------|---|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>DETROIT RIVER</b>               |   |                                 |                       |               |              |  |   |
| <b>DETROIT RIVER (Chart 14848)</b> |   |                                 |                       |               |              |  |   |
| <b>Fighting Island Channel</b>     |   |                                 |                       |               |              |  |   |
| <b>Trenton Channel</b>             |   |                                 |                       |               |              |  |   |
| 8000                               | - Lighted Buoy 9                              | 42-08-49.949N<br>083-10-14.130W | FI G 4s               |               | 4            | Green.   | Replaced by can f from Dec. 14 to Apr. 7.   |
| 8005                               | - Lighted Buoy 10                             | 42-08-49.489N<br>083-10-10.170W | FI R 4s               |               | 4            | Red.   | Replaced by nun f from Dec. 14 to Apr. 7.   |
| 8010                               | - Buoy 10A                                    | 42-09-23.874N<br>083-09-52.980W |                       |               |              | Red nun.                                       |   |
| 8025                               | - Lighted Buoy 11                             | 42-09-23.518N<br>083-09-57.944W | FI G 2.5s             |               | 4            | Green can.                                     |   |
| 8030                               | - Lighted Buoy 12                             | 42-09-37.767N<br>083-09-46.194W | FI R 4s               |               | 4            | Red.   | Replaced by nun f from Dec. 14 to April 07. |
| 8035                               | - Lighted Buoy 13                             | 42-09-48.547N<br>083-09-49.229W | FI G 4s               |               | 4            | Green.   | Replaced by can f from Dec. 14 to Apr. 7.   |
| 8055                               | - Lighted Buoy 15                             | 42-10-09.725N<br>083-09-48.824W | FI G 4s               |               | 4            | Green.   | Replaced by can f from Dec. 14 to Apr 7.    |
| 8060                               | - Lighted Buoy 16                             | 42-10-09.507N<br>083-09-45.729W | FI R 4s               |               | 4            | Red.   | Replaced by nun f from Dec. 14 to Apr. 7.   |
| 8065                               | - Lighted Buoy 17                             | 42-10-42.986N<br>083-09-32.408W | FI G 4s               |               | 4            | Green.   | Replaced by can f from Dec. 14 to Apr. 7.   |
| 8070                               | - Buoy 18                                     | 42-10-42.478N<br>083-09-28.071W |                       |               |              | Red nun.                                       |   |
| 8075                               | - Lighted Buoy 20                             | 42-11-15.595N<br>083-09-02.056W | FI R 4s               |               | 4            | Red.   | Replaced by nun f from Dec. 14 to Apr. 7.   |
| 8080                               | - Lighted Buoy 21                             | 42-11-54.814N<br>083-08-53.844W | FI G 4s               |               | 4            | Green.   | Replaced by can f from Dec. 14 to Apr. 7.   |
| 8085                               | - Lighted Buoy 22                             | 42-11-54.144N<br>083-08-49.126W | FI R 4s               |               | 4            | Red.   | Replaced by nun f from Dec. 14 to Apr. 7.   |
| <b>Ecorse Channel</b>              |   |                                 |                       |               |              |  |   |
| 8090                               | - Buoy 2                                      | 42-14-12.049N<br>083-08-45.006W |                       |               |              | Red nun.                                       | Maintained from Apr. 7 to Nov. 1.           |
| 8095                               | - Buoy 4                                      | 42-14-26.025N<br>083-08-31.126W |                       |               |              | Red nun.                                       | Maintained from Apr. 7 to Nov. 1.           |
| 8100                               | - Buoy 5                                      | 42-14-29.700N<br>083-08-25.474W |                       |               |              | Green can.                                     | Maintained from Apr. 7 to Nov. 1.           |
| 8105                               | - Buoy 6                                      | 42-14-31.960N<br>083-08-06.863W |                       |               |              | Red nun.                                       | Maintained from Apr. 7 to Nov. 1.           |
| 8110                               | - Lighted Buoy 7                              | 42-14-33.886N<br>083-08-07.346W | FI G 4s               |               | 4            | Green.   | Maintained from Apr. 7 to Nov. 1.           |
| <b>Above Fighting Island</b>       |   |                                 |                       |               |              |  |   |
| 8115                               | Fighting Island North Lighted Buoy 104D (C)   | 42-15-01.600N<br>083-06-57.700W | FI R 4s               |               |              | Red.   | Spar; winter marker. Seasonal.              |
| 8120                               | Fighting Island Anchorage Lighted Buoy Dq (C) | 42-15-06.000N<br>083-06-54.000W | FI Y 4s               |               |              | Yellow.  | Seasonal.                                   |
| 8125                               | FIGHTING ISLAND NORTH ANCHORAGE LIGHT (C)     | 42-15-41.100N<br>083-06-19.300W | FI Y 4s               | 32<br>10      | 3            | SY with black anchor on yellow circular tower. | Visible all around. Seasonal.               |

| (1)<br>No.                         | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                     | (8)<br>Remarks  |
|------------------------------------|--|---------------------------------|-----------------------|---------------|--------------|--------------------------------------|---|
| <b>DETROIT RIVER</b>               |  |                                 |                       |               |              |                                      |   |
| <b>DETROIT RIVER (Chart 14848)</b> |  |                                 |                       |               |              |                                      |   |
| <b>Above Fighting Island</b>       |  |                                 |                       |               |              |                                      |   |
| 8130                               | GREAT LAKES STEEL BOAT CLUB SOUTH LIGHT<br>Marks entrance to marina.       | 42-15-38.000N<br>083-07-02.500W | F G                   | 8<br>2        |              | On post.                             | Private aid.  |
| 8135                               | GREAT LAKES STEEL BOAT CLUB NORTH LIGHT<br>Marks entrance to marina.       | 42-15-39.200N<br>083-07-01.700W | F R                   | 15<br>5       |              | On post.                             | Private aid.  |
| 8147                               | MARINER'S MEMORIAL LIGHTHOUSE  | 42-16-10.200N<br>083-06-42.000W |                       |               |              | Red and White.                       | Private aid.  |
| 8150                               | DETROIT EDISON CELL LIGHT SOUTH  | 42-16-25.000N<br>083-06-36.000W | Q W                   | 20<br>6       |              | On pile.                             | Private aid.  |
| 8155                               | DETROIT EDISON CELL LIGHT NORTH  | 42-16-27.000N<br>083-06-36.000W | Q W                   | 20<br>6       |              | On pile.                             | Private aid.  |
| 8160                               | <i>River Rouge Canal Entrance Lighted Buoy 2</i>                           | 42-16-31.188N<br>083-06-33.297W | FI R 4s               |               | 4            | Red.                                 | AIS MMSI: 993672207   |
| 8170                               | <i>Detroit River Lighted Buoy D108 (C)</i>                                 | 42-18-48.000N<br>083-04-06.000W | FI R 4s               |               |              | Red.                                 | Seasonal.   |
| 8195                               | Third Street Junction Buoy   | 42-19-24.187N<br>083-03-04.814W |                       |               |              | Green and red bands; can.            |   |
| 8200                               | Griswold Street Junction Buoy  | 42-19-30.937N<br>083-02-34.213W |                       |               |              | Green and red bands; can.            |   |
| 8201                               | TRI-CENTENNIAL STATE PARK ENTRANCE LIGHT 1                                 | 42-19-55.750N<br>083-01-32.230W | FI G 4s               |               |              | On single pile.                      | Private aid.  |
| 8202                               | TRI-CENTENNIAL STATE PARK ENTRANCE LIGHT 2                                 | 42-19-56.260N<br>083-01-30.310W | FI R 4s               |               |              | On side of Lighthouse.               | Private aid.  |
| 8205                               | <i>Belle Isle Lower Junction Lighted Buoy</i>                              | 42-19-54.837N<br>083-00-56.810W | FI (2+1)G 6s          |               | 4            | Green and red bands.                 | Replaced by can f from Dec. 21 to Apr. 1.<br>AIS MMSI: 993672208                      |
| <b>Fleming Channel</b>             |  |                                 |                       |               |              |                                      |   |
| 8210                               | BELLE ISLE LIGHT   | 42-20-24.075N<br>082-57-35.678W | F G                   | 30<br>9       | 7            | On pile.                             |   |
| 8215                               | <i>Lighted Buoy D110 (C)</i>   | 42-20-30.000N<br>082-57-06.000W | FI R 4s               |               |              | Red.                                 | Seasonal.   |
| 8220                               | <i>Livingstone Memorial Lighted Buoy 111</i>                               | 42-20-35.689N<br>082-57-15.805W | FI G 4s               |               | 4            | Green.                               |   |
| 8225                               | <i>Lighted Buoy DPB Of Shoal (C)</i>                                       |                                 |                       |               |              | Red with green band.                 | Spar; winter marker. Seasonal.  |
| 8230                               | <i>Belle Isle Upper Junction Lighted Buoy</i>                              | 42-21-02.126N<br>082-56-43.563W | FI (2+1)G 6s          |               | 4            | Green and red bands.                 | Maintained f from Apr. 1 to Dec. 21.  |
| 8235                               | PECHE ISLAND LIGHT   | 42-20-54.450N<br>082-56-33.500W | FI R 4s               | 44<br>13      | 6            | TR on cylindrical tower.             | Higher intensity beam up and down stream.   |
| 8240                               | <b>William Livingstone Memorial Light</b>                                  | 42-20-49.132N<br>082-57-15.807W | Oc W 4s               | 58<br>18      | 14           | Pyramidal monumental structure.      | Lighted throughout 24 hours.  |
| 8245                               | <i>Belle Isle North Lighted Buoy 113</i>                                   | 42-21-08.263N<br>082-56-34.162W | FI G 4s               |               | 4            | Green.                               | Replaced by can f from Dec. 21 to Apr. 1.<br>AIS MMSI: 993672209                      |
| 8250                               | <i>Starboard Lagoon Obstruction Lighted Buoy</i><br>Marks submerged barge. | 42-21-21.000N<br>082-56-35.000W |                       |               |              | White with orange bands and diamond. | Maintained f from Apr. 1 to Nov. 1.<br>Private aid.                                   |
| 8255                               | <i>Peché Island Lighted Buoy 114</i>                                       | 42-21-10.246N<br>082-55-57.404W | FI R 4s               |               | 4            | Red.                                 | Replaced by nun f from Dec. 21 to Apr. 1.<br>AIS MMSI: 993672210                      |
| 8260                               | <b>Windmill Point Light</b>  | 42-21-27.225N<br>082-55-47.859W | Iso W 6s              | 42<br>13      | 15           | Tower.                               |   |
| 8265                               | WINDMILL POINT PARK BREAKWATER OUTER LIGHT                                 | 42-21-30.000N<br>082-55-41.000W | Q W                   | 3<br>1        |              | On pile.                             | Length to breakwater is marked by 13 equally spaced fixed red lights.<br>Private aid. |



| (1)<br>No.                                      | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                | (8)<br>Remarks  |
|---|---|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>DETROIT RIVER</b>                            |   |                                 |                       |               |              |   |   |
| <b>DETROIT RIVER (Chart 14848)</b>              |   |                                 |                       |               |              |   |   |
| <b>Fleming Channel</b>                          |   |                                 |                       |               |              |   |   |
| 8270  | WINDMILL POINT PARK<br>BREAKWATER INNER LIGHT                                 | 42-21-30.000N<br>082-55-41.000W | Q W                   | 3<br>1        |              | On pile.  | Private aid.  |
| <b>Belle Isle North Channel</b>                 |   |                                 |                       |               |              |   |   |
| <b>Scott Middle Ground</b>                      |   |                                 |                       |               |              |   |   |
| <i>Buoys maintained from Apr. 1 to Nov. 14.</i> |   |                                 |                       |               |              |   |   |
| 8280  | - Lower Junction Buoy   | 42-20-08.277N<br>083-00-31.209W |                       |               |              | Red and green<br>bands; nun.                    | Maintained year round.                                |
| 8285  | - North Channel Buoy 2  | 42-20-15.287N<br>083-00-19.008W |                       |               |              | Red nun.  | Maintained year round.                                |
| 8290  | - North Channel Buoy 4  | 42-20-42.967N<br>082-59-46.227W |                       |               |              | Red nun.  |   |
| 8295  | - North Channel Buoy 6  | 42-20-55.997N<br>082-59-24.296W |                       |               |              | Red nun.  |   |
| 8300  | - North Channel Buoy 8  | 42-21-03.187N<br>082-59-04.345W |                       |               |              | Red nun.  |   |
| 8305  | DETROIT BOAT CLUB LIGHT   | 42-20-29.700N<br>082-59-34.600W | F R                   | 15<br>5       |              | On pile.  | Private aid.  |
| 8310  | - South Channel Buoy 1  | 42-20-36.527N<br>082-59-39.277W |                       |               |              | Green can.                                      |   |
| 8315  | - South Channel Buoy 3  | 42-20-41.867N<br>082-59-13.295W |                       |               |              | Green can.                                      |   |
| 8320  | - South Channel Buoy 5  | 42-20-50.127N<br>082-58-45.734W |                       |               |              | Green can.                                      |   |
| 8325  | - Upper Junction Buoy   | 42-21-00.157N<br>082-58-37.314W |                       |               |              | Red and green<br>bands; nun.                    |   |
| <b>Belle Isle North Channel</b>                 |   |                                 |                       |               |              |   |   |
| 8330  | ERMA HENDERSON MARINA<br>WEST ENTRANCE LIGHTS<br>(2)                          | 42-21-07.500N<br>082-59-05.300W | F G                   | 18<br>5       |              | On piles.                                       | Private aid.  |
| 8335  | ERMA HENDERSON MARINA<br>EAST LIGHTS  | 42-21-07.800N<br>082-59-04.500W | F R                   | 18<br>5       |              | On piles.                                       | Private aid.  |
| 8340  | ERMA HENDERSON MARINA<br>LIGHTS (8)<br>Marks cable string between<br>pilings. | 42-21-08.200N<br>082-59-02.500W | F R                   | 18<br>5       |              | On piles.                                       | Private aid.  |
| 8341  | PORTERFIELD RAMP LIGHT  | 42-21-20.600N<br>082-58-04.900W | F R                   | 8<br>2        |              | On pile.  | Maintained from Apr. 1 to Nov.<br>30.<br>Private aid. |
| 8342  | PORTERFIELD MARINA<br>ENTRANCE LIGHT 1  | 42-21-18.900N<br>082-58-02.500W | F G                   | 8<br>2        |              | SG on pile.                                     | Maintained from Apr. 1 to Nov.<br>30.<br>Private aid. |
| 8343  | PORTERFIELD MARINA<br>ENTRANCE LIGHT 2  | 42-21-18.800N<br>082-57-59.000W | F R                   | 8<br>2        |              | TR on pile.                                     | Maintained from Apr. 1 to Nov.<br>30.<br>Private aid. |
| 8345  | Intake Pipe Buoy 1  | 42-21-13.776N<br>082-58-24.833W |                       |               |              | Green can.                                      | Maintained from Apr. 1 to Nov.<br>14.                 |
| 8350  | WATERWORKS INTAKE<br>CRIB LIGHT   | 42-21-08.300N<br>082-57-59.900W | FI W 5s               | 40<br>12      |              | Gray stone tower<br>on pier.                    | Private aid.  |
| 8355  | <i>Detroit Edison Lighted Buoy 1A</i>   | 42-21-12.286N<br>082-57-28.440W | FI G 4s               |               | 4            | Green.  | Replaced by can f from Dec. 7 to<br>Apr. 1.           |
| 8360  | DETROIT EDISON BOAT<br>CLUB ENTRANCE LIGHT 2                                  | 42-21-18.000N<br>082-57-24.800W | F R                   |               |              | TR on post.                                     | Maintained from Apr. 1 to Oct. 1.<br>Private aid.     |
| 8365  | DETROIT EDISON BOAT<br>CLUB ENTRANCE LIGHT 3                                  | 42-21-19.300N<br>082-57-25.000W | F G                   |               |              | SG on post.                                     | Maintained from Apr. 1 to Oct. 1.<br>Private aid.     |
| 8370  | WATERWORKS INTAKE<br>LAGOON LIGHT   | 42-21-00.200N<br>082-57-16.500W | FI R 6s               | 22<br>7       |              | Red post on small<br>house on concrete<br>pier. | Private aid.  |
| 8396  | Gray haven Canal Entrance<br>Buoy 2   | 42-21-19.350N<br>082-56-45.050W |                       |               |              | Red nun.  | Maintained May 15 to Oct 31.<br>Private aid.          |

| (1)<br>No.   | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks                                   |
|--|---|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>DETROIT RIVER</b>                                     |   |                                 |                       |               |              |  |  |
| <b>DETROIT RIVER (Chart 14848)</b>                       |   |                                 |                       |               |              |  |  |
| <b>Belle Isle North Channel</b>                          |   |                                 |                       |               |              |  |  |
| 8396.1   | PORT LAGOON LIGHT 1   | 42-21-20.700N<br>082-56-46.118W | F G                   | 11<br>3       |              |  | Private aid.                                     |
| 8397   | PORT LAGOON LIGHT 2   | 42-21-20.160N<br>082-56-45.300W | F R                   | 11<br>3       |              |  | Private aid.                                     |
| 8398   | STARBOARD LAGOON LIGHT 1  | 82-21-21.000N<br>082-56-34.200W | F G                   | 11<br>3       |              |  | Private aid.                                     |
| 8399.5   | Starboard Lagoon Obstr Day beacon                                     | 42-21-22.022N<br>082-56-36.720W |                       |               |              |  | Private aid.                                     |
| <b>LAKE ST. CLAIR</b>                                    |   |                                 |                       |               |              |  |  |
| <b>LAKE ST. CLAIR (Charts 14850, 14853)</b>              |   |                                 |                       |               |              |  |  |
| <b>Lake St. Clair</b>                                    |   |                                 |                       |               |              |  |  |
| <i>Lighted buoys maintained from Mar. 28 to Dec. 21.</i> |   |                                 |                       |               |              |  |  |
| 8400   | PECHE ISLAND RANGE FRONT LIGHT  | 42-21-37.556N<br>082-54-24.960W | F W                   | 35<br>11      |              | KRW on white skeleton tower with round conical foundation. | RACON: G ( - - )<br>Lighted throughout 24 hours. |
| 8405   | PECHE ISLAND RANGE FRONT PASSING LIGHT                                | 42-21-37.500N<br>082-54-25.000W | F W                   | 31<br>9       | 7            | On same structure as Peche Island Range Front Light.       |  |
| 8410   | PECHE ISLAND RANGE REAR LIGHT<br>3,697 feet, 227.7° from front light. | 42-21-12.985N<br>082-55-01.392W | F W                   | 114<br>35     |              | KRW on white skeleton tower with round conical foundation. | Lighted throughout 24 hours.                     |
| 8415   | - LIGHT 1   | 42-22-01.065N<br>082-53-59.103W | Q G                   | 37<br>11      | 5            | SG on post.  |  |
| 8420   | - Lighted Buoy 2  | 42-21-54.270N<br>082-53-52.330W | FI R 4s               |               | 5            | Red.   | AIS MMSI: 993672211                              |
| 8425   | - Buoy 3  | 42-22-27.259N<br>082-53-18.287W |                       |               |              | Green can.   |  |
| 8430   | - Buoy 4  | 42-22-22.090N<br>082-53-11.030W |                       |               |              | Red nun.   |  |
| 8435   | - Buoy 5  | 42-22-56.223N<br>082-52-35.343W |                       |               |              | Green can.   |  |
| 8440   | - Buoy 6  | 42-22-50.681N<br>082-52-28.585W |                       |               |              | Red nun.   |  |
| 8442   | Grosse Pointe Dumping Grounds Buoy B                                  | 42-22-12.000N<br>082-51-01.000W |                       |               |              | Yellow can.  |  |
| 8445   | - Lighted Buoy 7  | 42-23-19.748N<br>082-52-00.289W | FI G 4s               |               | 4            | Green.   | Replaced by can Dec 21 to Mar 28                 |
| 8450   | - Lighted Buoy 8  | 42-23-14.453N<br>082-51-53.007W | FI R 4s               |               | 4            | Red.   | AIS MMSI: 993672212                              |
| 8455   | - Buoy 9  | 42-23-47.733N<br>082-51-18.854W |                       |               |              | Green can.   |  |
| 8460   | - Buoy 10   | 42-23-42.320N<br>082-51-11.760W |                       |               |              | Red nun.   |  |
| 8465   | - Buoy 11   | 42-24-10.446N<br>082-50-44.793W |                       |               |              | Green can.   |  |
| 8470   | - Buoy 12   | 42-24-05.025N<br>082-50-37.636W |                       |               |              | Red nun.   |  |
| 8472   | Grosse Pointe Dumping Grounds Buoy A                                  | 42-23-35.000N<br>082-48-52.000W |                       |               |              | Yellow can.  |  |
| 8475   | - Lighted Buoy 13   | 42-24-37.940N<br>082-50-04.990W | FI G 4s               |               | 4            | Green.   |  |
| 8480   | - LIGHT 14  | 42-24-31.566N<br>082-49-57.613W | FI R 4s               | 30<br>9       | 5            | TR on post on concrete structure.                          |  |
| 8485   | - Buoy 15   | 42-25-12.561N<br>082-49-12.341W |                       |               |              | Green can.   |  |
| 8490   | - Buoy 16   | 42-25-07.131N<br>082-49-04.665W |                       |               |              | Red nun.   |  |
| 8495   | - Lighted Buoy 17   | 42-25-50.100N<br>082-48-17.740W | FI G 4s               |               | 5            | Green.   |  |
| 8500   | - Lighted Buoy 18   | 42-25-44.220N<br>082-48-10.560W | FI R 4s               |               | 6            | Red.   |  |

| (1)<br>No.   | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic    | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|--|---|---------------------------------|--------------------------|---------------|--------------|---|--|
| <b>LAKE ST. CLAIR</b>                                    |   |                                 |                          |               |              |   |  |
| <b>LAKE ST. CLAIR (Charts 14850, 14853)</b>              |   |                                 |                          |               |              |   |  |
| <b>Lake St. Clair</b>                                    |   |                                 |                          |               |              |   |  |
| <i>Lighted buoys maintained from Mar. 28 to Dec. 21.</i> |   |                                 |                          |               |              |   |  |
| 8505   | - Buoy 19   | 42-26-24.652N<br>082-47-25.743W |                          |               |              | Green can.  |  |
| 8510   | - Buoy 20   | 42-26-19.110N<br>082-47-18.550W |                          |               |              | Red nun.  |  |
| 8515   | - <i>Lighted Buoy 21</i>  | 42-27-00.180N<br>082-46-33.390W | FI G 4s                  |               | 4            | Green.  |  |
| 8520   | - <i>Lighted Buoy 22</i>  | 42-26-54.450N<br>082-46-26.130W | FI R 4s                  |               | 4            | Red.  |  |
| 8525   | - LIGHT   | 42-27-55.120N<br>082-45-15.440W | Iso G 6s                 | 52<br>16      | 9            | White square tower<br>on cylindrical base.  | RACON: N ( - . )<br>Higher intensity beam<br>upstream.               |
| 8530   | - <i>Lighted Buoy 24</i>  | 42-27-48.060N<br>082-45-06.030W | FI R 2.5s                |               | 4            | Red.  |  |
| 8535   | ST. CLAIR FLATS CANAL<br>RANGE FRONT LIGHT  | 42-33-02.595N<br>082-39-02.754W | F G                      | 48<br>15      |              | White day mark on<br>pyramidal tower.   | Lighted throughout 24 hours.   |
| 8540   | ST. CLAIR FLATS CANAL<br>RANGE REAR LIGHT<br>4,018 feet, 041.1° f rom<br>front light. | 42-33-32.507N<br>082-38-27.459W | F G                      | 112<br>34     |              | White day mark on<br>pyramidal tower.   | Lighted throughout 24 hours.   |
| 8545   | - <i>Lighted Buoy 25</i>  | 42-29-01.720N<br>082-43-53.570W | FI G 4s                  |               | 4            | Green.  | Replaced by can f from Dec 21.<br>to Mar.28.                         |
| 8550   | - <i>Lighted Buoy 26</i>  | 42-28-56.610N<br>082-43-45.420W | FI R 4s                  |               | 4            | Red.  | Replaced by nun f from Dec. 21<br>to Mar. 28.                        |
| 8555   | - <i>Lighted Buoy 27</i>  | 42-29-45.800N<br>082-43-01.750W | FI G 4s                  |               | 4            | Green.  |  |
| 8560   | - <i>Lighted Buoy 28</i>  | 42-29-40.769N<br>082-42-53.601W | FI R 4s                  |               | 4            | Red.  |  |
| 8565   | - <i>Lighted Buoy 29</i>  | 42-30-35.980N<br>082-42-02.660W | FI G 2.5s                |               | 4            | Green.  | Replaced by can f from Dec. 21<br>to Mar. 28.<br>AIS MMSI: 993672233 |
| 8570   | - <i>Lighted Buoy 30</i>  | 42-30-30.728N<br>082-41-54.471W | Q R                      |               | 4            | Red   | Year round lighted buoy . AIS<br>MMSI: 993672213                     |
| 8575   | - Buoy 31   | 42-30-49.949N<br>082-41-45.901W |                          |               |              | Green.  | Replaced by can f from Dec. 21<br>to Mar. 28.                        |
| 8580   | SQUIRREL ISLAND RANGE<br>FRONT LIGHT (C)  | 42-33-12.000N<br>082-35-00.000W | Iso Y 2s<br>1s fl 1s ec. | 30<br>9       |              | Orange triangular<br>day mark with black<br>vertical stripe on<br>white square<br>skeleton tower.   | Visible on range line only .   |
| 8585   | SQUIRREL ISLAND RANGE<br>REAR LIGHT (C)<br>3,506 feet, 064.3° from<br>front light.    |                                 | F Y                      | 84<br>26      |              | Orange inverted<br>triangular day mark<br>with black vertical<br>stripe on white<br>skeleton tower. | Visible in line of range.  |
| <b>St. Clair Cut-Off Channel</b>                         |   |                                 |                          |               |              |   |  |
| 8590   | - <i>Preferred Channel Lighted<br/>Buoy CO</i>  | 42-30-58.568N<br>082-41-22.251W | FI (2+1)G 6s             |               | 4            | Green with red<br>band  | Replaced by can f from Dec. 14<br>to Mar. 28.                        |
| <b>Lake St. Clair</b>                                    |   |                                 |                          |               |              |   |  |
| <i>Lighted buoys maintained from Mar. 28 to Dec. 21.</i> |   |                                 |                          |               |              |   |  |
| 8595   | PIER LIGHT X32/2 (C)<br>190 feet outside channel<br>limit.                            | 42-30-54.000N<br>082-41-06.000W | FI R 4s                  | 24<br>7       |              | White circular<br>tower with red top.   |  |
| <b>St. Clair Cut-Off Channel</b>                         |   |                                 |                          |               |              |   |  |
| 8600.1   | - <i>Lighted Buoy 32</i>  | 42-30-56.057N<br>082-41-09.411W | Q R                      |               | 4            |   | Replaced by nun f from Dec. 21<br>to Mar. 28.                        |

| (1)<br>No.   | (2)<br>Name and Location                                 | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                      | (8)<br>Remarks                                     |
|--|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE ST. CLAIR</b>                                    |  |                                 |                       |               |              |   |  |
| <b>LAKE ST. CLAIR (Charts 14850, 14853)</b>              |  |                                 |                       |               |              |   |  |
| <b>Lake St. Clair</b>                                    |  |                                 |                       |               |              |   |  |
| <i>Lighted buoys maintained from Mar. 28 to Dec. 21.</i> |  |                                 |                       |               |              |   |  |
| 8605   | PIER LIGHT X35 (C)<br>190 feet outside channel<br>limit. |                                 | FI G 4s               | 33<br>10      |              | White circular<br>tower with green<br>top.            |  |
| 8610   | PIER LIGHT X36 (C)<br>190 feet outside channel<br>limit. |                                 | FI R 4s               | 26<br>8       |              | White square tower<br>with red stripes on<br>corners. |  |
| 8615   | PIER LIGHT X39 (C)                                       |                                 | FI G 4s               | 29<br>9       |              | White square tower<br>with green top.                 |  |
| 8620   | PIER LIGHT X40 (C)<br>190 feet outside channel<br>limit. |                                 | FI R 4s               | 26<br>8       |              | White square tower<br>with red stripes on<br>corners. |  |
| 8625   | PIER LIGHT X43 (C)                                       | 42-32-24.000N<br>082-37-30.000W | FI G 4s               | 24<br>7       |              | White square tower<br>with green top.                 |  |
| 8630   | PIER LIGHT X44 (C)<br>190 feet outside channel<br>limit. | 42-32-12.000N<br>082-37-24.000W | FI R 4s               | 24<br>7       |              | White square tower<br>with red stripes on<br>corners. |  |
| 8635   | PIER LIGHT X47 (C)                                       | 42-32-48.000N<br>082-36-18.000W | FI G 4s               | 29<br>9       |              | White square tower<br>with green top.                 |  |
| 8640   | PIER LIGHT X48 (C)<br>190 feet outside channel<br>limit. | 42-32-42.000N<br>082-36-12.000W | FI R 4s               | 24<br>7       |              | White square tower<br>with red stripes on<br>corners. |  |
| <b>St. Clair Cut-Off Channel</b>                         |  |                                 |                       |               |              |   |  |
| 8645   | HARSENS ISLAND LIGHT 11                                  | 42-32-59.000N<br>082-35-55.000W | FI G 4s               | 26<br>8       | 4            | SG on white<br>cylindrical tower.                     |  |
| <b>Lake St. Clair</b>                                    |  |                                 |                       |               |              |   |  |
| <i>Lighted buoys maintained from Mar. 28 to Dec. 21.</i> |  |                                 |                       |               |              |   |  |
| 8650   | <i>Lighted Buoy X50 (C)</i>                              | 42-32-54.000N<br>082-35-30.000W | FI R 4s               |               |              | Red.  |  |
| <b>St. Clair Cut-Off Channel</b>                         |  |                                 |                       |               |              |   |  |
| 8655   | - <i>Lighted Buoy 13</i>                                 | 42-33-05.126N<br>082-35-27.163W | FI G 2.5s             |               | 4            | Green.  | Maintained from Mar. 28 to Dec. 21.                |
| <b>Lake St. Clair</b>                                    |  |                                 |                       |               |              |   |  |
| <i>Lighted buoys maintained from Mar. 28 to Dec. 21.</i> |  |                                 |                       |               |              |   |  |
| 8660   | <i>Lighted Buoy A14 (C)</i>                              | 42-33-06.000N<br>082-35-12.000W | FI R 4s               |               |              | Red.  | Seasonal.  |
| <b>Grosse Point</b>                                      |  |                                 |                       |               |              |   |  |
| 8665   | - MUNICIPAL PIER<br>NORTHEAST LIGHT                      | 42-22-50.000N<br>082-54-13.000W | F Y                   | 18<br>5       |              | On post.  | Maintained from Apr. 15 to Nov. 1.<br>Private aid. |
| 8666   | - MUNICIPLE PIER<br>SOUTHWEST LIGHT                      | 42-22-49.000N<br>082-54-16.000W | F Y                   | 18<br>5       |              | On Post.  | Maintained from Apr. 15 to Nov. 1.<br>Private aid. |
| 8667   | - <i>Lighted Entrance Buoy 1</i>                         | 42-22-44.000N<br>082-54-13.500W | FI G 4s               |               |              | Green.  | Maintained from Apr. 15 to Nov. 1.<br>Private aid. |
| 8668   | - <i>Lighted Entrance Buoy 2</i>                         | 42-22-44.500N<br>082-54-13.000W | FI R 4s               |               |              | Red.  | Maintained from Apr. 15 to Nov. 1.<br>Private aid. |
| 8669   | - <i>Lighted Channel Buoy 3</i>                          | 42-22-46.500N<br>082-54-15.000W | FI G 4s               |               |              | Green.  | Maintained from Apr. 15 to Nov. 1.<br>Private aid. |
| 8670   | - <i>Lighted Channel Buoy 4</i>                          | 42-22-47.000N<br>082-54-14.000W | FI R 4s               |               |              | Red.  | Maintained from Apr. 15 to Nov. 1.<br>Private aid. |
| 8675   | - MUNICIPAL PIER<br>SOUTHWEST ENTRANCE<br>LIGHT 5        | 42-22-50.000N<br>082-54-16.500W | FI G 4s               | 16<br>5       |              | On post.  | Maintained from Apr. 15 to Nov. 1.<br>Private aid. |
| 8680   | - MUNICIPAL PIER<br>SOUTHWEST ENTRANCE<br>LIGHT 6        | 42-22-49.750N<br>082-54-16.500W | FI R 4s               | 16<br>5       |              | On post.  | Maintained from Apr. 15 to Nov. 1.<br>Private aid. |

| (1)<br>No.                                  | (2)<br>Name and Location                          | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                    | (8)<br>Remarks                                     |
|---|---|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE ST. CLAIR</b>                       |   |                                 |                       |               |              |   |  |
| <b>LAKE ST. CLAIR (Charts 14850, 14853)</b> |   |                                 |                       |               |              |   |  |
| <b>Lake St. Clair</b>                       |   |                                 |                       |               |              |   |  |
| <b>Grosse Point</b>                         |   |                                 |                       |               |              |   |  |
| 8685  | - MUNICIPAL PIER<br>NORTHWEST ENTRANCE<br>LIGHT 7 | 42-22-53.000N<br>082-54-19.000W | FI G 4s               | 16<br>5       |              | On post.  | Maintained from Apr. 15 to Nov. 1.<br>Private aid. |
| 8690  | - MUNICIPAL PIER<br>NORTHWEST ENTRANCE<br>LIGHT 8 | 42-22-52.500N<br>082-54-15.000W | FI R 4s               | 16<br>5       |              | On post.  | Maintained from Apr. 15 to Nov. 1.<br>Private aid. |
| 8695  | - CLUB HARBOR<br>ENTRANCE WEST LIGHT              | 42-22-57.500N<br>082-53-49.000W | F G                   | 10<br>3       |              | On post.  | Private aid.                                       |
| 8700  | - CLUB HARBOR<br>ENTRANCE EAST LIGHT              | 42-22-57.500N<br>082-53-48.000W | F R                   | 10<br>3       |              | On post.  | Private aid.                                       |
| 8705  | - CLUB DOCK SOUTH LIGHT                           | 42-23-00.000N<br>082-53-46.000W | F G                   | 15<br>5       |              | On post.  | Private aid.                                       |
| 8710  | - CLUB DOCK NORTH<br>LIGHT                        | 42-22-58.500N<br>082-53-42.000W | F G                   | 15<br>5       |              | On post.  | Private aid.                                       |
| <b>Crescent Sail Yacht Club</b>             |   |                                 |                       |               |              |   |  |
| 8725  | - WEST LIGHT                                      | 42-24-04.490N<br>082-53-06.000W | F G                   | 10<br>3       |              | SG on pile.   | Private aid.                                       |
| 8730  | - EAST LIGHT                                      | 42-24-04.620N<br>082-53-05.310W | F R                   | 9<br>3        |              | TR on pile.   | Private aid.                                       |
| 8735  | - BREAKWATER SOUTH<br>LIGHT                       | 42-24-06.600N<br>082-53-02.700W | Q W                   | 25<br>8       |              | NW on white pile<br>cluster.                        | Visible 180° through 020°.<br>Private aid.         |
| 8740  | - BREAKWATER NORTH<br>LIGHT                       | 42-24-07.200N<br>082-53-02.000W | Q W                   | 25<br>8       |              | NW on white pile<br>cluster.                        | Visible 195° through 030°.<br>Private aid.         |
| <b>Grosse Point</b>                         |   |                                 |                       |               |              |   |  |
| 8745  | MUNICIPAL PIER SOUTH<br>BASIN LIGHT               | 42-24-17.600N<br>082-53-00.700W | F R                   | 10<br>3       |              | TR on post.   | Maintained from Apr. 1 to Dec. 1.<br>Private aid.  |
| 8747  | - Farms Buoy 1                                    | 42-24-15.784N<br>082-52-58.791W |                       |               |              | Green can.  | Maintained from MAY 1. to NOV. 1<br>Private aid.   |
| 8748  | - Farms Buoy 2                                    | 42-24-20.992N<br>082-52-58.544W |                       |               |              | Red nun.  | Maintained from MAY 1. to NOV. 1.<br>Private aid.  |
| 8749  | - Farms Buoy 3                                    | 42-24-17.553N<br>082-53-01.728W |                       |               |              | Green can.  | Maintained from MAY 1. to NOV. 1<br>Private aid.   |
| 8750  | - FARMS LIGHT 4                                   | 42-24-18.245N<br>082-53-01.214W | F R                   | 15<br>5       |              | TR on post.   | Maintained from May. 1 to Nov. 1.<br>Private aid.  |
| 8752  | - FARMS LIGHT 5                                   | 42-24-17.580N<br>082-53-00.068W | F G                   | 6<br>2        |              | SG on post.   | Maintained from May. 1 to Nov. 1.<br>Private aid.  |
| 8755  | - YACHT CLUB LIGHT                                | 42-26-06.000N<br>082-52-21.000W | FI G 2.5s             | 65<br>20      |              | Square skeleton<br>tower with building<br>attached. | Private aid.                                       |
| 8756  | - E YACHT CLUB NORTH<br>BREAKWATER LIGHT          | 42-26-08.110N<br>082-52-07.280W | FI Y 4s               |               |              |   | Private aid.                                       |
| 8757  | - E YACHT CLUB CENTER<br>BREAKWATER LIGHT         | 42-26-05.730N<br>082-52-07.630W | FI Y 4s               |               |              |   | Private aid.                                       |
| 8758  | - E YACHT CLUB SOUTH<br>BREAKWATER LIGHT          | 42-26-03.590N<br>082-52-09.090W | FI Y 4s               |               |              |   | Private aid.                                       |
| 8760  | - YACHT CLUB OUTER<br>BREAKWATER LIGHT B          | 42-26-00.000N<br>082-52-13.000W | F R                   | 8<br>2        |              |   | Private aid.                                       |
| 8765  | - YACHT CLUB OUTER<br>BREAKWATER LIGHT C          | 42-26-00.000N<br>082-52-16.000W | F R                   | 8<br>2        |              | On pile.  | Private aid.                                       |
| 8770  | - YACHT CLUB OUTER<br>BREAKWATER LIGHT D          | 42-26-00.000N<br>082-52-17.000W | F G                   | 8<br>2        |              |   | Private aid.                                       |
| 8775  | - YACHT CLUB OUTER<br>BREAKWATER LIGHT E          | 42-26-00.000N<br>082-52-20.000W | F R                   | 8<br>2        |              | On pile.  | Private aid.                                       |
| 8780  | - YACHT CLUB OUTER<br>BREAKWATER LIGHT F          | 42-26-02.000N<br>082-52-25.000W | F R                   | 8<br>2        |              |   | Private aid.                                       |

| (1)<br>No.                                     | (2)<br>Name and Location                   | (3)<br>Position                 | (4)<br>Characteristic                                 | (5)<br>Height | (6)<br>Range | (7)<br>Structure     | (8)<br>Remarks  |
|--|--|---------------------------------|---|---------------|--------------|----------------------|---|
| <b>LAKE ST. CLAIR</b>                          |  |                                 |   |               |              |                      |   |
| <b>LAKE ST. CLAIR (Charts 14850, 14853)</b>    |  |                                 |   |               |              |                      |   |
| <b>Lake St. Clair</b>                          |  |                                 |   |               |              |                      |   |
| <b>Milk River Channel</b>                      |  |                                 |   |               |              |                      |   |
| <i>Buoys maintained from May 1 to Nov. 1</i>   |  |                                 |   |               |              |                      |   |
| 8785   | - DRAIN LIGHT 1                            | 42-27-36.000N<br>082-52-21.000W | Fl W 4s   | 8<br>2        |              | Black.               | Maintained from Apr. 20 to Nov. 20.<br>Private aid.     |
| 8790   | - Lighted Buoy 1                           | 42-27-36.500N<br>082-52-17.500W | Q G   |               |              | Green.               | Private aid.  |
| 8795   | - Lighted Buoy 2                           | 42-27-37.100N<br>082-52-17.000W | Q R   |               |              | Red.                 | Private aid.  |
| 8800   | - Buoy 3                                   | 42-27-36.800N<br>082-52-21.200W |   |               |              | Green can.           | Private aid.  |
| 8805   | - Buoy 4                                   | 42-27-37.700N<br>082-52-21.000W |   |               |              | Red nun.             | Private aid.  |
| 8810   | - Buoy 5                                   | 42-27-36.800N<br>082-52-25.000W |   |               |              | Green can.           | Private aid.  |
| 8815   | - Buoy 6                                   | 42-27-38.000N<br>082-52-25.500W |   |               |              | Red nun.             | Private aid.  |
| 8820   | - Buoy 7                                   | 42-27-37.000N<br>082-52-29.500W |   |               |              | Green can.           | Private aid.  |
| 8825   | - Buoy 8                                   | 42-27-38.000N<br>082-52-29.200W |   |               |              | Red nun.             | Private aid.  |
| <b>LAKE ST. CLAIR (Charts 14850, 14853)</b>    |  |                                 |   |               |              |                      |   |
| 8850   | <i>Gaukler Shoal Lighted Buoy 1</i>        | 42-27-41.785N<br>082-51-39.208W | Fl G 4s   |               | 3            | Green.               | Maintained from Apr. 21 to Nov. 14.                     |
| 8855   | <i>Gaukler Shoal Junction Lighted Buoy</i> | 42-28-32.021N<br>082-51-30.314W | Fl (2+1)G 6s  |               | 3            | Green and red bands. | Maintained from Apr. 21 to Nov. 14.                     |
| 8875   | MILLER MEMORIAL LIGHT                      | 42-27-49.500N<br>082-52-45.000W | Al WR 10s<br>0.2s W fl 4.8s ec.<br>0.2s R fl 4.8s ec. | 270<br>82     |              |                      | Maintained from Apr. 15 to Dec. 1.<br>Private aid.      |
| 8880   | St. Clair Shores Breakwater Day beacon 1   | 42-28-21.761N<br>082-52-42.781W |   |               |              | SG on pile.          |   |
| 8885   | ST. CLAIR SHORES BREAKWATER LIGHT 2        | 42-28-22.265N<br>082-52-42.607W | Fl R 4s   | 16<br>5       | 5            | TR on pile.          |   |
| 8890   | MARTIN DRAIN OUTER LIGHT                   | 42-28-57.500N<br>082-52-47.800W | Fl W 2.5s   | 12<br>4       |              | NW on post.          | Maintained from Mar. 15 to Dec. 15.<br>Private aid.     |
| 8891   | <i>Masonic Country Club Lighted Buoy</i>   | 42-31-28.440N<br>082-52-04.980W | Fl Y 4s   |               |              |                      | Maintained from Apr. 15 to November 15.<br>Private aid. |
| <b>St. Clair Municipal Park Entrance</b>       |  |                                 |   |               |              |                      |   |
| <i>Buoys maintained from Apr. 1 to Nov. 1.</i> |  |                                 |   |               |              |                      |   |
| 8905   | - Buoy 1                                   | 42-29-44.000N<br>082-52-41.000W |   |               |              | Green can.           | Private aid.  |
| 8910   | - Buoy 2                                   | 42-29-46.000N<br>082-52-42.000W |   |               |              | Red nun.             | Private aid.  |
| 8915   | - Buoy 3                                   | 42-29-44.000N<br>082-52-48.000W |   |               |              | Green can.           | Private aid.  |
| 8920   | - Buoy 4                                   | 42-29-46.000N<br>082-52-49.000W |   |               |              | Red nun.             | Private aid.  |
| 8921   | Point Rosa West Channel Entrance Buoy 1    | 43-34-06.870N<br>082-49-05.290W |   |               |              | Green can.           | Private aid.  |
| 8921.1   | Point Rosa West Channel Entrance Buoy 2    | 42-34-06.900N<br>082-49-04.490W |   |               |              | Red nun.             | Private aid.  |
| 8921.2   | Point Rosa West Channel Entrance Buoy 3    | 42-34-08.110N<br>082-49-05.230W |   |               |              | Green can.           | Private aid.  |
| 8921.3   | Point Rosa West Channel Entrance Buoy 4    | 42-34-08.130N<br>082-49-04.430W |   |               |              | Red nun.             | Private aid.  |
| 8921.4   | Point Rosa West Channel Entrance Buoy 5    | 42-34-09.340N<br>082-49-05.160W |   |               |              | Green can.           | Private aid.  |
| 8921.5   | Point Rosa West Channel Entrance Buoy 6    | 42-34-09.360N<br>082-49-04.370W |   |               |              | Red nun.             | Private aid.  |

| (1)<br>No.                                     | (2)<br>Name and Location                                 | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure        | (8)<br>Remarks                                    |
|--|--|---------------------------------|-----------------------|---------------|--------------|-------------------------|---|
| <b>LAKE ST. CLAIR</b>                          |  |                                 |                       |               |              |                         |   |
| <b>LAKE ST. CLAIR (Charts 14850, 14853)</b>    |  |                                 |                       |               |              |                         |   |
| <b>St. Clair Municipal Park Entrance</b>       |  |                                 |                       |               |              |                         |   |
| <i>Buoys maintained from Apr. 1 to Nov. 1.</i> |  |                                 |                       |               |              |                         |   |
| 8921.6   | Point Rosa West Channel<br>Entrance Buoy 7               | 42-34-10.580N<br>082-49-05.100W |                       |               |              | Green can.              | Private aid.                                      |
| 8921.7   | Point Rosa West Channel<br>Entrance Buoy 8               | 42-34-10.600N<br>082-49-04.300W |                       |               |              | Red nun.                | Private aid.                                      |
| 8922   | Point Rosa East Channel<br>Entrance Buoy 1               | 42-34-06.470N<br>082-48-48.790W |                       |               |              | Green can.              | Private aid.                                      |
| 8922.1   | Point Rosa East Channel<br>Entrance Buoy 2               | 42-34-06.490N<br>082-48-47.990W |                       |               |              | Red nun.                | Private aid.                                      |
| 8922.2   | Point Rosa East Channel<br>Entrance Buoy 3               | 42-34-07.700N<br>082-48-48.730W |                       |               |              | Green can.              | Private aid.                                      |
| 8922.3   | Point Rosa East Channel<br>Entrance Buoy 4               | 42-34-07.720N<br>082-48-47.930W |                       |               |              | Red nun.                | Private aid.                                      |
| 8922.4   | Point Rosa East Channel<br>Entrance Buoy 5               | 42-34-08.930N<br>082-48-48.660W |                       |               |              | Green can.              | Private aid.                                      |
| 8922.5   | Point Rosa East Channel<br>Entrance Buoy 6               | 42-34-08.950N<br>082-48-47.880W |                       |               |              | Red nun.                | Private aid.                                      |
| 8922.6   | Point Rosa East Channel<br>Entrance Buoy 7               | 42-34-10.170N<br>082-48-48.600W |                       |               |              | Green can.              | Private aid.                                      |
| 8922.7   | Point Rosa East Channel<br>Entrance Buoy 8               | 42-34-10.190N<br>082-48-47.800W |                       |               |              | Red nun.                | Private aid.                                      |
| 8925   | <i>Point Huron Lighted Buoy 1PH</i>                      | 42-33-12.306N<br>082-44-51.534W | FI G 2.5s             |               | 3            | Green.                  | Maintained from Apr. 14 to Nov. 01.               |
| 8926   | <i>Harbor Club South Lighted Buoy 2</i>                  | 42-33-28.800N<br>082-50-37.300W | Q R                   |               |              | Red.                    | Maintained from 1 Apr. to 15 Nov.<br>Private aid. |
| 8926.1   | Harbor Club South Unlighted Buoy 4                       | 42-33-31.800N<br>082-50-37.700W |                       |               |              | Red nun.                | Maintained from 1 Apr. to 15 Nov.<br>Private aid. |
| 8926.2   | <i>Harbor Club South Lighted Buoy 6</i>                  | 42-33-33.700N<br>082-50-38.000W | FI R 4s               |               |              | Red.                    | Maintained from 1 Apr. to 15 Nov.<br>Private aid. |
| <b>Black Creek</b>                             |  |                                 |                       |               |              |                         |   |
| 8930   | - RANGE FRONT LIGHT                                      | 42-34-03.200N<br>087-47-05.000W | FI G 4s               | 20<br>6       |              | White diamond day mark. | Maintained from Apr. 1 to Nov. 1.<br>Private aid. |
| 8935   | - RANGE REAR LIGHT<br>336 feet, 297.3° from front light. | 42-34-06.200N<br>082-47-10.300W | F G                   | 40<br>12      |              | White diamond day mark. | Maintained from Apr. 1 to Nov. 1.<br>Private aid. |
| 8940   | - <i>Lighted Buoy 1</i>                                  | 42-33-53.800N<br>082-46-43.600W | FI G 4s               |               |              | Green.                  | Maintained from Apr. 1 to Nov. 1.<br>Private aid. |
| 8945   | - <i>Lighted Buoy 2</i>                                  | 42-33-55.700N<br>082-46-42.500W | FI R 4s               |               |              | Red.                    | Maintained from Apr. 1 to Nov. 1.<br>Private aid. |
| 8950   | - Buoy 3   | 42-33-56.000N<br>082-46-48.300W |                       |               |              | Green can.              | Maintained from Apr. 1 to Nov. 1.<br>Private aid. |
| 8955   | - Buoy 4   | 42-33-57.500N<br>082-46-47.000W |                       |               |              | Red nun.                | Maintained from Apr. 1 to Nov. 1.<br>Private aid. |
| 8960   | - Buoy 5   | 42-33-57.500N<br>082-46-53.000W |                       |               |              | Green can.              | Maintained from Apr. 1 to Nov. 1.<br>Private aid. |
| 8965   | - Buoy 6   | 42-33-59.500N<br>082-46-52.000W |                       |               |              | Red nun.                | Maintained from Apr. 1 to Nov. 1.<br>Private aid. |
| 8970   | HURON POINTE YACHT CLUB BREAKWALL LIGHT                  | 42-35-36.000N<br>082-46-51.000W | Q R                   | 15<br>5       |              | On post.                | Maintained from Apr. 1 to Nov. 1.<br>Private aid. |

| (1)<br>No.                                      | (2)<br>Name and Location                  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                         | (8)<br>Remarks |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|----------------|
| <b>LAKE ST. CLAIR</b>                           |   |                                 |                       |               |              |  |                |
| <b>LAKE ST. CLAIR (Charts 14850, 14853)</b>     |   |                                 |                       |               |              |  |                |
| <b>Harbor Club North Entrance</b>               |   |                                 |                       |               |              |  |                |
| <i>Buoys maintained from Apr. 1 to Nov. 30.</i> |   |                                 |                       |               |              |  |                |
| 8971  | - Lighted Buoy 1                          | 42-34-05.000N<br>082-49-22.500W | FI G 2s               |               |              | Green.                                   | Private aid.   |
| 8971.5  | - Lighted Buoy 2                          | 42-34-05.000N<br>082-49-20.000W | FI R 2s               |               |              | Red.                                     | Private aid.   |
| 8972  | - Buoy 3                                  | 42-34-07.000N<br>082-49-22.500W |                       |               |              | Green can.                               | Private aid.   |
| 8972.5  | - Buoy 4                                  | 42-34-07.000N<br>082-49-20.000W |                       |               |              | Red nun.                                 | Private aid.   |
| 8973  | - Buoy 5                                  | 42-34-09.800N<br>082-49-22.500W |                       |               |              | Green can.                               | Private aid.   |
| 8973.5  | - Buoy 6                                  | 42-34-09.800N<br>082-49-20.000W |                       |               |              | Red nun.                                 | Private aid.   |
| <b>Clinton River</b>                            |   |                                 |                       |               |              |  |                |
| <i>Buoys maintained from Apr. 21 to Nov. 1.</i> |   |                                 |                       |               |              |  |                |
| 8975  | - Entrance Lighted Buoy CR                | 42-35-38.663N<br>082-44-43.420W | Mo (A) W              |               | 3            | Red and white stripes.                   |                |
| 8980  | - Entrance Lighted Buoy 1                 | 42-35-36.593N<br>082-45-44.202W | FI G 4s               |               | 3            | Green.                                   |                |
| 8985  | - Entrance Lighted Buoy 2                 | 42-35-39.703N<br>082-45-43.683W | FI R 4s               |               | 4            | Red.                                     |                |
| 8990  | - Entrance Buoy 3                         | 42-35-37.279N<br>082-45-52.944W |                       |               |              | Green can.                               |                |
| 8995  | - Entrance Buoy 4                         | 42-35-39.547N<br>082-45-52.398W |                       |               |              | Red nun.                                 |                |
| 9000  | - Entrance Buoy 5                         | 42-35-38.324N<br>082-46-01.593W |                       |               |              | Green can.                               |                |
| 9005  | - Entrance Buoy 6                         | 42-35-39.931N<br>082-46-00.810W |                       |               |              | Red nun.                                 |                |
| 9015  | - NORTH BREAKWATER LIGHT                  | 42-35-41.600N<br>082-46-12.500W | FI R 2.5s             | 26<br>8       | 4            | TR on post.                              |                |
| 9020  | - SOUTH BREAKWATER LIGHT                  | 42-35-38.200N<br>082-46-10.200W | FI G 4s               | 35<br>11      | 5            | SG on green and white cylindrical tower. |                |
| 9030  | MACOMB COUNTY SHERIFF LOOKOUT TOWER LIGHT | 42-35-34.200N<br>082-46-21.000W | FI Y 4s               | 46<br>14      |              | Lookout tower.                           | Private aid.   |
| 9035  | - INNER LIGHT                             | 42-35-42.561N<br>082-46-32.540W | FI R 4s               | 25<br>8       | 5            | TR on post.                              |                |
| <b>Island Cove Marina</b>                       |   |                                 |                       |               |              |  |                |
| 9038  | - Entrance Lighted Buoy 1                 | 42-36-07.440N<br>082-46-59.760W | FI G 4s               |               |              | Green.                                   | Private aid.   |
| 9039  | - Entrance Lighted Buoy 2                 | 42-36-09.360N<br>082-47-01.080W | FI R 4s               |               |              | Red.                                     | Private aid.   |
| 9040  | - Entrance Lighted Buoy 3                 | 42-36-04.260N<br>082-47-06.720W | FI G 4s               |               |              | Green.                                   | Private aid.   |
| 9041  | - Entrance Lighted Buoy 4                 | 42-36-05.280N<br>082-47-07.440W | FI R 4s               |               |              | Red.                                     | Private aid.   |
| 9042  | - Entrance Lighted Buoy 5                 | 42-36-00.480N<br>082-47-15.120W | FI G 4s               |               |              | Green.                                   | Private aid.   |
| 9043  | - Entrance Lighted Buoy 6                 | 42-36-00.540N<br>082-47-17.280W | FI R 4s               |               |              | Red.                                     | Private aid.   |
| 9044  | - Entrance Lighted Buoy 7                 | 42-35-57.960N<br>082-47-17.040W | FI G 4s               |               |              | Green.                                   | Private aid.   |
| 9045  | - Entrance Lighted Buoy 8                 | 42-35-57.900N<br>082-47-18.600W | FI R 4s               |               |              | Red.                                     | Private aid.   |
| 9046  | - Entrance Lighted Buoy 9                 | 42-35-55.000N<br>082-47-17.000W | FI G 4s               |               |              | Green                                    | Private aid.   |
| 9047  | - Entrance Lighted Buoy 10                | 42-35-55.000N<br>082-47-19.000W | FI R 4s               |               |              | Red.                                     | Private aid.   |
| 9048  | - Entrance Lighted Buoy 11                | 42-35-51.000N<br>082-47-18.000W | FI G 4s               |               |              | Green.                                   | Private aid.   |
| 9049  | - Entrance Lighted Buoy 12                | 42-35-51.000N<br>082-47-19.000W | FI R 4s               |               |              | Red.                                     | Private aid.   |



| (1)<br>No.   | (2)<br>Name and Location                                 | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks                                   |
|--|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE ST. CLAIR</b>                                      |  |                                 |                       |               |              |   |  |
| <b>LAKE ST. CLAIR (Charts 14850, 14853)</b>                |  |                                 |                       |               |              |   |  |
| <b>Belle Maer Marina</b>                                   |  |                                 |                       |               |              |   |  |
| <i>Aids to navigation maintained from May 1 to Nov. 1.</i> |  |                                 |                       |               |              |   |  |
| 9070   | - RANGE FRONT LIGHT                                      | 43-36-16.500N<br>082-47-38.800W | F G                   | 15<br>5       |              | White diamond shaped day mark with red and black in center on post. | Private aid.                                     |
| 9075   | - RANGE REAR LIGHT<br>450 feet, 203.5° from front light. | 42-36-12.300N<br>082-47-42.400W | F G                   | 25<br>8       |              | White diamond shaped day mark with red and black in center on post. | Private aid.                                     |
| 9080   | - Lighted Buoy 1   | 42-36-32.500N<br>082-47-28.800W | FI G 4s               |               |              | Green.  | Private aid.                                     |
| 9085   | - Lighted Buoy 2   | 42-36-32.500N<br>082-47-30.500W | FI R 4s               |               |              | Red.  | Private aid.                                     |
| 9090   | - Buoy 3   | 42-36-25.800N<br>082-47-32.500W |                       |               |              | Green can.  | Private aid.                                     |
| 9095   | - Buoy 4   | 42-36-25.800N<br>082-47-34.000W |                       |               |              | Red nun.  | Private aid.                                     |
| <b>Macray East Harbor Entrance</b>                         |  |                                 |                       |               |              |   |  |
| <i>Buoys maintained from Apr. 15 to Nov. 15.</i>           |  |                                 |                       |               |              |   |  |
| 9100   | - Lighted Buoy 1   | 42-36-32.500N<br>082-47-52.500W | FI G 2.5s             |               |              | Green.  | Private aid.                                     |
| 9105   | - Buoy 2   | 42-36-32.900N<br>082-47-55.000W |                       |               |              | Red nun.  | Private aid.                                     |
| 9110   | - Buoy 3   | 42-36-27.500N<br>082-47-55.500W |                       |               |              | Green can.  | Private aid.                                     |
| 9115   | - Buoy 4   | 42-36-28.300N<br>082-47-56.500W |                       |               |              | Red nun.  | Private aid.                                     |
| <b>Macray West Harbor Entrance</b>                         |  |                                 |                       |               |              |   |  |
| <i>Buoys maintained from Apr. 15 to Nov. 15.</i>           |  |                                 |                       |               |              |   |  |
| 9120   | - Lighted Buoy 1   | 42-36-39.000N<br>082-48-09.500W |                       |               |              | Green.  | Private aid.                                     |
| 9125   | - Buoy 2   | 42-36-40.000N<br>082-48-12.300W |                       |               |              | Red nun.  | Private aid.                                     |
| 9130   | - Buoy 3   | 42-36-35.000N<br>082-48-12.500W |                       |               |              | Green can.  | Private aid.                                     |
| 9135   | - Buoy 4   | 42-36-36.000N<br>082-48-14.200W |                       |               |              | Red nun.  | Private aid.                                     |
| <b>Selfridge Field</b>                                     |  |                                 |                       |               |              |   |  |
| 9140   | - SOUTHEAST<br>BREAKWATER LIGHT                          | 42-36-36.000N<br>082-48-48.000W | FI Y 6s               | 11<br>3       | 5            | On post.  |  |
| 9150   | - NORTHWEST<br>BREAKWATER LIGHT                          | 42-36-42.000N<br>082-48-54.000W | FI Y 6s               | 11<br>3       | 5            | On post.  |  |
| <b>Selfridge Launch Facility</b>                           |  |                                 |                       |               |              |   |  |
| 9162   | SELFRIDGE MARINA SOUTH<br>BREAKWALL LIGHT 1              | 42-36-57.900N<br>082-49-06.000W | FI G 4s               | 20<br>6       | 5            | SG on pile.   |  |
| 9163   | SELFRIDGE MARINA NORTH<br>BREAKWATER LIGHT 2             | 42-36-59.000N<br>082-49-06.000W | FI R 4s               | 20<br>6       | 4            | TR on pile.   |  |
| 9165   | - Buoy 1   | 42-37-04.800N<br>082-49-00.600W |                       |               |              | Green can.  | Private aid.                                     |
| 9170   | - Buoy 2   | 42-37-48.000N<br>082-49-06.000W |                       |               |              | Red cylinders.  | Private aid.                                     |
| 9175   | - Buoy 3   | 42-37-35.500N<br>082-49-05.000W |                       |               |              | Green can.  | Private aid.                                     |
| 9180   | - Buoy 4   | 42-37-48.000N<br>082-49-06.000W |                       |               |              | Red cylinders.  | Private aid.                                     |
| 9185   | - Buoy 5   | 42-37-35.500N<br>082-49-07.000W |                       |               |              | Green can.  | Private aid.                                     |
| 9190   | - Buoy 6   | 42-37-48.000N<br>082-49-06.000W |                       |               |              | Red cylinders.  | Private aid.                                     |
| 9195   | - ENTRANCE LIGHT 2                                       | 42-37-47.000N<br>082-49-00.000W | FI R 4s               | 28<br>9       |              | On breakwall.   | Maintained from May 1 to Nov. 1.<br>Private aid. |

| (1)<br>No.   | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                            | (8)<br>Remarks                                      |
|--|---|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE ST. CLAIR</b>  |   |                                 |                       |               |              |   |   |
| <b>LAKE ST. CLAIR (Charts 14850, 14853)</b>  |   |                                 |                       |               |              |   |   |
| <b>Selfridge Launch Facility</b>   |   |                                 |                       |               |              |   |   |
| 9200   | SALT RIVER RANGE FRONT LIGHT                                    | 42-39-16.000N<br>082-47-05.000W | F G                   | 16<br>5       |              | White day mark with orange diamond on pile. | Maintained from Jun. 15 to Nov. 15.<br>Private aid. |
| 9205   | SALT RIVER RANGE REAR LIGHT<br>295 feet, 018° from front light. | 42-39-18.300N<br>082-47-04.400W | F G                   | 26<br>8       |              | White day mark with orange diamond on pile. | Maintained from Jun. 15 to Nov. 15.<br>Private aid. |
| <b>Bouvier Bridge Marina Channel</b>   |   |                                 |                       |               |              |   |   |
| <i>Channel marked by 18 lighted and unlighted buoys maintained from Apr. 15 to Nov. 1.</i>                               |   |                                 |                       |               |              |   |   |
| 9259   | - Lighted Buoy 1  | 42-40-13.277N<br>082-38-03.190W | FI G 2.5s             |               |              | Green.                                      | Private aid.  |
| 9260   | - Lighted Buoy 2  | 42-40-11.734N<br>082-38-03.873W | FI R 2.5s             |               |              | Red.  | Private aid.  |
| 9265   | Fair Haven Entrance Lighted Buoy 1FH                            | 42-40-03.319N<br>082-38-29.587W | FI G 4s               |               | 3            | Green.                                      | Maintained from Apr. 14 to Nov. 1.                  |
| 9295   | CHATEAU MARINA LIGHT 1  | 42-41-13.000N<br>082-42-19.000W | F G                   | 8<br>2        |              | SG on pile.                                 | Maintained from Apr. 1 to Nov. 1.<br>Private aid.   |
| 9300   | CHATEAU MARINA LIGHT 2  | 42-41-12.100N<br>082-42-19.500W | F R                   | 8<br>2        |              | TR on pile.                                 | Maintained from Apr. 1 to Nov. 1.<br>Private aid.   |
| <b>ST. CLAIR RIVER (Chart 14852)</b>   |   |                                 |                       |               |              |   |   |
| <b>North Channel Entrance</b>  |   |                                 |                       |               |              |   |   |
| <i>Position of unlighted buoys frequently shifted with changing conditions. Buoys maintained from Apr. 21 to Nov. 1.</i> |   |                                 |                       |               |              |   |   |
| 9305   | - Lighted Buoy 2NC  | 42-37-32.500N<br>082-43-03.800W | FI R 4s               |               | 3            | Red.  |   |
| 9310   | - Buoy 3  | 42-37-50.084N<br>082-42-49.055W |                       |               |              | Green can.                                  |   |
| 9320   | - Buoy 5  | 42-38-04.500N<br>082-42-24.800W |                       |               |              | Green can.                                  |   |
| 9325   | - Buoy 6  | 42-38-03.077N<br>082-42-20.293W |                       |               |              | Red nun.                                    |   |
| 9327   | - Buoy 6A   | 42-38-14.785N<br>082-41-55.968W |                       |               |              | Red nun.                                    |   |
| 9330   | - Buoy 7  | 42-38-21.760N<br>082-41-52.591W |                       |               |              | Green can.                                  |   |
| 9335   | - Buoy 8  | 42-38-20.281N<br>082-41-51.024W |                       |               |              | Red nun.                                    |   |
| 9340   | - Buoy 9  | 42-38-28.099N<br>082-41-47.519W |                       |               |              | Green can.                                  |   |
| 9345   | - Buoy 10   | 42-38-26.727N<br>082-41-45.594W |                       |               |              | Red nun.                                    |   |
| 9347   | - Buoy 11   | 42-38-33.366N<br>082-41-40.260W |                       |               |              | Green can.                                  |   |
| 9350   | - Buoy 12   | 42-38-33.435N<br>082-41-31.992W |                       |               |              | Red nun.                                    |   |
| 9355   | - Lighted Buoy 13   | 42-38-37.191N<br>082-41-27.110W | FI G 4s               |               | 3            | Green.                                      |   |
| <b>ST. CLAIR RIVER (Chart 14852)</b>   |   |                                 |                       |               |              |   |   |
| <i>Buoys maintained from Apr. 21 to Nov. 1.</i>  |   |                                 |                       |               |              |   |   |
| 9360   | North Channel Buoy 14   | 42-38-34.005N<br>082-41-08.347W |                       |               |              | Red nun.                                    |   |
| 9365   | North Channel Buoy 15   | 42-38-39.420N<br>082-40-57.489W |                       |               |              | Green can.                                  |   |
| 9370   | North Channel Buoy 17   | 42-38-42.092N<br>082-40-25.167W |                       |               |              | Green can.                                  |   |
| 9375   | North Channel Buoy 18   | 42-38-33.308N<br>082-40-44.647W |                       |               |              | Red nun.                                    |   |
| 9380   | North Channel Buoy 19   | 42-38-39.533N<br>082-40-04.650W |                       |               |              | Green can.                                  |   |
| 9385   | North Channel Lighted Buoy 20                                   | 42-38-33.851N<br>082-40-09.302W | FI R 4s               |               | 3            | Red.  |   |
| 9387   | North Channel Buoy 22   | 42-38-26.800N<br>082-39-55.800W |                       |               |              | Red nun.                                    |   |

| (1)<br>No.   | (2)<br>Name and Location         | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                        | (8)<br>Remarks                                    |
|--|----------------------------------|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE ST. CLAIR</b>  |                                  |                                 |                       |               |              |   |   |
| <b>ST. CLAIR RIVER (Chart 14852)</b>   |                                  |                                 |                       |               |              |   |   |
| <i>Buoys maintained from Apr. 21 to Nov. 1.</i>  |                                  |                                 |                       |               |              |   |   |
| 9390   | BELVIDERE BOAT CLUB LIGHT        | 42-38-01.200N<br>082-39-29.000W | F R                   | 16<br>5       |              | Small house with red and white stripes. | Maintained from May 15 to Nov. 1.<br>Private aid. |
| 9395   | NORTH CHANNEL YACHT CLUB LIGHT 1 | 42-37-40.000N<br>082-38-52.300W | F G                   | 7<br>2        |              | On pile.                                | Maintained from Apr. 1 to Nov. 1.<br>Private aid. |
| 9400   | NORTH CHANNEL YACHT CLUB LIGHT 2 | 42-37-39.800N<br>082-38-53.800W | F R                   | 7<br>2        |              | On pile.                                | Maintained from Apr. 1 to Nov. 1.<br>Private aid. |
| <b>Sassy Marine</b>  |                                  |                                 |                       |               |              |   |   |
| <i>Aids maintained from Apr. 1 to Nov. 1.</i>  |                                  |                                 |                       |               |              |   |   |
| 9405   | - WEST ENTRANCE LIGHT 1          | 42-37-20.000N<br>082-37-09.000W | F G                   | 6<br>2        |              | On pile.                                | Private aid.                                      |
| 9410   | - WEST ENTRANCE LIGHT 2          | 42-37-21.000N<br>082-37-09.000W | F R                   | 8<br>2        |              | On pile.                                | Private aid.                                      |
| 9415   | - EAST ENTRANCE LIGHT 1          | 42-37-18.000N<br>082-37-04.000W | F G                   | 8<br>2        |              | On pile.                                | Private aid.                                      |
| 9420   | - EAST ENTRANCE LIGHT 2          | 42-37-16.000N<br>082-37-04.000W | F R                   | 7<br>2        |              | On pile.                                | Private aid.                                      |
| 9425   | Algonac Harbor Buoy 1            | 42-36-36.000N<br>082-32-54.000W |                       |               |              | Green spar.                             | Private aid.                                      |
| 9430   | Algonac Harbor Buoy 2            | 42-36-35.000N<br>082-32-53.100W |                       |               |              | Red spar.                               | Private aid.                                      |
| <b>Middle Channel Entrance</b>   |                                  |                                 |                       |               |              |   |   |
| <i>Position of unlighted buoys frequently shifted with changing conditions. Buoys maintained from Apr. 21 to Nov. 1.</i> |                                  |                                 |                       |               |              |   |   |
| 9435   | - Lighted Buoy 1MC               | 42-33-45.795N<br>082-43-57.613W | FI G 4s               |               | 3            | Green.                                  |   |
| 9440   | - Lighted Buoy 2                 | 42-33-50.270N<br>082-43-20.216W | FI R 4s               |               | 3            | Red.                                    |   |
| 9445   | - Buoy 3                         | 42-33-53.795N<br>082-43-18.142W |                       |               |              | Green can.                              |   |
| 9450   | - Buoy 4                         | 42-33-36.119N<br>082-43-06.287W |                       |               |              | Red nun.                                |   |
| 9455   | - Buoy 5                         | 42-33-39.037N<br>082-43-05.166W |                       |               |              | Green can.                              |   |
| <b>ST. CLAIR RIVER (Chart 14852)</b>   |                                  |                                 |                       |               |              |   |   |
| <i>Buoys maintained from Apr. 21 to Nov. 1.</i>  |                                  |                                 |                       |               |              |   |   |
| 9460   | Middle Channel Lighted Buoy 6    | 42-33-21.456N<br>082-42-47.504W | FI R 2.5s             |               | 3            | Red.                                    |   |
| 9465   | Middle Channel Buoy 7            | 42-33-27.615N<br>082-42-46.896W |                       |               |              | Green can.                              |   |
| 9470   | Middle Channel Buoy 8            | 42-33-18.921N<br>082-42-20.980W |                       |               |              | Red nun.                                |   |
| 9475   | Middle Channel Buoy 9            | 42-33-23.115N<br>082-42-20.587W |                       |               |              | Green can.                              |   |
| 9480   | Middle Channel Buoy 10           | 42-33-17.835N<br>082-41-54.948W |                       |               |              | Red nun.                                |   |
| 9485   | Middle Channel Buoy 11           | 42-33-23.021N<br>082-41-54.963W |                       |               |              | Green can.                              |   |
| 9490   | Middle Channel Lighted Buoy 12   | 42-33-20.145N<br>082-41-29.877W | FI R 4s               |               | 3            | Red.                                    |   |
| <b>Clinton River Boat Club</b>   |                                  |                                 |                       |               |              |   |   |
| <i>Aids maintained from May 1 to Nov. 1.</i>   |                                  |                                 |                       |               |              |   |   |
| 9495   | - South Entrance Buoy 4          | 42-33-33.800N<br>082-40-59.500W |                       |               |              | Red nun.                                | Private aid.                                      |
| 9500   | - South Entrance Buoy 3          | 42-33-35.000N<br>082-40-56.000W |                       |               |              | Green can.                              | Private aid.                                      |
| 9505   | - Entrance Buoy 2                | 42-33-48.000N<br>082-40-44.000W |                       |               |              | Red nun.                                | Private aid.                                      |
| 9510   | - Entrance Buoy 1                | 42-33-49.000N<br>082-40-42.500W |                       |               |              | Green can.                              | Private aid.                                      |

| (1)<br>No.   | (2)<br>Name and Location                          | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks                                    |
|--|---|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE ST. CLAIR</b>  |   |                                 |                       |               |              |   |   |
| <b>ST. CLAIR RIVER (Chart 14852)</b>   |   |                                 |                       |               |              |   |   |
| <i>Buoys maintained from Apr. 21 to Nov. 1.</i>  |   |                                 |                       |               |              |   |   |
| 9515   | Middle Channel Buoy 13                            | 42-34-28.124N<br>082-40-04.601W |                       |               |              | Green can.  |   |
| 9520   | Middle Channel Buoy 14                            | 42-35-05.730N<br>082-38-49.300W |                       |               |              | Red nun.  |   |
| 9525   | <i>Dickinson Island Junction<br/>Lighted Buoy</i> | 42-37-03.923N<br>082-35-01.372W | FI (2+1)R 6s          |               | 4            | Red and green bands.                                    |   |
| <b>St. Clair Flats Old Channel</b>   |   |                                 |                       |               |              |   |   |
| <i>Position of buoys frequently shifted with changing conditions. Buoys maintained from Apr. 21 to Nov. 1.</i> |   |                                 |                       |               |              |   |   |
| 9530   | - Lighted Buoy 2OC                                | 42-31-36.127N<br>082-42-41.875W | FI R 4s               |               | 3            | Red.  |   |
| 9535   | - Buoy 3  | 42-31-45.817N<br>082-42-39.876W |                       |               |              | Green can.  |   |
| 9540   | - Buoy 4  | 42-31-58.927N<br>082-42-07.675W |                       |               |              | Red nun.  |   |
| 9545   | - Buoy 6  | 42-32-10.927N<br>082-41-40.174W |                       |               |              | Red nun.  |   |
| 9550   | - LIGHT   | 42-32-16.370N<br>082-41-35.830W | FI W 4s               | 28<br>9       | 6            | Yellow tower on crib.                                   |   |
| 9560   | - Buoy 8  | 42-32-12.287N<br>082-41-27.284W |                       |               |              | Red nun.  |   |
| 9565   | - Buoy 10   | 42-32-11.254N<br>082-41-17.385W |                       |               |              | Red nun.  |   |
| <b>St. Clair Flats Canal</b>   |   |                                 |                       |               |              |   |   |
| 9570   | - Buoy 1  | 42-31-11.476N<br>082-41-18.738W |                       |               |              | Green can.  |   |
| 9575   | ST CLAIR FLATS DANGER LIGHT                       | 42-31-06.681N<br>082-41-12.020W | FI (2)W 5s            | 28<br>9       | 8            | NW on post marking submerged jetty worded DANGER ROCKS. |   |
| 9580   | - Buoy 5  | 42-31-37.788N<br>082-40-48.857W |                       |               |              | Green can.  |   |
| 9585   | - Lighted Buoy 4                                  | 42-31-17.045N<br>082-41-03.466W | FI R 2.5s             |               | 4            | Red.  | Maintained from Apr. 7 to Dec. 14.                |
| 9590   | - Lighted Buoy 7                                  | 42-32-05.107N<br>082-40-14.451W | FI G 4s               |               | 4            | Green.  | Maintained from Apr. 7 to Dec. 14.                |
| 9595   | OLD CLUB BREAKWATER LOWER LIGHT                   | 42-32-21.000N<br>082-39-59.500W | F W                   | 10<br>3       |              | On pile cluster.  | Private aid.                                      |
| 9600   | OLD CLUB BREAKWATER UPPER LIGHT                   | 42-32-28.100N<br>082-39-54.000W | F W                   | 10<br>3       |              | On pile cluster.  | Private aid.                                      |
| 9605   | MAYBURY HIGHWAY LIGHT 10 (C)                      | 42-33-18.000N<br>082-38-18.000W | FI R 4s               | 24<br>7       |              | White square tower with red top.                        |   |
| <b>Riverside Store</b>   |   |                                 |                       |               |              |   |   |
| <i>The following buoys are maintained from May 1 to Nov. 1.</i>  |   |                                 |                       |               |              |   |   |
| 9610   | - Buoy 1  | 42-33-28.500N<br>082-37-27.000W |                       |               |              | Green barrel.   | Private aid.                                      |
| 9615   | - Buoy 2  | 42-33-28.500N<br>082-37-25.700W |                       |               |              | Red barrel.   | Private aid.                                      |
| 9620   | - Buoy 3  | 42-33-30.000N<br>082-37-27.000W |                       |               |              | Green barrel.   | Private aid.                                      |
| 9625   | - Buoy 4  | 42-33-30.000N<br>082-37-25.800W |                       |               |              | Red barrel.   | Private aid.                                      |
| <b>ST. CLAIR RIVER (Chart 14852)</b>   |   |                                 |                       |               |              |   |   |
| <i>Buoys maintained from Apr. 21 to Nov. 1.</i>  |   |                                 |                       |               |              |   |   |
| 9630   | ST. CLAIR FLATS LIGHT 13                          | 42-33-28.200N<br>082-37-21.900W | F G                   | 24<br>7       | 6            | SG on post.   |   |
| 9635   | Schneider Marina Buoy 1                           | 42-33-20.600N<br>082-36-59.600W |                       |               |              | Green can.  | Maintained from May 15 to Nov. 1.<br>Private aid. |
| 9640   | Schneider Marina Buoy 2                           | 42-33-20.000N<br>082-36-58.500W |                       |               |              | Red barrel.   | Maintained from May 15 to Nov. 1.<br>Private aid. |

| (1)<br>No.                                      | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                      | (8)<br>Remarks   |
|---|---|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE ST. CLAIR</b>                           |   |                                 |                       |               |              |   |  |
| <b>ST. CLAIR RIVER (Chart 14852)</b>            |   |                                 |                       |               |              |   |  |
| <i>Buoys maintained from Apr. 21 to Nov. 1.</i> |   |                                 |                       |               |              |   |  |
| 9645  | SOUTHEAST BEND LIGHT 16<br>(C)  |                                 | FI R 4s               | 23<br>7       |              | White square tower<br>with red top.                   |  |
| 9650  | HARSENS ISLAND LIGHT 17   | 42-33-01.759N<br>082-36-28.979W | FI G 4s               | 27<br>8       | 4            | SG on pile.   |  |
| <b>ST. CLAIR RIVER</b>                          |   |                                 |                       |               |              |   |  |
| <b>ST. CLAIR RIVER (Chart 14852)</b>            |   |                                 |                       |               |              |   |  |
| 9655  | HARSENS ISLAND RANGE<br>FRONT LIGHT   | 42-34-20.622N<br>082-34-32.727W | F G                   | 27<br>8       |              | White cylindrical<br>tower.                           |  |
| 9660  | HARSENS ISLAND RANGE<br>REAR LIGHT<br>524 feet, 023.5° from front<br>light. | 42-34-25.407N<br>082-34-29.944W | F G                   | 38<br>12      |              | White cylindrical<br>tower.                           | Light visible 360°. Higher<br>intensity on range line. |
| 9665  | <i>South Channel Lighted Buoy<br/>15</i>                                    | 42-33-22.976N<br>082-35-09.313W | FI G 4s               |               | 4            | Green.  | Replaced by can from Dec. 21<br>to Apr. 1.             |
| 9670  | <i>South Channel Lighted Buoy<br/>16</i>                                    | 42-33-20.224N<br>082-35-01.965W | FI R 4s               |               | 4            | Red.  | Replaced by nun from Dec. 21<br>to Apr. 1.             |
| 9675  | <i>South Channel Lighted Buoy<br/>17</i>                                    | 42-33-54.335N<br>082-34-55.063W | FI G 4s               |               | 4            | Green.  |  |
| <b>South Channel</b>                            |   |                                 |                       |               |              |   |  |
| 9680  | LIGHT A20 (C)   | 42-33-48.000N<br>082-34-48.000W | Q R                   | 33<br>10      |              | White square tower<br>with red stripes on<br>corners. |  |
| 9685  | <i>Lighted Buoy A22 (C)</i>   |                                 | FI R 4s               |               |              | Red.  | Seasonal.  |
| <b>ST. CLAIR RIVER (Chart 14852)</b>            |   |                                 |                       |               |              |   |  |
| 9690  | GRANDE POINTE LIGHT 23  | 42-35-07.112N<br>082-33-23.546W | FI G 6s               | 28<br>9       | 7            | SG on dolphin.  |  |
| <b>South Channel</b>                            |   |                                 |                       |               |              |   |  |
| 9695  | <i>Lighted Buoy A24 (C)</i>   |                                 | FI R 4s               |               |              | Red.  | Seasonal.  |
| 9700  | ST. CLAIR RIVER LIGHT A26<br>(C)  | 42-35-30.000N<br>082-32-42.000W | Q R                   | 39<br>12      |              | White circular<br>tower with red top.                 |  |
| <b>ST. CLAIR RIVER (Chart 14852)</b>            |   |                                 |                       |               |              |   |  |
| 9705  | <i>Grande Pointe Lighted Buoy 27</i>  | 42-35-42.594N<br>082-32-43.503W | FI G 4s               |               | 4            | Green.  | Replaced by can from Dec. 21<br>to Apr. 1.             |
| 9710  | <i>Russell Island Lighted Buoy 29</i>                                       | 42-36-20.324N<br>082-31-41.563W | FI G 4s               |               | 4            | Green.  | Year round lighted buoy.                               |
| <b>South Channel</b>                            |   |                                 |                       |               |              |   |  |
| 9715  | <i>Walpole Island Lighted Buoy<br/>A30 (C)</i>                              | 42-36-12.000N<br>082-31-30.000W | FI R 4s               |               |              | Red.  | Seasonal.  |
| 9720  | <b>Walpole Island Light (C)</b>   | 42-36-18.000N<br>082-31-24.000W | F R                   | 30<br>9       | 10           | White circular<br>tower with red top.                 |  |
| <b>ST. CLAIR RIVER (Chart 14852)</b>            |   |                                 |                       |               |              |   |  |
| 9725  | RUSSELL ISLAND LIGHT  | 42-36-20.788N<br>082-31-45.229W | F G                   | 33<br>10      |              | SG on post.   | 360 Degree F G   |
| <b>South Channel</b>                            |   |                                 |                       |               |              |   |  |
| 9730  | <b>Walpole Island Lower Light<br/>A32 (C)</b>                               | 42-36-42.000N<br>082-31-06.000W | Iso R 4s              | 18<br>5       | 12           | White square tower<br>with red top.                   |  |
| <b>ST. CLAIR RIVER (Chart 14852)</b>            |   |                                 |                       |               |              |   |  |
| 9735  | RUSSELL ISLAND LIGHT 33   | 42-36-48.673N<br>082-31-17.726W | FI G 2.5s             | 26<br>8       | 7            | SG on post.   |  |
| <b>South Channel</b>                            |   |                                 |                       |               |              |   |  |
| 9740  | WALPOLE ISLAND FERRY<br>BREAKWATER LIGHT (C)                                | 42-36-54.000N<br>082-30-54.000W | FI R 4s               | 11<br>3       |              | On pile dolphin.                                      |  |

| (1)<br>No.   | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|--|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>ST. CLAIR RIVER</b>   |  |                                 |                       |               |              |   |  |
| <b>ST. CLAIR RIVER (Chart 14852)</b>   |  |                                 |                       |               |              |   |  |
| 9745   | <i>Russell Island Shoal Lighted Buoy R1</i>                              | 42-37-20.353N<br>082-31-03.364W | Fl (2+1)G 6s          |               | 4            | Green and red bands.  | Replaced by can f from Dec. 21 to Apr. 1.<br>AIS MMSI: 993672214 |
| <b>South Channel</b>   |  |                                 |                       |               |              |   |  |
| 9750   | WALPOLE ISLAND UPPER LIGHT A34 (C)                                       | 42-37-18.000N<br>082-30-42.000W | Fl R 4s               | 23<br>7       |              | White square tower with red top.                                |  |
| <b>St. Clair River</b>   |  |                                 |                       |               |              |   |  |
| 9755   | <i>Chenal Ecarte Shoal Lighted Buoy A36 (C)</i>                          |                                 | Fl R 4s               |               |              | Red.  | Seasonal.  |
| 9760   | CHENAL ECARTE RANGE FRONT LIGHT (C)                                      | 42-38-12.000N<br>082-30-06.000W | F R                   | 17<br>5       |              | Orange triangular day mark with black stripe on circular tower. | Visible on range line only.<br>Seasonal.                         |
| 9765   | CHENAL ECARTE RANGE REAR LIGHT (C)<br>200 feet, 138.3° from front light. |                                 | F R                   | 37<br>11      |              | Orange triangular day mark with black stripe on circular tower. | Visible on range line only.<br>Seasonal.                         |
| 9770   | WILLOW POINT LIGHT   | 42-38-38.524N<br>082-30-45.743W | F G                   | 31<br>9       | 8            | SG on post.   |  |
| 9775   | <i>Roberts Landing Lighted Buoy 37</i>                                   | 42-39-47.171N<br>082-30-48.227W | Fl G 4s               |               | 4            | Green.  | Maintained f from Apr. 1 to Dec. 21.                             |
| 9780   | <i>Fawn Island Lighted Buoy 38</i><br>Marks south side of shoal.         | 42-40-55.921N<br>082-30-11.671W | Fl R 4s               |               | 4            | Red.  | Replaced by nun f from Dec. 21 to Apr. 1.<br>AIS MMSI: 993672234 |
| <b>Marine City</b>   |  |                                 |                       |               |              |   |  |
| 9785   | - SALT DOCK LIGHT  | 42-41-16.734N<br>082-30-20.569W | F G                   | 28<br>9       | 8            | SG on post.   |  |
| 9790   | - <i>Shoal Lighted Buoy 40</i>   | 42-42-03.721N<br>082-29-44.873W | Fl R 4s               |               | 4            | Red.  | Replaced by nun f from Dec. 21 to Apr. 1.<br>AIS MMSI: 993672235 |
| <b>Marine City Channel</b><br><i>Buoys maintained from Apr. 15 to Nov. 15.</i> |  |                                 |                       |               |              |   |  |
| 9795   | - Buoy 1   | 42-42-06.000N<br>082-30-03.200W |                       |               |              | Green can.  | Private aid.   |
| 9800   | - Buoy 2   | 42-42-07.000N<br>082-30-01.000W |                       |               |              | Red nun.  | Private aid.   |
| 9805   | - Buoy 3   | 42-42-07.000N<br>082-30-03.000W |                       |               |              | Green can.  | Private aid.   |
| 9810   | - Buoy 4   | 42-42-08.000N<br>082-30-01.900W |                       |               |              | Red nun.  | Private aid.   |
| 9815   | - Buoy 5   | 42-42-07.500N<br>082-30-03.600W |                       |               |              | Green can.  | Private aid.   |
| 9820   | - Buoy 6   | 42-42-08.200N<br>082-30-02.500W |                       |               |              | Red nun.  | Private aid.   |
| <b>St. Clair River</b>   |  |                                 |                       |               |              |   |  |
| 9825   | <i>Fawn Island Upper End Lighted Buoy 42</i>                             | 42-43-12.220N<br>082-29-05.174W | Q R                   |               | 4            | Red.  | Replaced by nun f from Dec. 21 to Apr. 1.                        |
| 9833   | <i>Lighted Buoy A 42/2 (C)</i>   | 42-44-05.000N<br>082-28-47.000W | Fl R 4s               |               |              | Red.  | Seasonal.  |
| 9835   | KESSEL POINT LIGHT (C)   | 42-45-06.000N<br>082-27-54.000W | F Y                   | 30<br>9       | 8            | Orange diamond day mark on white square skeleton mast.          |  |
| 9840   | RECORDS POINT DOCK LOWER LIGHT   | 42-45-31.900N<br>082-28-20.700W | Fl G 4s               | 30<br>9       |              | On white post.  | Private aid.   |
| 9845   | <i>Records Point Lighted Buoy A44 (C)</i>                                |                                 | Fl R 4s               |               |              | Red.  | Seasonal.  |
| 9850   | RECORDS POINT DOCK UPPER LIGHT   | 42-45-53.200N<br>082-28-13.400W | Iso G 2s              | 30<br>9       |              | On white post.  | Private aid.   |

| (1)<br>No.                           | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks  |
|--------------------------------------|--|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>ST. CLAIR RIVER</b>               |  |                                 |                       |               |              |  |   |
| <b>ST. CLAIR RIVER (Chart 14852)</b> |  |                                 |                       |               |              |  |   |
| <b>St. Clair River</b>               |  |                                 |                       |               |              |  |   |
| 9855                                 | BOWENS CREEK<br>DIRECTIONAL LIGHT (C)                                | 42-46-12.000N<br>082-27-48.000W | F Y                   | 28<br>9       |              | White circular<br>tower with red top.                                    | Higher intensity beam on<br>bearings 022° and 159°.   |
| 9860                                 | HARTS LANDING LIGHT  | 42-47-02.750N<br>082-28-27.240W | FI G 6s               | 26<br>8       | 8            | SG on dolphin.   |   |
| 9865                                 | <i>Harts Landing Lighted Buoy<br/>A46 (C)</i>                        | 42-47-18.000N<br>082-28-18.000W | FI R 4s               |               |              | Red.   | Seasonal.   |
| 9870                                 | COURTRIGHT LIGHT (C)   | 42-48-24.000N<br>082-28-42.000W | F Y                   | 20<br>6       | 7            | White skeleton<br>tower on dolphin.                                      |   |
| 9875                                 | <i>St. Clair Middle Ground Lighted<br/>Buoy 48</i>                   | 42-48-51.216N<br>082-28-51.485W | Q R                   |               | 4            | Red.   | Replaced by nun f from Dec. 21<br>to Apr. 1.  |
| 9880                                 | <i>St. Clair Middle Ground Lighted<br/>Buoy 50</i>                   | 42-49-25.215N<br>082-28-53.486W | FI R 4s               |               | 4            | Red.   | Replaced by nun f from Dec. 21<br>to Apr. 1.  |
| 9885                                 | <i>St. Clair Middle Ground Lighted<br/>Buoy 52</i>                   | 42-49-40.015N<br>082-28-49.486W | Q R                   |               | 4            | Red.   | Year round lighted buoy. AIS<br>MMSI: 993672215   |
| 9890                                 | MOORETOWN LIGHT (C)  | 42-50-24.000N<br>082-28-06.000W | FI Y 4s               | 30<br>9       | 8            | White circular<br>tower with red top.                                    |   |
| 9895                                 | <i>St. Clair Middle Ground Lighted<br/>Buoy A54 (C)</i>              |                                 | Q R                   |               |              | Red.   | Seasonal.   |
| 9900                                 | <i>Stag Island Lower Lighted<br/>Buoy 55</i>                         | 42-51-10.619N<br>082-28-17.087W | FI G 4s               |               | 4            | Green.   | Maintained f from Apr. 1 to Dec.<br>21.   |
| 9905                                 | <i>Stag Island Shoal Lower<br/>Junction Lighted Buoy AMB<br/>(C)</i> |                                 | FI (2+1) R 6s         |               |              | Red with green<br>band.  | Seasonal.   |
| 9910                                 | STAG ISLAND SHOAL LIGHT<br>(C)<br>Marks south side of shoal.         | 42-51-54.000N<br>082-28-00.000W | FI W 4s               | 22<br>7       | 4            | White circular<br>tower.   |   |
| 9925                                 | STAG ISLAND MIDDLE LIGHT   | 42-53-09.403N<br>082-28-30.960W | Oc G 4s               | 16<br>5       | 8            | SG on skeleton<br>tower.   | Higher intensity beam upstream.   |
| 9930                                 | <i>Stag Island Shoal Lighted<br/>Buoy 56</i>                         | 42-52-20.109N<br>082-28-13.290W | FI R 4s               |               | 4            | Red.   | Replaced by nun f from Dec. 21<br>to Apr. 1.  |
| 9935                                 | <i>Stag Island Lighted Buoy 58</i>                                   | 42-53-19.912N<br>082-28-13.991W | FI R 2.5s             |               | 4            | Red.   | Replaced by nun f from Dec. 21<br>to Apr. 1.<br>AIS MMSI: 993672216   |
| 9940                                 | <i>Stag Island North Cardinal<br/>Lighted Buoy Am (C)</i>            |                                 | Q W                   |               |              | Black and yellow.  | Spar; winter marker. Seasonal.  |
| 9945                                 | STAG ISLAND UPPER LIGHT  | 42-54-25.122N<br>082-27-57.652W | FI G 2.5s             | 26<br>8       | 5            | SG on post.  | Higher intensity beam up and<br>downstream.   |
| 9950                                 | <i>Lighted Buoy A60 (C)</i>  | 42-55-13.000N<br>082-27-23.000W | FI R 4s               |               |              | Red.   | Spar; winter marker. Seasonal.  |
| 9955                                 | <i>Stag Island North End Lighted<br/>Buoy AM3 (C)</i>                | 42-53-42.000N<br>082-27-36.000W | FI G 4s               |               |              | Green.   | Spar; winter marker. Seasonal.  |
| 9965                                 | BLACK RIVER ENTRANCE<br>LIGHT 1                                      | 42-58-21.300N<br>082-25-09.600W | FI G 4s               | 29<br>9       | 3            | SG on pile.  |   |
| 9970                                 | <i>Sarnia Breakwater Junction<br/>Lighted Buoy AHB (C)</i>           |                                 | FI (2+1) R 6s         |               |              | Red with green<br>band.  | Spar; winter marker. Seasonal.  |
| 9975                                 | <i>Point Edward Lighted Buoy<br/>A66 (C)</i>                         | 42-59-18.000N<br>082-25-18.000W | FI R 4s               |               |              | Red.   | Seasonal.   |
| 9980                                 | <i>Point Edward Lighted Buoy<br/>A68 (C)</i>                         | 42-59-36.000N<br>082-25-24.000W | Q R                   |               |              | Red.   | Spar; winter marker. Seasonal.  |
| 9990                                 | FORT GRATIOT RANGE<br>FRONT LIGHT                                    | 42-59-36.155N<br>082-25-38.430W | F G                   | 41<br>13      |              | KRW with 12 foot<br>vertical bar light on<br>brown cylindrical<br>tower. | Port Huron-Sarnia Bridge center<br>span lights (Oc G) are on Fort<br>Gratiot rangeline. Lighted<br>throughout 24 hours. |

| (1)<br>No.   | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks  |
|--|---|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>ST. CLAIR RIVER</b>   |   |                                 |                       |               |              |  |   |
| <b>ST. CLAIR RIVER (Chart 14852)</b>   |   |                                 |                       |               |              |  |   |
| <b>St. Clair River</b>   |   |                                 |                       |               |              |  |   |
| 9995   | FORT GRATIOT RANGE<br>FRONT PASSING LIGHT   | 42-59-36.155N<br>082-25-38.430W | F G                   | 44<br>13      | 9            | On same structure<br>as Fort Gratiot<br>Range Front Light.   |   |
| 10000  | FORT GRATIOT RANGE<br>REAR LIGHT<br>460 feet, 207.6° f from front<br>light.       | 42-59-32.129N<br>082-25-41.300W | F G                   | 52<br>16      |              | KRW with 12 foot<br>vertical bar light on<br>brown octagonal<br>tower.   | Port Huron-Sarnia Bridge center<br>span lights (Oc G) are on Fort<br>Gratiot range line. Lighted<br>throughout 24 hours.  |
| <b>LAKE HURON</b>  |   |                                 |                       |               |              |  |   |
| <b>LAKE HURON (Chart 14860)</b>  |   |                                 |                       |               |              |  |   |
| 10010  | NOAA Lighted Weather Buoy<br>45008  | 44-17-00.000N<br>082-24-59.000W | Fl (4)Y 20s           |               |              | Yellow disc-shaped<br>hull.  | Maintained from May. 14 to Nov<br>14.<br><br>Aid maintained by National<br>Oceanic and Atmospheric<br>Administration.   |
| <b>PORT HURON TO PTE AUX BARQUES (Chart 14862)</b>                             |   |                                 |                       |               |              |  |   |
| 10015  | Fort Gratiot Light  | 43-00-22.596N<br>082-25-21.086W | Fl G 6s               |               | 16           | White conical brick<br>tower.  | Station will give available<br>information on fog conditions in<br>upper river by radiotelephone<br>when requested, (156.80 MHz).<br>Lighted throughout 24 hours. |
| 10025  | POINT EDWARD RANGE<br>FRONT LIGHT (C)   | 43-00-12.000N<br>082-25-00.000W | F R                   | 42<br>13      |              | Orange triangular<br>day mark with black<br>vertical stripe on<br>white circular tower<br>with red band at<br>top. | RACON: M ( - - )<br>Visible from all points of<br>approach.   |
| 10030  | POINT EDWARD RANGE<br>REAR LIGHT (C)<br>2,140 feet, 180.4° f from<br>front light. |                                 | F R                   | 120<br>37     |              | Orange triangular<br>day mark, with<br>black vertical<br>stripe mounted on<br>International<br>Bridge.             | Visible on range line only .  |
| <b>Lake Huron Cut</b>  |   |                                 |                       |               |              |  |   |
| <i>Lighted buoys maintained from Apr. 1 to Dec. 21 unless otherwise noted.</i> |   |                                 |                       |               |              |  |   |
| 10035  | - Lighted Buoy 1  | 43-00-33.297N<br>082-25-04.173W | Q G                   |               | 5            | Green.   | Replaced by lighted ice buoy<br>from Dec 21 to 01 April.<br>AIS MMSI: 993672236   |
| 10040  | - Lighted Buoy 2 (C)  |                                 | Q R                   |               |              | Red.   | Spar; winter marker.  |
| 10045  | - Lighted Buoy 3  | 43-01-47.116N<br>082-25-03.245W | Fl G 4s               |               | 4            | Green.   |   |
| 10050  | - Lighted Buoy 4  | 43-01-47.116N<br>082-24-52.764W | Fl R 4s               |               | 4            | Red.   |   |
| 10055  | - Lighted Buoy 5  | 43-02-40.436N<br>082-25-02.986W | Fl G 4s               |               | 4            | Green.   |   |
| 10060  | - Lighted Buoy 6  | 43-02-40.496N<br>082-24-52.255W | Fl R 4s               |               | 4            | Red.   |   |
| 10065  | - LIGHT 7   | 43-03-34.838N<br>082-25-03.981W | Q G                   | 47<br>14      | 10           | SG on cylindrical<br>tower.  |   |
| 10070  | - Lighted Buoy 8  | 43-03-34.801N<br>082-24-51.210W | Q R                   |               | 4            | Red.   | Replaced by nun from Dec. 21<br>to Apr. 1.  |
| 10075  | - Lighted Buoy 9  | 43-04-26.145N<br>082-24-55.977W | Fl G 4s               |               | 4            | Green.   |   |
| 10080  | - Lighted Buoy 10   | 43-04-25.465N<br>082-24-45.157W | Fl R 4s               |               | 4            | Red.   |   |
| 10085  | - Lighted Buoy 11   | 43-05-28.404N<br>082-24-47.661W | Fl G 4s               |               | 5            | Green.   | Replaced by lighted ice buoy<br>from 21 Dec to 01 Apr.<br>AIS MMSI: 993672217   |



| (1)<br>No.   | (2)<br>Name and Location        | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure             | (8)<br>Remarks  |
|--|---------------------------------|---------------------------------|-----------------------|---------------|--------------|------------------------------|---|
| <b>LAKE HURON</b>  |                                 |                                 |                       |               |              |                              |   |
| <b>PORT HURON TO PTE AUX BARQUES (Chart 14862)</b>                             |                                 |                                 |                       |               |              |                              |   |
| <b>Lake Huron Cut</b>  |                                 |                                 |                       |               |              |                              |   |
| <i>Lighted buoys maintained from Apr. 1 to Dec. 21 unless otherwise noted.</i> |                                 |                                 |                       |               |              |                              |   |
| 10090  | - Lighted Buoy 12               | 43-05-27.934N<br>082-24-37.127W | FI R 4s               |               | 5            | Red.                         | Replaced by nun from Dec. 21 to Apr. 1.<br>AIS MMSI: 993672218                            |
| <b>Lexington Harbor</b>  |                                 |                                 |                       |               |              |                              |   |
| 10095  | - EAST BREAKWATER LIGHT 2       | 43-15-59.800N<br>082-31-22.230W | FI R 2.5s             | 29<br>9       | 5            | TR on post.                  |   |
| 10100  | - WEST BREAKWATER LIGHT 3       | 43-16-02.820N<br>082-31-24.750W | FI G 4s               | 25<br>8       | 4            | SG on post.                  |   |
| <b>Port Sanilac</b>  |                                 |                                 |                       |               |              |                              |   |
| 10115  | - Light                         | 43-25-44.430N<br>082-32-24.710W | FI W 2.5s             | 69<br>21      | 14           | White octagonal tower.<br>69 |   |
| 10120  | - NORTH BREAKWATER LIGHT 2      | 43-25-48.990N<br>082-32-05.300W | FI R 4s               | 35<br>11      | 7            | TR on pile.                  |   |
| 10125  | - SOUTH BREAKWATER LIGHT 3      | 43-25-51.700N<br>082-32-08.980W | FI G 4s               | 29<br>9       | 5            | SG on pile.                  |   |
| <b>Wagener County Park</b>   |                                 |                                 |                       |               |              |                              |   |
| <i>Buoys maintained from May 1 to Oct. 1.</i>                                  |                                 |                                 |                       |               |              |                              |   |
| 10126  | - Buoy 1                        | 43-46-12.000N<br>082-36-54.000W |                       |               |              | Green can.                   | Private aid.  |
| 10126.5  | - Buoy 2                        | 43-46-12.000N<br>082-36-54.000W |                       |               |              | Red nun.                     | Private aid.  |
| 10127  | - Buoy 3                        | 43-46-12.000N<br>082-36-54.000W |                       |               |              | Green can.                   | Private aid.  |
| 10127.5  | - Buoy 4                        | 43-46-12.000N<br>082-36-54.000W |                       |               |              | Red nun.                     | Private aid.  |
| 10128  | - Buoy 5                        | 43-46-12.000N<br>082-36-54.000W |                       |               |              | Green can.                   | Private aid.  |
| 10128.5  | - Buoy 6                        | 43-46-12.000N<br>082-36-54.000W |                       |               |              | Red nun.                     | Private aid.  |
| 10129  | White Rock Shoal Lighted Buoy 3 | 43-43-59.000N<br>082-35-19.000W | FI G 4s               |               | 4            | Green.                       | Maintained from May 1 to Nov. 1.  |
| <b>Harbor Beach</b>  |                                 |                                 |                       |               |              |                              |   |
| 10130  | - LIGHT "2"                     | 43-50-44.196N<br>082-37-52.086W | FI R 6s               | 20<br>6       | 8            | TR on navigation pole        | HORN: 1 blast ev 30s (3s bl). Operates by keying microphone five times on VHF-FM Ch. 83A. |
| 10133  | - LIGHT                         | 43-50-44.299N<br>082-37-53.102W | FI W 6s               | 54<br>16      |              |                              | Private aid.  |
| 10140  | - South Pier Light 1            | 43-50-37.701N<br>082-37-51.970W | FI G 4s               | 27<br>8       | 11           | SG on post.                  |   |
| 10145  | - Buoy 3                        | 43-50-38.745N<br>082-38-05.386W |                       |               |              | Green can.                   | Maintained from 21 Apr to 01 Nov  |
| 10150  | - Lighted Buoy 4                | 43-50-43.714N<br>082-37-54.349W | FI R 2.5s             |               | 4            | Red nun.                     | Maintained from 21 Apr to 01 Nov  |
| 10155  | - Buoy 5                        | 43-51-00.370N<br>082-38-15.031W |                       |               |              | Green can.                   | Maintained from 21 Apr to 01 Nov  |
| 10161  | - Buoy 7                        | 43-51-12.685N<br>082-38-27.708W |                       |               |              | Green can.                   | Maintained 21 Apr. to 01 Nov.   |
| 10162  | - Buoy 9                        | 43-51-18.242N<br>082-38-37.236W |                       |               |              | Green can.                   | Maintained 21 Apr. to 01 Nov  |
| <b>Offshore Marine</b>   |                                 |                                 |                       |               |              |                              |   |
| <i>Buoys maintained from Apr. 1 to Nov. 1.</i>                                 |                                 |                                 |                       |               |              |                              |   |
| 10165  | - Buoy 1                        | 43-50-56.100N<br>082-38-36.800W |                       |               |              | Green spar.                  | Private aid.  |
| 10170  | - Buoy 2                        | 43-50-59.000N<br>082-32-55.000W |                       |               |              | Red spar.                    | Private aid.  |

| (1)<br>No.  | (2)<br>Name and Location                | (3)<br>Position                 | (4)<br>Characteristic                                | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                  | (8)<br>Remarks                     |
|---|---|---------------------------------|--|---------------|--------------|---|------------------------------------|
| <b>LAKE HURON</b>   |   |                                 |  |               |              |   |                                    |
| <b>PORT HURON TO PTE AUX BARQUES (Chart 14862)</b>        |   |                                 |  |               |              |   |                                    |
| <b>Harbor Beach</b>                                       |   |                                 |  |               |              |   |                                    |
| <b>Offshore Marine</b>                                    |   |                                 |  |               |              |   |                                    |
| <i>Buoys maintained from Apr. 1 to Nov. 1.</i>            |   |                                 |  |               |              |   |                                    |
| 10175   | - Buoy 3                                | 43-50-56.100N<br>082-38-39.800W |  |               |              | Green spar.                                       | Private aid.                       |
| 10180   | - Buoy 4                                | 43-50-56.100N<br>082-38-58.000W |  |               |              | Red spar.   | Private aid.                       |
| 10185   | - Buoy 5                                | 43-50-56.100N<br>082-38-42.200W |  |               |              | Green spar.                                       | Private aid.                       |
| 10190   | - Buoy 6                                |                                 |  |               |              | Red spar.   | Private aid.                       |
| <b>Stafford County Park</b>                               |   |                                 |  |               |              |   |                                    |
| <i>Buoys maintained from May 1 to Oct. 1.</i>             |   |                                 |  |               |              |   |                                    |
| 10202.1   | - Buoy 1                                | 43-56-36.000N<br>082-42-24.000W |  |               |              | Green can.  | Private aid.                       |
| 10202.2   | - Buoy 2                                | 43-56-36.000N<br>082-42-24.000W |  |               |              | Red nun.  | Private aid.                       |
| 10202.3   | - Buoy 3                                | 43-56-36.000N<br>082-42-24.000W |  |               |              | Green can.  | Private aid.                       |
| 10202.4   | - Buoy 4                                | 43-56-36.000N<br>082-42-24.000W |  |               |              | Red nun.  | Private aid.                       |
| 10202.5   | - Buoy 5                                | 43-56-36.000N<br>082-42-24.000W |  |               |              | Green can.  | Private aid.                       |
| 10202.6   | - Buoy 6                                | 43-56-36.000N<br>082-42-24.000W |  |               |              | Red nun.  | Private aid.                       |
| <b>Harbor Beach</b>                                       |   |                                 |  |               |              |   |                                    |
| 10205   | <i>Point Aux Barques Lighted Buoy 1</i> | 44-02-32.504N<br>082-45-19.687W | Fl G 4s  |               | 4            | Green.  | Maintained from Apr. 28 to Nov 14. |
| 10210   | <b>Point Aux Barques Light</b>          | 44-01-22.208N<br>082-47-35.728W | Fl (2)W 20s<br>0.2s fl 4.8s ec.<br>0.2s fl 14.8s ec. | 93<br>28      | 16           | White conical tower with dwelling attached.<br>93 |                                    |
| <b>Lighthouse County Park</b>                             |   |                                 |  |               |              |   |                                    |
| <i>Buoys maintained from May 1 to Oct. 1.</i>             |   |                                 |  |               |              |   |                                    |
| 10211   | - Buoy 1                                | 44-01-00.000N<br>082-47-12.000W |  |               |              | Green can.  | Private aid.                       |
| 10212   | - Buoy 2                                | 44-01-00.000N<br>082-47-12.000W |  |               |              | Red nun.  | Private aid.                       |
| <b>SAGINAW BAY (Chart 14863)</b>                          |   |                                 |  |               |              |   |                                    |
| <b>Grindstone Channel</b>                                 |   |                                 |  |               |              |   |                                    |
| <i>Entrance buoys maintained from Apr. 15 to Nov. 15.</i> |   |                                 |  |               |              |   |                                    |
| 10215   | - Entrance Buoy 1                       | 44-03-30.000N<br>082-53-30.000W |  |               |              | Green can.  | Private aid.                       |
| 10220   | - Entrance Buoy 2                       | 44-03-49.000N<br>082-53-46.000W |  |               |              | Red nun.  | Private aid.                       |
| 10225   | - Entrance Buoy 3                       | 44-03-42.000N<br>082-53-48.000W |  |               |              | Green can.  | Private aid.                       |
| 10230   | - Entrance Buoy 4                       | 44-03-42.000N<br>082-53-48.000W |  |               |              | Red nun.  | Private aid.                       |
| 10235   | - Entrance Buoy 5                       | 44-03-39.000N<br>082-53-50.000W |  |               |              | Green can.  | Private aid.                       |
| 10240   | - Entrance Buoy 6                       | 44-03-40.000N<br>082-53-51.000W |  |               |              | Red nun.  | Private aid.                       |
| 10245   | - Entrance Buoy 7                       | 44-03-39.000N<br>082-53-53.000W |  |               |              | Green can.  | Private aid.                       |
| 10250   | - Entrance Buoy 8                       | 44-03-38.000N<br>082-53-54.000W |  |               |              | Red nun.  | Private aid.                       |
| 10255   | - Entrance Buoy 9                       | 44-03-38.000N<br>082-53-56.000W |  |               |              | Green can.  | Private aid.                       |
| 10260   | - Entrance Buoy 10                      | 44-03-37.000N<br>082-53-58.000W |  |               |              | Red nun.  | Private aid.                       |
| 10265   | - Entrance Buoy 11                      | 44-03-37.000N<br>082-53-59.000W |  |               |              | Green can.  | Private aid.                       |
| 10270   | - Entrance Buoy 12                      | 44-03-36.000N<br>082-53-59.000W |  |               |              | Red nun.  | Private aid.                       |

| (1)<br>No.  | (2)<br>Name and Location                                    | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                 | (8)<br>Remarks  |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE HURON</b>   |   |                                 |                       |               |              |  |   |
| <b>SAGINAW BAY (Chart 14863)</b>                          |   |                                 |                       |               |              |  |   |
| <b>Grindstone Channel</b>                                 |   |                                 |                       |               |              |  |   |
| <i>Entrance buoys maintained from Apr. 15 to Nov. 15.</i> |   |                                 |                       |               |              |  |   |
| 10271   | - Entrance Buoy 13  | 44-03-22.200N<br>082-53-34.800W |                       |               |              | Green can.                                       | Private aid.  |
| 10272   | - Entrance Buoy 14  | 44-03-22.800N<br>082-53-35.400W |                       |               |              | Red nun.   | Private aid.  |
| 10273   | - Entrance Buoy 15  | 44-03-20.400N<br>082-53-37.200W |                       |               |              | Green can.                                       | Private aid.  |
| 10274   | - Entrance Buoy 16  | 44-03-21.000N<br>082-53-37.800W |                       |               |              | Red nun.   | Private aid.  |
| <b>Port Austin</b>  |   |                                 |                       |               |              |  |   |
| <i>Buoys maintained from May 1 to Nov. 1.</i>             |   |                                 |                       |               |              |  |   |
| 10275   | - REEF LIGHT  | 44-04-55.300N<br>082-58-56.615W | FI W 6s               | 76<br>23      | 8            | Buff square tower<br>with house<br>attached.     |   |
| 10280   | - Shoal Buoy 1<br>Marks north side of shoal.                | 44-05-48.035N<br>082-59-35.182W |                       |               |              | Green can.                                       | Maintained from May 1 to Nov<br>14.                   |
| 10285   | - Buoy 3  | 44-03-33.729N<br>082-59-36.620W |                       |               |              | Green can.                                       |   |
| 10290   | - BREAKWATER LIGHT 4  | 44-03-11.450N<br>082-59-36.900W | FI R 2.5s             | 24<br>7       | 4            | TR on pile.                                      |   |
| 10295   | - LIGHT 5   | 44-03-13.700N<br>082-59-37.000W | FI G 2.5s             | 25<br>8       | 6            | SG on post.                                      |   |
| 10300   | - Buoy 5A   | 44-03-09.426N<br>082-59-30.282W |                       |               |              | Green can.                                       |   |
| 10305   | - Buoy 6  | 44-03-04.798N<br>082-59-38.553W |                       |               |              | Red nun.   |   |
| 10310   | - Buoy 7  | 44-02-59.216N<br>082-59-36.517W |                       |               |              | Green can.                                       |   |
| 10315   | - Channel Buoy 1  | 44-02-54.000N<br>082-59-40.000W |                       |               |              | On black spar.                                   | Maintained from Jun. 1 to Sep.<br>1.<br>Private aid.  |
| 10320   | - Channel Buoy 2  | 44-03-01.000N<br>082-59-40.000W |                       |               |              | On red spar.                                     | Maintained from Jun. 1 to Sep. 1<br>Private aid.      |
| 10325   | - Channel Buoy 4  | 44-02-58.000N<br>082-59-43.000W |                       |               |              | On red spar.                                     | Maintained from Jun. 1 to Sep.<br>1.<br>Private aid.  |
| 10330   | - Channel Buoy 6  | 44-02-56.000N<br>082-59-43.000W |                       |               |              | On red spar.                                     | Maintained from Jun. 1 to Sep. 1<br>Private aid.      |
| <b>Caseville Harbor</b>                                   |   |                                 |                       |               |              |  |   |
| <i>Buoys maintained from May 1 to Nov. 1.</i>             |   |                                 |                       |               |              |  |   |
| 10345   | - LIGHT 1   | 43-56-52.600N<br>083-17-09.800W | FI G 2.5s             | 27<br>8       | 5            | SG on post.                                      |   |
| 10350   | - RANGE FRONT LIGHT   | 43-56-43.100N<br>083-16-43.400W | F R                   | 25<br>8       |              | On red pile.                                     | Maintained from Apr. 1 to Nov.<br>15.<br>Private aid. |
| 10355   | - RANGE REAR LIGHT<br>330 feet, 113.5° from front<br>light. | 43-56-42.000N<br>083-16-39.900W | F R                   | 30<br>9       |              | On red pile.                                     | Maintained from Apr. 1 to Nov.<br>15.<br>Private aid. |
| 10365   | - Buoy 2  | 43-56-51.540N<br>083-17-10.560W |                       |               |              | Red nun.   |   |
| 10370   | - Buoy 4  | 43-56-48.334N<br>083-16-59.748W |                       |               |              | Red nun.   |   |
| 10372   | - Buoy 6  | 43-56-47.005N<br>083-16-55.381W |                       |               |              | Red nun.   |   |
| 10373   | - LIGHT   | 43-56-36.500N<br>083-16-22.000W | FI W 10s              | 65<br>20      |              | Square white tower<br>with red roofed<br>cupola. | Private aid.  |
| 10375   | Sand Point Midchannel Buoy S                                | 43-55-54.960N<br>083-24-45.660W |                       |               |              | Red and white<br>stripes; spherical.             |   |
| 10380   | <i>Wildfowl Bay Channel Lighted<br/>Buoy 1</i>              | 43-52-42.000N<br>083-21-24.000W | Q G                   |               |              | Green.   | Maintained from May 15 to Oct.<br>15.<br>Private aid. |

| (1)<br>No.                                    | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                    | (8)<br>Remarks                                      |
|---|---|---------------------------------|-----------------------|---------------|--------------|-------------------------------------|---|
| <b>LAKE HURON</b>                             |   |                                 |                       |               |              |                                     |   |
| <b>SAGINAW BAY (Chart 14863)</b>              |   |                                 |                       |               |              |                                     |   |
| <b>Caseville Harbor</b>                       |   |                                 |                       |               |              |                                     |   |
| <i>Buoys maintained from May 1 to Nov. 1.</i> |   |                                 |                       |               |              |                                     |   |
| 10385   | <i>Wildfowl Bay Channel Lighted Buoy 2</i>                                  | 43-52-42.000N<br>083-21-24.200W | Q R                   |               |              | Red.                                | Maintained from May 15 to Oct 15.<br>Private aid.   |
| <b>SAGINAW BAY (Chart 14863)</b>              |   |                                 |                       |               |              |                                     |   |
| 10390   | <i>Sebewaing Harbor Channel Lighted Buoy 1</i>                              | 43-45-08.874N<br>083-31-15.652W | FI G 2.5s             |               |              | Green.                              | Maintained from Apr. 21 to Nov. 15.                 |
| 10395   | <i>Sebewaing Harbor Channel Lighted Buoy 2</i>                              | 43-45-07.554N<br>083-31-16.386W | FI R 2.5s             |               |              | Red.                                | Maintained from Apr. 21 to Nov. 15.                 |
| 10400   | <i>Sebewaing Channel Lighted Buoy 3</i>                                     | 43-44-58.542N<br>083-30-37.698W | FI G 4s               |               | 4            | Green                               | Maintained from Apr. 21 to Nov. 15.                 |
| 10405   | <i>Sebewaing Channel Lighted Buoy 4</i>                                     | 43-44-57.450N<br>083-30-38.886W | FI R 4s               |               | 4            | Red                                 | Maintained from Apr. 21 to Nov. 15.                 |
| 10410   | <i>Sebewaing Channel Lighted Buoy 5</i>                                     | 43-44-48.246N<br>083-30-00.456W | FI G 6s               |               | 4            | Green                               | Maintained from Apr. 21 to Nov. 15.                 |
| 10415   | <i>Sebewaing Channel Lighted Buoy 6</i>                                     | 43-44-47.346N<br>083-30-01.128W | FI R 6s               |               | 4            | Red                                 | Maintained from Apr. 21 to Nov. 15.                 |
| 10420   | <i>Sebewaing Channel Lighted Buoy 7</i>                                     | 43-44-37.212N<br>083-29-20.652W | FI G 4s               |               | 4            | Green                               | Maintained from Apr. 21 to Nov. 15.                 |
| 10425   | <i>Sebewaing Channel Lighted Buoy 8</i>                                     | 43-44-36.606N<br>083-29-21.204W | FI R 4s               |               | 4            | Red                                 | Maintained from Apr. 21 to Nov. 15.                 |
| 10470   | SEBEWAING YACHT CLUB SOUTH LIGHT  | 43-44-12.000N<br>083-27-48.000W | F R                   | 24<br>7       |              | On pile.                            | Maintained from Mar. 15 to Oct. 15.<br>Private aid. |
| 10475   | SEBEWAING YACHT CLUB NORTH LIGHT  | 43-44-23.000N<br>083-27-08.000W | F G                   | 24<br>7       |              | On pile.                            | Maintained from Mar. 15 to Oct. 15.<br>Private aid. |
| 10480   | OAKHURST PARK MARINA RANGE FRONT LIGHT                                      | 43-37-45.100N<br>083-37-08.000W | F G                   | 17<br>5       |              | Orange triangle on post.            | Maintained from May 1 to Oct. 31.<br>Private aid.   |
| 10485   | OAKHURST PARK MARINA RANGE REAR LIGHT<br>100 feet, 143.5° from front light. | 43-37-44.900N<br>083-37-07.800W | F G                   | 37<br>11      |              | Orange and white triangle on tower. | Maintained from May 1 to Oct. 31.<br>Private aid.   |
| <b>Quanicasse River</b>                       |   |                                 |                       |               |              |                                     |   |
| <i>Buoys maintained from May 1 to Oct. 1.</i> |   |                                 |                       |               |              |                                     |   |
| 10490   | - Buoy 1  | 43-35-46.000N<br>083-40-32.400W |                       |               |              | Green can.                          | Private aid.  |
| 10495   | - Buoy 2  | 43-35-46.000N<br>083-40-32.400W |                       |               |              | Red nun.                            | Private aid.  |
| 10500   | - Buoy 3  | 43-35-41.000N<br>083-40-36.000W |                       |               |              | Green can.                          | Private aid.  |
| 10505   | - Buoy 4  | 43-35-41.000N<br>083-40-36.000W |                       |               |              | Red nun.                            | Private aid.  |
| 10510   | - Buoy 5  | 43-35-34.000N<br>083-40-40.000W |                       |               |              | Green can.                          | Private aid.  |
| 10515   | - Buoy 6  | 43-35-34.000N<br>083-40-40.000W |                       |               |              | Red nun.                            | Private aid.  |
| 10520   | - Buoy 7  | 43-35-22.000N<br>083-40-46.000W |                       |               |              | Green can.                          | Private aid.  |
| 10525   | - Buoy 8  | 43-35-22.000N<br>083-40-46.000W |                       |               |              | Red nun.                            | Private aid.  |

| (1)<br>No.                         | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic          | (5)<br>Height        | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|------------------------------------|---|---------------------------------|--------------------------------|----------------------|--------------|---|---|
| <b>LAKE HURON</b>                  |   |                                 |                                |                      |              |   |   |
| <b>SAGINAW BAY (Chart 14863)</b>   |   |                                 |                                |                      |              |   |   |
| 10530                              | <i>Charity Island Shoal Lighted Bell Buoy 1</i>                         | 44-06-30.156N<br>083-29-46.172W | Q G                            |                      | 5            | Green.  | Replaced by can f from Dec. 7 to Apr. 28.<br>AIS MMSI: 993672219              |
| 10535                              | <i>Charity Island Shoal Lighted Buoy 3</i><br>Marks west side of shoal. | 44-03-25.005N<br>083-30-43.833W | FI G 4s                        |                      | 4            | Green.  | Replaced by can f from Dec. 7 to Apr. 28.<br>AIS MMSI: 993672220              |
| 10540                              | <b>Gravelly Shoal Light</b>   | 44-01-11.425N<br>083-32-18.218W | FI R 6s                        | 75<br>23             | 10           | White square tower on cylindrical base.<br>75               | HORN: 1 blast ev 30s (3s bl).<br>Operates continuously.                       |
| <b>SAGINAW RIVER (Chart 14867)</b> |   |                                 |                                |                      |              |   |   |
| <b>Saginaw Bay Channel</b>         |   |                                 |                                |                      |              |   |   |
| 10550                              | - RANGE FRONT LIGHT   | 43-38-54.324N<br>083-51-05.673W | F R<br>(NIGHT)<br>F R<br>(DAY) | 70<br>21<br>66<br>20 |              | On skeleton tower.  | Lighted throughout 24 hours.  |
| 10555                              | SAGINAW BAY RANGE FRONT PASSING LIGHT                                   | 43-38-54.324N<br>083-51-05.673W | F R                            | 66<br>20             | 8            | On same structure as Saginaw Bay Channel Range Front Light. |   |
| 10560                              | - RANGE REAR LIGHT<br>8,708 feet, 211.2° f rom front light.             | 43-37-40.758N<br>083-52-07.018W | F G                            | 159<br>48            |              | On skeleton tower.  | Lighted throughout 24 hours.  |
| 10570                              | - <b>Light 1</b>  | 43-48-21.049N<br>083-43-07.826W | FI G 6s                        | 50<br>15             | 10           | White cylindrical tower with green band in middle.<br>50    |   |
| 10575                              | - <i>Lighted Buoy 2</i>   | 43-48-23.127N<br>083-43-12.997W | FI R 2.5s                      |                      | 4            | Red.  | Nun; winter marker. Maintained from Apr. 21 to Dec. 7.                        |
| 10590                              | - Buoy 3  | 43-47-27.034N<br>083-43-53.880W |                                |                      |              | Green can.  |   |
| 10595                              | - Buoy 4  | 43-47-29.000N<br>083-43-58.000W |                                |                      |              | Red nun.  |   |
| 10600                              | - <i>Lighted Buoy 5</i>   | 43-46-34.300N<br>083-44-38.500W | FI G 4s                        |                      | 4            | Green.  | Can; winter marker. Maintained from Apr. 21 to Dec. 7.<br>AIS MMSI: 993672221 |
| 10605                              | - <i>Lighted Buoy 6</i>   | 43-46-35.661N<br>083-44-42.582W | FI R 4s                        |                      | 4            | Red.  | Nun; winter marker. Maintained from Apr. 21 to Dec. 7.<br>AIS MMSI: 993672222 |
| 10610                              | - Buoy 7  | 43-45-41.000N<br>083-45-23.200W |                                |                      |              | Green can.  |   |
| 10615                              | - Buoy 8  | 43-45-43.480N<br>083-45-26.905W |                                |                      |              | Red nun.  |   |
| 10620                              | - <i>Lighted Buoy 9</i>   | 43-44-48.183N<br>083-46-06.982W | FI G 4s                        |                      | 4            | Green.  | Can; winter marker. Maintained from Apr. 21 to Dec. 7.                        |
| 10625                              | - <i>Lighted Buoy 10</i>  | 43-44-50.000N<br>083-46-12.000W | FI R 4s                        |                      | 4            | Red.  | Nun; winter marker. Maintained from Apr. 21 to Dec. 7.                        |
| 10640                              | - <i>Lighted Buoy 11</i>  | 43-43-54.183N<br>083-46-51.978W | FI G 2.5s                      |                      | 4            | Green.  | Replaced by can f from Dec. 07 to Apr. 21.                                    |
| 10644                              | - LIGHT 12  | 43-43-56.354N<br>083-46-56.919W | FI R 2.5s                      | 20<br>6              | 6            | White cylindrical tower with red stripe in middle.          |   |
| 10650                              | - Buoy 13   | 43-42-59.809N<br>083-47-38.274W |                                |                      |              | Green can.  |   |
| 10655                              | - Buoy 14   | 43-43-02.000N<br>083-47-42.200W |                                |                      |              | Red nun.  |   |

| (1)<br>No.                         | (2)<br>Name and Location               | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks  |
|------------------------------------|--|---------------------------------|-----------------------|---------------|--------------|------------------|---|
| <b>LAKE HURON</b>                  |  |                                 |                       |               |              |                  |   |
| <b>SAGINAW RIVER (Chart 14867)</b> |  |                                 |                       |               |              |                  |   |
| <b>Saginaw Bay Channel</b>         |  |                                 |                       |               |              |                  |   |
| 10660                              | - Lighted Buoy 15                      | 43-42-07.000N<br>083-48-22.300W | FI G 4s               |               | 4            | Green.           | Replaced by can f from Dec. 07 to Apr. 21.<br>AIS MMSI: 993672223         |
| 10665                              | - Lighted Buoy 16                      | 43-42-08.700N<br>083-48-27.000W | FI R 4s               |               | 4            | Red.             | Replaced by nun f from Dec. 07 to Apr. 21.<br>AIS MMSI: 993672224         |
| 10670                              | - Buoy 17                              | 43-41-13.000N<br>083-49-07.500W |                       |               |              | Green can.       |   |
| 10675                              | - Buoy 18                              | 43-41-15.000N<br>083-49-11.500W |                       |               |              | Red nun.         |   |
| 10680                              | - Lighted Buoy 19                      | 43-40-21.975N<br>083-49-49.739W | FI G 4s               |               | 4            | Green.           | Replaced by can f from Dec. 07 to Apr. 21.                                |
| 10685                              | - Lighted Buoy 20                      | 43-40-24.031N<br>083-49-53.846W | FI R 4s               |               | 4            | Red.             | Replaced by nun f from Dec. 07 to Apr. 21.                                |
| 10690                              | - OBSTRUCTION LIGHT A                  | 43-40-16.200N<br>083-49-53.300W | Q W                   | 21<br>6       |              | On dolphin.      | Maintained f from Apr. 15 to Dec. 15. Maintained by ACOE.<br>Private aid. |
| 10695                              | - OBSTRUCTION LIGHT B                  | 43-40-14.600N<br>083-49-54.600W | Q W                   | 21<br>6       |              | On dolphin.      | Maintained f from Apr. 15 to Dec. 15. Maintained by ACOE.<br>Private aid. |
| 10710                              | - Lighted Buoy 21                      | 43-39-38.567N<br>083-50-25.985W | FI G 2.5s             |               | 4            | Green.           | Replaced by can f from Dec. 01 to Apr. 21.                                |
| 10715                              | - Lighted Buoy 22                      | 43-39-40.358N<br>083-50-30.056W | FI R 2.5s             |               | 4            | Red.             | Replaced by nun f from Dec. 01 to Apr. 21.                                |
| 10720                              | - Lighted Buoy 23                      | 43-39-08.890N<br>083-50-50.750W | FI G 2.5s             |               | 4            | Green.           | Replaced by can f from Dec. 01 to Apr. 21.                                |
| 10725                              | - Lighted Buoy 24                      | 43-39-09.290N<br>083-50-55.702W | FI R 2.5s             |               | 4            | Red.             | Replaced by nun f from Dec. 01 to Apr. 21.                                |
| 10730                              | - LIGHT 26                             | 43-39-02.024N<br>083-50-59.345W | Q R                   | 23<br>7       | 6            | TR on pile.      |   |
| 10735                              | - Lighted Buoy 25                      | 43-38-58.700N<br>083-50-54.454W | FI G 2.5s             |               | 4            | Green.           | Replaced by can f from Dec. 01 to Apr. 21.                                |
| 10740                              | - Lighted Buoy 28                      | 43-38-46.147N<br>083-50-58.249W | FI R 2.5s             |               | 4            | Red.             | Replaced by nun f from Dec. 01 to Apr. 21.                                |
| 10745                              | Bay City Yacht Club North Basin Buoy 1 | 43-38-36.960N<br>083-51-00.540W |                       |               |              | Green can.       | Maintained f from May 1 to Oct. 15.<br>Private aid.                       |
| 10746                              | Bay City Yacht Club North Basin Buoy 2 | 43-38-37.320N<br>083-51-00.600W |                       |               |              | Red nun.         | Maintained f from May 1 to Oct. 15.<br>Private aid.                       |
| 10747                              | Bay City Yacht Club North Basin Buoy 3 | 43-38-36.720N<br>083-51-02.340W |                       |               |              | Green can.       | Maintained f from May 1 to Oct. 15.<br>Private aid.                       |
| 10748                              | Bay City Yacht Club North Basin Buoy 4 | 43-38-37.080N<br>083-51-02.400W |                       |               |              | Red nun.         | Maintained f from May 1 to Oct. 15.<br>Private aid.                       |
| 10749                              | Bay City Yacht Club North Basin Buoy 5 | 43-38-36.480N<br>083-51-04.140W |                       |               |              | Green can.       | Maintained f from May 1 to Oct. 15.<br>Private aid.                       |
| 10750                              | Bay City Yacht Club North Basin Buoy 6 | 43-38-36.840N<br>083-51-04.200W |                       |               |              | Red nun.         | Maintained f from May 1 to Oct. 15.<br>Private aid.                       |

| (1)<br>No.   | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure       | (8)<br>Remarks                                    |
|--|---|---------------------------------|-----------------------|---------------|--------------|------------------------|---|
| <b>LAKE HURON</b>  |   |                                 |                       |               |              |                        |   |
| <b>SAGINAW RIVER (Chart 14867)</b>                       |   |                                 |                       |               |              |                        |   |
| <b>Saginaw Bay Channel</b>                               |   |                                 |                       |               |              |                        |   |
| 10751  | Bay City Yacht Club South Basin Buoy 1                              | 43-38-29.400N<br>083-51-00.180W |                       |               |              | Green can.             | Maintained from May 1 to Oct. 15.<br>Private aid. |
| 10752  | Bay City Yacht Club South Basin Buoy 2                              | 43-38-30.000N<br>083-51-00.540W |                       |               |              | Red nun.               | Maintained from May 1 to Oct. 15.<br>Private aid. |
| 10753  | Bay City Yacht Club South Basin Buoy 3                              | 43-38-29.100N<br>083-51-01.080W |                       |               |              | Green can.             | Maintained from May 1 to Oct. 15.<br>Private aid. |
| 10754  | Bay City Yacht Club South Basin Buoy 4                              | 43-38-29.700N<br>083-51-01.440W |                       |               |              | Red nun.               | Maintained from May 1 to Oct. 15.<br>Private aid. |
| <b>Saginaw River</b>                                     |   |                                 |                       |               |              |                        |   |
| <i>Lighted buoys maintained from Apr. 21 to Dec. 01.</i> |   |                                 |                       |               |              |                        |   |
| 10755  | - Buoy 2  | 43-38-31.425N<br>083-50-55.659W |                       |               |              | Red nun.               |   |
| 10760  | ESSEXVILLE RANGE FRONT LIGHT  | 43-37-21.712N<br>083-50-19.204W | F G                   | 38<br>12      |              | KRW on skeleton tower. | Visible 4° each side of range line.               |
| 10765  | ESSEXVILLE RANGE REAR LIGHT<br>1,099 feet, 160.1° from front light. | 43-37-11.502N<br>083-50-14.129W | F G                   | 53<br>16      |              | KRW on skeleton tower. | Visible 4° each side of range line.               |
| 10770  | - Lighted Buoy 3  | 43-38-14.023N<br>083-50-44.040W | FI G 4s               |               | 4            | Green.                 | Can; winter marker.                               |
| 10775  | - Lighted Buoy 4  | 43-38-13.347N<br>083-50-46.595W | FI R 4s               |               | 4            | Red.                   | Nun; winter marker.                               |
| 10780  | - Buoy 5  | 43-37-53.147N<br>083-50-33.561W |                       |               |              | Green can.             |   |
| 10785  | - Buoy 6  | 43-37-52.497N<br>083-50-36.029W |                       |               |              | Red nun.               |   |
| 10790  | - Lighted Buoy 7  | 43-37-37.084N<br>083-50-25.525W | FI G 4s               |               | 4            | Green.                 | Can; winter marker                                |
| 10795  | - Lighted Buoy 8  | 43-37-36.768N<br>083-50-28.260W | FI R 4s               |               | 4            | Red.                   | Nun; winter marker                                |
| 10800  | - Lighted Buoy 10   | 43-37-21.660N<br>083-50-28.940W | FI R 4s               |               | 4            | Red.                   | Nun; winter marker.                               |
| 10805  | - Lighted Buoy 12   | 43-37-09.360N<br>083-50-36.100W | FI R 2.5s             |               | 4            | Red.                   | Nun; winter marker.                               |
| 10810  | - Buoy 14   | 43-37-04.262N<br>083-50-41.831W |                       |               |              | Red nun.               |   |
| 10815  | - Lighted Buoy 16   | 43-36-59.882N<br>083-50-50.854W | FI R 4s               |               | 4            | Red.                   | Nun; winter marker.                               |
| 10817  | - Buoy 18   | 43-36-50.000N<br>083-51-13.800W |                       |               |              | Red nun.               |   |
| 10820  | - Buoy 19   | 43-36-44.701N<br>083-51-38.930W |                       |               |              | Green can.             |   |
| 10825  | - Buoy 20   | 43-36-47.506N<br>083-51-39.091W |                       |               |              | Red nun.               |   |
| 10830  | - Buoy 21   | 43-36-43.768N<br>083-52-44.455W |                       |               |              | Green can.             |   |
| 10835  | - Lighted Buoy 23   | 43-36-36.539N<br>083-53-03.953W | FI G 4s               |               | 4            | Green.                 | Can; winter marker.                               |
| 10840  | - Buoy 25   | 43-36-26.458N<br>083-53-16.618W |                       |               |              | Green can.             |   |
| 10845  | - Buoy 27   | 43-36-05.210N<br>083-53-29.069W |                       |               |              | Green can.             |   |
| 10850  | - Lighted Buoy 28   | 43-35-20.738N<br>083-53-45.962W | FI R 4s               |               | 4            | Red.                   | Nun; winter marker.                               |
| 10855  | - Buoy 30   | 43-34-17.382N<br>083-54-11.857W |                       |               |              | Red nun.               |   |
| 10860  | - Lighted Buoy 31   | 43-34-04.656N<br>083-54-13.918W | FI G 4s               |               | 4            | Green.                 | Can; winter marker.                               |

| (1)<br>No.   | (2)<br>Name and Location | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks      |
|--|--------------------------|---------------------------------|-----------------------|---------------|--------------|------------------|---------------------|
| <b>LAKE HURON</b>  |                          |                                 |                       |               |              |                  |                     |
| <b>SAGINAW RIVER (Chart 14867)</b>                       |                          |                                 |                       |               |              |                  |                     |
| <b>Saginaw River</b>                                     |                          |                                 |                       |               |              |                  |                     |
| <i>Lighted buoys maintained from Apr. 21 to Dec. 01.</i> |                          |                                 |                       |               |              |                  |                     |
| 10862  | - Buoy 33                | 43-33-41.100N<br>083-54-16.530W |                       |               |              | Green can.       |                     |
| 10865  | - Buoy 35                | 43-33-12.960N<br>083-54-18.300W |                       |               |              | Green.           |                     |
| 10870  | - Buoy 37                | 43-33-04.494N<br>083-54-16.441W |                       |               |              | Green can.       |                     |
| 10875  | - <i>Lighted Buoy 36</i> | 43-33-12.926N<br>083-54-21.634W | FI R 4s               |               | 4            | Red.             | Nun; winter marker. |
| 10880  | - Buoy 39                | 43-32-51.878N<br>083-54-12.821W |                       |               |              | Green can.       |                     |
| 10885  | - Buoy 40                | 43-32-52.031N<br>083-54-15.639W |                       |               |              | Red nun.         |                     |
| 10890  | - Buoy 41                | 43-32-41.285N<br>083-54-09.782W |                       |               |              | Green can.       |                     |
| 10895  | - Buoy 42                | 43-32-40.674N<br>083-54-12.381W |                       |               |              | Red nun.         |                     |
| 10900  | - Buoy 43                | 43-32-31.578N<br>083-54-03.812W |                       |               |              | Green.           |                     |
| 10905  | - <i>Lighted Buoy 44</i> | 43-32-29.945N<br>083-54-05.783W | FI R 4s               |               | 4            | Red.             | Nun; winter marker. |
| 10910  | - <i>Lighted Buoy 45</i> | 43-32-26.598N<br>083-53-54.593W | FI G 4s               |               | 4            | Green.           | Can; winter marker. |
| 10915  | - Buoy 46                | 43-32-23.996N<br>083-53-56.734W |                       |               |              | Red nun.         |                     |
| 10925  | - Buoy 47                | 43-32-20.579N<br>083-53-24.554W |                       |               |              | Green can.       |                     |
| 10930  | - <i>Lighted Buoy 48</i> | 43-32-18.376N<br>083-53-26.847W | FI R 4s               |               | 4            | Red.             | Nun; winter marker. |
| 10935  | - Buoy 49                | 43-32-10.874N<br>083-53-10.701W |                       |               |              | Green can.       |                     |
| 10940  | - <i>Lighted Buoy 50</i> | 43-32-09.637N<br>083-53-12.900W | FI R 4s               |               | 4            | Red.             | Nun; winter marker. |
| 10945  | - Buoy 52                | 43-31-56.434N<br>083-53-02.108W |                       |               |              | Red nun.         |                     |
| 10950  | - Buoy 53                | 43-31-53.678N<br>083-52-56.712W |                       |               |              | Green can.       |                     |
| 10955  | - <i>Lighted Buoy 54</i> | 43-31-49.713N<br>083-53-01.051W | FI R 4s               |               | 4            | Red.             | Nun; winter marker. |
| 10960  | - Buoy 55                | 43-31-48.000N<br>083-52-58.500W |                       |               |              | Green can.       |                     |
| 10965  | - Buoy 56                | 43-31-27.436N<br>083-53-09.595W |                       |               |              | Red nun.         |                     |
| 10970  | - <i>Lighted Buoy 57</i> | 43-31-28.000N<br>083-53-06.000W | FI G 4s               |               | 4            | Green.           | Can; winter marker. |
| 10975  | - Buoy 59                | 43-31-12.896N<br>083-53-02.984W |                       |               |              | Green can.       |                     |
| 10980  | - Buoy 60                | 43-31-12.384N<br>083-53-05.585W |                       |               |              | Red nun.         |                     |
| 10985  | - Buoy 61                | 43-30-56.811N<br>083-52-58.671W |                       |               |              | Green can.       |                     |
| 10990  | - <i>Lighted Buoy 62</i> | 43-30-58.454N<br>083-53-01.873W | FI R 4s               |               | 4            | Red.             | Nun; winter marker. |
| 10995  | - Buoy 63                | 43-30-49.987N<br>083-53-00.268W |                       |               |              | Green can.       |                     |
| 11000  | - Buoy 64                | 43-30-50.591N<br>083-53-02.880W |                       |               |              | Red nun.         |                     |
| 11005  | - Buoy 65                | 43-30-38.000N<br>083-53-08.000W |                       |               |              | Green can.       |                     |
| 11010  | - Buoy 66                | 43-30-39.000N<br>083-53-11.000W |                       |               |              | Red nun.         |                     |
| 11015  | - Buoy 67                | 43-30-23.977N<br>083-53-17.413W |                       |               |              | Green can.       |                     |



| (1)<br>No.   | (2)<br>Name and Location       | (3)<br>Position                   | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks                   |
|--|--------------------------------|-----------------------------------|-----------------------|---------------|--------------|---|----------------------------------|
| <b>LAKE HURON</b>  |                                |                                   |                       |               |              |   |                                  |
| <b>SAGINAW RIVER (Chart 14867)</b>                       |                                |                                   |                       |               |              |   |                                  |
| <b>Saginaw River</b>                                     |                                |                                   |                       |               |              |   |                                  |
| <i>Lighted buoys maintained from Apr. 21 to Dec. 01.</i> |                                |                                   |                       |               |              |   |                                  |
| 11020  | - Lighted Buoy 68              | 43-30-25.089N<br>083-53-19.689W   | FI R 4s               |               | 4            | Red.  | Nun; winter marker.              |
| 11035  | - Buoy 69                      | 43-30-05.800N<br>083-53-40.000W   |                       |               |              | Green can.  |                                  |
| 11040  | - Buoy 70                      | 43-30-07.500N<br>083-53-42.000W   |                       |               |              | Red nun.  |                                  |
| 11045  | - Lighted Buoy 71              | 43-29-48.198N<br>083-54-01.786W   | FI G 4s               |               | 4            | Green.  | Can; winter marker.              |
| 11050  | - Buoy 72                      | 43-29-49.414N<br>083-54-03.935W   |                       |               |              | Red nun.  |                                  |
| 11055  | - Buoy 73                      | 43-29-19.976N<br>083-54-27.561W   |                       |               |              | Green can.  |                                  |
| 11060  | - Buoy 74                      | 43-29-22.606N<br>083-54-28.566W   |                       |               |              | Red nun.  |                                  |
| 11065  | - Buoy 76                      | 43-28-32.378N<br>083-54-44.400W   |                       |               |              | Red nun.  |                                  |
| 11070  | - Buoy 78                      | 43-28-18.903N<br>083-54-36.322W   |                       |               |              | Red nun.  |                                  |
| 11075  | - Lighted Buoy 80              | 43-28-13.790N<br>083-54-35.302W   | FI R 4s               |               | 4            | Red.  | Nun; winter marker.              |
| 11080  | - Buoy 82                      | 43-27-44.154N<br>083-54-43.566W   |                       |               |              | Red nun.  |                                  |
| 11082  | - Lighted Buoy 84              | 43-27-30.200N<br>083-54-58.000W   | FI R 2.5s             |               | 4            |   |                                  |
| 11085  | - Buoy 86                      | 43-27-21.515N<br>083-55-21.774W   |                       |               |              | Red nun.  |                                  |
| 11087  | - Lighted Buoy 87              | 43-27-10.000 N<br>083-55-48.000 W | FI G 4s               |               | 4            |   |                                  |
| 11090  | - Buoy 88                      | 43-27-00.901N<br>083-56-06.425W   |                       |               |              | Red nun.  |                                  |
| 11095  | - Buoy 89                      | 43-26-43.943N<br>083-56-12.299W   |                       |               |              | Green can.  |                                  |
| <b>Pinconning Park</b>                                   |                                |                                   |                       |               |              |   |                                  |
| <i>Buoys maintained from May 1 to Oct. 1.</i>            |                                |                                   |                       |               |              |   |                                  |
| 11111  | - Buoy 1                       | 43-50-51.000N<br>083-55-06.000W   |                       |               |              | Green.  | Private aid.                     |
| 11112  | - Buoy 2                       | 43-50-51.000N<br>083-55-06.000W   |                       |               |              | Red.  | Private aid.                     |
| 11113  | - Buoy 3                       | 43-50-51.000N<br>083-55-06.000W   |                       |               |              | Green.  | Private aid.                     |
| 11114  | - Buoy 4                       | 43-50-51.000N<br>083-55-06.000W   |                       |               |              | Red.  | Private aid.                     |
| 11115  | - Buoy 5                       | 43-50-51.000N<br>083-55-06.000W   |                       |               |              | Green.  | Private aid.                     |
| 11116  | - Buoy 6                       | 43-50-51.000N<br>083-55-06.000W   |                       |               |              | Red.  | Private aid.                     |
| <b>SAGINAW BAY (Chart 14863)</b>                         |                                |                                   |                       |               |              |   |                                  |
| <b>Au Gres Harbor</b>                                    |                                |                                   |                       |               |              |   |                                  |
| 11140  | Point Au Gres Obstruction Buoy | 43-59-12.000N<br>083-40-36.000W   |                       |               |              | White with orange bands and diamond worded DANGER SUBMERGED OBSTRUCTION, can. | Maintained from May 1 to Nov. 1. |
| 11145  | - Entrance Buoy 1              | 44-01-01.500N<br>083-39-45.600W   |                       |               |              | Green can.  | Maintained from May 1 to Nov. 1. |
| 11150  | - Entrance Buoy 2              | 44-01-04.920N<br>083-39-43.800W   |                       |               |              | Red nun.  | Maintained from May 1 to Nov. 1. |
| 11155  | - NORTH PIER LIGHT 4           | 44-01-11.990N<br>083-40-00.000W   | FI R 2.5s             | 26<br>8       | 6            | TR on white cylindrical tower with red band.                                  |                                  |

| (1)<br>No.                       | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks   |
|----------------------------------|--|---------------------------------|-----------------------|---------------|--------------|------------------|--|
| <b>LAKE HURON</b>                |  |                                 |                       |               |              |                  |  |
| <b>SAGINAW BAY (Chart 14863)</b> |  |                                 |                       |               |              |                  |  |
| <b>Au Gres Harbor</b>            |  |                                 |                       |               |              |                  |  |
| 11160                            | - SOUTH PIER LIGHT 3   | 44-01-10.880N<br>083-40-03.380W | FI G 4s               | 30<br>9       | 7            | SG on post.      |  |
| 11165                            | ALABASTER TRAMWAY<br>RANGE FRONT LIGHT                                       | 44-11-24.000N<br>083-31-54.000W | F R                   |               |              | Gray box.        | Private aid.   |
| 11170                            | ALABASTER TRAMWAY<br>RANGE REAR LIGHT<br>170 feet, 270° from front<br>light. |                                 | F R                   |               |              | Gray box.        | Private aid.   |
| 11170.1                          | U.S. GYPSUM TRAMWAY<br>LIGHT A   | 44-11-19.000N<br>083-33-19.000W | FI Y 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11170.2                          | U.S. GYPSUM TRAMWAY<br>LIGHT B   | 44-11-18.000N<br>083-33-09.000W | FI Y 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11170.3                          | U.S. GYPSUM TRAMWAY<br>LIGHT C   | 44-11-16.000N<br>083-32-58.000W | FI Y 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11170.4                          | U.S. GYPSUM TRAMWAY<br>LIGHT D   | 44-11-15.000N<br>083-32-49.000W | FI Y 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11170.5                          | U.S. GYPSUM TRAMWAY<br>LIGHT E   | 44-11-14.000N<br>083-32-39.000W | FI Y 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11170.6                          | U.S. GYPSUM TRAMWAY<br>LIGHT F   | 44-11-13.000N<br>083-32-29.000W | FI Y 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11170.7                          | U.S. GYPSUM TRAMWAY<br>LIGHT G   | 44-11-11.000N<br>083-32-19.000W | FI Y 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11170.8                          | U.S. GYPSUM TRAMWAY<br>LIGHT H   | 44-11-10.000N<br>083-32-09.000W | FI Y 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11170.9                          | U.S. GYPSUM TRAMWAY<br>LIGHT I   | 44-11-09.000N<br>083-31-59.000W | FI Y 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11171                            | U.S. GYPSUM TRAMWAY<br>LIGHT J   | 44-11-08.000N<br>083-37-56.000W | FI W 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11171.1                          | U.S. GYPSUM TRAMWAY<br>LIGHT K   | 44-11-09.000N<br>083-31-56.000W | FI W 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11171.2                          | U.S. GYPSUM TRAMWAY<br>LIGHT L   | 44-11-08.000N<br>083-31-54.000W | FI Y 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11171.3                          | U.S. GYPSUM TRAMWAY<br>LIGHT M   | 44-11-09.000N<br>083-31-54.000W | FI Y 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11171.4                          | U.S. GYPSUM TRAMWAY<br>LIGHT N   | 44-11-07.000N<br>083-31-51.000W | FI Y 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11171.5                          | U.S. GYPSUM TRAMWAY<br>LIGHT O   | 44-11-09.000N<br>083-31-51.000W | FI Y 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11171.6                          | U.S. GYPSUM TRAMWAY<br>LIGHT P   | 44-11-24.000N<br>083-33-15.000W | FI Y 4s               |               |              |                  | Maintained from Apr. 15 to Oct.<br>15.<br>Private aid. |
| 11175                            | <i>Northport Marina Entrance<br/>Lighted Buoy 1</i>                          | 44-02-43.800N<br>083-39-12.000W | FI G 2.5s             |               |              | Green.           | Maintained from May 1 to Oct.<br>31.<br>Private aid.   |
| 11180                            | <i>Northport Marina Entrance<br/>Lighted Buoy 2</i>                          | 44-02-45.600N<br>083-39-06.000W | FI R 2.5s             |               |              | Red.             | Maintained from May 1 to Oct.<br>31.<br>Private aid.   |

| (1)<br>No.                                     | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                  | (8)<br>Remarks  |
|--|---|---------------------------------|-----------------------|---------------|--------------|-----------------------------------|---|
| <b>LAKE HURON</b>                              |   |                                 |                       |               |              |                                   |   |
| <b>SAGINAW BAY (Chart 14863)</b>               |   |                                 |                       |               |              |                                   |   |
| <b>National Gypsum Company</b>                 |   |                                 |                       |               |              |                                   |   |
| <i>Aids maintained from Apr. 1 to Dec. 30.</i> |   |                                 |                       |               |              |                                   |   |
| 11190  | - RANGE FRONT LIGHT   | 44-14-15.500N<br>083-32-24.500W | F R                   | 46<br>14      |              | On post.                          | Light operated only for vessel arrivals and departures.<br>Private aid.   |
| 11195  | - RANGE REAR LIGHT<br>1,400 feet, 293.5° from front light.              | 44-14-21.200N<br>083-32-42.000W | F R                   | 78<br>24      |              | On post.                          | Light operated only for vessel arrivals and departures.<br>Private aid.   |
| <b>Tawas</b>                                   |   |                                 |                       |               |              |                                   |   |
| 11240  | - Light   | 44-14-54.012N<br>083-27-32.947W | FI W 4s               | 46<br>14      | 11           | Square skeleton tower.<br>46      | HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si). Fog signal operates by keying VHF FM Marine Radio channel 83A five times. |
| 11245  | - Point Lighted Buoy 2  | 44-14-27.901N<br>083-28-15.333W | FI R 4s               |               | 4            | Red.                              | Maintained from Apr. 28 to Dec. 1.  |
| 11250  | - Harbor Lighted Buoy 4<br>Marks northwest side of shoal.               | 44-15-38.000N<br>083-27-59.100W | FI R 2.5s             |               | 4            | Red.                              | Maintained from Apr. 28 to Dec. 1.  |
| 11255  | - Harbor Lighted Buoy 6   | 44-15-54.000N<br>083-27-10.000W | FI R 4s               |               | 4            | Red.                              | Maintained from 28 April to 01 November   |
| 11265  | - BAY YACHT CLUB RANGE FRONT LIGHT                                      | 44-15-47.400N<br>083-26-59.000W | F R                   | 8<br>2        |              | Red square day mark on pile.      | Maintained from Apr. 1 to Nov. 1.<br>Private aid.   |
| 11270  | - BAY YACHT CLUB RANGE REAR LIGHT<br>150 feet, 165° from front light.   | 44-15-00.770N<br>083-26-00.554W | F R                   | 12<br>4       |              | Red square day mark on pile.      | Maintained from Apr. 1 to Nov. 1.<br>Private aid.   |
| 11275  | JERRY'S MARINA RANGE FRONT LIGHT  | 44-15-48.500N<br>083-26-27.000W | F G                   | 12<br>4       |              | On post.                          | Maintained from Apr. 1 to Nov. 1.<br>Private aid.   |
| 11280  | JERRY'S MARINA RANGE REAR LIGHT<br>400 feet, 128° from front light.     |                                 | F G                   | 20<br>6       |              | On tree.                          | Maintained from Apr. 1 to Nov. 1.<br>Private aid.   |
| 11285  | - BAY HARBOR LIGHT 5  | 44-16-38.000N<br>083-29-10.000W | FI G 6s               | 25<br>8       | 7            | SG on pile.                       |   |
| 11300  | - RIVER RANGE FRONT LIGHT   | 44-15-34.500N<br>083-31-38.000W | F R                   | 10<br>3       |              | White diamond day mark on pile.   | Maintained from Apr. 1 to Dec. 1.<br>Private aid.   |
| 11305  | - RIVER RANGE REAR LIGHT<br>130 feet, 326° from front light.            |                                 | F R                   | 18<br>5       |              | White diamond day mark on pile.   | Maintained from Apr. 1 to Dec. 1.<br>Private aid.   |
| 11306  | - BAY CONDO MARINA RANGE FRONT LIGHT                                    |                                 | F Y                   | 8<br>2        |              | Circular orange day mark on pile. | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| 11307  | - BAY CONDO MARINA RANGE REAR LIGHT<br>252 feet, 132° from front light. |                                 | F Y                   | 15<br>5       |              | Circular orange day mark on pile. | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| 11308.1  | - Bay Condo Marina Buoy 1   | 44-15-23.000N<br>083-31-34.000W | FI G 4s               |               |              |                                   | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| 11308.2  | - Bay Condo Marina Buoy 2   | 44-15-24.000N<br>083-31-32.000W | FI R 4s               |               |              |                                   | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| 11308.3  | - BAY CONDO MARINA LIGHT 3  |                                 | FI G 2.5s             | 11<br>3       |              | SG on pole on south jetty.        | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| 11308.4  | - BAY CONDO MARINA LIGHT 4  |                                 | FI R 2.5s             | 11<br>3       |              | TR on pole on north jetty.        | Maintained from May 1 to Nov. 1.<br>Private aid.  |

| (1)<br>No.   | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks  |
|--|---|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE HURON</b>                                    |   |                                 |                       |               |              |  |   |
| <b>SAGINAW BAY (Chart 14863)</b>                     |   |                                 |                       |               |              |  |   |
| <b>Au Sable</b>                                      |   |                                 |                       |               |              |  |   |
| 11310  | - Point Lighted Buoy 1  | 44-18-59.560N<br>083-17-12.974W | FI G 6s               |               | 4            | Green.   | Maintained from Apr. 28 to Dec. 1.  |
| 11315  | - SOUTH PIERHEAD LIGHT  | 44-24-21.900N<br>083-19-00.300W | FI G 4s               | 25<br>8       | 6            | SG on white tower.   |   |
| 11320  | - NORTH PIERHEAD LIGHT  | 44-24-23.870N<br>083-18-59.380W | FI R 4s               | 25<br>8       | 7            | TR on white tower.   | HORN: 1 blast ev 30s (3s bl).<br>Operates by keying microphone<br>five times on VHF-FM Ch. 83A.                                   |
| <b>HARRISVILLE TO FORTY MILE POINT (Chart 14864)</b> |   |                                 |                       |               |              |  |   |
| <b>Harrisville</b>                                   |   |                                 |                       |               |              |  |   |
| 11323  | - Entrance Buoy 2   | 44-39-46.242N<br>083-16-51.450W |                       |               |              | Red nun  | Maintained from May. 01 to Nov. 01.   |
| 11325  | - EAST BREAKWATER LIGHT<br>3  | 44-39-41.000N<br>083-16-54.500W | FI G 2.5s             | 20<br>6       | 7            | SG on post.  |   |
| 11330  | - WEST BREAKWATER<br>LIGHT 4  | 44-39-38.800N<br>083-16-59.700W | FI R 4s               | 33<br>10      | 5            | TR on column.  |   |
| 11345  | STURGEON POINT LIGHT  | 44-42-45.500N<br>083-16-21.000W | FI W 6s               | 69<br>21      | 9            |  |   |
| 11345.1  | W. H. Rounds Wreck Mooring<br>Buoy  | 44-50-13.139N<br>083-16-56.340W |                       |               |              |  | Private aid.  |
| <b>Thunder Bay National Marine Sanctuary</b>         |   |                                 |                       |               |              |  |   |
| <i>Buoys maintained May 1 through Oct 31.</i>        |   |                                 |                       |               |              |  |   |
| 11348  | TBNMS Wreck Mooring Lighted<br>Buoy   | 44-59-03.800N<br>083-15-11.000W | Q W                   |               |              | Mooring buoy.  | "Montana (Bow)"<br>Private aid.   |
| 11353  | TBNMS Wreck Mooring Lighted<br>Buoy   | 45-03-46.000N<br>083-23-34.000W | Q W                   |               |              | Mooring buoy.  | "William P. Rend"<br>Private aid.   |
| <b>Alpena</b>  |   |                                 |                       |               |              |  |   |
| 11355  | Thunder Bay Traffic Lighted<br>Bell Buoy TB   | 44-58-41.048N<br>083-15-17.282W | Mo (A) W              |               | 4            | Red and white<br>stripes.                                  | Maintained from Apr. 28 to Dec. 1.  |
| 11356  | Haltiner Barge Boiler Wreck<br>Mooring Buoy   | 45-02-08.279N<br>083-19-35.400W |                       |               |              |  | Private aid.  |
| 11360  | North Point Buoy 10   | 45-00-05.930N<br>083-14-56.490W |                       |               |              | Red nun.   |   |
| 11365  | PARTRIDGE POINT MARINA<br>LIGHT   | 45-01-06.000N<br>083-27-00.200W | FI W 2.5s             | 20<br>6       |              | White house.   | Maintained from Apr. 1 to Nov. 1.<br>Private aid.   |
| 11370  | - Light   | 45-03-37.229N<br>083-25-23.022W | FI R 6s               | 44<br>13      | 9            | Red skeleton tower<br>with upper part<br>enclosed.<br>44   | To operate the fog signal, key<br>with microphone on channel 83A<br>VHF marine radio five times.<br>HORN: 1 blast ev 15s (2s bl). |
| 11375  | - SOUTH BREAKWATER<br>LIGHT   | 45-03-35.000N<br>083-25-25.000W | FI G 2.5s             | 29<br>9       | 5            | White tower with<br>green band.                            |   |
| 11380  | CITY OF ALPENA HARBOR<br>ENTRANCE LIGHT 1   | 45-03-37.800N<br>083-25-29.900W | FI G 4s               | 15<br>5       |              | SG on post.  | Maintained from Apr. 1 to Dec. 1.<br>Private aid.   |
| 11385  | CITY OF ALPENA HARBOR<br>ENTRANCE LIGHT 2   | 45-03-37.700N<br>083-25-29.600W | F R                   | 15<br>5       |              | TR on post.  | Maintained from Apr. 1 to Dec. 1.<br>Private aid.   |
| <b>East Alpena Channel</b>                           |   |                                 |                       |               |              |  |   |
| 11386  | LAFARGE CORPORATION<br>CHANNEL RANGE FRONT<br>LIGHT   | 45-04-06.000N<br>083-24-32.000W | F R                   | 76<br>23      |              | Orange and white<br>striped day mark on<br>skeleton tower. | Private aid.  |
| 11387  | LAFARGE CORPORATION<br>CHANNEL RANGE REAR<br>LIGHT<br>L233 yards, 344° from front<br>light. | 45-04-14.000N<br>083-24-32.500W | F R                   | 109<br>33     |              | Orange and white<br>stiped day mark on<br>skeleton tower.  | Private aid.  |
| 11388.1  | - Buoy 2  | 45-02-40.050N<br>083-23-47.000W |                       |               |              | Red nun.   | Private aid.  |

| (1)<br>No.   | (2)<br>Name and Location                                | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|--|---|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE HURON</b>                                    |   |                                 |                       |               |              |   |  |
| <b>HARRISVILLE TO FORTY MILE POINT (Chart 14864)</b> |   |                                 |                       |               |              |   |  |
| <b>East Alpena Channel</b>                           |   |                                 |                       |               |              |   |  |
| 11388.2  | - Buoy 3  | 45-02-45.000N<br>083-23-58.000W |                       |               |              | Green can.  | Private aid.   |
| 11388.3  | - Buoy 4  | 45-02-45.000N<br>083-23-56.500W |                       |               |              | Red nun.  | Private aid.   |
| 11388.4  | - Buoy 6  | 45-02-57.700N<br>083-24-01.500W |                       |               |              | Red nun.  | Private aid.   |
| 11388.5  | - Buoy 7  | 45-03-14.300N<br>083-24-11.000W |                       |               |              | Green can.  | Private aid.   |
| 11388.6  | - Buoy 8  | 45-03-14.800N<br>083-24-08.000W |                       |               |              | Red nun.  | Private aid.   |
| 11388.7  | - Buoy 9  | 45-03-25.000N<br>083-24-14.600W |                       |               |              | Green can.  | Private aid.   |
| 11388.8  | - Buoy 10   | 45-03-25.500N<br>083-24-12.200W |                       |               |              | Red nun.  | Private aid.   |
| 11388.9  | - Buoy 11   | 45-03-35.500N<br>083-24-19.000W |                       |               |              | Green can.  | Private aid.   |
| 11389  | - Buoy 12   | 45-03-36.000N<br>083-24-16.500W |                       |               |              | Red nun.  | Private aid.   |
| 11389.1  | - Buoy 13   | 45-03-45.800N<br>083-24-23.000W |                       |               |              | Green can.  | Private aid.   |
| 11389.2  | - Buoy 14   | 45-03-46.000N<br>083-24-20.900W |                       |               |              | Red nun.  | Private aid.   |
| 11389.3  | - Buoy 15   | 45-03-53.400N<br>083-24-26.100W |                       |               |              | Green can.  | Private aid.   |
| <b>Alpena</b>  |   |                                 |                       |               |              |   |  |
| 11390  | - Junction Lighted Buoy Al                              | 45-02-57.718N<br>083-24-04.930W | FI (2+1)R 6s          |               | 4            | Red with green band.                                      | Replaced by nun from Dec. 1 to Apr. 28.<br>AIS MMSI: 993672225 |
| 11395  | - Channel Buoy 1  | 45-03-03.066N<br>083-24-22.158W |                       |               |              | Green can.  |  |
| 11400  | - Channel Buoy 2  | 45-03-05.741N<br>083-24-20.695W |                       |               |              | Red nun.  |  |
| 11405  | - Channel Buoy 3  | 45-03-13.154N<br>083-24-42.952W |                       |               |              | Green can.  |  |
| 11410  | - Channel Buoy 4  | 45-03-15.031N<br>083-24-38.552W |                       |               |              | Red nun.  |  |
| 11415  | - Channel Buoy 5  | 45-03-23.683N<br>083-25-02.328W |                       |               |              | Green can.  |  |
| <b>Lafarge Corporation Channel</b>                   |   |                                 |                       |               |              |   |  |
| 11420  | - Junction Buoy TB                                      | 45-03-26.286N<br>083-25-00.531W |                       |               |              | Red and green bands.                                      |  |
| 11425  | - RANGE FRONT LIGHT                                     | 45-04-02.100N<br>083-25-02.000W | F G                   | 22<br>7       |              | Orange and white striped day mark on gray skeleton tower. | Private aid.   |
| 11430  | - RANGE REAR LIGHT<br>133 yards, 358° from front light. | 45-04-06.400N<br>083-25-00.700W | F G                   | 38<br>12      |              | Orange and white striped day mark on gray skeleton tower. | Private aid.   |
| <b>East Alpena Channel</b>                           |   |                                 |                       |               |              |   |  |
| <b>Thunder Bay National Marine Sanctuary</b>         |   |                                 |                       |               |              |   |  |
| 11456  | TBNMS Wreck Mooring Lighted Buoy                        | 45-02-35.800N<br>083-14-22.500W | Q W                   |               |              | Mooring buoy.   | "New Orleans"<br>Private aid.                                  |
| <b>HARRISVILLE TO FORTY MILE POINT (Chart 14864)</b> |   |                                 |                       |               |              |   |  |
| 11495  | Thunder Bay Island Light                                | 45-02-14.167N<br>083-11-39.325W | FI G 10s              | 63<br>19      | 16           | Conical tower with dwelling attached.<br>63               |  |
| 11500  | STONYCROFT POINT LIGHT                                  | 45-06-24.000N<br>083-18-30.000W | Q W                   | 30<br>9       |              | TR on red skeleton tower.                                 | Maintained from Mar. 15 to Nov. 15.<br>Private aid.            |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE HURON</b>   |  |                                 |                       |               |              |   |  |
| <b>HARRISVILLE TO FORTY MILE POINT (Chart 14864)</b>  |  |                                 |                       |               |              |   |  |
| 11505   | <i>Nordmeer Wreck Lighted Buoy WR1</i><br>1,470 feet, 102° from last reported position of wreck. | 45-08-08.560N<br>083-09-17.874W | Q G                   |               | 4            |   | RACON: N ( - . )<br>Maintained from Apr. 28 to Dec. 1.<br>AIS MMSI: 993672237                              |
| 11510   | <i>NOAA Lighted Weather Buoy 45003</i>   | 45-21-01.484N<br>082-50-25.620W | FI (4)Y 20s           |               |              | Yellow, disc-shaped hull.   | Maintained from May 14 to Nov 14<br><br>Aid maintained by National Oceanic and Atmospheric Administration. |
| 11515   | <b>Middle Island Light</b>   | 45-11-35.470N<br>083-19-15.701W | FI W 10s              | 78<br>24      | 14           | White conical tower with orange bands in middle with dwelling detached.<br>78 |  |
| 11520   | <i>Middle Island Lighted Buoy 13</i>   | 45-11-13.000N<br>083-18-10.000W | FI G 4s               |               | 5            | Green.  | Maintained from Apr. 28 to Dec. 1.   |
| 11525   | ROCKPORT HARBOR CRIB LIGHT R   | 45-12-17.000N<br>083-22-54.000W | FI W 4s               | 12<br>4       |              | NB on red skeleton tower on crib.   | Maintained from Apr. 15 to Nov. 1.<br>Private aid.   |
| 11530   | STONEPORT LIGHT  | 45-17-48.214N<br>083-25-08.717W | AI WR 10s             |               |              | White cylindrical structure.  | Maintained from Apr. 1 to Dec. 31.<br>Private aid.   |
| 11540   | Stoneport Buoy 3   | 45-19-51.600N<br>083-25-53.400W |                       |               |              | Green can.  | Maintained from Apr. 1 to Dec. 1.<br>Private aid.  |
| 11545   | Stoneport Buoy 5   | 45-19-56.400N<br>083-25-57.400W |                       |               |              | Green can.  | Maintained from Apr. 1 to Dec. 1.<br>Private aid.  |
| <b>Presque Isle Harbor</b>  |  |                                 |                       |               |              |   |  |
| 11550   | <b>Presque Isle Light</b>  | 45-21-23.359N<br>083-29-32.370W | FI W 15s              | 123<br>38     | 22           | 123   |  |
| 11560   | - <i>Entrance Shoal Lighted Bell Buoy 2</i>  | 45-20-21.227N<br>083-27-51.199W | FI R 4s               |               | 4            | Red.  | Maintained from Apr. 28 to Dec. 1.   |
| 11565   | - RANGE FRONT LIGHT  | 45-20-16.467N<br>083-29-25.106W | F G                   | 23<br>7       |              | KRW on skeleton tower.  | Visible 14° each side of range line.   |
| 11570   | - RANGE REAR LIGHT<br>744 feet, 273.9° from front light.   | 45-20-16.982N<br>083-29-35.918W | F G                   | 50<br>15      |              | KRW on skeleton tower.  | Visible 14° each side of range line.   |
| <b>Presque Isle Harbor Marina</b><br><i>Lights and buoys maintained from May 15 to Oct 1.</i> |  |                                 |                       |               |              |   |  |
| 11574   | <i>Presque Isle Harbor Marina Entrance Lighted Buoy 2</i>  | 45-20-18.130N<br>083-28-56.760W | Q R                   |               |              | Red.  | Private aid.   |
| 11575   | - <i>Entrance Lighted Buoy 3</i>   | 45-20-15.620N<br>083-29-05.640W | Q G                   |               |              | Green.  | Private aid.   |
| 11580   | - Entrance Buoy 4  | 45-20-19.600N<br>083-29-00.300W |                       |               |              | Red nun.  | Private aid.   |
| 11585   | - Entrance Buoy 5  | 45-20-18.900N<br>083-29-07.900W |                       |               |              | Green can.  | Private aid.   |
| 11590   | - Entrance Buoy 6  | 45-20-21.500N<br>083-29-04.500W |                       |               |              | Red nun.  | Private aid.   |
| 11595   | - Entrance Buoy 7  | 45-20-21.800N<br>083-29-10.000W |                       |               |              | Green can.  | Private aid.   |
| 11595.5   | - Entrance Buoy 8  | 45-20-22.800N<br>083-29-08.000W |                       |               |              | Red nun.  | Private aid.   |
| 11596   | - Entrance Buoy 9  | 45-20-22.000N<br>083-29-12.000W |                       |               |              | Green can.  | Private aid.   |
| 11600   | - ENTRANCE LIGHT 10  | 45-20-23.700N<br>083-29-08.500W | FI W 2.5s             | 26<br>8       |              | TR on post.   | HORN: 1 blast ev 20s (2s bl).<br>Private aid.  |
| 11605   | - ENTRANCE LIGHT 11  | 45-20-24.000N<br>083-29-11.000W | FI G 4s               | 26<br>8       |              | SG on post.   | Private aid.   |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE HURON</b>   |  |                                 |                       |               |              |   |   |
| <b>HARRISVILLE TO FORTY MILE POINT (Chart 14864)</b>      |  |                                 |                       |               |              |   |   |
| <b>Calcite</b>  |  |                                 |                       |               |              |   |   |
| <i>Aids maintained from May 1 to Dec. 1.</i>              |  |                                 |                       |               |              |   |   |
| 11610   | - BREAKWATER LIGHT 2   | 45-25-02.300N<br>083-46-24.000W | Iso R 4s              | 49<br>15      |              | TR on skeleton tower.                                     | HORN: 1 blast ev 20s (2s bl).<br>Private aid.                                 |
| 11630   | - INCOMING RANGE FRONT LIGHT                                       | 45-24-37.200N<br>083-47-11.500W | F R                   | 30<br>9       |              | White diamond day mark on convey or house.                | Private aid.  |
| 11635   | - INCOMING RANGE REAR LIGHT  | 45-24-36.000N<br>083-47-14.100W | F R                   | 110<br>34     |              | On side of brick house.                                   | Private aid.  |
| 11640   | - OUTGOING RANGE FRONT LIGHT                                       | 45-24-38.200N<br>083-47-06.700W | F G                   | 52<br>16      |              | Two lights, 10 feet apart horizontal.                     | Private aid.  |
| 11645   | - OUTGOING RANGE REAR LIGHT  | 45-24-35.600N<br>083-47-12.700W | F G                   | 78<br>24      |              | Box on convey or structure.                               | Private aid.  |
| <b>Rogers City</b>  |  |                                 |                       |               |              |   |   |
| <i>Buoys maintained from Jun. 1 to Oct. 1.</i>            |  |                                 |                       |               |              |   |   |
| 11660   | - Harbor Channel Lighted Buoy 1                                    | 45-25-26.700N<br>083-48-27.800W | FI G 4s               |               |              | Green.  | Private aid.  |
| 11665   | - Harbor Channel Lighted Buoy 2                                    | 45-25-27.200N<br>083-48-29.300W | FI R 4s               |               |              | Red.  | Private aid.  |
| 11670   | - Harbor Channel Lighted Buoy 3                                    | 45-25-24.600N<br>083-48-29.200W | FI G 6s               |               |              | Green.  | Private aid.  |
| 11675   | - Harbor Channel Lighted Buoy 4                                    | 45-25-25.100N<br>083-48-30.700W | FI R 6s               |               |              | Red.  | Private aid.  |
| 11680   | - Harbor Channel Lighted Buoy 5                                    | 45-25-22.400N<br>083-48-30.600W | FI G 6s               |               |              | Green.  | Private aid.  |
| 11685   | - Harbor Channel Lighted Buoy 6                                    | 45-25-22.900N<br>083-48-32.200W | FI R 6s               |               |              | Red.  | Private aid.  |
| 11690   | - Harbor Channel Lighted Buoy 7                                    | 45-25-20.900N<br>083-48-31.700W | FI G 6s               |               |              | Green.  | Private aid.  |
| 11693   | POLYCHROME LEADING LIGHT   | 45-25-12.000N<br>083-48-36.000W |                       |               |              | 68'   | Red/Clear/Green<br>Private aid.   |
| 11695   | - HARBOR CHANNEL BREAKWATER LIGHT 8                                | 45-25-22.500N<br>083-48-33.200W | FI R 2.5s             | 25<br>8       |              | TR on pole.   | Private aid.  |
| 11700   | - HARBOR CHANNEL BREAKWATER LIGHT 9                                | 45-25-20.900N<br>083-48-35.000W | FI G 2.5s             | 25<br>8       |              | SG on pole.   | Private aid.  |
| 11715   | <b>Forty-Mile Point Light</b>                                      | 45-29-10.228N<br>083-54-49.063W | Iso W 6s              | 66<br>20      | 16           | White square brick tower on dwelling.<br>66               |   |
| <b>STRAITS OF MACKINAC</b>                                |  |                                 |                       |               |              |   |   |
| <b>DE TOUR PASSAGE TO WAUGOSHANCE POINT (Chart 14881)</b> |  |                                 |                       |               |              |   |   |
| 11720   | HAMMOND BAY HARBOR OF REFUGE EAST BREAKWATER LIGHT                 | 45-35-37.457N<br>084-09-44.651W | FI G 2.5s             | 25<br>8       | 5            | SG on post.   |   |
| 11725   | HAMMOND BAY HARBOR OF REFUGE WEST BREAKWATER LIGHT                 | 45-35-33.771N<br>084-09-44.500W | FI R 4s               | 25<br>8       | 4            | TR on post.   |   |
| 11730   | <b>Spectacle Reef Light</b><br>Marks west side of reef.            | 45-46-22.892N<br>084-08-16.802W | FI R 5s               | 86<br>26      | 11           | Gray conical tower on square concrete pier.<br>86         |   |
| 11735   | Raynolds Reef Buoy 1   | 45-46-32.446N<br>084-12-01.360W |                       |               |              | Green can.  |   |
| 11740   | Raynolds Reef Buoy 2   | 45-46-29.845N<br>084-13-46.866W |                       |               |              | Red nun.  |   |
| 11745   | <i>Cordwood Point Lighted Buoy 1</i><br>Marks north side of shoal. | 45-40-51.841N<br>084-18-06.483W | FI G 4s               |               | 4            | Green.  | Replaced by can from Dec. 7 to May. 01.                                       |
| 11750   | POE REEF LIGHT   | 45-41-41.198N<br>084-21-43.598W | Iso W 2s              | 71<br>22      | 9            | Square tower with white and black bands on concrete crib. | RACON: Z ( - - . . )<br>HORN: 1 blast ev 30s (3s bl).<br>Operates year round. |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                   | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|---|--|-----------------------------------|-----------------------|---------------|--------------|---|--|
| <b>STRAITS OF MACKINAC</b>                                |  |                                   |                       |               |              |   |  |
| <b>DE TOUR PASSAGE TO WAUGOSHANCE POINT (Chart 14881)</b> |  |                                   |                       |               |              |   |  |
| 11760   | Poe Reef Buoy 2  | 45-41-30.342N<br>084-21-34.198W   |                       |               |              | Red nun.  |  |
| 11765   | <b>Fourteen Foot Shoal Light</b>                                 | 45-40-47.604N<br>084-26-03.784W   | Oc W 4s               | 51<br>16      | 13           | White conical tower, square structure on concrete crib.<br>51 | Operates year round.<br>HORN: 1 blast ev 15s (2s bl).            |
| 11770   | Fourteen Foot Shoal Buoy 3                                       | 45-41-00.044N<br>084-26-14.918W   |                       |               |              | Green can.  |  |
| 11775   | BOIS BLANC TOWNSHIP DOCK LIGHT                                   | 45-43-36.000N<br>084-27-03.000W   | Q G                   | 17<br>5       |              | On pile.  | Maintained from May 1 to Dec. 1.<br>Private aid.                 |
| <b>Cheboygan</b>  |  |                                   |                       |               |              |   |  |
| 11776   | Leviathan Wreck Mooring Buoy                                     | 45-39-41.940N<br>084-26-05.760W   |                       |               |              |   | Private aid.   |
| 11777   | Genesee Chief Wreck Mooring Buoy                                 | 45-39-44.220N<br>084-26-09.480W   |                       |               |              |   | Private aid.   |
| 11778   | Jenny Lynn Lighted Wreck Buoy 1                                  | 45-39-12.600 N<br>084-26-04.000 W | Q G                   |               | 3            | Green.  | Maintained from May 14 to Oct. 14.                               |
| 11780   | - River Entrance Lighted Buoy 2                                  | 45-39-57.831N<br>084-27-22.684W   | Q R                   |               | 4            | Red.  | Replaced by nun Dec. 07 to Apr. 28.                              |
| 11785   | - River Entrance Buoy 3  | 45-39-52.018N<br>084-27-23.729W   |                       |               |              | Green can.  |  |
| 11790   | - RIVER RANGE FRONT LIGHT  | 45-38-50.698N<br>084-28-22.029W   | F R                   | 48<br>15      |              | KRW on building.  | Visible 4° each side of range line. Lighted throughout 24 hours. |
| 11795   | - RIVER RANGE REAR LIGHT<br>1,119 feet, 212.7° from front light. | 45-38-41.407N<br>084-28-30.538W   | F R                   | 83<br>25      |              | KRW on skeleton tower.  | Visible 4° each side of range line. Lighted throughout 24 hours. |
| 11800   | - River Light 4  | 45-39-28.123N<br>084-27-50.155W   | FI R 4s               | 25<br>8       | 10           | TR on white cylindrical tower.<br>26                          |  |
| <b>MICHIGAN INLAND ROUTE (Chart 14886)</b>                |  |                                   |                       |               |              |   |  |
| <b>Cheboygan River</b>                                    |  |                                   |                       |               |              |   |  |
| 11806   | - Buoy 1   | 45-38-08.566N<br>084-28-49.938W   |                       |               |              |   | Maintained from May 15 to Oct 15.                                |
| 11810   | - Day beacon 3   | 45-38-06.778N<br>084-28-54.356W   |                       |               |              | SG on pile.   |  |
| 11815   | - Day beacon 5   | 45-36-16.967N<br>084-27-52.293W   |                       |               |              | SG on pile.   |  |
| 11820   | - Day beacon 6   | 45-36-06.752N<br>084-27-51.998W   |                       |               |              | TR on pile.   |  |
| 11825   | - Day beacon 7   | 45-35-58.998N<br>084-27-51.731W   |                       |               |              | SG on pile.   |  |
| 11830   | - Day beacon 9   | 45-35-55.872N<br>084-27-53.831W   |                       |               |              | SG on pile.   |  |
| 11835   | - Day beacon 11  | 45-35-50.016N<br>084-28-02.094W   |                       |               |              | SG on pile.   |  |
| 11840   | - Day beacon 12  | 45-35-50.418N<br>084-28-03.053W   |                       |               |              | TR on pile.   |  |
| 11845   | - Day beacon 13  | 45-35-42.829N<br>084-28-06.040W   |                       |               |              | SG on pile.   |  |
| 11850   | - Day beacon 14  | 45-35-43.282N<br>084-28-06.717W   |                       |               |              | TR on pile.   |  |
| 11855   | - Day beacon 15  | 45-35-41.381N<br>084-28-14.859W   |                       |               |              | SG on pile.   |  |
| 11860   | - Day beacon 16  | 45-35-42.188N<br>084-28-15.102W   |                       |               |              | TR on pile.   |  |
| 11865   | - Day beacon 17  | 45-35-43.072N<br>084-28-21.077W   |                       |               |              | SG on pile.   |  |



| (1)<br>No.                                 | (2)<br>Name and Location              | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks                                   |
|--|---------------------------------------|---------------------------------|-----------------------|---------------|--------------|------------------|--|
| <b>STRAITS OF MACKINAC</b>                 |                                       |                                 |                       |               |              |                  |  |
| <b>MICHIGAN INLAND ROUTE (Chart 14886)</b> |                                       |                                 |                       |               |              |                  |  |
| <b>Cheboygan River</b>                     |                                       |                                 |                       |               |              |                  |  |
| 11875                                      | - Day beacon 19                       | 45-35-08.849N<br>084-29-00.037W |                       |               |              | SG on pile.      |  |
| 11880                                      | - Day beacon 20                       | 45-35-07.355N<br>084-29-00.585W |                       |               |              | TR on pile.      |  |
| 11885                                      | - Day beacon 21                       | 45-35-03.594N<br>084-29-04.330W |                       |               |              | SG on pile.      |  |
| <b>Mullett Lake</b>                        |                                       |                                 |                       |               |              |                  |  |
| 11890                                      | - LIGHT 21A                           | 45-34-34.068N<br>084-29-17.549W | FI G 4s               | 24<br>7       | 4            | SG on pole.      |  |
| 11895                                      | - LIGHT 23                            | 45-34-29.144N<br>084-29-19.930W | FI G 6s               | 16<br>5       | 3            | SG on dolphin.   |  |
| 11900                                      | - <i>Lighted Buoy 24</i>              | 45-33-04.764N<br>084-30-27.378W | FI R 4s               |               | 3            | Red.             | Maintained from May 15 to Oct. 15.               |
| 11905                                      | ALOHA STATE PARK NORTH<br>JETTY LIGHT | 45-31-05.000N<br>084-28-05.000W | FI G 2.5s             | 16<br>5       |              | On pile.         | Maintained from May 1 to Dec. 1.<br>Private aid. |
| 11910                                      | ALOHA STATE PARK SOUTH<br>JETTY LIGHT | 45-31-03.000N<br>084-28-04.000W | FI R 2.5s             | 16<br>5       |              | On pile.         | Maintained from May 1 to Dec. 1.<br>Private aid. |
| 11915                                      | - <i>Lighted Buoy 24A</i>             | 45-27-08.184N<br>084-34-31.320W | FI R 4s               |               | 3            | Red.             | Maintained from May 15 to Oct. 15.               |
| <b>Indian River</b>                        |                                       |                                 |                       |               |              |                  |  |
| 11920                                      | - Buoy 25                             | 45-26-56.907N<br>084-34-42.919W |                       |               |              | Green can        | Maintained from May 14 to Oct. 14.               |
| 11925                                      | - Day beacon 27                       | 45-26-51.087N<br>084-34-51.032W |                       |               |              | SG on pile.      |  |
| 11930                                      | - Day beacon 27A                      | 45-26-48.530N<br>084-34-50.254W |                       |               |              | SG on pile.      |  |
| 11935                                      | - Day beacon 28                       | 45-26-51.767N<br>084-34-51.819W |                       |               |              | TR on pile.      |  |
| 11940                                      | - Day beacon 29                       | 45-26-46.171N<br>084-34-50.435W |                       |               |              | SG on pile.      |  |
| 11945                                      | - Day beacon 30                       | 45-26-41.716N<br>084-35-02.641W |                       |               |              | TR on pile.      |  |
| 11950                                      | - Day beacon 31                       | 45-26-38.450N<br>084-35-02.484W |                       |               |              | SG on pile.      |  |
| 11955                                      | - Day beacon 32                       | 45-26-38.287N<br>084-35-03.105W |                       |               |              | TR on pile.      |  |
| 11960                                      | - Day beacon 34                       | 45-26-34.923N<br>084-34-59.773W |                       |               |              | TR on pile.      |  |
| 11965                                      | - Day beacon 35                       | 45-26-33.530N<br>084-34-54.289W |                       |               |              | SG on pile.      |  |
| 11970                                      | - Day beacon 37                       | 45-26-31.105N<br>084-34-51.020W |                       |               |              | SG on pile.      |  |
| 11975                                      | - Day beacon 39                       | 45-26-23.763N<br>084-34-55.226W |                       |               |              | SG on pile.      |  |
| 11976                                      | - Day beacon 39A                      | 45-26-23.173N<br>084-34-59.867W |                       |               |              | SG on pile.      |  |
| 11980                                      | - Day beacon 40                       | 45-26-26.238N<br>084-35-07.785W |                       |               |              | TR on pile.      |  |
| 11985                                      | - Day beacon 41                       | 45-26-25.247N<br>084-35-08.948W |                       |               |              | SG on pile.      |  |
| 11990                                      | - Day beacon 42                       | 45-26-24.825N<br>084-35-10.346W |                       |               |              | TR on pile.      |  |
| 11995                                      | - Day beacon 43                       | 45-26-16.260N<br>084-35-09.134W |                       |               |              | SG on pile.      |  |
| 12000                                      | - Day beacon 44                       | 45-26-14.803N<br>084-35-11.501W |                       |               |              | TR on pile.      |  |
| 12005                                      | - Day beacon 45                       | 45-26-12.860N<br>084-35-13.332W |                       |               |              | SG on pile.      |  |

| (1)<br>No.                                    | (2)<br>Name and Location             | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure         | (8)<br>Remarks   |
|---|--------------------------------------|---------------------------------|-----------------------|---------------|--------------|--------------------------|--|
| <b>STRAITS OF MACKINAC</b>                    |                                      |                                 |                       |               |              |                          |  |
| <b>MICHIGAN INLAND ROUTE (Chart 14886)</b>    |                                      |                                 |                       |               |              |                          |  |
| <b>Indian River</b>                           |                                      |                                 |                       |               |              |                          |  |
| 12010   | - Day beacon 46                      | 45-26-12.956N<br>084-35-24.695W |                       |               |              | TR on pile.              |  |
| 12015   | - Day beacon 47                      | 45-26-12.198N<br>084-35-24.417W |                       |               |              | SG on pile.              |  |
| 12020   | - Day beacon 48                      | 45-26-11.582N<br>084-35-27.596W |                       |               |              | TR on pile.              |  |
| 12025   | - Day beacon 50                      | 45-26-09.258N<br>084-35-26.141W |                       |               |              | TR on pile.              |  |
| 12030   | - Day beacon 52                      | 45-26-07.197N<br>084-35-20.378W |                       |               |              | TR on pile.              |  |
| 12035   | - Day beacon 53                      | 45-26-05.892N<br>084-35-19.723W |                       |               |              | SG on pile.              |  |
| 12040   | - Day beacon 54                      | 45-26-03.071N<br>084-35-29.306W |                       |               |              | TR on pile.              |  |
| 12045   | - Day beacon 55                      | 45-25-57.875N<br>084-35-29.899W |                       |               |              | SG on pile.              |  |
| 12050   | - Day beacon 57                      | 45-25-54.902N<br>084-35-31.825W |                       |               |              | SG on pile.              |  |
| 12055   | - Day beacon 58                      | 45-25-50.960N<br>084-35-46.503W |                       |               |              | TR on pile.              |  |
| 12060   | - Day beacon 60                      | 45-25-42.072N<br>084-35-59.094W |                       |               |              | TR on pile.              |  |
| 12065   | - Day beacon 61                      | 45-25-35.243N<br>084-36-00.968W |                       |               |              | SG on pile.              |  |
| 12070   | - Day beacon 62                      | 45-25-33.651N<br>084-36-06.387W |                       |               |              | TR on pile.              |  |
| 12075   | - Day beacon 63                      | 45-25-24.027N<br>084-36-06.401W |                       |               |              | SG on pile.              |  |
| 12080   | - Day beacon 66                      | 45-25-17.229N<br>084-36-14.800W |                       |               |              | TR on pile.              |  |
| 12085   | - Day beacon 67                      | 45-25-04.746N<br>084-36-15.066W |                       |               |              | SG on pile.              |  |
| 12090   | - Day beacon 68                      | 45-25-02.103N<br>084-36-21.598W |                       |               |              | TR on pile.              |  |
| <b>Burt Lake</b>                              |                                      |                                 |                       |               |              |                          |  |
| 12095   | - LIGHT 70                           | 45-24-37.000N<br>084-37-27.000W | FI R 4s               | 15<br>5       | 4            | TR on pile.              |  |
| 12100   | - Obstruction Buoy                   | 45-24-10.752N<br>084-38-14.034W |                       |               |              | White with orange bands. | Maintained from May 15 to Oct. 15. Worded: SUBMERGED OBJECT. |
| 12105   | - LIGHT 71                           | 45-28-16.297N<br>084-43-22.204W | FI G 4s               | 15<br>5       | 4            | SG on pile.              |  |
| <b>MICHIGAN INLAND ROUTE (Chart 14886)</b>    |                                      |                                 |                       |               |              |                          |  |
| 12110   | Crooked River Day beacon 73          | 45-28-13.605N<br>084-43-38.958W |                       |               |              | SG on pile.              |  |
| 12115   | Crooked River Day beacon 75          | 45-28-16.497N<br>084-43-56.316W |                       |               |              | SG on pile.              |  |
| <b>Crooked Lake</b>                           |                                      |                                 |                       |               |              |                          |  |
| <i>Buoys maintained from May 7 to Nov. 1.</i> |                                      |                                 |                       |               |              |                          |  |
| 12120   | - LIGHT 77                           | 45-25-50.182N<br>084-47-17.155W | FI G 4s               | 15<br>5       | 3            | SG on pile.              |  |
| 12125   | - Day beacon 79                      | 45-25-25.626N<br>084-47-29.063W |                       |               |              | SG on pile.              |  |
| 12130   | - Day beacon 80                      | 45-25-26.401N<br>084-47-30.021W |                       |               |              | TR on pile.              |  |
| 12135   | PICKEREL CHANNEL<br>ENTRANCE LIGHT 2 | 45-24-57.144N<br>084-47-42.830W | FI R 4s               | 15<br>5       | 3            | TR on pile.              |  |
| 12140   | - Day beacon 81                      | 45-25-05.762N<br>084-48-07.694W |                       |               |              | SG on pile.              |  |
| 12150   | - Day beacon 83                      | 45-25-08.614N<br>084-48-31.413W |                       |               |              | SG on pile.              |  |
| 12155   | - Day beacon 84                      | 45-25-09.102N<br>084-48-31.320W |                       |               |              | TR on pile.              |  |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                             | (8)<br>Remarks  |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>STRAITS OF MACKINAC</b>                                |   |                                 |                       |               |              |  |   |
| <b>MICHIGAN INLAND ROUTE (Chart 14886)</b>                |   |                                 |                       |               |              |  |   |
| <b>Crooked Lake</b>                                       |   |                                 |                       |               |              |  |   |
| <i>Buoys maintained from May 7 to Nov. 1.</i>             |   |                                 |                       |               |              |  |   |
| 12160   | - Day beacon 85   | 45-25-09.868N<br>084-48-48.824W |                       |               |              | SG on pile.                                  |   |
| 12165   | - Day beacon 86   | 45-25-10.506N<br>084-48-48.684W |                       |               |              | TR on pile.                                  |   |
| 12170   | - Day beacon 87   | 45-25-11.605N<br>084-49-05.606W |                       |               |              | SG on pile.                                  |   |
| <b>DE TOUR PASSAGE TO WAUGOSHANCE POINT (Chart 14881)</b> |   |                                 |                       |               |              |  |   |
| 12175   | Cheboygan Buoy 5  | 45-41-15.077N<br>084-27-22.619W |                       |               |              | Green can.                                   |   |
| 12180   | <i>Cheboygan Traffic Lighted Bell Buoy</i>                                    | 45-42-14.510N<br>084-28-18.242W | Mo (A) W              |               | 4            | Red and white stripes.                       | NOTE: Vessels are requested to leave buoy on port hand in passing. Maintained from May . 01. to Dec. 7. |
| 12182   | <i>St. Andrew Wreck Mooring Buoy</i>  | 45-42-03.000N<br>084-31-48.660W |                       |               |              |  | Private aid.  |
| 12185   | Zela Shoal Buoy 6<br>Marks west side of shoal.                                | 45-46-29.546N<br>084-33-54.651W |                       |               |              | Red nun.                                     |   |
| <b>LAKE MICHIGAN</b>                                      |   |                                 |                       |               |              |  |   |
| <b>DE TOUR PASSAGE TO WAUGOSHANCE POINT (Chart 14881)</b> |   |                                 |                       |               |              |  |   |
| 12191   | EAST BREAKWATER LIGHT 1   | 45-46-44.200N<br>084-34-13.700W | FI G 2.5s             |               |              |  | Maintained from May 1 to Oct. 15.<br>Private aid.   |
| 12192   | WEST BREAKWATER LIGHT 2   | 45-46-43.300N<br>084-43-10.000W | FI R 2.5s             |               |              |  | Maintained from May 1 to Oct. 15.<br>Private aid.   |
| <b>STRAITS OF MACKINAC</b>                                |   |                                 |                       |               |              |  |   |
| <b>DE TOUR PASSAGE TO WAUGOSHANCE POINT (Chart 14881)</b> |   |                                 |                       |               |              |  |   |
| 12195   | MACKINAW CITY HARBOR ENTRANCE LIGHT 1   | 45-46-53.100N<br>084-43-12.500W | FI G 2.5s             | 25            | 5            | SG on pile.                                  |   |
| 12200   | MACKINAW CITY HARBOR ENTRANCE LIGHT 2   | 45-46-51.372N<br>084-43-16.662W | FI R 4s               | 25            | 4            | TR on pile.                                  |   |
| 12201   | <i>Straits State Harbor Lighted Buoy A</i>                                    | 45-46-43.980N<br>084-43-07.386W | Q R                   |               |              |  | Private aid.  |
| <b>North End of Lake Huron</b>                            |   |                                 |                       |               |              |  |   |
| 12205   | <b>Martin Reef Light</b><br>Marks south side of reef.                         | 45-54-47.292N<br>084-08-54.950W | FI R 10s              | 65            | 13           | White square tower on concrete crib. 65      | HORN: 1 blast ev 30s (3s bl).<br>Maintained from Apr. 01 to Nov. 01                                     |
| 12210   | <i>Pomeroy Reef Lighted Gong Buoy 2PR</i><br>Marks west side of Pomeroy Reef. | 45-55-27.500N<br>084-12-32.824W | FI R 4s               |               | 4            | Red.   | Maintained from May 1 to Dec 01.  |
| 12215   | Tobin Reef Buoy 1<br>Marks northwest side of reef.                            | 45-56-29.722N<br>084-12-16.659W |                       |               |              | Green can.                                   |   |
| <b>LES CHENEUX ISLANDS (Chart 14885)</b>                  |   |                                 |                       |               |              |  |   |
| 12220   | <b>Crow Island Leading Light</b>  | 45-58-06.000N<br>084-14-24.000W | Iso W 6s              | 31            | 11           | Black rectangular day mark on gray tower. 32 |   |
| 12222   | <i>Les Cheneaux Island Lighted Buoy 2</i>                                     | 45-56-29.900N<br>084-13-14.000W | FI R 6s               |               | 4            | Red.   | Replaced by nun f from Dec. 1 to May 1.   |
| 12225   | <i>Les Cheneaux Island Lighted Buoy 3</i>                                     | 45-56-54.700N<br>084-14-27.800W | FI G 6s               |               | 4            | Green.                                       | Replaced by can f from Dec. 1 to May 1.   |
| 12230   | <i>Les Cheneaux Island Lighted Buoy 4</i>                                     | 45-57-25.700N<br>084-13-49.000W | FI R 2.5s             |               | 4            | Red.   | Replaced by nun f from Dec. 1 to May 1.   |
| 12235   | <i>Les Cheneaux Island Lighted Buoy 5</i>                                     | 45-57-36.000N<br>084-14-23.000W | FI G 2.5s             |               | 4            | Green.                                       | Replaced by can f from Dec. 1 to May 1.   |

| (1)<br>No.                                      | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure        | (8)<br>Remarks                                      |
|---|--|---------------------------------|-----------------------|---------------|--------------|-------------------------|---|
| <b>STRAITS OF MACKINAC</b>                      |  |                                 |                       |               |              |                         |   |
| <b>LES CHENEUX ISLANDS (Chart 14885)</b>        |  |                                 |                       |               |              |                         |   |
| 12240   | <i>Port Dolomite Lighted Buoy 7</i>                              | 45-58-50.676N<br>084-16-26.013W | FI G 4s               |               | 4            | Green.                  | Replaced by can f from Dec. 1 to May 1.             |
| 12243   | Port Dolomite Buoy 9   | 45-58-54.300N<br>084-16-59.500W |                       |               |              | Green can.              |   |
| 12245   | MCKAY BAY RANGE FRONT LIGHT                                      | 45-59-57.000N<br>084-16-28.000W | F R                   | 23<br>7       |              | NR on white structure.  | Maintained f from Apr. 1 to Dec. 1.<br>Private aid. |
| 12250   | MCKAY BAY RANGE REAR LIGHT<br>600 feet, 309° f from front light. | 45-59-05.000N<br>084-16-00.000W | F R                   | 58<br>18      |              | NR on white structure.  | Maintained f from Apr. 1 to Dec. 1.<br>Private aid. |
| 12260   | <i>Penny Island Point Lighted Buoy 1</i><br>Marks shoal.         | 45-56-52.765N<br>084-17-06.292W | FI G 4s               |               | 4            | Green.                  | Maintained f from May 14 to Oct. 21.                |
| 12265   | Scammons Harbor Buoy 3   | 45-57-35.247N<br>084-17-40.959W |                       |               |              | Green can.              | Maintained f from May 14 to Oct. 21.                |
| 12270   | <i>Scammons Harbor Lighted Buoy 4</i>                            | 45-57-56.964N<br>084-17-58.185W | FI R 2.5s             |               | 4            | Red.                    | Maintained f from May 14 to Oct. 21.                |
| 12275   | ISLE ISIDORE LIGHT   | 45-58-12.000N<br>084-18-18.000W | FI W 4s               | 15<br>5       |              | White triangular tower. | Maintained f from Jul. to Sep.<br>Private aid.      |
| <b>Cedarville East Channel</b>                  |  |                                 |                       |               |              |                         |   |
| <i>Buoys maintained from May 14 to Oct. 21.</i> |  |                                 |                       |               |              |                         |   |
| 12280   | - Buoy 5   | 45-58-52.540N<br>084-19-38.937W |                       |               |              | Green can.              |   |
| 12285   | - Buoy 6   | 45-59-16.504N<br>084-20-00.115W |                       |               |              | Red nun.                |   |
| 12290   | - <i>Lighted Buoy 7</i>  | 45-59-15.914N<br>084-20-01.571W | FI G 4s               |               | 3            | Green                   |   |
| 12295   | - Buoy 8   | 45-59-30.498N<br>084-20-22.117W |                       |               |              | Red nun.                |   |
| 12300   | - Buoy 9   | 45-59-29.756N<br>084-20-22.969W |                       |               |              | Green can.              |   |
| 12305   | - <i>Lighted Buoy 10</i>   | 45-59-39.987N<br>084-20-45.245W | Q R                   |               | 3            | Red.                    |   |
| 12310   | - Buoy 11  | 45-59-37.858N<br>084-20-46.014W |                       |               |              | Green can.              |   |
| 12315   | - Buoy 12  | 45-59-38.105N<br>084-21-00.462W |                       |               |              | Red nun.                |   |
| 12320   | - Buoy 13  | 45-59-36.910N<br>084-21-00.517W |                       |               |              | Green can.              |   |
| <b>Les Cheneaux Islands Middle Entrance</b>     |  |                                 |                       |               |              |                         |   |
| <i>Buoys maintained from May 14 to Oct. 21.</i> |  |                                 |                       |               |              |                         |   |
| 12325   | - Buoy 1<br>Marks southeast side of shoal.                       | 45-56-57.662N<br>084-20-14.096W |                       |               |              | Green can.              | Maintained year round.                              |
| 12330   | - Buoy 3   | 45-57-04.197N<br>084-20-34.475W |                       |               |              | Green can.              | Maintained year round.                              |
| 12335   | - Buoy 4   | 45-57-25.616N<br>084-21-13.170W |                       |               |              | Red nun.                |   |
| 12340   | - <i>Lighted Buoy 5</i>  | 45-57-24.800N<br>084-21-14.300W | FI G 2.5s             |               | 3            | Green.                  |   |
| 12345   | - Buoy 7   | 45-57-28.669N<br>084-21-21.198W |                       |               |              | Green can.              |   |
| 12350   | - Buoy 8   | 45-57-39.985N<br>084-21-32.103W |                       |               |              | Red nun.                |   |
| 12355   | - <i>Lighted Buoy 10</i>   | 45-57-50.318N<br>084-21-45.880W | Q R                   |               | 3            | Red.                    |   |
| 12360   | Goose Island Buoy 1  | 45-54-09.892N<br>084-25-10.865W |                       |               |              | Green can.              | Maintained year round.                              |
| 12365   | Goose Island Shoal Buoy 1  | 45-53-39.846N<br>084-28-45.261W |                       |               |              | Green can.              | Maintained year round.                              |

| (1)<br>No.                                      | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks                          |
|---|---|---------------------------------|-----------------------|---------------|--------------|------------------|---|
| <b>STRAITS OF MACKINAC</b>                      |   |                                 |                       |               |              |                  |   |
| <b>LES CHENEAUX ISLANDS (Chart 14885)</b>       |   |                                 |                       |               |              |                  |   |
| <b>Les Cheneaux Islands Middle Entrance</b>     |   |                                 |                       |               |              |                  |   |
| <i>Buoys maintained from May 14 to Oct. 21.</i> |   |                                 |                       |               |              |                  |   |
| 12370   | Goose Island Shoal Lighted Buoy 2<br>Marks northwest side of shoal. | 45-54-10.316N<br>084-29-45.620W | FI R 4s               |               | 4            | Red.             | Replaced by nun from Oct. 21 to May 14. |
| <b>Les Cheneaux Islands West Entrance</b>       |   |                                 |                       |               |              |                  |   |
| <i>Buoys maintained from May 14 to Oct. 21.</i> |   |                                 |                       |               |              |                  |   |
| 12375   | - Lighted Buoy 1<br>Marks shoal.                                    | 45-57-51.733N<br>084-27-04.928W | FI G 4s               |               | 4            | Green.           |   |
| 12380   | - Lighted Buoy 2<br>Marks northwest side of shoal.                  | 45-58-59.657N<br>084-27-10.148W | FI R 4s               |               | 4            | Red.             |   |
| 12385   | - Lighted Buoy 3<br>Marks shoal.                                    | 45-59-39.071N<br>084-26-42.131W | FI G 4s               |               | 4            | Green.           |   |
| 12390   | - Lighted Buoy 4<br>Marks west side of shoal.                       | 45-59-57.488N<br>084-26-23.638W | FI R 4s               |               | 4            | Red.             |   |
| 12395   | - Buoy 5  | 46-00-12.650N<br>084-26-10.270W |                       |               |              | Green can.       |   |
| 12400   | - Buoy 6  | 45-59-57.840N<br>084-25-53.021W |                       |               |              | Red nun.         |   |
| 12405   | - Buoy 8  | 45-59-46.159N<br>084-25-36.566W |                       |               |              | Red nun.         |   |
| <b>Mackinac Bay Passage</b>                     |   |                                 |                       |               |              |                  |   |
| 12410   | - Lighted Buoy 10   | 45-59-19.602N<br>084-24-08.999W | FI R 2.5s             |               | 3            | Red.             |   |
| 12415   | - Buoy 11   | 45-59-21.483N<br>084-24-13.312W |                       |               |              | Green can.       |   |
| 12420   | - Buoy 12   | 45-59-32.346N<br>084-24-02.902W |                       |               |              | Red nun.         |   |
| 12425   | - Buoy 13   | 45-59-35.087N<br>084-24-04.809W |                       |               |              | Green can.       |   |
| 12430   | - Buoy 14   | 45-59-33.706N<br>084-23-58.672W |                       |               |              | Red nun.         |   |
| 12435   | - Buoy 15   | 45-59-35.274N<br>084-23-58.134W |                       |               |              | Green can.       |   |
| 12440   | - Buoy 16   | 45-59-21.841N<br>084-23-32.577W |                       |               |              | Red nun.         |   |
| 12441   | - Buoy 16A  | 45-59-20.460N<br>084-23-22.140W |                       |               |              | Red nun.         |   |
| 12445   | - Buoy 17   | 45-59-23.228N<br>084-23-30.160W |                       |               |              | Green can.       |   |
| 12450   | - Buoy 18   | 45-59-17.626N<br>084-23-13.652W |                       |               |              | Red nun.         |   |
| 12455   | - Buoy 19   | 45-59-18.308N<br>084-23-11.146W |                       |               |              | Green can.       |   |
| 12460   | - Buoy 20   | 45-59-05.555N<br>084-22-58.655W |                       |               |              | Red nun.         |   |
| 12465   | - Buoy 21   | 45-59-05.967N<br>084-22-57.062W |                       |               |              | Green can.       |   |
| 12470   | - Buoy 22   | 45-58-53.827N<br>084-22-44.701W |                       |               |              | Red nun.         |   |
| 12475   | - Buoy 23   | 45-58-52.660N<br>084-22-39.619W |                       |               |              | Green can.       |   |
| <b>Muscallonge Bay</b>                          |   |                                 |                       |               |              |                  |   |
| <i>Buoys maintained from May 14 to Oct. 21.</i> |   |                                 |                       |               |              |                  |   |
| 12480   | - Buoy 24   | 45-58-35.521N<br>084-22-12.179W |                       |               |              | Red nun.         |   |
| 12485   | - Buoy 25   | 45-58-36.716N<br>084-22-11.492W |                       |               |              | Green can.       |   |
| 12490   | - Buoy 26   | 45-58-27.007N<br>084-21-56.879W |                       |               |              | Red nun.         |   |
| 12495   | - Buoy 27   | 45-58-10.349N<br>084-21-14.414W |                       |               |              | Green can.       |   |
| 12500   | - Lighted Buoy 29   | 45-58-09.966N<br>084-20-55.105W | FI G 4s               |               | 3            | Green.           |   |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure             | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|------------------------------|---|
| <b>STRAITS OF MACKINAC</b>                                |  |                                 |                       |               |              |                              |   |
| <b>LES CHENEAU ISLANDS (Chart 14885)</b>                  |  |                                 |                       |               |              |                              |   |
| <b>Cedarville West Channel</b>                            |  |                                 |                       |               |              |                              |   |
| <i>Buoys maintained from May 14 to Oct. 21.</i>           |  |                                 |                       |               |              |                              |   |
| 12505   | - Buoy 30  | 45-58-49.915N<br>084-20-50.106W |                       |               |              | Red nun.                     |   |
| 12510   | - Lighted Buoy 31  | 45-58-50.959N<br>084-20-54.363W | FI G 4s               |               | 3            | Green.                       |   |
| 12515   | - Buoy 32  | 45-59-16.283N<br>084-21-21.200W |                       |               |              | Red nun.                     |   |
| 12520   | - Lighted Buoy 33  | 45-59-17.189N<br>084-21-24.304W | Q G                   |               | 3            | Green.                       |   |
| 12525   | - Buoy 34  | 45-59-28.972N<br>084-21-24.359W |                       |               |              | Red nun.                     |   |
| 12530   | - Buoy 35  | 45-59-30.428N<br>084-21-26.199W |                       |               |              | Green can.                   |   |
| 12532   | <i>Ailes Point Lighted Danger Buoy</i>                                     | 45-59-34.132N<br>084-21-17.582W | FI W 2.5s             |               | 4            | White with orange bands.     | "DANGER ROCKS"  |
| <b>DE TOUR PASSAGE TO WAUGOSHANCE POINT (Chart 14881)</b> |  |                                 |                       |               |              |                              |   |
| 12535   | BOIS BLANC LIGHT   | 45-48-40.755N<br>084-25-14.640W | FI W 2.5s             | 32<br>10      | 7            | White cylindrical tower.     | Visible from 101° to 311°.  |
| <b>Round Island Passage</b>                               |  |                                 |                       |               |              |                              |   |
| 12540   | <i>Mission Point Lighted Bell Buoy 2</i><br>Marks shoal.                   | 45-50-55.447N<br>084-35-56.658W | Q R                   |               | 4            | Red.                         | Replaced by nun f from Dec. 7 to Apr. 28.   |
| 12545   | MACKINAC ISLAND EAST BREAKWATER LIGHT 2                                    | 45-50-45.955N<br>084-36-32.865W | FI R 2.5s             | 25<br>8       | 5            | TR on white pile.            |   |
| 12550   | MACKINAC ISLAND WEST BREAKWATER LIGHT 1                                    | 45-50-39.396N<br>084-36-51.814W | FI G 2.5s             | 33<br>10      | 4            | SG on post.                  |   |
| 12565   | PASSENGER PIERHEAD LIGHT   | 45-50-39.300N<br>084-36-27.700W | F R                   | 20<br>6       |              | On white post.               | Maintained from May 1 to Oct. 1.<br><br>Private aid.  |
| 12570   | COAL DOCK PIERHEAD LIGHT   | 45-50-54.000N<br>084-36-59.100W | F W                   | 14<br>4       |              | On white post.               | Maintained from May 1 to Oct. 1.<br><br>Private aid.  |
| 12575   | <i>Round Island Lighted Buoy 3</i><br>Marks shoal.                         | 45-50-27.447N<br>084-36-31.060W | FI G 4s               |               | 4            | Green.                       | Replaced by can f from Dec. 7 to Apr. 28.<br>AIS MMSI: 993672251  |
| 12580   | - Light  | 45-50-34.928N<br>084-36-55.431W | FI R 5s               | 71<br>22      | 11           | Lighthouse.<br>71            | RACON: X ( - . . - )<br>HORN: 1 blast ev 30s (3s bl).<br>Operates by keying the microphone 5 times on VHF-FM channel 83A. |
| <b>DE TOUR PASSAGE TO WAUGOSHANCE POINT (Chart 14881)</b> |  |                                 |                       |               |              |                              |   |
| 12583   | <i>William H. Barnum Wreck Mooring Buoy</i>                                | 45-44-42.900N<br>084-37-51.480W |                       |               |              |                              | Private aid.  |
| <b>Round Island Passage</b>                               |  |                                 |                       |               |              |                              |   |
| 12585   | <b>Old Round Island Point Light</b>  | 45-50-12.000N<br>084-37-00.000W | FI (2)W 10s           | 53<br>16      |              | Red and white conical tower. | Private aid.  |
| 12590   | <i>Round Island Shoal Lighted Buoy 5</i><br>Marks shoal.                   | 45-50-17.646N<br>084-37-05.661W | Q G                   |               | 4            | Green.                       | Replaced by can f from Dec. 7 to Apr. 28.<br>AIS MMSI: 993672252  |
| 12595   | Majors Shoal East Buoy 1<br>Marks east side of shoal.                      | 45-48-59.945N<br>084-39-05.067W |                       |               |              | Green can.                   | Replaced by smaller can f from Dec. 7 to Apr. 28.   |
| 12600   | <i>Majors Shoal Lighted Buoy 3</i><br>Marks west side of shoal.            | 45-49-01.745N<br>084-39-51.469W | FI G 2.5s             |               | 4            | Green.                       | Replaced by can f from Dec. 7 to Apr. 28.   |
| 12605   | <i>North Graham Shoal Lighted Bell Buoy 3</i><br>Marks east side of shoal. | 45-50-14.545N<br>084-41-12.773W | FI G 4s               |               | 4            | Green.                       | Replaced by can f from Dec. 7 to Apr. 28.   |

| (1)<br>No.  | (2)<br>Name and Location                                 | (3)<br>Position                 | (4)<br>Characteristic                                    | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                   | (8)<br>Remarks   |
|---|--|---------------------------------|--|---------------|--------------|--|--|
| <b>STRAITS OF MACKINAC</b>                                |  |                                 |  |               |              |  |  |
| <b>DE TOUR PASSAGE TO WAUGOSHANCE POINT (Chart 14881)</b> |  |                                 |  |               |              |  |  |
| <b>Round Island Passage</b>                               |  |                                 |  |               |              |  |  |
| 12607   | ST. IGNACE COAST GUARD<br>SLIP LIGHT                     | 45-51-19.700N<br>084-42-09.000W | FI W 6s  | 16<br>5       | 3            | NW on dolphin.                                     |  |
| 12608   | <b>Wawatam Lighthouse</b>                                | 45-51-57.370N<br>084-42-55.550W | FI W 5s  |               |              | Lighthouse<br>62                                   | Private aid.   |
| 12609   | ST. IGNACE MARINA<br>ENTRANCE LIGHT 1                    | 45-51-57.400N<br>084-43-03.400W | FI G 2.5s  | 25<br>8       |              | SG on white pole.                                  | Private aid.   |
| 12609.5   | ST. IGNACE MARINA<br>ENTRANCE LIGHT 2                    | 45-51-58.300N<br>084-43-00.600W | FI R 2.5s  | 25<br>8       |              | TR on white pole.                                  | Private aid.   |
| 12610   | ST. IGNACE MARINA<br>NORTHEAST BREAKWALL<br>LIGHT        | 45-52-04.300N<br>084-43-04.000W | FI Y 2.5s  | 10<br>3       |              | NY on white pole.                                  | Private aid.   |
| 12615   | NORTHWESTERN DOCK<br>LIGHT                               | 45-52-28.200N<br>084-42-53.000W | Q W  | 20<br>6       |              | On middle of three<br>mooring dolphins.            | Maintained from Apr. 15 to Dec.<br>15.<br>Private aid.               |
| <b>Mackinaw Bridge</b>                                    |  |                                 |  |               |              |  |  |
| <i>Buoys maintained from Apr. 28 to Dec. 7.</i>           |  |                                 |  |               |              |  |  |
| 12625   | <i>Mackinac Bridge Lighted Bell<br/>Buoy 1</i>           | 45-48-29.344N<br>084-42-26.076W | FI G 4s  |               | 5            | Green.   | Maintained from May. 01 to Dec.<br>07.<br>AIS MMSI: 993672140.       |
| 12630   | <i>Mackinac Bridge Lighted Gong<br/>Buoy 2</i>           | 45-49-07.845N<br>084-42-27.276W | FI R 4s  |               | 4            | Red.   | Maintained from May. 01 to Dec.<br>07.<br>AIS MMSI: 993672141.       |
| 12635   | South Graham Shoal Buoy 2A<br>Marks south side of shoal. | 45-49-31.545N<br>084-42-20.276W |  |               |              | Red nun.   |  |
| 12640   | <b>Mackinac Bridge Fog Signal</b>                        | 45-48-55.100N<br>084-43-40.900W |  |               |              | On center span of<br>Mackinac Bridge.              | HORN: 2 blasts ev 20s (2s bl-2s<br>si-2s bl-14s si).<br>Private aid. |
| 12645   | <i>Mackinac Bridge Lighted Bell<br/>Buoy 3</i>           | 45-48-38.744N<br>084-44-08.481W | FI G 2.5s  |               | 4            | Green.   | Maintained from May. 01 to Dec.<br>07.<br>AIS MMSI: 993672142.       |
| 12650   | <i>Mackinac Bridge Lighted Gong<br/>Buoy 4</i>           | 45-49-15.544N<br>084-44-08.481W | FI R 2.5s  |               | 4            | Red.   | Maintained from May. 01 to Dec.<br>07.<br>AIS MMSI: 993672143.       |
| 12651   | <b>McGulpin Point Lighthouse</b>                         | 45-47-13.128N<br>084-46-21.756W | FI W 4s  |               |              | 108  | Private aid.   |
| 12653   | <i>Michigan Tech Weather Buoy</i>                        | 45-49-30.948N<br>084-46-19.806W | Q Y  |               |              |  | Private aid.   |
| <b>LAKE HURON, CANADA</b>                                 |  |                                 |  |               |              |  |  |
| <b>PORT HURON TO PTE AUX BARQUES (Chart 14862)</b>        |  |                                 |  |               |              |  |  |
| <b>East Side</b>  |  |                                 |  |               |              |  |  |
| 12660   | <b>Goderich (Main) Light (C)</b>                         | 43-44-30.000N<br>081-43-36.000W | FI (2) W 25s<br>0.5s fl 5.5s ec.<br>0.5s fl 18.5s<br>ec. | 140<br>43     | 18           | White square tower<br>with red top.                | Seasonal.  |
| 12670   | <b>Point Clark Light (C)</b>                             | 44-04-24.000N<br>081-45-24.000W | FI W 3.5s  | 93<br>28      | 16           | White circular<br>tower.                           | Seasonal.  |
| 12675   | <b>Cove Island Light (C)</b>                             | 45-19-36.000N<br>081-44-06.000W | FI W 5s  | 101<br>31     | 18           | White circular<br>tower with dwelling<br>attached. | Seasonal. Emergency light.   |
| 12685   | <b>Great Duck Island Light (C)</b>                       | 45-38-30.000N<br>082-57-48.000W | FI (3) W 15s<br>fl 2.5s ec.<br>fl 2.5s ec.<br>fl 10s ec. | 108<br>33     |              | White octagonal<br>tower.                          | Seasonal. Emergency light.   |

| (1)<br>No.   | (2)<br>Name and Location            | (3)<br>Position                   | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure         | (8)<br>Remarks                             |
|--|-------------------------------------|-----------------------------------|-----------------------|---------------|--------------|--------------------------|--|
| <b>ST. MARYS RIVER</b>                                 |                                     |                                   |                       |               |              |                          |  |
| <b>DE TOUR PASSAGE TO MUNUSCONG LAKE (Chart 14882)</b> |                                     |                                   |                       |               |              |                          |  |
| <b>Potagannissing Bay</b>                              |                                     |                                   |                       |               |              |                          |  |
| 12690  | BURNT ISLAND REEF LIGHT<br>1        | 46-06-27.000N<br>083-49-43.000W   | FI G 4s               | 40<br>12      | 5            | SG on skeleton<br>tower. |  |
| 12695  | <i>Bacon Shoal Lighted Buoy 3</i>   | 46-03-36.344N<br>083-49-55.219W   | FI G 2.5s             |               | 4            | Green.                   | Replaced by can from Oct. 28 to<br>May 14. |
| 12700  | Big Trout Island Buoy 4             | 46-03-19.624N<br>083-50-21.649W   |                       |               |              | Red nun.                 |  |
| 12704  | Bow Island Buoy 1                   | 46-02-00.791N<br>083-49-29.577W   |                       |               |              | Green can.               |  |
| 12705  | Sturgeon Bay Shoal Buoy 2           | 46-01-27.000N<br>083-48-45.000W   |                       |               |              | Red nun.                 |  |
| 12707  | Gull Island Buoy 3                  | 46-01-55.000N<br>083-47-27.000W   |                       |               |              | Green can.               |  |
| 12710  | Cheney Shoal Buoy 5                 | 46-02-03.200N<br>083-46-03.150W   |                       |               |              | Green can.               | Maintained from May 14 to Oct.<br>28.      |
| 12715  | <i>Wreck Island Lighted Buoy 6</i>  | 46-01-58.575N<br>083-45-51.314W   | FI R 2.5s             |               | 3            | Red.                     | Maintained from May 14 to Oct.<br>28.      |
| 12720  | Howard Island Buoy 7                | 46-01-53.809N<br>083-45-15.716W   |                       |               |              | Green can.               | Maintained from May 14 to Oct.<br>28.      |
| <b>Drummond Island Shoal Yacht Haven Channel</b>       |                                     |                                   |                       |               |              |                          |  |
| <i>Aids maintained from May 15 to Oct. 15.</i>         |                                     |                                   |                       |               |              |                          |  |
| 12725  | - Buoy 1                            | 46-01-45.000N<br>083-44-50.000W   |                       |               |              | Green can.               | Private aid.                               |
| 12730  | - Buoy 2                            | 46-01-45.000N<br>083-44-56.100W   |                       |               |              | Red nun.                 | Private aid.                               |
| 12735  | - Buoy 3                            | 46-01-34.200N<br>083-44-50.000W   |                       |               |              | Green can.               | Private aid.                               |
| 12740  | - Buoy 4                            | 46-01-34.000N<br>083-44-54.900W   |                       |               |              | Red nun.                 | Private aid.                               |
| 12743  | Roggs Island Buoy 9                 | 46-02-05.937N<br>083-44-26.873W   |                       |               |              | Green can.               | Maintained from May 14 to Oct.<br>28.      |
| 12745  | Rogg Island Buoy 8                  | 46-02-01.304N<br>083-44-34.942W   |                       |               |              | Red nun.                 | Maintained from May 14 to Oct.<br>28.      |
| 12746  | Quarry Island Buoy 10               | 46-02-00.003N<br>083-44-01.441W   |                       |               |              | Red nun.                 | Maintained from May 14 to Oct.<br>28.      |
| 12750  | Quarry Island Buoy 11               | 46-02-08.643N<br>083-43-56.405W   |                       |               |              | Green can.               | Maintained from May 14 to Oct.<br>28.      |
| 12751  | Quarry Island Buoy 13               | 46-02-19.636N<br>083-43-52.124W   |                       |               |              | Green can.               | Maintained from May 14 to Oct.<br>28.      |
| 12751.1  | Fire Island Shoal Buoy              | 46-02-19.500 N<br>083-44-10.056 W |                       |               |              |                          | Maintained from May 14 to Oct.<br>28.      |
| 12752  | La Pointe Island Buoy 14            | 46-02-20.395N<br>083-43-45.991W   |                       |               |              | Red nun.                 | Maintained from May 14 to Oct.<br>28.      |
| 12753  | <i>Grape Island Lighted Buoy 16</i> | 46-02-44.000N<br>083-43-48.500W   | FI R 4s               |               | 3            | Red.                     | Maintained from May 14 to Oct.<br>28.      |
| 12755  | Harbor Island Shoal Buoy 17         | 46-03-42.614N<br>083-44-08.197W   |                       |               |              | Green can.               | Maintained from May 14 to Oct.<br>28.      |
| 12760  | Propeller Island Shoal Buoy 19      | 46-04-44.529N<br>083-44-20.390W   |                       |               |              | Green can.               | Maintained from May 14 to Oct.<br>28.      |



| (1)<br>No.   | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic  | (5)<br>Height | (6)<br>Range | (7)<br>Structure                 | (8)<br>Remarks   |
|--|---|---------------------------------|------------------------|---------------|--------------|----------------------------------|--|
| <b>ST. MARYS RIVER</b>                                 |   |                                 |                        |               |              |                                  |  |
| <b>DE TOUR PASSAGE TO MUNUSCONG LAKE (Chart 14882)</b> |   |                                 |                        |               |              |                                  |  |
| <b>Potagannissing Bay</b>                              |   |                                 |                        |               |              |                                  |  |
| <b>Drummond Island Shoal Yacht Haven Channel</b>       |   |                                 |                        |               |              |                                  |  |
| <i>Aids maintained from May 15 to Oct. 15.</i>         |   |                                 |                        |               |              |                                  |  |
| 12762  | Bruce Point Buoy 21   | 46-05-02.424N<br>083-44-26.537W |                        |               |              | Green can.                       | Maintained from May 14 to Oct. 28.   |
| 12763  | Bruce Point Buoy 22   | 46-05-03.000N<br>083-44-08.000W |                        |               |              | Red nun.                         | Maintained from May 14 to Oct. 28.   |
| <b>Drummond Island - South Side</b>                    |   |                                 |                        |               |              |                                  |  |
| 12765  | Big Shoal Buoy 2  | 45-54-24.197N<br>083-37-08.287W |                        |               |              | Red nun.                         |  |
| 12770  | <b>De Tour Reef Light</b>   | 45-56-56.788N<br>083-54-11.245W | FI W 10s<br>(R sector) | 74<br>23      | W 18<br>R 15 | 84                               | RACON: D ( - . . )<br>Red from 079.5° to 189.5°.<br>HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si). Operates Apr. 1 to Nov. 1. Fog signal operates by keying VHF FM Marine radio channel 83A five times. |
| <b>Whitney Bay</b>                                     |   |                                 |                        |               |              |                                  |  |
| <i>Aids maintained from Jun. 1 to Oct. 1.</i>          |   |                                 |                        |               |              |                                  |  |
| 12780  | - East Entrance Buoy 2  | 45-57-16.000N<br>083-51-53.200W |                        |               |              | Red nun.                         | Private aid.   |
| 12785  | - East Entrance Buoy 4  | 45-57-31.000N<br>083-51-32.000W |                        |               |              | Red nun.                         | Private aid.   |
| 12790  | - East Entrance Buoy 6  | 45-58-23.700N<br>083-51-35.500W |                        |               |              | Red nun.                         | Private aid.   |
| 12795  | - West Entrance Buoy 1  | 45-57-47.000N<br>083-52-58.800W |                        |               |              | Green can.                       | Private aid.   |
| 12800  | - West Entrance Buoy 3  | 45-57-59.000N<br>083-52-27.900W |                        |               |              | Green can.                       | Private aid.   |
| 12805  | - West Entrance Buoy 4  | 45-58-10.900N<br>083-52-03.000W |                        |               |              | Red nun.                         | Private aid.   |
| 12810  | - West Entrance Buoy 5  | 45-58-31.000N<br>083-51-47.400W |                        |               |              | Green can.                       | Private aid.   |
| <b>De Tour Passage</b>                                 |   |                                 |                        |               |              |                                  |  |
| 12815  | - <i>Lighted Buoy 2</i>   | 45-56-34.371N<br>083-52-33.887W | FI R 6s                |               | 5            | Red.                             | Replaced by nun from Dec. 1 to May 1.  |
| 12820  | - Buoy 3  | 45-57-45.000N<br>083-54-00.000W |                        |               |              | Green can.                       |  |
| 12825  | <i>Crab Island Shoal Lighted Bell Buoy 4</i><br>Marks west side of shoal. | 45-57-36.244N<br>083-53-10.902W | FI R 2.5s              |               | 5            | Red.                             | Replaced by nun from Dec. 1 to May 1.  |
| 12830  | Drummond Island Shoal Buoy 6  | 45-58-50.604N<br>083-53-00.947W |                        |               |              | Red nun.                         |  |
| 12835  | FRYING PAN ISLAND LIGHT 7   | 45-59-07.602N<br>083-53-40.944W | Q G                    | 14<br>4       | 6            | SG on post.                      | Higher intensity beam on bearing 176° and 356° diminishing around remainder of horizon.  |
| 12840  | DETOUR HARBOR ENTRANCE LIGHT 2  | 45-59-44.203N<br>083-53-56.789W | FI R 4s                | 28<br>9       | 4            | TR on pile.                      |  |
| 12845  | Drummond Island Shoal Buoy 8  | 45-59-14.821N<br>083-52-48.541W |                        |               |              | Red nun.                         |  |
| <b>Lower River</b>                                     |   |                                 |                        |               |              |                                  |  |
| 12850  | WATSONS REEFS LIGHT 9A  | 46-00-24.620N<br>083-53-58.154W | FI G 4s                | 33<br>10      | 6            | SG on post on tripod foundation. | Higher intensity beam upstream.  |
| 12855  | Watson Reefs Buoy 9<br>Marks east side of reef.                           | 46-00-16.872N<br>083-53-50.099W |                        |               |              | Green can.                       |  |
| 12860  | Watson Reefs Buoy 11  | 46-00-36.832N<br>083-54-05.420W |                        |               |              | Green can.                       |  |

| (1)<br>No.   | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic   | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|--|---|---------------------------------|-------------------------|---------------|--------------|---|--|
| <b>ST. MARYS RIVER</b>                                 |   |                                 |                         |               |              |   |  |
| <b>DE TOUR PASSAGE TO MUNUSCONG LAKE (Chart 14882)</b> |   |                                 |                         |               |              |   |  |
| <b>Lower River</b>                                     |   |                                 |                         |               |              |   |  |
| 12865  | <i>Pipe Island Shoal Lighted Buoy 1</i><br>Marks southeast side of shoal. | 46-00-34.469N<br>083-53-17.128W | FI G 2.5s               |               | 3            | Green.  | Replaced by can f from Dec. 07 to May . 01.  |
| 12870  | Sims Point Buoy 2   | 46-01-39.673N<br>083-51-03.751W |                         |               |              | Red nun.  |  |
| <b>Pipe Island</b>                                     |   |                                 |                         |               |              |   |  |
| 12875  | - <b>Light</b>  | 46-00-58.800N<br>083-53-57.500W | FI W 5s                 | 52<br>16      | 11           | KRW on yellow octagonal tower with black skeleton superstructure. |  |
| 12880  | - <i>Lighted Buoy 12</i>  | 46-00-57.011N<br>083-54-06.874W | FI R 4s                 |               | 4            | Red.  | Replaced by nun f from Dec. 7 to May 1.  |
| 12885  | - TWINS LIGHT   | 46-01-33.929N<br>083-53-29.342W | FI W 2.5s               | 27<br>8       | 9            | NG on post.   |  |
| 12890  | - <i>Twins Lighted Buoy 3</i>   | 46-01-43.200N<br>083-53-24.780W | Q G                     |               | 4            | Green.  | Replaced by can f from Dec. 7 to May 1.  |
| <b>Lower River</b>                                     |   |                                 |                         |               |              |   |  |
| 12895  | SQUAW ISLAND LIGHT 4  | 46-02-20.280N<br>083-54-13.620W | FI R 2.5s               | 26<br>8       | 6            | TR on post.   |  |
| 12905  | <b>Sweets Point Light 13</b><br>Marks north side of shoal.                | 46-02-19.389N<br>083-56-09.711W | FI G 2.5s               | 20<br>6       | 10           | White cylindrical tower with green stripe in middle.              | Higher intensity beam on bearings 316° and 121° diminishing around remainder of horizon. |
| <b>Lime Island</b>                                     |   |                                 |                         |               |              |   |  |
| 12907  | - <i>Lighted Buoy 14</i>  | 46-03-17.333N<br>083-57-36.756W | FI R 4s                 |               | 3            | Red.  | Replaced by nun f from Dec. 7 to May 1.  |
| 12910  | - <i>Lighted Buoy 14A</i>   | 46-04-12.252N<br>084-00-23.536W | FI R 4s                 |               | 4            | Red.  | Replaced by nun f from Dec. 7 to May 1.  |
| 12915  | - <i>Traffic Lighted Buoy</i>   | 46-04-21.864N<br>084-00-59.206W | Mo (A) W                |               | 4            | Red and white stripes.  | Vessels are required to leave buoy to port when passing.                                 |
| 12920  | - <i>Lighted Buoy 15</i>  | 46-05-06.545N<br>084-01-14.119W | FI G 4s                 |               | 4            | Green.  | Replaced by can f from Dec. 7 to May 1.  |
| 12925  | - COAL DOCK LIGHT   | 46-05-10.900N<br>084-00-45.000W | Oc Y 4s                 | 27<br>8       | 4            | On post.  |  |
| 12930  | - COAL DOCK PASSAGE LIGHT   | 46-05-18.900N<br>084-00-45.000W | FI Y 6s                 | 27<br>8       | 4            | On post.  |  |
| 12935  | - <i>Lighted Buoy 16</i>  | 46-05-51.667N<br>084-00-49.774W | FI R 4s                 |               | 5            | Red.  | Replaced by nun f from Dec. 7 to May 1.  |
| <b>Lower River</b>                                     |   |                                 |                         |               |              |   |  |
| 12940  | ROUND ISLAND LIGHT  | 46-06-34.510N<br>084-01-10.030W | FI W 2.5s<br>(R sector) | 28<br>9       | W 7<br>R 6   | NG on post.   | Red f from 145° to 186°. Obscured f from 358° to 145°.                                   |
| 12945  | <i>Round Island Lighted Buoy 17</i>                                       | 46-06-30.044N<br>084-01-01.152W | FI G 4s                 |               | 3            | Green.  | Replaced by can f from Dec. 7 to May 1.  |
| 12950  | Round Island Buoy 18  | 46-06-28.674N<br>084-00-43.650W |                         |               |              | Red nun.  |  |
| 12955  | <i>Hay Point Reef Lighted Buoy 18A</i>                                    | 46-07-32.298N<br>084-00-32.602W | FI R 4s                 |               | 5            | Red.  | Replaced by nun f from Dec. 7 to May 1.  |
| <b>Point Aux Frenes</b>                                |   |                                 |                         |               |              |   |  |
| 12960  | - LIGHT 19  | 46-07-48.481N<br>084-01-00.625W | FI G 2.5s               | 33<br>10      | 7            | White cylindrical tower with green band                           |  |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                   | (8)<br>Remarks   |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>ST. MARYS RIVER</b>                                  |   |                                 |                       |               |              |  |  |
| <b>DE TOUR PASSAGE TO MUNUSCONG LAKE (Chart 14882)</b>  |   |                                 |                       |               |              |  |  |
| <b>Point Aux Frenes</b>                                 |   |                                 |                       |               |              |  |  |
| 12965   | - Lighted Buoy 20   | 46-07-57.594N<br>084-00-46.609W | FI R 2.5s             |               | 3            | Red.   | Replaced by nun f from Dec. 7 to May 1.                          |
| 12975   | - LIGHT 21  | 46-08-18.000N<br>084-01-18.000W | Q G                   | 34<br>10      | 9            | SG on post on concrete structure.                  |  |
| 12980   | - Lighted Buoy 22   | 46-08-18.907N<br>084-01-00.237W | FI R 4s               |               | 3            | Red.   | Replaced by nun f from Dec. 7 to May 1.                          |
| 12985   | - Lighted Buoy 23   | 46-08-49.474N<br>084-02-18.975W | FI G 4s               |               | 4            | Green.   | Replaced by can f from Dec. 7 to May 1.                          |
| 12990   | - Lighted Buoy 24   | 46-08-57.558N<br>084-02-10.496W | FI R 4s               |               | 5            | Red.   | Replaced by nun f from Dec. 7 to May 1.                          |
| <b>Munuscong Lake</b>                                   |   |                                 |                       |               |              |  |  |
| 12995   | HAY POINT RANGE FRONT LIGHT (C)                                       | 46-07-42.000N<br>084-00-00.000W | F W                   | 38<br>12      |              | White day mark with orange stripe on square tower. | Seasonal.  |
| 13000   | HAY POINT RANGE REAR LIGHT (C)<br>1,100 feet, 128° from front light.  |                                 | F W                   | 60<br>18      |              | White day mark with orange stripe on square tower. | Seasonal   |
| 13005   | - Lighted Buoy 25   | 46-09-35.862N<br>084-03-43.010W | FI G 4s               |               | 5            | Green.   | Replaced by can f from Dec 7 to May 1                            |
| 13010   | - Lighted Buoy 26   | 46-09-43.678N<br>084-03-34.044W | FI R 4s               |               | 5            | Red.   | Replaced by nun f from Dec. 7 to May 1.                          |
| <b>MUNUSCONG LAKE TO SAULT STE. MARIE (Chart 14883)</b> |   |                                 |                       |               |              |  |  |
| <b>Munuscong Channel (Upbound)</b>                      |   |                                 |                       |               |              |  |  |
| 13015   | WINTER POINT RANGE FRONT LIGHT  | 46-13-33.888N<br>084-08-38.727W | F W                   | 46<br>14      |              | KRW on white skeleton tower.                       | Visible 4° each side of range line. Lighted throughout 24 hours. |
| 13025   | WINTER POINT RANGE REAR LIGHT<br>3,903 feet, 322.1° from front light. | 46-14-04.295N<br>084-09-12.837W | F W                   | 82<br>25      |              | KRW on white skeleton tower.                       | Visible 4° each side of range line. Lighted throughout 24 hours. |
| 13030   | - JUNCTION LIGHT  | 46-10-55.836N<br>084-05-45.270W | FI (2+1)G 6s          |               | 8            |  |  |
| 13035   | - Lighted Buoy 2  | 46-11-00.955N<br>084-05-41.835W | FI R 4s               |               | 5            | Red.   | Replaced by nun f from Dec. 14 to Apr. 28.                       |
| 13040   | - Buoy 3  | 46-11-37.864N<br>084-06-32.122W |                       |               |              | Green can.   |  |
| 13045   | - Buoy 4  | 46-11-41.050N<br>084-06-27.272W |                       |               |              | Red nun.   |  |
| 13050   | - Lighted Buoy 5  | 46-12-02.125N<br>084-06-59.390W | FI G 4s               |               | 4            | Green.   | Replaced by can f from Dec. 14 to Apr. 21.                       |
| 13055   | - Lighted Buoy 6  | 46-12-05.664N<br>084-06-54.611W | Q R                   |               | 4            | Red.   | Year round lighted buoy  |
| 13060   | - Buoy 7  | 46-12-21.889N<br>084-07-22.076W |                       |               |              | Green can.   |  |
| 13065   | - Lighted Buoy 8  | 46-12-32.611N<br>084-07-04.613W | Q R                   |               | 3            | Red.   | Year round lighted buoy  |
| 13070   | - Lighted Buoy 9  | 46-12-44.270N<br>084-07-13.084W | FI G 4s               |               | 4            | Green.   | Year round lighted buoy.   |
| 13075   | - Buoy 10   | 46-13-15.129N<br>084-06-48.232W |                       |               |              | Red nun.   |  |
| 13080   | - Lighted Buoy 11   | 46-13-17.474N<br>084-06-58.384W | FI G 4s               |               | 4            | Green.   | Replaced by can f from Dec. 7 to Apr. 21.                        |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                     | (8)<br>Remarks   |
|---|--|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>ST. MARYS RIVER</b>                                  |  |                                 |                       |               |              |  |  |
| <b>MUNUSCONG LAKE TO SAULT STE. MARIE (Chart 14883)</b> |  |                                 |                       |               |              |  |  |
| <b>Munuscong Channel (Upbound)</b>                      |  |                                 |                       |               |              |  |  |
| 13085   | - Lighted Buoy 12  | 46-13-48.436N<br>084-06-35.803W | FI R 4s               |               | 4            | Red.   | Replaced by nun f from Dec. 1 to Apr. 21.  |
| 13090   | - Lighted Buoy 13  | 46-13-48.876N<br>084-06-44.874W | FI G 4s               |               | 3            | Green.   | Replaced by can f from Dec. 1 to Apr. 21.  |
| 13095   | - Buoy 15  | 46-14-22.689N<br>084-06-29.969W |                       |               |              | Green can.   |  |
| <b>Sailors Encampment Channel</b>                       |  |                                 |                       |               |              |  |  |
| 13100   | UPBOUND RANGE FRONT LIGHT (C)  | 46-15-42.000N<br>084-05-54.000W | F W                   | 76<br>23      |              | White day mark with orange stripe on square tower.   | Seasonal.  |
| 13105   | UPBOUND RANGE REAR LIGHT (C)<br>2,183 feet, 017° from front light.         |                                 | F W                   | 104<br>32     |              | White day mark with orange stripe on square tower.   | Seasonal.  |
| 13110   | Everens Point Lighted Buoy Q16 (C)   | 46-14-46.330N<br>084-06-12.566W | FI R 4s               |               |              | Red.   | Spar; winter marker. Seasonal.   |
| 13115   | - Lighted Buoy 17  | 46-14-48.977N<br>084-06-18.277W | FI G 4s               |               | 3            | Green.   | Replaced by can f from Dec. 1 to Apr. 21.  |
| 13120   | JOHNSON POINT LIGHT 19   | 46-15-17.705N<br>084-06-06.687W | FI G 2.5s             | 29<br>9       | 7            | SG on pile.  | Higher intensity beam up and down stream.  |
| 13125   | - Lighted Buoy 21  | 46-15-30.232N<br>084-06-10.393W | Q G                   |               | 4            | Green.   | Year round lighted buoy.   |
| 13130   | Lighted Buoy Q22 (C)   | 46-15-35.723N<br>084-06-02.419W | FI R 4s               |               |              | Red.   | Spar; winter marker. Seasonal.   |
| 13135   | RAINS WHARF RANGE FRONT LIGHT (C)  | 46-15-18.000N<br>084-05-42.000W | F W                   | 32<br>10      |              | White day mark with orange stripe on circular tower. | Visible on range line only. Passing light F W, visible all around. Seasonal.   |
| 13140   | RAINS WHARF RANGE REAR LIGHT (C)<br>880 feet, 134.9° from front light.     |                                 | F W                   | 53<br>16      |              | White day mark with orange stripe on skeleton tower. | Seasonal.  |
| 13145   | POINT OF WOODS RANGE FRONT LIGHT   | 46-16-19.421N<br>084-07-13.762W | F W                   | 31<br>9       |              | KRW on triangular skeleton tower.                    | Lighted throughout 24 hours.   |
| 13155   | POINT OF WOODS RANGE REAR LIGHT<br>325 feet, 314.7° from front light.      | 46-16-21.679N<br>084-07-17.056W | F W                   | 42<br>13      |              | KRW on square skeleton tower.                        | Lighted throughout 24 hours.   |
| 13160   | - Buoy 23  | 46-15-47.169N<br>084-06-35.384W |                       |               |              | Green can.   |  |
| 13165   | - Lighted Buoy 25  | 46-16-00.951N<br>084-06-55.618W | FI G 4s               |               | 4            | Green.   | Year round lighted buoy.   |
| <b>Munuscong Channel</b>                                |  |                                 |                       |               |              |  |  |
| 13170   | DARK HOLE EAST RANGE FRONT LIGHT   | 46-15-53.993N<br>084-06-54.783W | F G                   | 40<br>12      |              | KRG on square skeleton tower.                        | Range marks eastern half of channel. High intensity beam on range line. F G light operated from Nov. 15 to Apr. 15. Lighted throughout 24 hours. |
| 13175   | DARK HOLE EAST RANGE REAR LIGHT<br>499 feet, 176.6° from front day beacon. | 46-15-49.072N<br>084-06-54.360W | F G                   | 75<br>23      |              | KRG on square skelton tower.                         | Range marks eastern half of channel. High intensity beam on range line. F G light operated from Nov. 15 to Apr. 15. Lighted throughout 24 hours. |
| 13180   | DARK HOLE WEST RANGE FRONT LIGHT   | 46-15-54.855N<br>084-06-57.709W | Q W                   | 38<br>12      |              | KRW on square skeleton tower.                        | Range marks western half of channel. Visible 1.5° each side of range line. Lighted throughout 24 hours.  |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks   |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>ST. MARYS RIVER</b>                                  |   |                                 |                       |               |              |  |  |
| <b>MUNUSCONG LAKE TO SAULT STE. MARIE (Chart 14883)</b> |   |                                 |                       |               |              |  |  |
| <b>Munuscong Channel</b>                                |   |                                 |                       |               |              |  |  |
| 13185   | DARK HOLE WEST RANGE<br>REAR LIGHT<br>424 feet, 176.6° from front<br>light.                   | 46-15-50.671N<br>084-06-57.356W | F W                   | 73<br>22      |              | KRW on square<br>skeleton tower.                                     | Range marks western half of<br>channel. Visible 1.5° each side<br>of range line. Lighted throughout<br>24 hours.   |
| 13190   | HARWOOD POINT EAST<br>RANGE FRONT LIGHT   | 46-19-17.250N<br>084-07-12.212W | F R                   | 30<br>9       |              | KRG on white<br>cylindrical tower.                                   | Range marks eastern half of<br>channel. High intensity beam on<br>range line. F R light operated<br>from Nov. 15 to Apr. 15.<br>Lighted throughout 24 hours. |
| 13195   | HARWOOD POINT EAST<br>RANGE REAR LIGHT<br>1,002 feet, 356.6° from<br>front light.             | 46-19-27.128N<br>084-07-13.059W | F R                   | 65<br>20      |              | KRG on white<br>cylindrical tower.                                   | Range marks eastern half of<br>channel. High intensity beam on<br>range line. F R light operated<br>from Nov. 15 to Apr. 15.<br>Lighted throughout 24 hours. |
| 13200   | HARWOOD POINT WEST<br>RANGE FRONT LIGHT   | 46-19-17.272N<br>084-07-15.059W | F W                   | 32<br>10      |              | KRW on white<br>cylindrical tower.                                   | Range marks western half of<br>channel. Visible 1.5° each side<br>of range line. Lighted throughout<br>24 hours.   |
| 13205   | HARWOOD POINT WEST<br>RANGE REAR LIGHT<br>1,001 feet, 356.6° from<br>front light.             | 46-19-27.138N<br>084-07-15.910W | F W                   | 65<br>20      |              | KRW on white<br>cylindrical tower.                                   | Range marks western half of<br>channel. Visible 1.5° each side<br>of range line. Lighted throughout<br>24 hours.   |
| 13210   | - <i>Lighted Buoy 27</i>  | 46-16-12.173N<br>084-07-01.337W | Q G                   |               | 4            | Green.   | Replaced by can from Dec. 7 to<br>Apr. 21.   |
| 13215   | <i>Coyle Point Lighted Buoy Q28<br/>(C)</i>   | 46-16-16.957N<br>084-06-53.620W | Q R                   |               |              | Red.   | Spar; winter marker.   |
| 13217   | - <i>Lighted Buoy 29</i>  | 46-16-28.383N<br>084-07-02.667W | FI G 2.5s             |               | 3            | Green.   | Year round lighted buoy  |
| 13220   | - Buoy 31   | 46-16-51.967N<br>084-07-04.902W |                       |               |              | Green can.   |  |
| 13225   | <i>Coyle Point North Lighted Buoy<br/>Q30 (C)</i>   | 46-16-51.555N<br>084-06-57.946W | FI R 4s               |               |              | Red.   | Spar; winter marker.<br>Seasonal.  |
| 13235   | - <i>Lighted Buoy 33</i>  | 46-17-26.457N<br>084-07-07.834W | FI G 4s               |               | 4            | Green.   | Replaced by can from Dec. 1 to<br>Apr. 21.   |
| 13240   | <i>Green Point Lighted Buoy Q34<br/>(C)</i>   | 46-17-26.367N<br>084-07-01.140W | FI R 4s               |               |              | Red.   | Spar; winter marker.<br>Seasonal.  |
| 13245   | - <i>Lighted Buoy 35</i>  | 46-18-00.947N<br>084-07-10.767W | FI G 4s               |               | 4            | Green.   | Year round lighted buoy.   |
| 13250   | - <i>Lighted Buoy Q36 (C)</i>   | 46-18-00.259N<br>084-07-03.331W | FI R 4s               |               |              | Red.   |  |
| 13255   | - LIGHT 39  | 46-18-33.612N<br>084-07-14.112W | Q G                   | 30<br>9       | 5            | SG on post on<br>concrete cone.                                      |  |
| 13256   | Hen Island Day beacon H   | 46-18-32.567N<br>084-07-52.930W |                       |               |              | NB on skeleton<br>tower.   |  |
| <b>Middle Neebish Channel</b>                           |   |                                 |                       |               |              |  |  |
| 13260   | STRIBLING POINT<br>UPBOUND RANGE FRONT<br>LIGHT (C)   | 46-18-48.000N<br>084-06-54.000W | F W                   | 64<br>20      |              | White day mark<br>with orange stripe<br>on skeleton tower.           | Seasonal.  |
| 13265   | STRIBLING POINT<br>UPBOUND RANGE REAR<br>LIGHT (C)<br>3,154 feet, 111.9° from<br>front light. |                                 | F W                   | 100<br>30     |              | White day mark<br>with orange stripe<br>on square skeleton<br>tower. |  |
| 13275   | MIDDLE NEEBISH SOUTH<br>RANGE FRONT LIGHT   | 46-19-56.372N<br>084-11-04.615W | Q W                   | 22<br>7       |              | KRW on red steel<br>structure.                                       | Visible 1.5° each side of range<br>line.   |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure              | (8)<br>Remarks   |
|---|--|---------------------------------|-----------------------|---------------|--------------|-------------------------------|--|
| <b>ST. MARYS RIVER</b>                                  |  |                                 |                       |               |              |                               |  |
| <b>MUNUSCONG LAKE TO SAULT STE. MARIE (Chart 14883)</b> |  |                                 |                       |               |              |                               |  |
| <b>Middle Neebish Channel</b>                           |  |                                 |                       |               |              |                               |  |
| 13280   | MIDDLE NEEBISH SOUTH RANGE REAR LIGHT<br>5,574 feet, 291.9° from front light.      | 46-20-16.783N<br>084-12-18.089W | F W                   | 50<br>15      |              | KRW on square skeleton tower. | Visible 1.5° each side of range line.  |
| 13285   | - Lighted Buoy 43  | 46-18-57.395N<br>084-07-37.488W | Q G                   |               | 4            | Green.                        | Year round lighted buoy .  |
| 13290   | Hardwood Point Junction Buoy HP  | 46-18-59.310N<br>084-07-19.269W |                       |               |              | Red nun with green band.      |  |
| 13295   | - Buoy 45  | 46-19-10.642N<br>084-08-25.452W |                       |               |              | Green can.                    |  |
| 13300   | - Buoy 46  | 46-19-18.720N<br>084-08-28.860W |                       |               |              | Red nun.                      |  |
| 13310   | - Lighted Buoy 49  | 46-19-19.654N<br>084-08-57.633W | FI G 4s               |               | 4            | Green.                        | Replaced by can f from Nov. 28 to Apr. 21.   |
| 13315   | - LIGHT 50   | 46-19-24.672N<br>084-08-54.282W | FI R 4s               | 26<br>8       | 4            | TR on post.                   |  |
| 13320   | - Buoy 51  | 46-19-26.248N<br>084-09-21.824W |                       |               |              | Green can.                    |  |
| 13325   | - LIGHT 54   | 46-19-35.820N<br>084-09-34.500W | FI R 4s               | 26<br>8       | 4            | TR on post.                   |  |
| 13330   | - Buoy 55  | 46-19-36.029N<br>084-09-57.248W |                       |               |              | Green can.                    |  |
| 13335   | - Buoy 57  | 46-19-41.354N<br>084-10-15.866W |                       |               |              | Green can.                    |  |
| 13340   | - LIGHT 58   | 46-19-46.920N<br>084-10-14.410W | FI R 4s               | 20<br>6       | 4            | TR on post.                   |  |
| 13345   | - Lighted Buoy 59  | 46-19-47.994N<br>084-10-40.106W | FI G 2.5s             |               | 4            | Green.                        | Year round lighted buoy  |
| 13350   | - Buoy 60  | 46-19-54.433N<br>084-10-34.486W |                       |               |              | Red nun.                      |  |
| 13353   | - LIGHT 61   | 46-19-57.648N<br>084-11-03.114W | Q G                   | 26<br>8       | 4            | SG on post.                   |  |
| <b>Lake Nicolet</b>                                     |  |                                 |                       |               |              |                               |  |
| 13355   | LOWER NICOLET EAST RANGE FRONT LIGHT   | 46-19-29.250N<br>084-10-32.670W | F G                   | 54<br>16      |              | KRG on skeleton tower.        | Range marks eastern half of channel. High intensity beam on range line. F G light operated f from Nov. 15 to Apr. 15. Lighted throughout 24 hours. |
| 13360   | LOWER NICOLET EAST RANGE REAR LIGHT<br>1,758 feet, 150.5° f from front day beacon. | 46-19-14.146N<br>084-10-20.317W | F G                   | 75<br>23      |              | KRG on skeleton tower.        | Range marks eastern half of channel. High intensity beam on range line. F G light operated f from Nov. 15 to Apr. 15. Lighted throughout 24 hours. |
| 13365   | LOWER NICOLET WEST RANGE FRONT LIGHT   | 46-19-28.617N<br>084-10-35.407W | F W                   | 60<br>18      |              | KRW on skeleton tower.        | Range marks western half of channel. Visible 1.5° each side of range line. Lighted throughout 24 hours.  |
| 13370   | LOWER NICOLET WEST RANGE REAR LIGHT<br>3,794 feet, 150.5° f from front light.      | 46-18-56.025N<br>084-10-08.756W | F W                   | 104<br>32     |              | KRW on skeleton tower.        | Range marks western half of channel. Visible 1.5° each side of range line. Lighted throughout 24 hours.  |
| 13375   | MIDDLE NEEBISH LIGHT 62  | 46-20-06.000N<br>084-11-01.000W | Q R                   | 34<br>10      | 5            | TR on post.                   |  |
| 13380   | - Lighted Buoy 63  | 46-20-05.068N<br>084-11-08.106W | FI G 2.5s             |               | 3            | Green.                        | Replaced by can f from Dec. 7 to Apr. 21.  |
| 13385   | - Lighted Buoy 64  | 46-20-26.560N<br>084-11-17.323W | FI R 4s               |               | 4            | Red.                          | Replaced by nun f from Dec. 14 to Apr. 14.   |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                            | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>ST. MARYS RIVER</b>                                  |  |                                 |                       |               |              |   |   |
| <b>MUNUSCONG LAKE TO SAULT STE. MARIE (Chart 14883)</b> |  |                                 |                       |               |              |   |   |
| <b>Lake Nicolet</b>                                     |  |                                 |                       |               |              |   |   |
| 13390   | - Lighted Buoy 65  | 46-20-24.099N<br>084-11-23.421W | FI G 4s               |               | 4            | Green.                                      | Year round lighted buoy   |
| 13395   | - Lighted Buoy 66  | 46-21-03.858N<br>084-11-48.003W | FI R 4s               |               | 3            | Red.  | Replaced by nun f from Dec. 7 to Apr. 21.   |
| 13400   | - Lighted Buoy 67  | 46-21-01.595N<br>084-11-53.926W | FI G 4s               |               | 5            | Green.                                      | Replaced by can f from Dec. 7 to Apr. 21.   |
| 13405   | - Lighted Buoy 68  | 46-21-40.179N<br>084-12-18.103W | FI R 4s               |               | 3            | Red.  | Replaced by nun f from Nov. 28 to Apr. 21.  |
| 13410   | - Lighted Buoy 69  | 46-21-38.023N<br>084-12-23.535W | FI G 4s               |               | 4            | Green.                                      | Replaced by can f from Nov. 28 to Apr. 21.  |
| 13425   | - Lighted Buoy 72  | 46-22-16.753N<br>084-12-47.916W | FI R 4s               |               | 3            | Red.  | Replaced by nun f from Nov. 28 to Apr. 14.  |
| 13430   | - Lighted Buoy 73  | 46-22-14.918N<br>084-12-53.766W | FI G 4s               |               | 4            | Green.                                      | Replaced by can f from Nov. 28 to Apr. 14.  |
| 13445   | - Lighted Buoy 76  | 46-22-54.135N<br>084-13-18.505W | FI R 4s               |               | 4            | Red.  | Replaced by nun f from Nov. 28 to Apr. 14.  |
| 13450   | - Lighted Buoy 77  | 46-22-51.398N<br>084-13-24.069W | FI G 4s               |               | 4            | Green.                                      | Year Round Lighted Buoy   |
| 13455   | - Buoy 78  | 46-23-27.305N<br>084-13-45.287W |                       |               |              | Red nun.                                    |   |
| 13460   | - Lighted Buoy 79  | 46-23-29.921N<br>084-14-08.921W | FI G 4s               |               | 3            | Green.                                      | Replaced by can f from Nov. 21 to Apr. 14.  |
| 13465   | - LIGHT 80   | 46-23-36.000N<br>084-13-47.870W | FI R 2.5s             | 27<br>8       | 4            | TR on post.                                 |   |
| <b>West Neebish Channel (Downbound)</b>                 |  |                                 |                       |               |              |   |   |
| 13470   | - UPPER RANGE FRONT LIGHT  | 46-20-16.796N<br>084-12-18.125W | Q W                   |               | 40<br>12     | KRW on skeleton tower.                      | For downbound traffic. Range marks western half of channel. Visible 4° each side of range line. |
| 13475   | - UPPER RANGE REAR LIGHT<br>6,221 feet, 159.6° from front light. | 46-19-19.220N<br>084-11-47.287W | F W                   | 82<br>25      |              | KRW on red and white square skeleton tower. | For downbound traffic. Range marks western half of channel. Visible 4° each side of range line. |
| 13480   | - LIGHT 54   | 46-22-50.800N<br>084-13-37.900W | FI R 4s               | 34<br>10      | 6            | TR on post.                                 |   |
| 13485   | - Lighted Buoy 53  | 46-22-49.229N<br>084-13-42.477W | FI G 4s               |               | 3            | Green.                                      | Replaced by can f from Dec. 14 to Apr. 14.  |
| 13490   | - Buoy 52  | 46-22-10.381N<br>084-13-16.353W |                       |               |              | Red nun.                                    |   |
| 13495   | - Buoy 51  | 46-22-09.344N<br>084-13-21.405W |                       |               |              | Green can.                                  |   |
| 13500   | - Lighted Buoy 50  | 46-21-35.403N<br>084-12-57.364W | FI R 4s               |               | 4            | Red.  | Replaced by nun f from Nov. 21 to Apr. 14.  |
| 13505   | - LIGHT 49   | 46-21-33.510N<br>084-13-01.820W | Q G                   | 32<br>10      | 6            | SG on column on concrete cone.              |   |
| 13510   | - Lighted Buoy 48  | 46-21-09.546N<br>084-12-44.587W | FI R 2.5s             |               | 4            | Red.  | Replaced by nun f from Dec. 14 to Apr. 14.  |
| 13515   | - OAK RIDGE RANGE FRONT LIGHT                                    | 46-17-08.127N<br>084-12-56.831W | F G                   | 73<br>22      |              | KRW on square skeleton tower.               | Visible 1.5° each side of range line. Lighted throughout 24 hours.                              |

| (1)<br>No.  | (2)<br>Name and Location            | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                          | (8)<br>Remarks   |
|---|-------------------------------------|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>ST. MARYS RIVER</b>                                  |                                     |                                 |                       |               |              |   |  |
| <b>MUNUSCONG LAKE TO SAULT STE. MARIE (Chart 14883)</b> |                                     |                                 |                       |               |              |   |  |
| <b>West Neebish Channel (Downbound)</b>                 |                                     |                                 |                       |               |              |   |  |
| 13520   | - OAK RIDGE RANGE REAR LIGHT        | 46-16-48.915N<br>084-12-57.573W | F G                   | 144<br>44     |              | KRW on square skeleton tower.             | Visible 1.5° each side of range line. Lighted throughout 24 hours. |
| 13525   | - Lighted Buoy 46                   | 46-20-44.626N<br>084-12-45.343W | FI R 4s               |               | 4            | Red.                                      | Year round lighted buoy  |
| 13530   | - LIGHT 45                          | 46-20-44.130N<br>084-12-50.140W | FI G 2.5s             | 32<br>10      | 5            | SG on black tripod tower.                 |  |
| 13535   | - Buoy 44                           | 46-20-04.681N<br>084-12-47.226W |                       |               |              | Red nun.                                  |  |
| 13540   | - Buoy 43                           | 46-20-04.459N<br>084-12-51.817W |                       |               |              | Green can.                                |  |
| 13545   | - Lighted Buoy 42                   | 46-19-25.091N<br>084-12-48.730W | FI R 4s               |               | 4            | Red.                                      | Replaced by nun f from Nov. 21 to Apr. 21.                         |
| 13550   | - Lighted Buoy 41                   | 46-19-23.670N<br>084-12-53.526W | FI G 4s               |               | 4            | Green.                                    | Replaced by can f from Nov. 21 to Apr. 21.                         |
| 13555   | - Lighted Buoy 40                   | 46-18-44.930N<br>084-12-50.469W | FI R 4s               |               | 4            | Red.                                      | Replaced by nun f from Nov. 21 to Apr. 21.                         |
| 13560   | - Lighted Buoy 39                   | 46-18-44.986N<br>084-12-55.448W | FI G 4s               |               | 4            | Green.                                    | Replaced by can f from Nov. 21 to Apr. 21.                         |
| 13565   | - Lighted Buoy 38                   | 46-18-05.807N<br>084-12-52.044W | FI R 4s               |               | 3            | Red.                                      | Replaced by nun f from Dec. 1 to Apr. 21.                          |
| 13570   | - Lighted Buoy 37                   | 46-18-06.540N<br>084-12-57.119W | FI G 4s               |               | 3            | Green.                                    | Replaced by can f from Dec. 1 to Apr. 21.                          |
| 13575   | WEST NEEBISH LIGHT 36               | 46-17-38.340N<br>084-12-53.880W | FI R 2.5s             | 33<br>10      | 7            | White cylindrical tower with red band     |  |
| 13580   | - Buoy 35                           | 46-17-18.867N<br>084-12-58.568W |                       |               |              | Green can.                                |  |
| 13585   | - Buoy 34                           | 46-17-30.360N<br>084-12-51.780W |                       |               |              | Red nun.                                  |  |
| 13590   | - LIGHT 33                          | 46-17-10.100N<br>084-12-50.190W | Q G                   | 32<br>10      | 4            | SG on black column adjoining small house. |  |
| 13595   | - LIGHT 32                          | 46-17-07.050N<br>084-12-40.430W | Q R                   | 31<br>9       | 4            | TR on post.                               |  |
| 13600   | <b>Rock Cut Lower Leading Light</b> | 46-15-06.310N<br>084-10-33.033W | F W                   | 29<br>9       | 15           | KRW on square skeleton tower.             | Lighted throughout 24 hours.                                       |
| 13605   | - LIGHT 30                          | 46-16-56.140N<br>084-12-28.690W | F R                   | 31<br>9       | 6            | TR on post.                               |  |
| 13610   | - LIGHT 29                          | 46-16-54.330N<br>084-12-32.260W | Q G                   | 31<br>9       | 5            | SG on post.                               |  |
| 13615   | - LIGHT 28                          | 46-16-29.000N<br>084-11-59.900W | Iso R 6s              | 32<br>10      | 3            | TR on triangular skeleton tower.          |  |
| 13620   | - LIGHT 27                          | 46-16-27.000N<br>084-12-03.438W | Iso G 6s              | 32<br>10      | 3            | SG on triangular skeleton tower.          |  |
| 13625   | - LIGHT 26                          | 46-16-01.910N<br>084-11-30.500W | F R                   | 34<br>10      | 4            | TR on triangular skeleton tower.          |  |
| 13630   | - LIGHT 25                          | 46-16-00.090N<br>084-11-34.030W | F G                   | 34<br>10      | 5            | SG on triangular skeleton tower.          |  |
| 13635   | - Lighted Buoy 24                   | 46-15-29.036N<br>084-10-55.377W | Q R                   |               | 4            | Red.                                      | Replaced by nun f from Dec. 14 to Apr. 21.                         |
| 13640   | Sawmill Point Lighted Buoy 23       | 46-15-03.022N<br>084-10-53.027W | Q G                   |               | 4            | Green.                                    | Year round lighted buoy .  |
| 13645   | Sawmill Point Lighted Buoy 22       | 46-15-04.516N<br>084-10-47.916W | FI R 4s               |               | 4            | Red.                                      | Replaced by nun f from Dec. 14 to Apr. 21.                         |



| (1)<br>No.  | (2)<br>Name and Location            | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                         | (8)<br>Remarks                             |
|---|-------------------------------------|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>ST. MARYS RIVER</b>                                  |                                     |                                 |                       |               |              |  |  |
| <b>MUNUSCONG LAKE TO SAULT STE. MARIE (Chart 14883)</b> |                                     |                                 |                       |               |              |  |  |
| <b>West Neebish Channel (Downbound)</b>                 |                                     |                                 |                       |               |              |  |  |
| 13650   | MOON ISLAND LEADING LIGHT           | 46-13-07.344N<br>084-10-15.920W | F W                   | 40<br>12      | 6            | Cylindrical tower with black band.       |  |
| 13655   | - Buoy 20                           | 46-14-41.927N<br>084-10-40.778W |                       |               |              | Red nun.                                 |  |
| 13660   | - Buoy 19                           | 46-14-41.076N<br>084-10-46.197W |                       |               |              | Green can.                               |  |
| 13665   | - <i>Lighted Buoy 18</i>            | 46-14-21.195N<br>084-10-34.752W | FI R 4s               |               | 5            | Red.                                     | Replaced by nun from Nov. 28 to Apr. 21.   |
| 13670   | - LIGHT 17                          | 46-14-19.830N<br>084-10-39.120W | FI G 4s               | 32<br>10      | 7            | SG on post.                              |  |
| 13675   | <i>Kemps Point Lighted Buoy 15A</i> | 46-13-49.535N<br>084-10-30.348W | FI G 4s               |               | 3            | Green.                                   | Replaced by can f from Dec. 14 to Apr. 21. |
| 13680   | - LIGHT 16                          | 46-13-36.980N<br>084-10-21.250W | Q R                   | 32<br>10      | 3            | TR on post on concrete base.             |  |
| 13685   | - <i>Lighted Buoy 15</i>            | 46-13-19.128N<br>084-10-20.718W | Q G                   |               | 5            | Green.                                   | Replaced by can f from Dec. 14 to Apr. 21. |
| 13690   | - LIGHT 14                          | 46-13-10.090N<br>084-09-58.230W | Q R                   | 24<br>7       | 4            | TR on post.                              |  |
| 13695   | <i>Moon Island Lighted Buoy 13</i>  | 46-13-07.680N<br>084-10-00.964W | FI G 2.5s             |               | 4            | Green.                                   | Year round lighted buoy .                  |
| 13700   | - <i>Lighted Buoy 12</i>            | 46-12-54.875N<br>084-09-30.494W | FI R 4s               |               | 3            | Red.                                     | Replaced by nun f from Nov. 28 to Apr. 21. |
| 13705   | - <i>Lighted Buoy 11</i>            | 46-12-52.713N<br>084-09-33.476W | FI G 4s               |               | 3            | Green.                                   | Replaced by can f from Nov. 28 to Apr. 21. |
| 13710   | - <i>Lighted Buoy 10</i>            | 46-12-37.994N<br>084-08-59.739W | FI R 2.5s             |               | 3            | Red.                                     | Replaced by nun f from Nov. 28 to Apr. 28. |
| 13715   | - LIGHT 9                           | 46-12-35.400N<br>084-09-03.300W | FI G 2.5s             | 42<br>13      | 6            | White cylindrical tower with green band. |  |
| 13720   | - Buoy 8                            | 46-12-24.895N<br>084-08-36.441W |                       |               |              | Red nun.                                 |  |
| 13725   | - Buoy 7                            | 46-12-22.065N<br>084-08-38.090W |                       |               |              | Green can.                               |  |
| 13730   | - <i>Lighted Buoy 6</i>             | 46-12-11.026N<br>084-08-11.296W | FI R 4s               |               | 4            | Red.                                     | Replaced by nun from Nov. 28 to Apr. 28.   |
| 13735   | - <i>Lighted Buoy 5</i>             | 46-12-09.065N<br>084-08-14.088W | FI G 4s               |               | 4            | Green.                                   | Replaced by can f from Nov. 28 to Apr. 28. |
| 13740   | - Buoy 4                            | 46-11-40.403N<br>084-07-15.020W |                       |               |              | Red nun.                                 |  |
| 13745   | - Buoy 3                            | 46-11-38.066N<br>084-07-18.083W |                       |               |              | Green can.                               |  |
| 13750   | - <i>Lighted Buoy 2</i>             | 46-11-09.644N<br>084-06-19.290W | FI R 2.5s             |               | 4            | Red.                                     | Replaced by nun f from Nov. 28 to Apr. 28. |
| 13755   | - <i>Lighted Buoy 1</i>             | 46-11-07.290N<br>084-06-22.142W | FI G 4s               |               | 4            | Green.                                   | Replaced by can f from Nov. 28 to Apr. 28. |
| <b>Lake George</b>                                      |                                     |                                 |                       |               |              |  |  |
| <b>East Neebish Island Channel</b>                      |                                     |                                 |                       |               |              |  |  |
| <i>Buoys maintained from May 7 to Oct. 28.</i>          |                                     |                                 |                       |               |              |  |  |
| 13760   | - Buoy 1                            | 46-19-15.261N<br>084-06-40.282W |                       |               |              | Green can.                               | Maintained f from May 07 to October 28     |

| (1)<br>No.  | (2)<br>Name and Location      | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks                         |
|---|-------------------------------|---------------------------------|-----------------------|---------------|--------------|------------------|--|
| <b>ST. MARYS RIVER</b>                                  |                               |                                 |                       |               |              |                  |  |
| <b>MUNUSCONG LAKE TO SAULT STE. MARIE (Chart 14883)</b> |                               |                                 |                       |               |              |                  |  |
| <b>Lake George</b>                                      |                               |                                 |                       |               |              |                  |  |
| <b>East Neebish Island Channel</b>                      |                               |                                 |                       |               |              |                  |  |
| <i>Buoys maintained from May 7 to Oct. 28.</i>          |                               |                                 |                       |               |              |                  |  |
| 13765   | - Buoy 2                      | 46-19-13.960N<br>084-06-33.850W |                       |               |              | Red nun.         | Maintained from May 7 to October 28    |
| 13770   | - Lighted Buoy 3              | 46-19-21.266N<br>084-06-32.990W | FI G 4s               |               | 3            | Green            |  |
| 13775   | - Buoy 5                      | 46-20-19.967N<br>084-07-18.293W |                       |               |              | Green can.       |  |
| 13780   | - Buoy 7                      | 46-20-30.067N<br>084-07-27.393W |                       |               |              | Green can.       |  |
| 13785   | - Buoy 8                      | 46-20-39.849N<br>084-07-29.123W |                       |               |              | Red nun.         |  |
| 13790   | - Lighted Buoy 9              | 46-20-43.967N<br>084-07-39.194W | Q G                   |               | 3            | Green.           |  |
| 13795   | - Buoy 11                     | 46-20-50.128N<br>084-07-40.170W |                       |               |              | Green can.       |  |
| 13800   | - Lighted Buoy 12             | 46-20-50.476N<br>084-07-38.081W | FI R 4s               |               | 3            | Red              |  |
| 13805   | - Lighted Buoy 13             | 46-20-56.322N<br>084-07-39.901W | FI G 4s               |               | 3            | Green.           |  |
| 13810   | - Buoy 14                     | 46-20-56.743N<br>084-07-37.184W |                       |               |              | Red nun.         |  |
| 13815   | Birch Point Lighted Buoy QV18 | 46-22-18.000N<br>084-08-12.000W | FI R 4s               |               |              | Red spar.        | Seasonal.                              |
| <b>Lake George Channel</b>                              |                               |                                 |                       |               |              |                  |  |
| <i>Buoys maintained from May 7 to Oct. 28.</i>          |                               |                                 |                       |               |              |                  |  |
| 13820   | - Buoy 1                      | 46-23-26.072N<br>084-08-33.086W |                       |               |              | Green can.       |  |
| 13830   | - Buoy 3                      | 46-23-42.536N<br>084-08-33.150W |                       |               |              | Green can.       |  |
| 13835   | - Buoy 3A                     | 46-23-52.748N<br>084-08-35.095W |                       |               |              | Green can.       |  |
| 13840   | - Buoy 4A                     | 46-23-54.200N<br>084-08-33.125W |                       |               |              | Red nun.         |  |
| 13845   | - Buoy 5                      | 46-24-02.369N<br>084-08-39.004W |                       |               |              | Green can.       |  |
| 13850   | - Lighted Buoy 6              | 46-24-03.604N<br>084-08-38.103W | FI R 2.5s             |               | 3            | Red.             |  |
| 13855   | - Buoy 7                      | 46-24-17.548N<br>084-08-47.310W |                       |               |              | Green can.       |  |
| 13860   | - Buoy 8                      | 46-24-19.672N<br>084-08-44.943W |                       |               |              | Red nun.         |  |
| 13865   | - Lighted Buoy 9              | 46-24-35.488N<br>084-08-58.375W | FI G 2.5s             |               | 3            | Green.           |  |
| 13870   | - Buoy 10                     | 46-24-35.276N<br>084-08-54.801W |                       |               |              | Red nun.         |  |
| 13875   | - Buoy 11                     | 46-25-05.719N<br>084-09-08.836W |                       |               |              | Green can.       |  |
| 13880   | - Buoy 12                     | 46-25-05.720N<br>084-09-05.465W |                       |               |              | Red nun.         |  |
| 13885   | - Buoy 13                     | 46-25-36.069N<br>084-09-17.710W |                       |               |              | Green can.       |  |
| 13890   | - Buoy 14                     | 46-25-36.716N<br>084-09-14.851W |                       |               |              | Red nun.         |  |
| 13895   | - Lighted Buoy 15             | 46-26-06.172N<br>084-09-28.811W | FI G 4s               |               | 3            | Green.           |  |
| 13900   | - Buoy 16                     | 46-26-06.076N<br>084-09-24.112W |                       |               |              | Red nun.         | Maintained year round.                 |
| <b>Sugar Island North Channel</b>                       |                               |                                 |                       |               |              |                  |  |
| <i>Buoys maintained from May 7 to Oct. 28.</i>          |                               |                                 |                       |               |              |                  |  |
| 13905   | - Lighted Buoy 1              | 46-30-13.406N<br>084-06-43.043W | FI G 4s               |               | 3            | Green.           | Replaced by can from Oct. 28 to May 7. |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>ST. MARYS RIVER</b>                                  |  |                                 |                       |               |              |   |  |
| <b>MUNUSCONG LAKE TO SAULT STE. MARIE (Chart 14883)</b> |  |                                 |                       |               |              |   |  |
| <b>Sugar Island North Channel</b>                       |  |                                 |                       |               |              |   |  |
| <i>Buoys maintained from May 7 to Oct. 28.</i>          |  |                                 |                       |               |              |   |  |
| 13910   | - Buoy 5   | 46-31-51.115N<br>084-08-46.047W |                       |               |              | Green can.  |  |
| 13912   | - Lighted Buoy 6   | 46-31-39.954N<br>084-09-24.156W | FI R 4s               |               | 4            | Red   |  |
| 13915   | - Lighted Buoy 6A  | 46-31-32.048N<br>084-10-37.238W | Q R                   |               | 3            | Red.  |  |
| 13920   | - Buoy 7   | 46-31-34.637N<br>084-10-49.655W |                       |               |              | Green can.  |  |
| 13925   | - Buoy 8   | 46-32-09.118N<br>084-11-41.834W |                       |               |              | Red nun.  |  |
| 13930   | - Buoy 9   | 46-32-05.458N<br>084-11-44.446W |                       |               |              | Green can.  |  |
| 13935   | - Buoy 13  | 46-31-14.165N<br>084-14-12.106W |                       |               |              | Green can.  |  |
| 13940   | - Buoy 15  | 46-30-45.354N<br>084-14-41.305W |                       |               |              | Green can.  |  |
| 13945   | - Buoy 30  | 46-29-35.016N<br>084-17-53.827W |                       |               |              | Red nun.  |  |
| 13950   | - Buoy 31  | 46-29-31.903N<br>084-17-58.285W |                       |               |              | Green can.  |  |
| <b>Lake Nicolet</b>                                     |  |                                 |                       |               |              |   |  |
| 13955   | UPPER NICOLET RANGE<br>FRONT LIGHT   | 46-27-15.561N<br>084-15-55.624W | F W                   | 42<br>13      |              | KRW on square<br>skeleton tower.                                    | For upbound traffic. Range<br>marks eastern half of channel.<br>Visible 1.5° each side of range<br>line  |
| 13960   | UPPER NICOLET RANGE<br>REAR LIGHT<br>3,107 feet, 339.6° from<br>front light.   | 46-27-44.307N<br>084-16-11.105W | F W                   | 84<br>26      |              | KRW on skeleton<br>tower.   | For upbound traffic. Range<br>marks eastern half of channel.<br>Visible 1.5° each side of range<br>line. |
| 13965   | - Lighted Buoy 82  | 46-24-15.573N<br>084-14-11.079W | FI R 4s               |               | 3            | Red.  | Replaced by nun from Nov. 21<br>to Apr. 14.  |
| 13970   | - Lighted Buoy 83  | 46-24-52.572N<br>084-14-53.960W | FI G 4s               |               | 3            | Green.  | Replaced by can f from Nov. 21<br>to Apr. 14.  |
| 13975   | - Buoy 84  | 46-25-25.391N<br>084-14-49.195W |                       |               |              | Red nun.  |  |
| 13980   | - Buoy 85  | 46-25-19.700N<br>084-15-08.643W |                       |               |              | Green can.  |  |
| 13985   | - Anchorage Buoy A   | 46-23-30.685N<br>084-14-25.020W |                       |               |              | Yellow can.   |  |
| 13990   | - Anchorage Buoy B   | 46-24-21.533N<br>084-14-51.975W |                       |               |              | Yellow can.   |  |
| 13995   | - Buoy 86  | 46-25-54.989N<br>084-15-04.785W |                       |               |              | Red nun.  |  |
| 14000   | - Lighted Buoy 86A   | 46-26-07.631N<br>084-15-19.213W | FI R 4s               |               | 3            | Red.  | Replaced by nun f from Nov. 21<br>to Apr. 14.  |
| 14005   | <i>Six Mile Point Lighted Buoy 87</i>  | 46-26-03.542N<br>084-15-31.972W | FI G 4s               |               | 5            | Green.  | Replaced by can f from Dec. 14<br>to Apr. 14.  |
| 14010   | FRECHETTE POINT LIGHT 91   | 46-27-20.131N<br>084-16-45.886W | FI G 2.5s             | 30<br>9       | 5            | SG on same<br>structure as<br>Frechette Point<br>Range Front Light. |  |
| 14015   | FRECHETTE POINT RANGE<br>FRONT LIGHT   | 46-27-20.221N<br>084-16-46.003W | Q G                   |               | 38<br>12     | KRW on square<br>skeleton tower.                                    | Visible 1.5° each side of range<br>line.   |
| 14020   | FRECHETTE POINT RANGE<br>REAR LIGHT<br>4,481 feet, 323.4° from<br>front light. | 46-27-55.734N<br>084-17-24.163W | F G                   | 93<br>28      |              | KRW on triangular<br>skeleton tower.                                | Visible 1.5° each side of range<br>line.   |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                   | (8)<br>Remarks   |
|---|---|---------------------------------|-----------------------|---------------|--------------|------------------------------------|--|
| <b>ST. MARYS RIVER</b>                                  |   |                                 |                       |               |              |                                    |  |
| <b>MUNUSCONG LAKE TO SAULT STE. MARIE (Chart 14883)</b> |   |                                 |                       |               |              |                                    |  |
| <b>Lake Nicolet</b>                                     |   |                                 |                       |               |              |                                    |  |
| 14025   | - LIGHT 88  | 46-26-48.701N<br>084-16-05.228W | FI R 2.5s             | 34<br>10      | 7            | TR on post on concrete foundation. |  |
| 14030   | - <i>Lighted Buoy 89</i>  | 46-26-53.800N<br>084-16-21.605W | FI G 4s               |               | 4            | Green.                             | Year round lighted buoy .  |
| 14035   | - Buoy 90   | 46-27-12.209N<br>084-16-26.303W |                       |               |              | Red nun.                           |  |
| 14040   | <b>Sugar Island Leading Light</b>                                       | 46-24-44.210N<br>084-13-58.904W | Iso W 6s              | 50<br>15      | 15           | KRW on square skeleton tower.      | The light is sectored and displays an ISO W 6s light in the channel center, a ISO R 6s Light marking the Port Channel Limits, and a ISO G 6s Light marking the Starboard Channel Limits Downbound. |
| <b>Little Rapids Cut</b>                                |   |                                 |                       |               |              |                                    |  |
| 14045   | SIX MILE POINT RANGE FRONT LIGHT  | 46-26-23.764N<br>084-15-58.774W | F W                   | 30<br>9       |              | KRW on white cylindrical tower.    | Lighted throughout 24 hours.   |
| 14050   | SIX MILE POINT RANGE REAR LIGHT<br>2,382 feet, 153.1° from front light. | 46-26-02.785N<br>084-15-43.390W | Iso W 6s              | 63<br>19      |              | KRW on square skeleton tower.      | Higher intensity on range line. Lighted throughout 24 hours.   |
| 14055   | - <i>Lighted Buoy 92</i>  | 46-27-40.624N<br>084-16-50.983W | FI R 4s               |               | 4            | Red.                               | Replaced by nun f from Nov. 21 to Apr. 14.   |
| 14060   | - <i>Junction Lighted Buoy</i>  | 46-27-38.065N<br>084-16-57.405W | FI (2+1)G 6s          |               | 4            | Green and red bands.               | Replaced by can f from Nov. 21 to Apr. 14.   |
| <b>Little Rapids Channel</b>                            |   |                                 |                       |               |              |                                    |  |
| <i>Buoys maintained from May 14 to Nov. 14.</i>         |   |                                 |                       |               |              |                                    |  |
| 14065   | - Buoy 2  | 46-27-42.761N<br>084-17-08.489W |                       |               |              | Red nun.                           |  |
| 14070   | - Buoy 4  | 46-27-44.803N<br>084-17-13.610W |                       |               |              | Red nun.                           |  |
| 14075   | - Buoy 5  | 46-27-46.555N<br>084-17-20.443W |                       |               |              | Green can.                         |  |
| 14080   | - Buoy 6  | 46-27-47.436N<br>084-17-18.744W |                       |               |              | Red nun.                           |  |
| 14085   | - Buoy 8  | 46-28-08.548N<br>084-17-42.997W |                       |               |              | Red nun.                           |  |
| <b>Little Rapids Cut</b>                                |   |                                 |                       |               |              |                                    |  |
| 14090   | - LIGHT 95  | 46-28-23.430N<br>084-17-32.466W | FI G 2.5s             | 18<br>5       | 4            | SG on column on concrete pier.     |  |
| 14095   | - LIGHT 96  | 46-28-30.960N<br>084-17-26.070W | FI R 2.5s             | 20<br>6       | 4            | TR on column on concrete pier.     |  |
| 14100   | - LIGHT 98  | 46-29-07.474N<br>084-17-53.087W | Q R                   | 25<br>8       | 7            | TR on triangular tower.            |  |
| 14105   | - <i>Lighted Ice Buoy 98B V-AIS</i>                                     | 46-29-07.000N<br>084-17-55.000W | Q R                   |               | 4            | Red ice buoy .                     | Marks upstream end of ice boom on eastern side of river. On station only during deployment of ice boom. AIS MMSI: 993683017  |
| 14110   | - LIGHT 99  | 46-29-12.105N<br>084-18-08.269W | F G                   | 32<br>10      | 8            | SG on skeleton tower.              | Visible 120° to 335°.  |
| 14115   | MISSION POINT OBSTRUCTION LIGHT D                                       | 46-29-16.374N<br>084-17-59.268W | FI W 6s               | 20<br>6       | 5            | On post.                           |  |
| 14120   | MISSION POINT OBSTRUCTION LIGHT A                                       | 46-29-16.764N<br>084-18-13.098W | FI W 4s               | 20<br>6       | 5            | On post.                           |  |
| 14125   | MISSION POINT OBSTRUCTION LIGHT E                                       | 46-29-21.630N<br>084-18-03.108W | FI W 4s               | 20<br>6       | 5            | On post.                           |  |
| 14130   | - <i>Lighted Buoy 101</i>   | 46-29-21.677N<br>084-18-17.049W | FI G 4s               |               | 3            | Green.                             | Maintained f from Apr. 14 to Dec. 7.   |

| (1)<br>No.   | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                   | (8)<br>Remarks   |
|--|--|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>ST. MARYS RIVER</b>                                     |  |                                 |                       |               |              |  |  |
| <b>MUNUSCONG LAKE TO SAULT STE. MARIE (Chart 14883)</b>    |  |                                 |                       |               |              |  |  |
| <b>Little Rapids Cut</b>                                   |  |                                 |                       |               |              |  |  |
| 14135  | - Junction Lighted Buoy LR   | 46-29-25.678N<br>084-18-07.132W | FI (2+1)R 6s          |               | 4            | Red with green band.                               | Replaced by nun f from Dec. 7 to Apr. 14.                        |
| 14140  | MISSION POINT OBSTRUCTION LIGHT B                                      | 46-29-25.926N<br>084-18-24.162W | FI W 6s               | 20<br>6       | 5            | On post.   |  |
| 14145  | MISSION POINT OBSTRUCTION LIGHT C                                      | 46-29-31.416N<br>084-18-32.694W | FI W 4s               | 20<br>6       | 5            | On post.   |  |
| 14150  | - Lighted Buoy 104   | 46-29-34.875N<br>084-18-14.283W | Q R                   |               | 3            | Red.   | Replaced by nun f from Dec. 7 to Apr. 14.                        |
| 14155  | - Lighted Buoy 105   | 46-29-32.878N<br>084-18-31.733W | Q G                   |               | 3            | Green.   | Replaced by can f from Dec. 14 to Apr. 14.                       |
| <b>HEAD OF LAKE NICOLET TO WHITEFISH BAY (Chart 14884)</b> |  |                                 |                       |               |              |  |  |
| <b>Bayfield Channel</b>                                    |  |                                 |                       |               |              |  |  |
| 14160  | BAYFIELD ROCK RANGE FRONT LIGHT  | 46-29-19.962N<br>084-16-59.114W | F W                   |               |              | KRW on skeleton tower.                             | Visible 4° each side of range line. Lighted throughout 24 hours. |
| 14165  | BAYFIELD ROCK RANGE REAR LIGHT<br>922 feet, 109.2° f from front light. | 46-29-16.969N<br>084-16-46.667W | F W                   | 54<br>16      |              | KRW on skeleton tower.                             | Visible 4° each side of range line. Lighted throughout 24 hours. |
| 14170  | - Lighted Buoy 107   | 46-29-36.898N<br>084-18-49.895W | FI G 4s               |               | 3            | Green.   | Replaced by can f from Nov. 21 to Apr. 14.                       |
| 14175  | - Lighted Buoy 108   | 46-30-03.091N<br>084-19-38.075W | FI R 2.5s             |               | 3            | Red.   | Replaced by nun f from Nov. 21 to Apr. 14.                       |
| 14180  | - Buoy 109   | 46-29-35.148N<br>084-18-54.987W |                       |               |              | Green can.   |  |
| 14185  | BAYFIELD DIKE LIGHT (C)  |                                 | Iso R 4s              | 25<br>8       |              | Red and white striped triangular day mark on mast. | Seasonal.  |
| 14190  | - Lighted Buoy 110   | 46-30-11.582N<br>084-19-57.618W | FI R 4s               |               | 3            | Red.   | Replaced by nun f from Dec. 14 to Apr. 14.                       |
| 14191  | GEORGE KEMP MARINA EAST LIGHT  | 46-30-01.200N<br>084-20-13.740W | FI G 4s               | 12<br>4       |              | Metal tower.                                       | Maintained f from May 1 to Oct. 31.<br>Private aid.              |
| 14192  | GEORGE KEMP MARINA WEST LIGHT  | 46-30-01.800N<br>084-20-13.740W | FI R 4s               | 12<br>4       |              | Piling with metal tower.                           | Maintained f from May 1 to Oct. 31.<br>Private aid.              |
| <b>American Canal</b>                                      |  |                                 |                       |               |              |  |  |
| 14195  | SOUTHEAST PIERHEAD LIGHT   |                                 | F R                   | 9<br>3        |              | Pipe.  | Aid maintained by U.S. Army Corps of Engineers.                  |
| 14200  | EAST CENTER PIERHEAD LIGHT<br>Marks direction of pier.                 |                                 | F R                   | 20<br>6       |              | Concrete column.                                   | Aid maintained by U.S. Army Corps of Engineers.                  |
| 14205  | NORTHEAST PIERHEAD LIGHT   |                                 | F R                   | 21<br>6       |              | Concrete column.                                   | Aid maintained by U.S. Army Corps of Engineers.                  |
| 14210  | WEST CENTER PIERHEAD LIGHT   |                                 | F R                   | 20<br>6       |              | Concrete column.                                   | Aid maintained by U.S. Army Corps of Engineers.                  |
| 14215  | SOUTHWEST PIER LIGHT   |                                 | Q W                   | 6<br>2        |              | Concrete column.                                   | Aid maintained by U.S. Army Corps of Engineers.                  |
| 14220  | SOUTHWEST PIERHEAD LIGHT   |                                 | F R                   | 20<br>6       |              | Concrete column.                                   | Aid maintained by U.S. Army Corps of Engineers.                  |

| (1)<br>No.   | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|--|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>ST. MARYS RIVER</b>                                     |  |                                 |                       |               |              |   |  |
| <b>HEAD OF LAKE NICOLET TO WHITEFISH BAY (Chart 14884)</b> |  |                                 |                       |               |              |   |  |
| <b>American Canal</b>                                      |  |                                 |                       |               |              |   |  |
| 14225  | NORTHWEST PIERHEAD LIGHT   |                                 | F R                   | 20<br>6       |              | Concrete column.  | SIREN: Answers signals.<br>Aid maintained by U.S. Army Corps of Engineers. |
| <b>Vidal Shoals Channel</b>                                |  |                                 |                       |               |              |   |  |
| 14230  | - RANGE FRONT LIGHT  | 46-30-14.113N<br>084-22-01.746W | Q R                   | 32<br>10      |              | KRW on skeleton tower.  | Visible 1.5° each side of range line                                       |
| 14235  | - RANGE REAR LIGHT<br>885 feet, 076.2° from front light.                               | 46-30-16.200N<br>084-21-49.465W | Iso R 6s              | 66<br>20      |              | KRW on skeleton tower.  | Visible 1.5° each side of range line.                                      |
| 14245  | - Lighted Buoy 2   | 46-30-10.813N<br>084-23-05.017W | FI R 4s               |               | 3            | Red.  | Replaced by nun from Nov. 21 to May 1.                                     |
| 14250  | - Lighted Buoy 3   | 46-29-56.500N<br>084-23-07.331W | FI G 4s               |               | 3            | Green.  | Replaced by can from Nov. 21 to May 1.                                     |
| 14255  | - Lighted Buoy 5   | 46-29-47.612N<br>084-23-55.464W | FI G 4s               |               | 4            | Green.  | Replaced by can from Nov. 21 to May 1.                                     |
| 14265  | Big Point Lighted Buoy 7   | 46-29-30.577N<br>084-25-16.452W | Q G                   |               | 4            | Green.  | Year round lighted buoy .  |
| 14290  | CANADIAN CANAL UPPER ENTRANCE RANGE FRONT LIGHT (C)                                    | 46-30-54.000N<br>084-22-18.000W | F R                   | 40<br>12      |              | Red square day mark with white vertical stripe on skeleton tower. | Lighted throughout 24 hours. Seasonal.                                     |
| 14295  | CANADIAN CANAL UPPER ENTRANCE RANGE REAR LIGHT (C)<br>811 feet, 051° from front light. |                                 | F R                   | 63<br>19      |              | Red square day mark with white vertical stripe on skeleton tower. | Lighted throughout 24 hours. Seasonal.                                     |
| 14300  | - Upper Turning Lighted Buoy QM11 (C)  | 46-30-41.969N<br>084-22-31.589W | Q G                   |               |              | Green.  | Spar; winter marker. Seasonal.   |
| <b>Vidal Shoals</b>  |  |                                 |                       |               |              |   |  |
| 14305  | - Northeast Lighted Buoy QM13 (C)  | 46-30-29.018N<br>084-22-56.089W | FI G 4s               |               |              | Green.  | Spar; winter marker. Seasonal.   |
| 14310  | - North Lighted Buoy QM14 (C)  | 46-30-24.613N<br>084-23-13.421W | FI R 4s               |               |              | Red.  | Spar; winter marker. Seasonal.   |
| 14315  | - Southwest Lighted Buoy P (C)   | 46-30-06.647N<br>084-23-34.365W |                       |               |              | Yellow with black band.   | Spar; winter marker. Cardinal buoyage. Seasonal.                           |
| 14320  | - West Lighted Buoy QM24 (C)   | 46-30-01.789N<br>084-23-53.609W | FI R 4s               |               |              | Red.  | Spar; winter marker. Seasonal.   |
| <b>Pointe Aux Pins Channel</b>                             |  |                                 |                       |               |              |   |  |
| 14325  | POINTE AUX PINS RANGE FRONT LIGHT (C)  | 46-28-06.000N<br>084-28-18.000W | F G                   | 30<br>9       |              | KWR on tower.   | Visible on range line only . Seasonal.                                     |
| 14330  | POINTE AUX PINS RANGE REAR LIGHT (C)<br>922 feet, 233.1° from front light.             |                                 | F G                   | 62<br>19      |              | KRW on skeleton tower.  | Visible on range line only . Seasonal.                                     |
| 14335  | - Lighted Buoy 8   | 46-29-39.353N<br>084-25-30.162W | FI R 2.5s             |               | 4            | Red.  | Year round lighted buoy .  |
| 14337  | - Lighted Buoy 9   | 46-29-04.795N<br>084-26-08.200W | FI G 4s               |               | 4            | Green.  | Replaced by can from Nov. 21 to May 1.                                     |
| 14340  | - Lighted Buoy 10  | 46-29-14.365N<br>084-26-18.715W | FI R 4s               |               | 4            | Red.  | Replaced by nun from Nov. 21 to May 1.                                     |

| (1)<br>No.   | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                  | (8)<br>Remarks  |
|--|---|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>ST. MARYS RIVER</b>                                     |   |                                 |                       |               |              |   |   |
| <b>HEAD OF LAKE NICOLET TO WHITEFISH BAY (Chart 14884)</b> |   |                                 |                       |               |              |   |   |
| <b>Pointe Aux Pins Channel</b>                             |   |                                 |                       |               |              |   |   |
| 14345  | <i>Pointe Aux Pins Bay Lighted Buoy P12 (C)</i>                         | 46-28-45.322N<br>084-27-13.728W | FI R 4s               |               |              | Red.  | Spar; winter marker.<br>Seasonal.                                     |
| 14350  | <i>Brush Point Lighted Buoy 13</i>                                      | 46-28-23.593N<br>084-27-28.615W | Q G                   |               | 4            | Green.  | Replaced by can f from Dec. 21<br>to May 1.                           |
| 14355  | BRUSH POINT LIGHT A   | 46-28-20.551N<br>084-27-27.110W | Q W                   | 25<br>8       | 4            | NB on post.                                       |   |
| 14360  | <i>Pointe Aux Pins Bay Lighted Buoy P14 (C)</i>                         | 46-28-21.871N<br>084-27-51.890W | FI R 4s               |               |              | Red.  | Spar; winter marker.<br>Seasonal.                                     |
| 14365  | <i>Brush Point Lighted Buoy 15</i>                                      | 46-28-06.570N<br>084-27-43.910W | FI G 4s               |               | 4            | Green.  | Replaced by can f from Nov. 21<br>to May 1.                           |
| 14370  | POINTE AUX PINS MAIN LIGHT (C)  | 46-27-50.800N<br>084-28-22.300W | Iso R 4s              | 27<br>8       | 8            | On circular tower<br>with red and white<br>bands. | Seasonal.   |
| 14375  | <i>Brush Point Lighted Buoy 17</i>                                      | 46-27-43.477N<br>084-28-04.562W | Q G                   |               | 4            | Green.  | Replaced by can f from Dec. 21<br>to May 1.                           |
| 14380  | <i>Brush Point Lighted Buoy P19 (C)</i>                                 | 46-27-28.692N<br>084-28-41.258W | FI G 4s               |               |              | Green.  | Spar; winter marker.<br>Seasonal.                                     |
| 14385  | <i>Point Louise Lighted Buoy P20 (C)</i>                                | 46-27-39.900N<br>084-28-42.120W | FI R 4s               |               |              | Red.  | Spar; winter marker.<br>Seasonal.                                     |
| 14390  | BRUSH POINT RANGE FRONT LIGHT   | 46-27-44.459N<br>084-27-46.843W | F R                   | 33<br>10      |              | KRW on square<br>skeleton tower.                  |   |
| 14395  | BRUSH POINT RANGE REAR LIGHT<br>2,016 feet, 074° from front<br>light.   | 46-27-49.951N<br>084-27-19.167W | F R                   | 71<br>22      |              | KRW on square<br>skeleton tower.                  | Visible 14° each side of range<br>line. Lighted throughout 24 hours.  |
| 14400  | <i>Cedar Point Lighted Buoy 21</i>                                      | 46-27-15.439N<br>084-29-42.962W | FI G 4s               |               | 3            | Green.  | Replaced by can f from Nov. 21<br>to May 1.                           |
| 14405  | <i>Cedar Point Lighted Buoy P22 (C)</i>                                 | 46-27-27.134N<br>084-29-46.155W | FI R 4s               |               |              | Red.  | Spar; winter marker.<br>Seasonal.                                     |
| 14410  | <i>Cedar Point Lighted Buoy 23</i>                                      | 46-27-02.289N<br>084-30-48.707W | FI G 4s               |               | 3            | Green.  | Replaced by can f from Nov. 21<br>to May 1.                           |
| 14415  | <i>Cedar Point Lighted Buoy 24</i>                                      | 46-27-13.553N<br>084-30-52.068W | FI R 4s               |               | 3            | Red.  | Replaced by nun f from Nov. 21<br>to May 1.                           |
| <b>Round Island</b>  |   |                                 |                       |               |              |   |   |
| 14420  | - <i>Lighted Buoy 25</i>  | 46-26-50.752N<br>084-31-39.753W | FI G 4s               |               | 4            | Green.  | Year round lighted buoy.  |
| 14425  | - LIGHT 26  | 46-27-02.100N<br>084-31-53.000W | Q R                   | 34<br>10      | 5            | White cylindrical<br>tower with red<br>band.      | RACON: M ( - - )  |
| 14430  | BIRCH POINT RANGE FRONT LIGHT   | 46-26-01.301N<br>084-31-24.093W | F R                   | 63<br>19      |              | KRW on skeleton<br>tower.                         | Visible 1.5° each side of range<br>line. Lighted throughout 24 hours. |
| 14435  | BIRCH POINT RANGE REAR LIGHT<br>3,450 feet, 138.6° from<br>front light. | 46-25-35.734N<br>084-30-51.555W | F R                   | 113<br>34     |              | KRW on skeleton<br>tower.                         | Visible 1.5° each side of range<br>line. Lighted throughout 24 hours. |
| 14440  | - Buoy 27   | 46-26-43.317N<br>084-32-17.114W |                       |               |              | Green can.  |   |
| 14445  | Point Iroquois Anchorage Buoy "B"                                       | 46-26-40.647N<br>084-33-00.394W |                       |               |              | Yellow can.                                       |   |
| 14450  | - Buoy 30   | 46-27-11.345N<br>084-32-23.877W |                       |               |              | Red nun.  |   |

| (1)<br>No.   | (2)<br>Name and Location                         | (3)<br>Position                 | (4)<br>Characteristic                                | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|--|--|---------------------------------|--|---------------|--------------|---|--|
| <b>ST. MARYS RIVER</b>                                     |  |                                 |  |               |              |   |  |
| <b>HEAD OF LAKE NICOLET TO WHITEFISH BAY (Chart 14884)</b> |  |                                 |  |               |              |   |  |
| <b>Round Island</b>  |  |                                 |  |               |              |   |  |
| 14455  | - Traffic Buoy (RI) V-AIS                        | 46-27-07.023N<br>084-32-47.446W |  |               |              |   | AIS MMSI: 993683016  |
| 14460  | - Lighted Buoy 32                                | 46-27-19.511N<br>084-32-45.709W | FI R 2.5s  |               | 4            | Red.  | Replaced by nun from Dec. 7 to May 1.  |
| <b>Point Iroquois</b>                                      |  |                                 |  |               |              |   |  |
| 14465  | - Shoal Lighted Buoy 33                          | 46-27-39.538N<br>084-33-47.859W | FI G 4s  |               | 4            | Green.  | Maintained from 01 May to 07 Dec.  |
| 14470  | - Anchorage Buoy A                               | 46-27-32.438N<br>084-34-58.892W |  |               |              | Yellow can.   |  |
| 14473  | Pointe De Chenes Lighted Buoy P34 (C)            | 46-27-54.156N<br>084-33-28.453W | FI R 4s  |               |              |   |  |
| 14475  | - Shoal Buoy 35                                  | 46-28-25.577N<br>084-34-47.062W |  |               |              | Green can.  |  |
| 14483  | - Lighted Buoy P38 (C)                           | 46-29-11.419N<br>084-35-07.385W | FI R 4s  |               |              | Red.  | Spar; winter marker. Seasonal.   |
| 14485  | - Shoal Buoy 37                                  | 46-29-01.020N<br>084-35-32.537W |  |               |              | Green can.  |  |
| 14490  | - Shoal Lighted Bell Buoy 39                     | 46-29-41.942N<br>084-36-24.579W | Q G  |               | 4            | Green.  | Replaced by can from 07 Dec to 01 May  |
| 14495  | <b>Gros Cap Reefs Light (C)</b>                  | 46-30-42.000N<br>084-36-54.000W | FI R 5s  | 59<br>18      | 14           | On white square block.  | Seasonal. Emergency light.   |
| <b>LAKE SUPERIOR</b>                                       |  |                                 |  |               |              |   |  |
| <b>ST. MARYS RIVER TO AU SABLE POINT (Chart 14962)</b>     |  |                                 |  |               |              |   |  |
| 14510  | <b>Ile Parisienne Light (C)</b>                  | 46-38-42.000N<br>084-43-24.000W | FI W 10s<br>1s fl 9s ec.                             | 53<br>16      | 16           | White hexagonal tower.  | Seasonal. Emergency light.   |
| 14515  | WHITEFISH HARBOR LIGHT 2                         | 46-45-31.950N<br>084-57-50.148W | FI R 4s  | 29<br>9       | 5            | TR on pile.   |  |
| 14520  | WHITEFISH HARBOR LIGHT 3                         | 46-45-33.333N<br>084-57-52.992W | FI G 4s  | 29<br>9       | 4            | SG on pile.   |  |
| 14525  | WHITEFISH HARBOR LIGHT 4                         | 46-45-35.800N<br>084-57-53.900W | FI R 4s  | 25<br>8       | 4            | TR on white column.   |  |
| 14530  | <b>Whitefish Point Light</b>                     | 46-46-16.062N<br>084-57-26.802W | FI (2)W 20s<br>0.2s fl 4.8s ec.<br>0.2s fl 14.8s ec. | 80<br>24      | 15           | White cylindrical tower.<br>90  | RACON: O ( - - - )<br>Standby light of reduced intensity.  |
| 14535  | CRISP POINT LIGHT                                | 46-45-06.900N<br>085-15-27.180W | FI W 6s  |               |              |   | Maintained from May 1 to Nov 1 Private aid.  |
| 14540  | LITTLE LAKE HARBOR LIGHT 2                       | 46-43-04.404N<br>085-21-52.128W | FI R 4s  | 19<br>6       | 5            |   | Maintained from Jun.1 to Oct. 1.   |
| 14545  | LITTLE LAKE HARBOR LIGHT 3                       | 46-42-59.775N<br>085-21-50.971W | FI G 4s  | 28<br>9       | 4            | SG on post.   |  |
| 14550  | <b>Grand Marais Harbor Of Refuge Outer Light</b> | 46-41-01.611N<br>085-58-18.224W | FI W 2.5s  | 40<br>12      | 10           | Skeleton tower with upper part enclosed.<br>41                        | HORN: 1 blast ev 15s (2s bl). Fog signal operates by keying microphone five times on VHF-FM channel 83A. Operates from May 1 to Oct. 20. |
| 14552  | <i>Grand Marais Weather Buoy</i>                 | 46-44-24.000N<br>085-58-48.000W | FI Y 4s  |               |              |   | Maintained from Apr. 15 to Nov. 15.<br>Private aid.  |
| 14555  | GRAND MARAIS HARBOR OF REFUGE LIGHT 1            | 46-40-50.800N<br>085-58-09.900W | FI G 4s  | 24<br>7       | 4            | SG on post.   |  |
| 14560  | <b>Grand Marais Harbor Of Refuge Inner Light</b> | 46-40-36.005N<br>085-58-16.031W | F W  | 54<br>16      | 16           | White square pyramidal skeleton tower with upper part enclosed.<br>64 |  |



| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks   |
|---|--|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>LAKE SUPERIOR</b>                                    |  |                                 |                       |               |              |  |  |
| <b>GRAND MARAIS TO BIG BAY POINT (Chart 14963)</b>      |  |                                 |                       |               |              |  |  |
| 14565   | <b>Au Sable Light</b>  | 46-40-18.600N<br>086-08-23.500W | Fl W 6s               | 100<br>30     | 13           | White conical tower<br>with red dwelling<br>attached.<br>110 |  |
| 14570   | GRAND ISLAND LIGHT   | 46-33-34.692N<br>086-40-48.432W | Fl W 6s               | 190<br>58     | 9            | On white post.   |  |
| 14572   | <i>Munising Weather Buoy</i>   | 46-34-12.000N<br>086-34-12.000W | Fl Y 4s               |               |              |  | Maintained from Apr. 15 to Nov. 15<br>Private aid.   |
| 14575   | MUNISING ENTRANCE<br>LEADING LIGHT   | 46-24-53.820N<br>086-39-40.644W | F W                   | 79<br>24      |              | White conical<br>tower.                                      | Sectored light, white light in the<br>channel center, red light right of<br>channel center, green light left of<br>channel center. |
| 14582   | MUNISING CITY PIER LIGHT   | 46-24-49.080N<br>086-39-06.960W | Fl R 3s               |               |              | On white post.   | Private aid.   |
| 14585   | <i>Trout Point Lighted Bell Buoy 2</i>   | 46-29-05.000N<br>086-35-47.500W | Fl R 4s               |               | 4            | Red.   | Replaced by nun f from Oct. 14 to<br>May 7.  |
| 14590   | <i>Sand Point Lighted Bell Buoy 3</i>  | 46-27-31.040N<br>086-36-46.739W | Fl G 4s               |               | 4            | Green.   | Replaced by can f from Oct. 14 to<br>May 7.  |
| 14595   | Grand Island Harbor Buoy 4   | 46-27-27.827N<br>086-37-04.496W |                       |               |              | Red nun.   |  |
| 14600   | <b>Bay Furnace Light</b>   | 46-26-19.602N<br>086-41-31.464W | Fl W 2.5s             | 20<br>6       | 11           | White cylindrical<br>tower.<br>21                            | Higher intensity beam on bearing<br>166°.  |
| 14603   | Bay Furnace Buoy 2   | 46-26-33.400N<br>086-41-18.900W |                       |               |              | Red nun.   |  |
| 14610   | Williams Landing Buoy 1  | 46-26-47.415N<br>086-40-49.611W |                       |               |              | Green can.   |  |
| 14615   | Grand Island Shoal Buoy 1A   | 46-27-09.375N<br>086-41-45.714W |                       |               |              | Green can.   |  |
| <b>MARQUETTE AND PRESQUE ISLE HARBORS (Chart 14970)</b> |  |                                 |                       |               |              |  |  |
| 14620   | Marquette Bay South Shoal<br>Buoy 1A   | 46-30-44.205N<br>087-21-27.316W |                       |               |              | Green can.   |  |
| 14625   | Marquette Rocks Buoy 1<br>Marks northeast side of<br>shoal.                                      | 46-32-55.107N<br>087-22-09.486W |                       |               |              | Green can.   | Replaced by can f from Oct. 14 to<br>May 7.  |
| 14630   | <b>Marquette Light</b>   | 46-32-48.080N<br>087-22-33.760W | Fl W 10s              | 77<br>23      | 10           | Red square tower<br>on dwelling.                             |  |
| 14635   | <b>Marquette Breakwater Outer<br/>Light</b>  | 46-32-01.680N<br>087-22-29.040W | Fl W 2.5s             | 36<br>11      | 12<br>R 12   | White cylindrical<br>tower with red<br>band.                 | Red f from 181° to 198°.<br>HORN: 1 blast ev 15s (2s bl).<br>Operates by keying microphone<br>five times on VHF-FM Ch. 83A.        |
| 14640   | MARQUETTE BREAKWATER<br>INNER LIGHT  | 46-32-12.870N<br>087-22-43.430W | Fl R 6s               | 38<br>12      | 5            | TR on post.  |  |
| 14645   | Marquette Harbor Buoy 1<br>Marks shoal.  | 46-31-41.941N<br>087-22-52.892W |                       |               |              | Green can.   |  |
| 14650   | Marquette Power And Light<br>Channel Buoy 1  | 46-32-01.900N<br>087-23-07.300W |                       |               |              | Green can.   | Private aid.   |
| 14655   | Marquette Power And Light<br>Channel Buoy 2  | 46-32-06.100N<br>087-23-08.000W |                       |               |              | Red nun-shaped<br>spar.                                      | Private aid.   |
| 14656   | Marquette Power And Light<br>Range Front Day beacon  | 46-31-56.100N<br>087-23-36.500W |                       |               |              | Orange and white<br>diamond.                                 | Private aid.   |
| 14657   | Marquette Power And Light<br>Range Rear Day beacon<br>100 feet, 250° from front<br>range beacon. | 46-31-55.500N<br>087-23-38.600W |                       |               |              | Orange and white<br>diamond.                                 | Private aid.   |
| 14660   | Marquette Harbor Buoy 3  | 46-32-10.110N<br>087-23-08.532W |                       |               |              | Green can.   |  |
| 14665   | Marquette Harbor Buoy 5  | 46-32-19.260N<br>087-23-08.462W |                       |               |              | Green can.   |  |
| 14666   | Marquette Harbor Buoy 7  | 46-32-31.207N<br>087-23-08.409W |                       |               |              | Green can.   |  |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks   |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>LAKE SUPERIOR</b>                                    |   |                                 |                       |               |              |  |  |
| <b>MARQUETTE AND PRESQUE ISLE HARBORS (Chart 14970)</b> |   |                                 |                       |               |              |  |  |
| 14667   | MARQUETTE MARINA<br>ENTRANCE LIGHT 1                                    | 46-32-34.510N<br>087-23-02.520W | FI G 2.5s             |               |              | SG on blue pole.   | Maintained from Mar. 1 to Nov. 30.<br>Private aid.   |
| 14668   | MARQUETTE MARINA<br>ENTRANCE LIGHT 2                                    | 46-32-33.420N<br>087-23-01.820W | FI R 2.5s             |               |              | TR on blue pole.   | Maintained from Mar. 1 to Nov. 30.<br>Private aid.   |
| 14670   | <b>Presque Isle Harbor<br/>Breakwater Light</b>                         | 46-34-28.110N<br>087-22-28.180W | FI R 4s               | 56<br>17      | 11           | White cylindrical tower with red band on octagonal building.<br>56 | HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Fog Signal operates by keying the microphone five times on VHF-FM Channel 83A. |
| 14680   | <i>Presque Isle Harbor Lighted Buoy 1</i><br>Marks north side of shoal. | 46-34-08.024N<br>087-23-03.573W | FI G 4s               |               | 4            | Green.   | Replaced by can from Oct. 14 to May 7.   |
| 14685   | <i>Wisconsin Electric Power Company Lighted Buoy 3</i>                  | 46-34-33.800N<br>087-23-16.200W | Q G                   |               |              | Green.   | Maintained from Apr. 1 to Dec. 1.<br>Private aid.  |
| 14688   | PRESQUE ISLE MARINA<br>LIGHT 1  | 46-34-49.700N<br>087-23-09.000W | F G                   |               |              | SG on building.  | Maintained from May 1 to Oct. 31.<br>Private aid.  |
| 14690   | PRESQUE ISLE MARINA<br>LIGHT 2  | 46-34-51.000N<br>087-23-06.000W | FI R 4s               | 12<br>4       |              | TR on red steel pile.  | Maintained from May 1 to Oct. 31.<br>Private aid.  |
| 14695   | Presque Isle Harbor Buoy 2<br>Marks shoal.                              | 46-34-34.168N<br>087-22-49.647W |                       |               |              | Red nun.   |  |
| <b>GRAND MARAIS TO BIG BAY POINT (Chart 14963)</b>      |   |                                 |                       |               |              |  |  |
| 14700   | <b>Granite Island Light</b>   | 46-43-15.200N<br>087-24-45.600W | FI W 6s               | 96<br>29      | 11           | Gray skeleton tower.<br>50   |  |
| 14702   | <i>Granite Island Weather Buoy</i>                                      | 46-43-12.000N<br>087-25-12.000W | FI Y 4s               |               |              |  | Maintained from Apr. 15 to Nov. 15.<br>Private aid.  |
| 14705   | <b>Big Bay Point Light</b>  | 46-50-31.150N<br>087-40-45.320W | FI W 6s               | 89<br>27      | 12           | Red square tower on dwelling.<br>60                                |  |
| 14710   | Big Bay Point Buoy 1<br>Marks north side of shoal.                      | 46-51-41.718N<br>087-41-15.468W |                       |               |              | Green can.   | Maintained from May 14 to Oct. 14.   |
| 14715   | BIG BAY HARBOR WEST<br>PIER LIGHT                                       | 46-49-48.000N<br>087-43-29.400W | FI R 4s               | 25<br>8       | 5            | TR on column.  |  |
| 14720   | Big Bay Harbor East Pier<br>Day beacon                                  | 46-49-41.300N<br>087-43-32.000W |                       |               |              | SG on column.  |  |
| 14725   | <b>Stannard Rock Light</b><br>Marks north side of reef.                 | 47-11-00.620N<br>087-13-30.420W | FI W 6s               | 102<br>31     | 10           | Gray conical tower on cylindrical crib.<br>110                     |  |
| <b>BIG BAY POINT TO REDRIDGE (Chart 14964)</b>          |   |                                 |                       |               |              |  |  |
| 14730   | <b>Huron Island Light</b>   | 46-57-47.920N<br>087-59-55.410W | FI W 10s              | 197<br>60     | 12           | Gray granite tower on dwelling.<br>39                              |  |
| 14735   | Point Abbaye Shoal Buoy 6   | 46-57-29.861N<br>088-05-51.512W |                       |               |              | Red nun.   |  |
| 14740   | <i>Point Abbaye Shoal Lighted Bell Buoy 3</i>                           | 46-58-22.524N<br>088-06-15.441W | FI G 4s               |               | 5            | Green.   | Maintained from May 14 to Oct. 14.   |
| 14745   | HURON BAY LIGHT   | 46-53-28.000N<br>088-12-53.000W | FI W 4s               | 34<br>10      | 6            | NG on skeleton tower.  |  |
| 14750   | SAND POINT LIGHT  | 46-47-00.246N<br>088-27-59.310W | FI W 4s               | 40<br>12      | 6            | NR on skeleton tower.  |  |
| 14755   | L'Anse Bay Shoal Buoy 2   | 46-46-46.440N<br>088-28-04.920W |                       |               |              | Red nun.   | Maintained from May 14 to Oct. 14.   |
| 14760   | L'Anse Buoy 1   | 46-45-33.369N<br>088-27-33.557W |                       |               |              | Green can.   | Maintained from May 14 to Oct. 14.   |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                            | (8)<br>Remarks  |
|---|---|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE SUPERIOR</b>                                    |   |                                 |                       |               |              |   |   |
| <b>BIG BAY POINT TO REDRIDGE (Chart 14964)</b>          |   |                                 |                       |               |              |   |   |
| 14762   | L'ANSE MARINA LIGHT 2   | 46-45-28.000N<br>088-27-26.000W | Fl R 4s               | 8<br>2        |              | TR on pile.                                 | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| 14763   | <b>Indian Country Sports Light</b>                                      | 46-45-28.200N<br>088-27-21.300W | Fl W 2.5s             | 44<br>13      |              | Cupola atop white square tower.             | Private aid.  |
| <b>KEWEENAW WATERWAY (Chart 14972)</b>                  |   |                                 |                       |               |              |   |   |
| <b>Keweenaw Waterway</b>                                |   |                                 |                       |               |              |   |   |
| <i>Lighted buoys maintained from May 14 to Nov. 14.</i> |   |                                 |                       |               |              |   |   |
| 14765   | - LOWER ENTRANCE LIGHT  | 46-58-07.986N<br>088-25-51.561W | Fl W 6s               | 68<br>21      | 9            | White octagonal tower on concrete pierhead. | Standby light of reduced intensity.<br>HORN: 1 blast ev 30s (3s bl).<br>Operates by keying microphone five times on VHF-FM Ch. 83A. |
| 14775   | - <i>Lighted Buoy 1</i>   | 46-58-05.418N<br>088-25-59.768W | Fl G 4s               |               | 4            | Green.                                      |   |
| 14780   | - <i>Lighted Buoy 3</i>   | 46-58-25.068N<br>088-26-01.430W | Fl G 4s               |               | 4            | Green.                                      |   |
| 14780.1   | - Buoy 3A   | 46-58-47.178N<br>088-26-06.120W |                       |               |              | Green can.                                  | Maintained from May 14 to Oct. 14.  |
| 14785   | - <i>Lighted Buoy 4</i>   | 46-58-56.641N<br>088-26-03.647W | Fl R 4s               |               | 3            | Red.  |   |
| 14790   | - LIGHT 5   | 46-58-55.164N<br>088-26-08.230W | Fl G 2.5s             | 14<br>4       | 4            | SG on white pile.                           |   |
| 14795   | - Day beacon 7  | 46-59-00.242N<br>088-26-08.950W |                       |               |              | SG on skeleton tower.                       |   |
| 14800   | - Day beacon 9  | 46-59-19.977N<br>088-26-10.983W |                       |               |              | SG on skeleton tower.                       |   |
| 14805   | - LIGHT 10  | 46-59-21.890N<br>088-26-01.690W | Fl R 2.5s             | 14<br>4       | 4            | TR on post.                                 |   |
| 14810   | - LIGHT 11<br>Marks northwest end of Middle Ground.                     | 46-59-24.224N<br>088-26-08.927W | Fl G 2.5s             | 14<br>4       | 4            | SG on white pile.                           |   |
| 14815   | - LIGHT 13  | 46-59-31.928N<br>088-26-09.300W | Q G                   | 14<br>4       | 4            | SG on white pile.                           |   |
| 14820   | - SOUTH RANGE FRONT LIGHT   | 46-59-36.499N<br>088-26-03.461W | Q W                   | 25<br>8       |              | KRW on gray skeleton tower.                 | Light visible 360°.   |
| 14825   | - SOUTH RANGE REAR LIGHT<br>1,673 feet, 136.2° from front light.        | 46-59-24.585N<br>088-25-46.750W | Iso W 6s              | 57<br>17      |              | KRW on gray skeleton tower.                 | Visible 1.5° each side of range line.   |
| 14830   | - LIGHT 15  | 46-59-43.620N<br>088-26-16.670W | Fl G 2.5s             | 14<br>4       | 4            | SG on white pile.                           |   |
| 14835   | - LIGHT 17  | 47-00-07.880N<br>088-26-50.630W | Fl G 2.5s             | 14<br>4       | 4            | SG on white pile.                           |   |
| 14840   | - LIGHT 16  | 47-00-10.610N<br>088-26-46.460W | Fl R 2.5s             | 14<br>4       | 4            | TR on white pile.                           |   |
| 14845   | - LIGHT 19  | 47-00-41.060N<br>088-27-37.170W | Fl G 2.5s             | 14<br>4       | 4            | SG on post.                                 |   |
| 14850   | - LIGHT 18  | 47-00-43.800N<br>088-27-33.010W | Fl R 2.5s             | 14<br>4       | 4            | TR on white pile.                           |   |
| 14855   | - LIGHT 20  | 47-01-13.890N<br>088-28-15.240W | Q R                   | 14<br>4       | 4            | TR on white pile.                           |   |
| 14860   | PRINCESS POINT RANGE FRONT LIGHT  | 47-01-17.531N<br>088-28-29.300W | Q W                   | 20<br>6       |              | KRW on gray skeleton tower.                 | Light visible 360°. Higher intensity on range line.   |
| 14865   | PRINCESS POINT RANGE REAR LIGHT<br>1,142 feet, 164.7° from front light. | 47-01-06.666N<br>088-28-24.940W | Iso W 6s              | 41<br>13      |              | KRW on gray skeleton tower.                 | Visible 1.5° each side of range line.   |
| 14870   | - LIGHT 22  | 47-01-34.800N<br>088-28-30.940W | Fl R 2.5s             | 13<br>4       | 4            | TR on white pile.                           |   |

| (1)<br>No.  | (2)<br>Name and Location                 | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                             | (8)<br>Remarks                         |
|---|--|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>LAKE SUPERIOR</b>                                    |  |                                 |                       |               |              |  |  |
| <b>KEWEENAW WATERWAY (Chart 14972)</b>                  |  |                                 |                       |               |              |  |  |
| <b>Keweenaw Waterway</b>                                |  |                                 |                       |               |              |  |  |
| <i>Lighted buoys maintained from May 14 to Nov. 14.</i> |  |                                 |                       |               |              |  |  |
| 14875   | - Buoy 24                                | 47-01-50.843N<br>088-28-40.247W |                       |               |              | Red nun.                                     | Maintained from May 14 to Nov 14.      |
| 14880   | - LIGHT 25                               | 47-01-49.620N<br>088-28-43.740W | FI G 2.5s             | 15<br>5       | 4            | SG on white pile.                            |  |
| 14885   | - Buoy 26                                | 47-02-19.720N<br>088-28-51.024W |                       |               |              | Red nun.                                     |  |
| 14890   | - <i>Lighted Buoy 27</i>                 | 47-02-18.941N<br>088-28-55.874W | Q G                   |               | 4            | Green.                                       |  |
| 14895   | Pike Bay Obstruction Beacons<br>(5)      | 47-01-41.000N<br>088-31-13.000W |                       |               |              | NW on posts worded DANGER SUBMERGED PILINGS. | Private aid.                           |
| 14900   | - <i>Junction Lighted Buoy "KW"</i>      | 47-04-18.989N<br>088-29-25.074W | FI (2+1)R 6s          |               | 4            | Red and green bands.                         |  |
| <b>Torch Lake Canal</b>                                 |  |                                 |                       |               |              |  |  |
| <i>Buoys maintained from May 14 to Oct. 14.</i>         |  |                                 |                       |               |              |  |  |
| 14905   | - Buoy 1                                 | 47-05-42.518N<br>088-25-38.255W |                       |               |              | Green can.                                   |  |
| 14906   | - <i>Lighted Buoy 2</i>                  | 47-05-50.040N<br>088-25-13.950W | FI R 4s               |               | 4            | Red nun.                                     |  |
| 14907   | - Buoy 3                                 | 47-06-49.000N<br>088-24-35.000W |                       |               |              | Green can.                                   |  |
| 14908   | - Buoy 4                                 | 47-06-49.000N<br>088-24-29.000W |                       |               |              | Red nun.                                     |  |
| 14911   | - Buoy 5                                 | 47-07-37.020N<br>088-24-22.970W |                       |               |              | Green can.                                   |  |
| 14914   | - Buoy 7                                 | 47-08-01.820N<br>088-24-18.220W |                       |               |              | Green can.                                   |  |
| 14915   | - Buoy 8                                 | 47-08-02.078N<br>088-24-16.655W |                       |               |              | Red nun.                                     |  |
| 14915.5   | - <i>Lighted Buoy 9</i>                  | 47-08-10.590N<br>088-24-19.040W | FI G 4s               |               | 4            | Green can.                                   |  |
| 14916   | - Buoy 10                                | 47-08-24.450N<br>088-24-22.660W |                       |               |              | Red nun.                                     |  |
| 14917   | - Buoy 11                                | 47-08-33.970N<br>088-24-28.420W |                       |               |              | Green can.                                   |  |
| 14918   | - Buoy 12                                | 47-09-00.900N<br>088-24-40.240W |                       |               |              | Red nun.                                     |  |
| 14919   | - Buoy 13                                | 47-09-00.698N<br>088-24-41.795W |                       |               |              | Green can.                                   |  |
| 14922   | - <i>Lighted Buoy 14</i>                 | 47-09-26.138N<br>088-24-53.495W | FI R 2.5s             |               | 4            | Red nun.                                     |  |
| 14923   | - Buoy 15                                | 47-09-26.200N<br>088-24-55.870W |                       |               |              | Green can.                                   |  |
| 14925   | Lake Linden Harbor Buoy 1                | 47-10-36.392N<br>088-24-32.312W |                       |               |              | Green can.                                   |  |
| <b>Keweenaw Waterway</b>                                |  |                                 |                       |               |              |  |  |
| <i>Lighted buoys maintained from May 14 to Nov. 14.</i> |  |                                 |                       |               |              |  |  |
| 14926   | Torch Lake Southwest Arm<br>Wreck Buoy 2 | 47-08-58.889N<br>088-27-01.151W |                       |               |              | Red nun.                                     | Maintained from May 14 to Nov 14.      |
| 14935   | - Buoy 30<br>Marks west side of shoal.   | 47-05-19.749N<br>088-29-52.981W |                       |               |              | Red nun.                                     |  |
| 14937   | - Buoy 30A                               | 47-06-05.231N<br>088-30-03.296W |                       |               |              | Red nun.                                     | Maintained from May 14 to Nov 14.      |
| 14940   | PILGRIM POINT LEADING<br>LIGHT           | 47-06-23.962N<br>088-30-26.439W | FI W 4s               | 22<br>7       | 9            | NB on post.                                  | Higher intensity beam on bearing 165°. |
| 14945   | - <i>Lighted Buoy 31</i>                 | 47-06-32.414N<br>088-30-19.834W | Q G                   |               | 3            | Green.                                       | Can; winter marker.                    |
| 14950   | - <i>Lighted Buoy 33</i>                 | 47-07-04.160N<br>088-31-56.382W | FI G 2.5s             |               | 4            | Green can.                                   |  |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure          | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|---------------------------|---|
| <b>LAKE SUPERIOR</b>                                    |  |                                 |                       |               |              |                           |   |
| <b>KEWEENAW WATERWAY (Chart 14972)</b>                  |  |                                 |                       |               |              |                           |   |
| <b>Keweenaw Waterway</b>                                |  |                                 |                       |               |              |                           |   |
| <i>Lighted buoys maintained from May 14 to Nov. 14.</i> |  |                                 |                       |               |              |                           |   |
| 14955   | - Buoy 34  | 47-07-21.448N<br>088-32-47.551W |                       |               |              | Red nun.                  | Maintained from May 14 to Nov 14.   |
| 14960   | - Lighted Buoy 35  | 47-07-17.563N<br>088-32-48.527W | FI G 4s               |               | 4            | Green.                    |   |
| 14965   | - Buoy 36  | 47-07-27.016N<br>088-33-08.434W |                       |               |              | Red nun.                  |   |
| 14970   | OSCEOLA POINT LIGHT  | 47-07-22.649N<br>088-35-39.183W | Q R                   | 20<br>6       | 4            | TR on post.               |   |
| 14975   | Atlantic Point Lighted Buoy 37   | 47-07-29.977N<br>088-36-28.124W | FI G 4s               |               | 4            | Green.                    |   |
| 14980   | - Buoy 39  | 47-07-33.267N<br>088-36-59.615W |                       |               |              | Green can.                |   |
| 14985   | - Buoy 40  | 47-07-39.687N<br>088-36-58.775W |                       |               |              | Red nun.                  | Maintained from May 14 to Nov 14.   |
| 14990   | - Lighted Buoy 42  | 47-07-49.206N<br>088-37-11.267W | FI R 4s               |               | 4            | Red.                      |   |
| 14995   | COLE CREEK LIGHT   | 47-07-45.403N<br>088-37-19.370W | FI G 2.5s             | 25<br>8       | 5            | SG on post.               |   |
| 15000   | - Buoy 44  | 47-07-58.156N<br>088-37-20.428W |                       |               |              | Red nun.                  | Maintained from May 14 to Nov 14.   |
| 15005   | - Buoy 46  | 47-08-14.231N<br>088-37-28.181W |                       |               |              | Red nun.                  | Maintained from May 14 to Nov 14.   |
| 15010   | - Buoy 48  | 47-09-10.507N<br>088-37-47.678W |                       |               |              | Red nun.                  |   |
| 15015   | - Lighted Buoy 49  | 47-09-28.500N<br>088-37-58.910W | FI G 4s               |               | 3            | Green.                    | Can; winter marker.   |
| 15025   | - Lighted Buoy 50  | 47-09-59.785N<br>088-38-19.931W | FI R 4s               |               | 3            | Red.                      | Nun; winter marker.   |
| 15030   | - Lighted Buoy 51  | 47-10-13.719N<br>088-38-28.618W | FI G 2.5s             |               | 3            | Green.                    | Replaced by can from Nov. 14 to May 14.   |
| 15035   | - Buoy 52  | 47-10-12.076N<br>088-38-20.806W |                       |               |              | Red nun.                  | Maintained from May 14 to Nov 14.   |
| 15040   | ROULEAU POINT RANGE<br>FRONT LIGHT   | 47-11-33.218N<br>088-37-07.865W | Q W                   | 26<br>8       |              | KRW on skeleton<br>tower. | Light visible 360°. Also serves<br>as a leading light for Lily Pond<br>Lower Canal. |
| 15045   | ROULEAU POINT RANGE<br>REAR LIGHT<br>1,282 feet, 033.4° from<br>front light. | 47-11-43.778N<br>088-36-57.635W | F W                   | 55<br>17      |              | KRW on skeleton<br>tower. | Visible 1.5° each side of range<br>line.  |
| 15050   | - Buoy 54  | 47-10-23.100N<br>088-38-13.460W |                       |               |              | Red nun.                  | Maintained from May 14 to Nov 14.   |
| 15055   | - Buoy 55  | 47-10-29.237N<br>088-38-12.679W |                       |               |              | Green can.                |   |
| 15060   | - Buoy 56  | 47-10-52.320N<br>088-37-45.270W |                       |               |              | Red nun.                  | Maintained from May 14 to Nov 14.   |
| 15065   | - Buoy 57  | 47-10-52.315N<br>088-37-50.075W |                       |               |              | Green can.                | Maintained from May 14 to Nov 14.   |
| 15070   | - Buoy 59  | 47-11-18.724N<br>088-37-24.779W |                       |               |              | Green can.                | Maintained from May 14 to Nov 14.   |
| 15075   | - Buoy 60  | 47-11-22.070N<br>088-37-17.074W |                       |               |              | Red nun.                  | Maintained from May 14 to Nov 14.   |

| (1)<br>No.  | (2)<br>Name and Location                           | (3)<br>Position                 | (4)<br>Characteristic                              | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|---|--|---------------------------------|--|---------------|--------------|---|---|
| <b>LAKE SUPERIOR</b>                                    |  |                                 |  |               |              |   |   |
| <b>KEWEENAW WATERWAY (Chart 14972)</b>                  |  |                                 |  |               |              |   |   |
| <b>Keweenaw Waterway</b>                                |  |                                 |  |               |              |   |   |
| <i>Lighted buoys maintained from May 14 to Nov. 14.</i> |  |                                 |  |               |              |   |   |
| 15080   | - Lighted Buoy 61                                  | 47-11-28.022N<br>088-37-18.237W | FI G 2.5s  |               | 3            | Green.  | Replaced by can from Nov 14 to May 14.  |
| 15085   | LILY POND LEADING LIGHT                            | 47-12-01.340N<br>088-37-03.860W | FI R 2.5s  | 25<br>8       | 6            | TR on post.   |   |
| 15090   | - Buoy 63  | 47-11-51.676N<br>088-37-10.593W |  |               |              | Green can.  | Maintained from May 14 to Nov 14.   |
| 15095   | LILY POND SOUTH LIGHT 68                           | 47-12-30.420N<br>088-37-05.340W | FI R 4s  | 25<br>8       | 5            | TR on post.   |   |
| 15100   | LILY POND NORTH LIGHT 70                           | 47-13-00.960N<br>088-37-08.730W | Q R  | 25<br>8       | 5            | TR on post.   |   |
| <b>Keweenaw Upper Entrance</b>                          |  |                                 |  |               |              |   |   |
| 15105   | - EAST REVETMENT LIGHT 72                          | 47-13-36.060N<br>088-37-32.380W | FI R 4s  | 25<br>8       | 5            | TR on post.   |   |
| 15110   | - WEST REVETMENT LIGHT                             | 47-13-34.330N<br>088-37-37.780W | FI G 4s  | 25<br>8       | 5            | SG on post.   |   |
| 15115   | - WEST BREAKWATER LIGHT                            | 47-14-01.940N<br>088-37-56.620W | FI G 4s  | 32<br>10      | 5            | SG on post.   |   |
| 15120   | - Light  | 47-14-04.320N<br>088-37-49.210W | FI W 15s   | 82<br>25      | 15           | White square tower on cylindrical base.                             | HORN: 1 blast ev 30s (3s bl). Operates by keying microphone five times on VHF-FM Channel 83A. |
| <b>BIG BAY POINT TO REDRIDGE (Chart 14964)</b>          |  |                                 |  |               |              |   |   |
| 15130   | GRAND TRAVERSE BAY HARBOR LIGHT 2                  | 47-11-18.000N<br>088-14-06.000W | FI (2)R 5s<br>0.4s fl 0.6s ec.<br>0.4s fl 3.6s ec. | 29<br>9       | 7            | TR on post.   |   |
| 15135   | GRAND TRAVERSE BAY HARBOR LIGHT3                   | 44-11-19.700N<br>088-14-08.000W | FI G 2.5s  | 27<br>8       | 4            | SG on post.   |   |
| 15140   | Bete Grise Bay Shoal Buoy 1                        | 47-21-29.676N<br>087-55-30.000W |  |               |              | Green can.  |   |
| 15145   | LAC LA BELLE SOUTH PIERHEAD LIGHT                  | 47-22-27.300N<br>087-57-46.000W | FI G 4s  | 29<br>9       | 7            | SG on post.   |   |
| 15150   | LAC LA BELLE NORTH PIERHEAD LIGHT                  | 47-22-31.200N<br>087-57-48.200W | FI R 4s  | 25<br>8       | 4            | 2 TR on gray pole.  |   |
| 15151   | <b>Mendota Light</b>                               | 47-22-26.500N<br>087-58-00.100W | FI W 20s   | 44<br>13      |              | Square buff-brick tower in front of dwelling with steep gable roof. | Private aid.  |
| 15155   | <i>Keweenaw Point Lighted Buoy 1</i>               | 47-23-46.177N<br>087-42-31.938W | FI G 4s  |               | 4            | Green.  | Maintained from May 14 to Oct. 14.  |
| 15160   | Gull Rock Buoy 4                                   | 47-24-30.694N<br>087-40-01.847W |  |               |              | Red nun.  |   |
| 15165   | GULL ROCK LIGHT                                    | 47-25-03.000N<br>087-39-50.000W | FI (2)W 5s<br>0.4s fl 0.6s ec.<br>0.4s fl 3.6s ec. | 50<br>15      | 8            | White square tower on dwelling.                                     |   |
| 15170   | <b>Manitou Light</b>                               | 47-25-11.300N<br>087-35-12.610W | FI W 10s   | 81<br>25      | 12           | Cylindrical tower.  | RACON: M ( - - )  |
| 15175   | <b>Copper Harbor Light</b>                         | 47-28-28.100N<br>087-51-36.900W | FI G 6s  | 90<br>27      | 14           | On white skeleton tower near white dwelling.                        |   |
| 15180   | <i>Copper Harbor Entrance Lighted Bell Buoy CH</i> | 47-28-41.094N<br>087-51-52.171W | Mo (A) W   |               | 6            | Red and white stripes.  | Maintained from May 14 to Oct. 14.  |
| 15185   | COPPER HARBOR RANGE FRONT LIGHT                    | 47-28-07.392N<br>087-51-59.250W | Q W  | 28<br>9       |              | KWR on red small house with tower.                                  | Visible 14° each side of range line.  |

| (1)<br>No.                                     | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks  |
|--|--|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE SUPERIOR</b>                           |  |                                 |                       |               |              |  |   |
| <b>BIG BAY POINT TO REDRIDGE (Chart 14964)</b> |  |                                 |                       |               |              |  |   |
| 15190  | COPPER HARBOR RANGE<br>REAR LIGHT<br>412 feet, 190.5° from front<br>light. | 47-28-03.392N<br>087-52-00.341W | F W                   | 40<br>12      |              | KWR on white<br>tapered skeleton<br>tower.               | Visible 14° each side of range<br>line.   |
| 15191  | Copper Harbor Crib Buoy  | 47-28-12.000N<br>087-53-03.000W |                       |               |              | White with orange<br>bands and orange<br>diamond.        | Maintained from May 15 to Oct.<br>15.<br>Private aid.                                   |
| 15192  | Copper Harbor Shoal Buoy   | 47-28-17.000N<br>087-53-42.000W |                       |               |              | White with orange<br>bands and orange<br>diamond.        | Maintained from May 15 to Oct.<br>15.<br>Private aid.                                   |
| 15195  | <b>Eagle Harbor Light</b>  | 47-27-35.130N<br>088-09-32.700W | Al WR 20s             | 60<br>18      | 23           | White octagonal<br>tower on red<br>dwelling.             | Obscured 150° to 330°.  |
| 15205  | <i>Eagle Harbor Shoal Lighted<br/>Bell Buoy 1</i>                          | 47-27-50.078N<br>088-09-30.239W | FI G 4s               |               | 5            | Green.   | Maintained from May 14 to Oct.<br>14.   |
| 15210  | EAGLE HARBOR RANGE<br>FRONT LIGHT  | 47-27-18.449N<br>088-09-05.251W | Q G                   | 24<br>7       |              | KRW on post.   | Visible 4° each side of range<br>line.  |
| 15215  | EAGLE HARBOR RANGE<br>REAR LIGHT<br>1055 feet, 149.7° from front<br>light. | 47-27-09.457N<br>088-08-57.512W | Iso G 6s              | 44<br>13      |              | KRW on gray<br>tower.                                    | Visible 4° each side of range<br>line.  |
| <b>REDRIDGE TO SAXON HARBOR (Chart 14965)</b>  |  |                                 |                       |               |              |  |   |
| 15220  | ONTONAGON HARBOR EAST<br>BREAKWATER LIGHT                                  | 46-52-44.900N<br>089-19-43.500W | Iso G 6s              | 25<br>8       | 6            | SG on pile.  |   |
| 15225  | ONTONAGON HARBOR<br>WEST BREAKWATER LIGHT                                  | 46-52-46.080N<br>089-19-51.040W | FI R 4s               | 31<br>9       | 8            | White skeleton<br>tower with upper<br>part enclosed.     | HORN: 2 blasts ev 60s (3s bl-3s<br>si-3s bl-51s si). Operates from<br>May 1 to Oct. 20. |
| 15230  | BLACK RIVER EAST<br>BREAKWATER LIGHT 1                                     | 46-40-08.682N<br>090-02-56.262W | FI G 4s               | 31<br>9       | 9            | SG on post.  |   |
| 15235  | BLACK RIVER WEST<br>BREAKWATER LIGHT 2                                     | 46-40-05.730N<br>090-02-57.160W | FI R 4s               | 18<br>5       | 3            | TR on tower.   | Maintained from May 28 to Oct.<br>14.   |
| 15240  | Black River Buoy 3   | 46-40-06.230N<br>090-02-53.547W |                       |               |              | Green can.   | Maintained from May 21 to Oct.<br>21.   |
| 15245  | SAXON HARBOR EAST<br>BREAKWATER LIGHT                                      | 46-33-49.170N<br>090-26-16.520W | FI G 6s               | 29<br>9       | 7            | SG on post.  |   |
| 15250  | SAXON HARBOR WEST<br>BREAKWATER LIGHT                                      | 46-33-47.070N<br>090-26-17.070W | FI R 6s               | 29<br>9       | 7            | TR on white<br>column.                                   |   |
| <b>APOSTLE ISLANDS (Chart 14973)</b>           |  |                                 |                       |               |              |  |   |
| 15255  | <b>Outer Island Light</b>  | 47-04-35.500N<br>090-25-00.110W | FI W 10s              | 130<br>40     | 12           | White conical tower<br>with dwelling<br>attached.<br>130 |   |
| 15260  | GULL ISLAND LIGHT  | 46-54-24.000N<br>090-26-36.000W | FI W 2.5s             | 56<br>17      | 7            |  |   |
| 15265  | STOCKTON ISLAND<br>HARBOR EAST ENTRANCE<br>LIGHT                           | 46-54-50.000N<br>090-33-05.500W | FI G 2.5s             | 18<br>5       |              | SG on post.  | Private aid.  |
| 15270  | STOCKTON ISLAND<br>HARBOR WEST ENTRANCE<br>LIGHT                           | 46-54-48.000N<br>090-33-07.000W | FI R 2.5s             | 18<br>5       |              | TR on post.  | Private aid.  |
| 15275  | <b>Michigan Island Light</b>   | 46-52-17.154N<br>090-29-49.545W | FI W 6s               | 170<br>52     | 11           | White cylindrical<br>tower.<br>11                        |   |
| 15280  | LA POINTE LIGHT  | 46-43-43.359N<br>090-47-05.697W | Iso G 6s              | 70<br>21      | 10           | White cylindrical<br>tower.                              |   |
| 15290  | <i>Madeline Island Lighted Buoy<br/>4</i><br>Marks west side of shoal.     | 46-44-57.955N<br>090-48-01.016W | FI R 4s               |               | 4            | Red.   | Nun; winter marker. Maintained<br>from May 21 to Nov. 21.                               |
| 15295  | CHEQUAMEGON POINT<br>LIGHT   | 46-43-42.550N<br>090-48-33.380W | FI G 4s               | 33<br>10      | 7            | White cylindrical<br>tower.                              |   |

| (1)<br>No.  | (2)<br>Name and Location                       | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                    | (8)<br>Remarks                                       |
|---|--|---------------------------------|-----------------------|---------------|--------------|-------------------------------------|--|
| <b>LAKE SUPERIOR</b>                              |  |                                 |                       |               |              |                                     |  |
| <b>APOSTLE ISLANDS (Chart 14973)</b>              |  |                                 |                       |               |              |                                     |  |
| <b>Chequamegon Bay</b>                            |  |                                 |                       |               |              |                                     |  |
| 15300   | Houghton Point Lighted Buoy 6                  | 46-41-48.376N<br>090-50-45.179W | FI R 4s               |               | 4            | Red.                                | Maintained from May 21 to Nov. 21.                   |
| 15305   | - Lighted Buoy 1<br>Marks west side of shoal.  | 46-39-54.855N<br>090-51-33.520W | FI G 4s               |               | 4            | Green.                              | Maintained from May 21 to Nov. 21.                   |
| <b>ASHLAND AND WASHBURN HARBORS (Chart 14974)</b> |  |                                 |                       |               |              |                                     |  |
| <b>Chequamegon Bay</b>                            |  |                                 |                       |               |              |                                     |  |
| <b>Ashland Harbor</b>                             |  |                                 |                       |               |              |                                     |  |
| 15310   | - BREAKWATER LIGHT                             | 46-37-41.478N<br>090-52-14.200W | FI W 6s               | 60<br>18      | 9            | White octagonal<br>pyramidal tower. |  |
| 15315   | - BREAKWATER SOUTH<br>LIGHT                    | 46-37-03.893N<br>090-50-32.886W | FI R 4s               | 21<br>6       | 5            | White pile.                         |  |
| 15355   | - Lighted Buoy 1                               | 46-36-06.762N<br>090-53-26.983W | FI G 4s               |               | 4            | Green.                              | Replaced by can from Nov 21.<br>to May 21.           |
| 15360   | - Buoy 2                                       | 46-36-06.472N<br>090-53-32.913W |                       |               |              | Red nun.                            |  |
| 15365   | - Buoy 3                                       | 46-35-56.983N<br>090-53-26.873W |                       |               |              | Green can.                          |  |
| 15370   | - Lighted Buoy 4                               | 46-35-56.403N<br>090-53-35.274W | Q R                   |               | 4            | Red.                                | Replaced by nun from Nov. 21<br>to May 21.           |
| 15375   | - Buoy 5                                       | 46-35-50.583N<br>090-53-35.064W |                       |               |              | Green can.                          |  |
| 15380   | - Buoy 6                                       | 46-35-46.770N<br>090-53-57.645W |                       |               |              | Red.                                |  |
| 15390   | ASHLAND ORE DOCK LIGHT                         | 46-36-10.660N<br>090-52-56.880W | Q Y                   |               |              | Diamond day mark<br>on a pile.      | Private aid.   |
| 15395   | NORTHERN POWER LIGHT 1                         | 46-35-48.050N<br>090-53-13.110W | FI Y 4s               |               |              |                                     | Private aid.   |
| 15395.1   | NORTHERN POWER LIGHT 2                         | 46-35-45.510N<br>090-53-14.980W | FI Y 4s               |               |              |                                     | Private aid.   |
| 15395.2   | NORTHERN POWER LIGHT 3                         | 46-35-51.670N<br>090-53-02.340W | FI Y 4s               |               |              |                                     | Private aid.   |
| 15400   | Reiss Coal Co. Dock Buoy 2                     | 46-35-39.500N<br>090-53-50.000W |                       |               |              | Red spar.                           | Maintained from Apr. 1 to Dec.<br>1.<br>Private aid. |
| 15404   | ASHLAND MARINA SOUTH<br>BREAKWATER LIGHT       | 46-35-34.195N<br>090-53-16.770W | FI W 2.5s             | 17<br>5       |              | NW on post<br>worded DANGER.        | Maintained from May 1 to Nov.<br>1.<br>Private aid.  |
| 15405   | ASHLAND MARINA LIGHT 1                         | 46-35-39.800N<br>090-53-18.000W | FI G 2.5s             | 20<br>6       |              | SG on post.                         | Maintained from May 1 to Nov.<br>1.<br>Private aid.  |
| 15406   | ASHLAND MARINA LIGHT 2                         | 46-35-41.198N<br>090-53-23.550W | FI R 2.5s             | 21<br>6       |              | TR on post.                         | Maintained from May 1 to Nov.<br>1.<br>Private aid.  |
| 15410   | ASHLAND MARINA<br>BREAKWATER LIGHT             | 46-35-43.100N<br>090-53-19.500W | Q W                   | 20<br>6       |              | NW on post<br>worded DANGER.        | Maintained from May 1 to Nov.<br>1.<br>Private aid.  |
| 15420   | WASHBURN HARBOR<br>SOUTH BREAKWATER LIGHT<br>2 | 46-40-01.800N<br>090-53-17.000W | FI R 4s               | 20<br>6       |              | TR on post.                         | Maintained from Apr. 1 to Dec.<br>1.<br>Private aid. |
| 15425   | WASHBURN HARBOR<br>NORTH BREAKWATER<br>LIGHT 1 | 46-40-02.900N<br>090-53-16.900W | FI G 4s               | 20<br>6       |              | SG on post.                         | Maintained from Apr. 1 to Dec.<br>1.<br>Private aid. |
| 15430   | SIXTH AVENUE BREAKWALL<br>LIGHT                | 46-39-57.000N<br>090-54-19.000W | F Y                   | 7<br>2        |              | On post.                            | Maintained from Apr. 1 to Dec.<br>1.<br>Private aid. |
| <b>APOSTLE ISLANDS (Chart 14973)</b>              |  |                                 |                       |               |              |                                     |  |
| 15440   | MADLINE ISLAND MARINA<br>ENTRANCE SOUTH LIGHT  | 46-46-20.800N<br>090-47-01.400W | FI R 4s               | 15<br>5       |              | TR on white metal<br>f frame.       | Maintained from May 1 to Nov.<br>1.<br>Private aid.  |



| (1)<br>No.                                     | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                  | (8)<br>Remarks  |
|--|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE SUPERIOR</b>                           |  |                                 |                       |               |              |   |   |
| <b>APOSTLE ISLANDS (Chart 14973)</b>           |  |                                 |                       |               |              |   |   |
| 15445  | MADLINE ISLAND MARINA<br>ENTRANCE NORTH LIGHT                                  | 46-46-21.500N<br>090-46-58.600W | FI W 4s               | 15<br>5       |              | Green square<br>day mark on white<br>metal frame. | Maintained from May 1 to Nov.<br>1.<br>Private aid.   |
| 15450  | LAPOINTE HARBOR<br>DETACHED BREAKWATER<br>WEST LIGHT                           | 46-46-40.000N<br>090-47-23.800W | Q W                   | 26<br>8       |              | On post.  | Private aid.  |
| 15455  | LAPOINTE HARBOR<br>DETACHED BREAKWATER<br>EAST LIGHT                           | 46-46-40.200N<br>090-47-20.100W | Q W                   | 26<br>8       |              | On post.  | Private aid.  |
| 15460  | MADLINE ISLAND<br>BREAKWATER LIGHT   | 46-46-43.150N<br>090-47-20.850W | FI G 4s               | 28<br>9       | 6            | SG on pole.                                       |   |
| <b>Port Superior Marina</b>                    |  |                                 |                       |               |              |   |   |
| <i>Aids maintained from Apr. 15 to Nov. 1.</i> |  |                                 |                       |               |              |   |   |
| 15470  | - Buoy 2   | 46-47-20.600N<br>090-50-59.000W |                       |               |              | Red.  | Private aid.  |
| 15475  | - Buoy 4   | 46-47-20.700N<br>090-51-00.300W |                       |               |              | Red.  | Private aid.  |
| 15480  | - Buoy 5   | 46-47-19.800N<br>090-51-02.600W |                       |               |              | Green.  | Private aid.  |
| 15485  | - Buoy 6   | 46-47-20.600N<br>090-51-02.200W |                       |               |              | Red.  | Private aid.  |
| 15490  | - LIGHT 7  | 46-47-19.600N<br>090-51-03.900W | FI G 4s               | 15<br>5       |              | On pile.  | Private aid.  |
| 15495  | - LIGHT 8  | 46-47-20.200N<br>090-51-05.700W | FI R 4s               | 15<br>5       |              | On pile.  | Private aid.  |
| <b>APOSTLE ISLANDS (Chart 14973)</b>           |  |                                 |                       |               |              |   |   |
| 15500  | Bayfield Ruins Buoy 1  | 46-48-08.560N<br>090-49-26.000W |                       |               |              | Green can.  | Maintained from May 21 to Oct.<br>21.   |
| 15505  | MATTSON LIGHT  | 46-48-22.400N<br>090-49-14.300W | FI R 2.5s             | 13<br>4       |              | Diamond day mark<br>on pile.                      | Maintained from May 1 to Nov.<br>1.<br>Private aid.   |
| 15510  | BAYFIELD HARBOR SOUTH<br>BREAKWATER LIGHT                                      | 46-48-34.620N<br>090-48-41.050W | FI G 4s               | 25<br>8       | 7            | SG on post.                                       | HORN: 1 blast ev 15s (2s bl).<br>Operates by keying the<br>microphone five times on VHF-<br>FM channel 83A. |
| 15520  | BAYFIELD HARBOR NORTH<br>BREAKWATER LIGHT                                      | 46-48-35.980N<br>090-48-39.330W | FI R 4s               | 28<br>9       | 6            | TR on white<br>column.                            |   |
| 15525  | BAYFIELD MUNICIPAL<br>BREAKWATER LIGHT   | 46-48-41.300N<br>090-48-41.000W | Iso G 6s              | 25<br>8       |              | On pile.  | Maintained from Apr. 15 to Dec.<br>15.<br>Private aid.  |
| 15527  | BAYFIELD FERRY LANDING<br>BREAKWALL LIGHT 2                                    | 46-48-43.140N<br>090-48-38.940W | FI R 4s               |               |              | TR on post.                                       | Maintained from Apr. 15 to Nov.<br>15.<br>Private aid.  |
| <b>Red Cliff</b>                               |  |                                 |                       |               |              |   |   |
| 15530  | - BREAKWATER LIGHT   | 46-50-10.000N<br>090-47-16.000W | FI R 4s               | 18<br>5       |              | On pile.  | Maintained from May 1 to Nov.<br>1.<br>Private aid.   |
| 15545  | - Point Lighted Buoy 4   | 46-53-40.500N<br>090-44-47.500W | FI R 4s               |               | 4            | Red.  | Maintained from May 21 to Oct.<br>14.   |
| <b>APOSTLE ISLANDS (Chart 14973)</b>           |  |                                 |                       |               |              |   |   |
| 15550  | LITTLE MANITOU ISLAND<br>LIGHT   | 46-57-42.350N<br>090-41-10.860W | FI G 4s               | 21<br>6       | 6            | SG on skeleton<br>tower.                          |   |
| 15555  | RASPBERRY ISLAND LIGHT   | 46-58-13.200N<br>090-48-17.470W | FI W 2.5s             | 58<br>18      | 7            |   |   |
| 15560  | Marina Shoal Buoy 3  | 46-58-10.604N<br>090-48-33.832W |                       |               |              | Green can.  |   |
| 15565  | <b>Devils Island Light</b>   | 47-04-46.288N<br>090-43-41.130W | FI R 10s              | 100<br>30     | 11           | Cylindrical tower.<br>100                         |   |
| 15570  | <i>York Island Shoals Lighted Bell<br/>Buoy 1</i><br>Marks west side of shoal. | 47-01-35.142N<br>090-51-22.577W | FI G 4s               |               | 4            | Green.  | Maintained from May 21 to Oct.<br>14.   |

| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                      | (8)<br>Remarks   |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE SUPERIOR</b>                                  |  |                                 |                       |               |              |   |  |
| <b>APOSTLE ISLANDS (Chart 14973)</b>                  |  |                                 |                       |               |              |   |  |
| 15575   | Sand Island Buoy 2<br>Marks north side of shoal.                     | 47-00-51.462N<br>090-54-17.570W |                       |               |              | Red nun.  | Maintained from May 21 to Oct. 14.   |
| 15580   | SAND ISLAND LIGHT  | 47-00-11.910N<br>090-56-14.720W | FI W 6s               | 60<br>18      | 9            | Red tower on dwelling.                                |  |
| 15581   | LITTLE SAND BAY HARBOR EAST LIGHT 1                                  | 46-56-47.840N<br>090-53-31.080W | FI G 2.5s             | 17<br>5       |              | On post.  | Private aid.   |
| 15582   | LITTLE SAND BAY HARBOR WEST LIGHT 2                                  | 46-56-47.220N<br>090-53-32.880W | FI R 2.5s             | 17<br>5       |              | On post.  | Private aid.   |
| 15584   | Cornucopia West Entrance Buoy 2<br>Marks best water due to shoaling. | 46-51-34.140N<br>091-06-16.260W |                       |               |              | Red nun.  | Maintained from May 1 to Oct. 15.<br>Private aid.  |
| <b>LITTLE GIRLS POINT TO SILVER BAY (Chart 14966)</b> |  |                                 |                       |               |              |   |  |
| 15585   | CORNUCOPIA EAST PIER LIGHT   | 46-51-34.848N<br>091-06-17.232W | FI G 2.5s             | 29<br>9       | 8            | SG on post.   |  |
| 15590   | PORT WING EAST PIER LIGHT  | 46-47-34.729N<br>091-23-10.067W | FI G 4s               | 27<br>8       | 5            | SG on post.   |  |
| <b>DULUTH - SUPERIOR HARBOR (Chart 14975)</b>         |  |                                 |                       |               |              |   |  |
| <b>Superior Entry</b>                                 |  |                                 |                       |               |              |   |  |
| 15595   | - South Breakwater Light   | 46-42-36.740N<br>092-00-22.220W | FI G 5s               | 70<br>21      | 15           | White cylindrical tower on fog signal building.<br>70 | HORN: 1 blast ev 30s (3s bl). Operates by keying microphone five times on VHF-FM C. 83A. |
| 15600   | - NORTH BREAKWATER LIGHT 2   | 46-42-41.478N<br>092-00-30.000W | Q R                   | 38<br>12      | 5            | TR on post.   |  |
| 15605   | - INNER NORTH PIERHEAD LIGHT 2A                                      | 46-42-30.920N<br>092-00-49.200W | Iso R 6s              | 35<br>11      | 7            | TR on post.   |  |
| 15610   | - INNER SOUTH PIERHEAD LIGHT 1                                       | 46-42-26.770N<br>092-00-44.990W | Iso G 6s              | 35<br>11      | 5            | SG on post.   |  |
| 15615   | SUPERIOR HARBOR BASIN LIGHT 1A                                       | 46-42-15.840N<br>092-01-01.380W | FI G 2.5s             | 35<br>11      | 4            | SG on post.   |  |
| <b>Allouez Bay</b>                                    |  |                                 |                       |               |              |   |  |
| 15630   | - Entrance Buoy 1  | 46-42-12.833N<br>092-01-03.914W |                       |               |              | Green can.  |  |
| 15635   | - Channel Buoy 2   | 46-42-06.683N<br>092-01-13.184W |                       |               |              | Red nun.  |  |
| 15640   | - Lighted Buoy 3   | 46-42-06.506N<br>092-01-01.801W | FI G 4s               |               | 4            | Green.  | Replaced by can f from Dec. 01 to Apr. 28.   |
| 15645   | - Channel Buoy 4   | 46-41-57.503N<br>092-00-54.004W |                       |               |              | Red nun.  |  |
| 15650   | - Channel Buoy 5   | 46-41-59.293N<br>092-00-48.284W |                       |               |              | Green can.  |  |
| <b>Superior Harbor Basin</b>                          |  |                                 |                       |               |              |   |  |
| 15660   | - Anchorage Buoy A   | 46-42-34.604N<br>092-01-43.480W |                       |               |              | Yellow nun.   |  |
| 15665   | - Anchorage Buoy B   | 46-42-58.581N<br>092-02-20.441W |                       |               |              | Yellow nun.   |  |
| 15670   | - Buoy 1   | 46-42-17.785N<br>092-01-36.295W |                       |               |              | Green can.  |  |
| 15675   | - Buoy 3   | 46-42-19.613N<br>092-01-48.124W |                       |               |              | Green can.  |  |
| 15680   | - Lighted Buoy 4   | 46-42-30.213N<br>092-01-55.384W | FI R 4s               |               | 4            | Red.  | Maintained f from Apr. 28 to Dec. 01.  |
| 15685   | - Buoy 5   | 46-42-29.803N<br>092-02-15.664W |                       |               |              | Green can.  |  |
| <b>Superior Front Channel</b>                         |  |                                 |                       |               |              |   |  |
| 15690   | - RANGE FRONT LIGHT  | 46-42-25.592N<br>092-02-07.451W | Q G                   | 42<br>13      |              | KRW on skeleton tower.                                | Visible 1.5° each side of range line.  |

| (1)<br>No.                                    | (2)<br>Name and Location                                 | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                | (8)<br>Remarks                          |
|---|--|---------------------------------|-----------------------|---------------|--------------|---------------------------------|---|
| <b>LAKE SUPERIOR</b>                          |  |                                 |                       |               |              |                                 |   |
| <b>DULUTH - SUPERIOR HARBOR (Chart 14975)</b> |  |                                 |                       |               |              |                                 |   |
| <b>Superior Front Channel</b>                 |  |                                 |                       |               |              |                                 |   |
| 15695   | - RANGE FRONT PASSING LIGHT                              | 46-42-25.780N<br>092-02-06.750W | FI G 4s               | 18<br>5       | 5            | On range front light structure. | Visible from 150° to 270°.              |
| 15700   | - RANGE REAR LIGHT<br>892 feet, 135.5° from front light. | 46-42-19.307N<br>092-01-58.481W | Oc G 4s               | 70<br>21      |              | KRW on skeleton tower.          | Visible 1.5° each side of range line.   |
| 15705   | - <i>Lighted Buoy 2</i>                                  | 46-42-51.392N<br>092-02-36.610W | Q R                   |               | 4            | Red.                            | Year round lighted buoy .               |
| <b>Barkers Island Marina</b>                  |  |                                 |                       |               |              |                                 |   |
| <i>Buoys maintained from May 1 to Nov. 1.</i> |  |                                 |                       |               |              |                                 |   |
| 15710   | - <i>Lighted Buoy 1</i>                                  | 46-42-50.000N<br>092-02-49.000W | FI G 2s               |               |              | Green.                          | Private aid.                            |
| 15715   | - <i>Lighted Buoy 2</i>                                  | 46-42-50.600N<br>092-02-49.900W | FI R 2s               |               |              | Red.                            | Private aid.                            |
| 15720   | - Buoy 3   | 46-42-48.300N<br>092-02-51.500W |                       |               |              | Green can.                      | Private aid.                            |
| 15725   | - Buoy 4   | 46-42-48.900N<br>092-02-52.400W |                       |               |              | Red nun.                        | Private aid.                            |
| 15730   | - Buoy 5   | 46-42-46.100N<br>092-02-55.700W |                       |               |              | Green can.                      | Private aid.                            |
| 15735   | - Buoy 6   | 46-42-46.400N<br>092-02-56.300W |                       |               |              | Red nun.                        | Private aid.                            |
| 15740   | - Buoy 7   | 46-42-45.100N<br>092-03-00.900W |                       |               |              | Green can.                      | Private aid.                            |
| 15745   | - Buoy 8   | 46-42-46.100N<br>092-03-01.000W |                       |               |              | Red nun.                        | Private aid.                            |
| 15746   | - Buoy 9   | 46-42-45.600N<br>092-03-08.200W |                       |               |              | Green can.                      | Private aid.                            |
| 15747   | - Buoy 10  | 46-42-46.600N<br>092-03-06.600W |                       |               |              | Red nun.                        | Private aid.                            |
| <b>Superior Front Channel</b>                 |  |                                 |                       |               |              |                                 |   |
| 15750   | - Buoy 1   | 46-42-50.164N<br>092-02-45.500W |                       |               |              | Green can.                      |   |
| 15755   | - Buoy 3   | 46-42-58.344N<br>092-02-58.035W |                       |               |              | Green can.                      |   |
| 15760   | - Buoy 4   | 46-43-02.109N<br>092-02-51.820W |                       |               |              | Red nun.                        |   |
| 15765   | - Buoy 5   | 46-43-10.074N<br>092-03-14.495W |                       |               |              | Green can.                      |   |
| 15770   | - <i>Lighted Buoy 6</i>                                  | 46-43-13.933N<br>092-03-08.610W | FI R 4s               |               | 3            | Red.                            | Maintained from Apr. 28 to Dec. 1.      |
| 15775   | - Buoy 7   | 46-43-22.614N<br>092-03-32.485W |                       |               |              | Green can.                      |   |
| 15780   | - Buoy 8   | 46-43-26.654N<br>092-03-26.135W |                       |               |              | Red nun.                        |   |
| 15785   | - Buoy 9   | 46-43-35.214N<br>092-03-50.685W |                       |               |              | Green can.                      |   |
| 15790   | - <i>Lighted Buoy 10</i>                                 | 46-43-39.044N<br>092-03-44.529W | FI R 4s               |               | 3            | Red.                            | Maintained from Apr. 28 to Dec. 1.      |
| 15795   | - Buoy 12  | 46-43-50.618N<br>092-04-01.247W |                       |               |              | Red nun.                        |   |
| 15800   | - Buoy 13  | 46-43-49.784N<br>092-04-11.885W |                       |               |              | Green can.                      |   |
| 15805   | - <i>Lighted Buoy 14</i>                                 | 46-44-03.105N<br>092-04-18.769W | FI R 4s               |               | 3            | Red.                            | Maintained from Apr. 28 to Dec. 01.     |
| 15810   | - Buoy 15  | 46-44-04.234N<br>092-04-32.185W |                       |               |              | Green can.                      |   |
| 15815   | - Buoy 16  | 46-44-15.375N<br>092-04-36.274W |                       |               |              | Red nun.                        |   |
| 15820   | - <i>Lighted Buoy 18</i>                                 | 46-44-30.784N<br>092-04-57.655W | FI R 4s               |               | 3            | Red.                            | Replaced by nun from Dec. 1 to Apr. 28. |

| (1)<br>No.                                     | (2)<br>Name and Location              | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                       | (8)<br>Remarks  |
|--|---------------------------------------|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE SUPERIOR</b>                           |                                       |                                 |                       |               |              |  |   |
| <b>DULUTH - SUPERIOR HARBOR (Chart 14975)</b>  |                                       |                                 |                       |               |              |  |   |
| <b>Superior Front Channel</b>                  |                                       |                                 |                       |               |              |  |   |
| 15825  | - Lighted Buoy 19                     | 46-44-32.035N<br>092-05-11.285W | FI G 4s               |               | 4            | Green.   | Year round lighted buoy .   |
| 15830  | East Gate Basin Buoy 20               | 46-44-37.940N<br>092-05-02.740W |                       |               |              | Red nun.   |   |
| <b>Duluth Harbor</b>                           |                                       |                                 |                       |               |              |  |   |
| 15840  | - Breakwater Isolated Danger Buoy     | 46-47-14.412N<br>092-05-22.603W |                       |               |              | Black and Red Can                                      | Maintained from Apr. 21 to Oct. 14.   |
| 15845  | - <b>South Breakwater Outer Light</b> | 46-46-48.460N<br>092-05-15.020W | F G                   | 44<br>13      | 16           | White tower on fog signal building.<br>44              | HORN: 2 bl ev 60s (3s bl-3s si-3s bl-51s si). Operates from Apr. 1 to Dec 1. Standby light of reduced intensity |
| 15855  | - <b>North Pier Light</b>             | 46-46-51.540N<br>092-05-17.030W | Iso R 6s              | 43<br>13      | 12           | White cylindrical tower with black top and base.<br>43 |   |
| 15860  | - <b>South Breakwater Inner Light</b> | 46-46-43.580N<br>092-05-30.530W | FI W 5s               | 68<br>21      | 16           | Black cylindrical tower with white lantern room.<br>68 | Light obscured from 270° through 325°.  |
| 15865  | - Basin Buoy 1                        | 46-46-34.043N<br>092-05-39.643W |                       |               |              | Green can.   |   |
| 15870  | - <i>Basin Traffic Lighted Buoy</i>   | 46-46-29.573N<br>092-05-59.364W | Mo (A) W              |               | 5            | Red and white stripes.                                 | Maintained from Apr. 21 to Dec. 07.<br>AIS MMSI 993672226   |
| 15875  | - <i>Basin Lighted Buoy 2</i>         | 46-46-22.244N<br>092-06-11.554W | FI R 4s               |               | 4            | Red.   | Year round lighted buoy .   |
| 15880  | - <i>Basin Lighted Buoy 3</i>         | 46-46-24.613N<br>092-05-43.103W | FI G 4s               |               | 4            | Green.   | Year round lighted buoy .   |
| <b>Harbor Cove Marina</b>                      |                                       |                                 |                       |               |              |  |   |
| <i>Lights maintained from May 1 to Nov. 1.</i> |                                       |                                 |                       |               |              |  |   |
| 15885  | - LIGHT 1                             | 46-46-21.000N<br>092-05-36.000W | F G                   |               |              | On post.   | Private aid.  |
| 15890  | - LIGHT 2                             | 46-46-20.000N<br>092-05-34.000W | F R                   |               |              | On post.   | Private aid.  |
| 15895  | - LIGHT 3                             | 46-46-21.000N<br>092-05-35.000W | F G                   |               |              | On post.   | Private aid.  |
| 15900  | - LIGHT 4                             | 46-46-20.000N<br>092-05-35.000W | F R                   |               |              | On post.   | Private aid.  |
| <b>Duluth Harbor</b>                           |                                       |                                 |                       |               |              |  |   |
| 15905  | - <i>Basin Lighted Buoy 5</i>         | 46-46-03.614N<br>092-05-50.594W | FI G 4s               |               | 4            | Green.   | Year round lighted buoy .   |
| 15910  | - Basin Anchorage Buoy A              | 46-46-12.213N<br>092-05-34.614W |                       |               |              | Yellow can.  |   |
| 15915  | - Basin Anchorage Buoy B              | 46-45-59.380N<br>092-05-25.824W |                       |               |              | Yellow can.  |   |
| 15920  | - Basin Anchorage Buoy C              | 46-45-46.604N<br>092-05-17.214W |                       |               |              | Yellow can.  |   |
| 15925  | - <i>Basin Lighted Buoy 7</i>         | 46-45-28.084N<br>092-05-24.694W | FI G 4s               |               | 4            | Green.   | Year round lighted buoy .   |
| 15930  | DULUTH MARINE TERMINAL EAST LIGHT     | 46-45-16.000N<br>092-05-38.000W | F R                   | 28<br>9       |              | On white pile.   | Maintained from Apr. 15 to close of navigation.<br>Private aid.   |
| 15935  | DULUTH MARINE TERMINAL SOUTH LIGHT    | 46-45-12.000N<br>092-05-40.000W | F R                   | 28<br>9       |              | On white pile.   | Maintained from Apr. 15 to close of navigation.<br>Private aid.   |
| 15940  | <i>Rices Point Lighted Buoy 9</i>     | 46-45-13.284N<br>092-05-18.685W | Q G                   |               | 4            | Green.   | Year round lighted buoy .   |

| (1)<br>No.   | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure       | (8)<br>Remarks  |
|--|---|---------------------------------|-----------------------|---------------|--------------|------------------------|---|
| <b>LAKE SUPERIOR</b>                                 |   |                                 |                       |               |              |                        |   |
| <b>DULUTH - SUPERIOR HARBOR (Chart 14975)</b>        |   |                                 |                       |               |              |                        |   |
| <b>Duluth Harbor</b>                                 |   |                                 |                       |               |              |                        |   |
| 15945  | INTERSTATE FISHING PIER<br>EAST LIGHT   | 46-45-00.350N<br>092-05-59.800W | F R                   | 15<br>5       |              | On pile.               | Maintained from Mar. 15 to Jan. 15.<br>Private aid.   |
| 15950  | INTERSTATE FISHING PIER<br>WEST LIGHT   | 46-45-00.150N<br>092-06-01.250W | F R                   | 15<br>5       |              | On pile.               | Maintained from Mar. 15 to Jan. 15.<br>Private aid.   |
| 15955  | East Gate Basin Buoy 11   | 46-44-57.886N<br>092-05-12.866W |                       |               |              | Green can.             |   |
| <b>Rices Point Boatslip</b>                          |   |                                 |                       |               |              |                        |   |
| <i>Aids maintained from Apr. 15 to Nov. 1.</i>       |   |                                 |                       |               |              |                        |   |
| 15960  | - Buoy 1  | 46-45-02.000N<br>092-06-04.000W |                       |               |              | Green can.             | Private aid.  |
| 15965  | - Buoy 2  | 46-45-02.000N<br>092-06-03.000W |                       |               |              | Red nun.               | Private aid.  |
| 15970  | - Buoy 3  | 46-45-03.000N<br>092-06-04.500W |                       |               |              | Green can.             | Private aid.  |
| 15975  | - Buoy 4  | 46-45-03.000N<br>092-06-04.200W |                       |               |              | Red nun.               | Private aid.  |
| 15980  | - Buoy 5  | 46-45-04.000N<br>092-06-02.500W |                       |               |              | Green can.             | Private aid.  |
| 15985  | - Buoy 6  | 46-45-04.000N<br>092-06-02.500W |                       |               |              | Red nun.               | Private aid.  |
| <b>Hearding Island Channel</b>                       |   |                                 |                       |               |              |                        |   |
| 15995  | - Entrance Buoy 1   | 46-45-45.700N<br>092-05-13.800W |                       |               |              | Green can.             | Private aid.  |
| 16000  | - Entrance Buoy 2   | 46-45-44.400N<br>092-05-08.300W |                       |               |              | Red nun.               | Private aid.  |
| 16005  | - Entrance Buoy 4   | 46-45-44.800N<br>092-05-11.100W |                       |               |              | Red nun.               | Private aid.  |
| 16010  | - Entrance Buoy 6   | 46-45-44.500N<br>092-05-12.800W |                       |               |              | Red nun.               | Private aid.  |
| 16015  | ST. LOUIS BAY NORTH<br>CHANNEL RANGE FRONT<br>LIGHT (EASTERN SECTION)   | 46-44-09.150N<br>092-08-40.662W | Q R                   | 42<br>13      |              | KRW on skeleton tower. | Visible 1.5° each side of range line.   |
| 16020  | ST. LOUIS BAY NORTH<br>CHANNEL RANGE REAR<br>LIGHT (EASTERN SECTION)<br>810 feet, 226.4° from front<br>light. | 46-44-03.634N<br>092-08-49.074W | Iso R 6s              | 62<br>19      |              | KRW on skeleton tower. | Visible 1.5° each side of range line. On same structure as St. Louis Bay South Channel Range Rear Light (LLNR 16125). |
| <b>St. Louis Bay North Channel (Western Section)</b> |   |                                 |                       |               |              |                        |   |
| 16023  | - Buoy 1  | 46-44-48.000N<br>092-06-13.400W |                       |               |              | Green can.             |   |
| 16025  | - Buoy 2  | 46-44-39.336N<br>092-07-59.127W |                       |               |              | Red nun.               |   |
| 16030  | - Lighted Buoy 3  | 46-44-35.546N<br>092-07-56.437W | Q G                   |               | 4            | Green.                 | Replaced by can from Dec. 1 to Apr. 21.   |
| 16035  | - Buoy 4  | 46-44-30.168N<br>092-08-12.232W |                       |               |              | Red nun.               |   |
| 16040  | - Buoy 5  | 46-44-26.726N<br>092-08-10.137W |                       |               |              | Green can.             |   |
| 16045  | - Buoy 6  | 46-44-20.653N<br>092-08-26.157W |                       |               |              | Red nun.               |   |
| 16050  | - Buoy 7  | 46-44-18.157N<br>092-08-23.207W |                       |               |              | Green can.             |   |
| 16055  | St Louis Bay Junction Lighted<br>Buoy   | 46-44-14.587N<br>092-08-26.387W | FI (2+1)R 6s          |               | 3            | Red and green bands.   | Replaced by nun from Dec. 1 to Apr. 21.   |
| 16060  | Howards Bay Buoy 2  | 46-44-38.285N<br>092-06-08.526W |                       |               |              | Red nun.               |   |
| <b>St. Louis Bay South Channel (Eastern Section)</b> |   |                                 |                       |               |              |                        |   |
| 16065  | - Buoy 2  | 46-44-54.438N<br>092-06-18.736W |                       |               |              | Red nun.               |   |

| (1)<br>No.   | (2)<br>Name and Location                                 | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                | (8)<br>Remarks   |
|--|--|---------------------------------|-----------------------|---------------|--------------|---------------------------------|--|
| <b>LAKE SUPERIOR</b>                                 |  |                                 |                       |               |              |                                 |  |
| <b>DULUTH - SUPERIOR HARBOR (Chart 14975)</b>        |  |                                 |                       |               |              |                                 |  |
| <b>St. Louis Bay South Channel (Eastern Section)</b> |  |                                 |                       |               |              |                                 |  |
| 16070  | - Lighted Buoy 2A  | 46-44-48.502N<br>092-06-28.632W | FI R 4s               |               | 4            | Red.                            | Replaced by nun f from Dec. 1 to Apr. 21.  |
| 16075  | - Buoy 3   | 46-44-41.333N<br>092-06-32.517W |                       |               |              | Green can.                      |  |
| 16080  | - Buoy 4   | 46-44-44.686N<br>092-06-46.886W |                       |               |              | Red nun.                        |  |
| 16085  | - Buoy 5   | 46-44-32.250N<br>092-07-02.964W |                       |               |              | Green can.                      |  |
| <b>St. Louis Bay Cross Channel</b>                   |  |                                 |                       |               |              |                                 |  |
| 16090  | - Lighted Buoy 2   | 46-44-40.563N<br>092-07-05.971W | Q R                   |               | 4            | Red.                            | Replaced by nun f from Dec. 1 to Apr. 21.  |
| 16095  | - Lighted Buoy 1   | 46-44-34.912N<br>092-07-38.641W | FI G 4s               |               | 4            | Green.                          | Replaced by can f from Dec. 1 to Apr. 21.  |
| 16105  | - Lighted Buoy 6   | 46-44-44.986N<br>092-07-23.686W | FI R 4s               |               | 4            | Red.                            | Replaced by nun f from Dec. 1 to Apr. 21.  |
| 16115  | - Buoy 8   | 46-44-48.796N<br>092-07-28.306W |                       |               |              | Red nun.                        |  |
| <b>St. Louis Bay South Channel (Western Section)</b> |  |                                 |                       |               |              |                                 |  |
| 16120  | - RANGE FRONT LIGHT                                      | 46-44-06.103N<br>092-08-40.705W | Q R                   | 42<br>13      |              | KRW on skeleton tower.          | Visible all around.  |
| 16125  | - RANGE REAR LIGHT<br>639 feet, 246.6° from front light. | 46-44-03.607N<br>092-08-49.046W | Iso R 6s              | 62<br>19      |              | KRW on skeleton tower.          | Visible 1.5° each side of range line. On the same structure as St. Louis Bay North Range Rear Light (LLNR 16020) |
| 16130  | - Buoy 6   | 46-44-28.536N<br>092-07-30.545W |                       |               |              | Red nun.                        |  |
| 16135  | - Buoy 7   | 46-44-25.346N<br>092-07-29.977W |                       |               |              | Green can.                      |  |
| 16140  | - Buoy 8   | 46-44-24.634N<br>092-07-44.302W |                       |               |              | Red nun.                        |  |
| 16145  | - Lighted Buoy 9   | 46-44-21.056N<br>092-07-44.477W | FI G 4s               |               | 4            | Green.                          | Maintained f from Apr. 21 to Dec. 1.   |
| 16150  | - Buoy 10  | 46-44-19.776N<br>092-08-02.567W |                       |               |              | Red nun.                        |  |
| 16155  | - Buoy 11  | 46-44-14.956N<br>092-08-04.967W |                       |               |              | Green can.                      |  |
| 16160  | - Buoy 12  | 46-44-14.757N<br>092-08-20.027W |                       |               |              | Red nun.                        |  |
| 16165  | - Lighted Buoy 13  | 46-44-07.217N<br>092-08-25.317W | Q G                   |               | 3            | Green.                          | Maintained f from Apr. 21 to Dec. 1.   |
| <b>St. Louis River Upper Channel</b>                 |  |                                 |                       |               |              |                                 |  |
| 16175  | - Entrance Buoy 1  | 46-44-00.507N<br>092-08-31.318W |                       |               |              | Green can.                      |  |
| 16180  | - Lighted Buoy 4   | 46-43-21.884N<br>092-08-39.789W | Q R                   |               | 4            | Red.                            | Replaced by nun f from Dec. 1 to Apr. 21.  |
| 16185  | - Buoy 5   | 46-43-24.407N<br>092-08-30.332W |                       |               |              | Green can.                      |  |
| 16190  | - Buoy 5A  | 46-43-17.297N<br>092-08-31.868W |                       |               |              | Green can.                      |  |
| <b>Minnesota Channel (Eastern Section)</b>           |  |                                 |                       |               |              |                                 |  |
| 16195  | - RANGE FRONT LIGHT                                      | 46-43-12.099N<br>092-08-36.782W | FI G 4s               | 14<br>4       |              | KRW on triangular tower.        | Visible all around.  |
| 16200  | - RANGE REAR LIGHT<br>996 feet, 083.8° from front light. | 46-43-13.179N<br>092-08-22.537W | F G                   | 37<br>11      |              | KRW on white cylindrical tower. | Visible 1.5° each side of range line.  |

| (1)<br>No.                                       | (2)<br>Name and Location | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks                             |
|--|--------------------------|---------------------------------|-----------------------|---------------|--------------|------------------|--|
| <b>LAKE SUPERIOR</b>                             |                          |                                 |                       |               |              |                  |  |
| <b>DULUTH - SUPERIOR HARBOR (Chart 14975)</b>    |                          |                                 |                       |               |              |                  |  |
| <b>St. Louis River Upper Channel</b>             |                          |                                 |                       |               |              |                  |  |
| <b>Minnesota Channel (Eastern Section)</b>       |                          |                                 |                       |               |              |                  |  |
| 16205  | - Lighted Buoy 6         | 46-43-12.587N<br>092-08-50.688W | FI R 2.5s             |               | 3            | Red.             | Replaced by nun f from Dec. 1 to Apr. 28.  |
| 16210  | - Lighted Buoy 7         | 46-43-08.853N<br>092-08-49.521W | Q G                   |               | 4            | Green.           | Replaced by can Dec. 1 f from to Apr. 28.  |
| 16215  | - Buoy 8                 | 46-43-11.205N<br>092-09-04.549W |                       |               |              | Red nun.         |  |
| 16220  | - Lighted Buoy 9         | 46-43-04.887N<br>092-09-10.229W | FI G 4s               |               | 4            | Green.           | Replaced by can f from Dec. 01 to Apr. 28. |
| 16225  | - Lighted Buoy 10        | 46-43-10.146N<br>092-09-17.310W | FI R 4s               |               | 3            | Red.             | Replaced by nun f from Dec. 01 to Apr. 28. |
| 16230  | - Buoy 13                | 46-43-02.997N<br>092-09-35.379W |                       |               |              | Green can.       |  |
| 16235  | - Lighted Buoy 14        | 46-43-05.825N<br>092-09-40.876W | FI R 4s               |               | 4            | Red.             | Maintained f from Apr. 28 to Dec. 1.       |
| 16240  | - Lighted Buoy 15        | 46-43-01.208N<br>092-09-58.979W | FI G 4s               |               | 4            | Green.           | Maintained f from Apr. 28 to Dec. 1.       |
| 16245  | - Buoy 16                | 46-43-06.888N<br>092-10-04.099W |                       |               |              | Red nun.         |  |
| 16250  | - Lighted Buoy 19        | 46-43-03.345N<br>092-10-13.811W | FI G 2.5s             |               | 4            | Green.           | Maintained f from Apr. 28 to Dec. 1.       |
| <b>Minnesota Channel (Western Section)</b>       |                          |                                 |                       |               |              |                  |  |
| <i>Buoys maintained from Apr. 28 to Oct. 21.</i> |                          |                                 |                       |               |              |                  |  |
| 16255  | - Buoy 20                | 46-43-06.000N<br>092-10-15.000W |                       |               |              | Red Nun.         |  |
| 16260  | - Buoy 21                | 46-43-00.420N<br>092-10-53.400W |                       |               |              | Green can.       |  |
| 16265  | - Lighted Buoy 22        | 46-43-02.400N<br>092-10-53.460W | FI R 4s               |               | 3            | Red.             |  |
| 16270  | - Buoy 23                | 46-42-52.910N<br>092-11-20.079W |                       |               |              | Green can.       |  |
| 16275  | - Buoy 24                | 46-42-53.880N<br>092-11-21.300W |                       |               |              | Red nun.         |  |
| 16280  | - Lighted Buoy 26        | 46-42-43.800N<br>092-11-39.540W | FI R 4s               |               | 3            | Red.             |  |
| 16285  | - Buoy 27                | 46-42-43.320N<br>092-11-37.080W |                       |               |              | Green can.       |  |
| 16290  | - Buoy 28                | 46-42-35.100N<br>092-11-49.440W |                       |               |              | Red nun.         |  |
| 16295  | - Buoy 29                | 46-42-33.420N<br>092-11-46.980W |                       |               |              | Green can.       |  |
| 16297  | - Lighted Buoy 30        | 46-42-17.719N<br>092-12-01.230W | FI R 4s               |               | 4            | Red nun.         |  |
| 16300  | - Buoy 31                | 46-42-15.000N<br>092-11-58.620W |                       |               |              | Green can.       |  |
| 16305  | - Buoy 32                | 46-42-00.120N<br>092-12-03.540W |                       |               |              | Red nun.         |  |
| 16308  | - Buoy 33                | 46-41-51.489N<br>092-11-56.923W |                       |               |              | Green can.       |  |
| 16310  | - Buoy 31A               | 46-41-59.460N<br>092-11-59.880W |                       |               |              | Green can.       |  |
| 16315  | - Buoy 34                | 46-41-50.760N<br>092-12-00.240W |                       |               |              | Red nun.         |  |
| 16320  | - Buoy 35                | 46-41-46.200N<br>092-11-48.360W |                       |               |              | Green can.       |  |
| 16322  | - Buoy 36                | 46-41-45.300N<br>092-11-48.540W |                       |               |              | Red nun.         |  |

| (1)<br>No.  | (2)<br>Name and Location                                     | (3)<br>Position                 | (4)<br>Characteristic                                  | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|---|--|---------------------------------|--|---------------|--------------|---|--|
| <b>LAKE SUPERIOR</b>                                  |  |                                 |  |               |              |   |  |
| <b>DULUTH - SUPERIOR HARBOR (Chart 14975)</b>         |  |                                 |  |               |              |   |  |
| <b>St. Louis River Upper Channel</b>                  |  |                                 |  |               |              |   |  |
| <b>Minnesota Channel (Western Section)</b>            |  |                                 |  |               |              |   |  |
| <i>Buoys maintained from Apr. 28 to Oct. 21.</i>      |  |                                 |  |               |              |   |  |
| 16323   | St. Louis River Danger Buoy                                  | 46-41-43.981N<br>092-11-33.456W |  |               |              | White can with orange bands and diamonds.                 |  |
| <b>St. Louis River</b>                                |  |                                 |  |               |              |   |  |
| <i>Buoys maintained from Apr. 28 to Oct. 21.</i>      |  |                                 |  |               |              |   |  |
| 16491   | Mcquade Road Small Craft Harbor Day beacon                   | 46-52-49.269N<br>091-55-12.904W |  |               |              | On single pole.   | Maintained from Apr. 1 to Dec. 31.<br>Private aid.   |
| 16492   | MCQUADE ROAD SMALL CRAFT HARBOR LIGHT                        | 46-52-48.022N<br>091-55-11.412W | FI G 4s  |               |              |   | Maintained from Apr. 1 to Dec. 31.<br>Private aid.   |
| <b>LITTLE GIRLS POINT TO SILVER BAY (Chart 14966)</b> |  |                                 |  |               |              |   |  |
| 16494   | UMinn Research Bouy  | 46-51-54.000N<br>091-55-36.000W | FI Y 4s  |               |              |   | Private aid.   |
| 16494.5   | UMinn Research 2   | 46-48-42.000N<br>091-50-06.000W | FI Y 2s  |               |              |   | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| <b>Knife River Harbor</b>                             |  |                                 |  |               |              |   |  |
| 16495   | - ENTRANCE LIGHT   | 46-56-38.000N<br>091-46-42.000W | FI G 4s  | 31<br>9       | 5            | SG on pile.   |  |
| <b>Two Harbors</b>                                    |  |                                 |  |               |              |   |  |
| 16500   | - Light  | 47-00-50.330N<br>091-39-48.520W | FI (2)W 20s<br>0.15s fl 4.8s ec.<br>0.15s fl 14.8s ec. | 78<br>24      |              | Square tower on dwelling.<br>78                           | Light obscured from 065° to 210°.<br>Private aid.  |
| 16505   | - East Breakwater Light                                      | 47-00-38.190N<br>091-40-10.100W | FI R 6s  | 32<br>10      | 9            | Square pyramidal skeleton tower with upper part enclosed. | Standby light shows FI R 5s of reduced intensity.<br>HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates by keying microphone five times on VHF-FM Channel 83A. |
| 16515   | - WEST BREAKWATER LIGHT                                      | 47-00-42.430N<br>091-40-29.430W | FI G 4s  | 26<br>8       | 4            | SG on post.   |  |
| 16520   | DULUTH MISSABE & IRON RANGE RAILWAY CO. ORE DOCK NO. 6 LIGHT | 47-00-55.000N<br>091-40-30.000W | F R  |               |              | On pile.  | Private aid.   |
| 16525   | Agate Bay Buoy 2   | 47-00-46.831N<br>091-40-00.967W |  |               |              | Red nun.  |  |
| 16530   | Agate Bay Buoy 4   | 47-00-53.821N<br>091-39-58.766W |  |               |              | Red nun.  |  |
| 16535   | Agate Bay Buoy 6   | 47-00-57.771N<br>091-40-12.556W |  |               |              | Red nun.  |  |
| 16536   | TWIN POINTS PROTECTED ACCESS LIGHT                           | 47-09-54.65 N<br>091-25-30.250W | F R  |               |              | On galvanized pipe.                                       | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| <b>BEAVER BAY TO PIGEON POINT (Chart 14967)</b>       |  |                                 |  |               |              |   |  |
| 16540   | NOAA Lighted Weather Buoy 45006                              | 47-20-05.636N<br>089-47-34.224W | FI (4)Y 20s  |               |              | Yellow disc-shaped hull with tripod mast.                 | Maintained from Apr. 1 to Nov. 1.<br>Aid maintained by National Oceanic and Atmospheric Administration.  |
| 16545   | PELLET ISLAND LIGHT  | 47-16-10.500N<br>091-16-03.000W | FI G 10s   | 25<br>8       |              |   | Maintained from Apr. 15 to Dec. 1.<br>Private aid.   |
| <b>Silver Bay</b>                                     |  |                                 |  |               |              |   |  |
| <i>Aids maintained from Apr. 15 to Dec. 1.</i>        |  |                                 |  |               |              |   |  |
| 16550   | - Lighted Buoy 1   | 47-16-22.500N<br>091-15-55.000W | FI G 4s  |               |              | Green.  | Private aid.   |



| (1)<br>No.                                      | (2)<br>Name and Location                                 | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE SUPERIOR</b>                            |  |                                 |                       |               |              |   |   |
| <b>BEAVER BAY TO PIGEON POINT (Chart 14967)</b> |  |                                 |                       |               |              |   |   |
| <b>Silver Bay</b>                               |  |                                 |                       |               |              |   |   |
| <i>Aids maintained from Apr. 15 to Dec. 1.</i>  |  |                                 |                       |               |              |   |   |
| 16555   | - Lighted Buoy 2   | 47-16-39.300N<br>091-15-41.000W | FI R 4s               |               |              | Red.  | Private aid.  |
| 16560   | - Lighted Buoy 3   | 47-16-29.200N<br>091-16-10.100W | FI G 4s               |               |              | Green.  | Private aid.  |
| 16565   | - Buoy 4   | 47-17-45.000N<br>091-15-47.500W |                       |               |              | Red nun.  | Private aid.  |
| 16570   | BEAVER ISLAND LIGHT                                      | 47-16-48.300N<br>091-15-29.000W | FI R 10s              | 20<br>6       |              | Tower.  | HORN: 1 blast ev 30s (3s bl).<br>Private aid.   |
| 16575   | - LEADING LIGHT  | 47-16-45.000N<br>091-15-58.400W | FI G 4s               | 20<br>6       |              | On black post.  | Private aid.  |
| 16580   | - LIGHT  | 47-17-11.300N<br>091-15-37.500W | FI W 30s              | 126<br>38     |              | On top of boiler house.   | Private aid.  |
| <b>Taconite Harbor</b>                          |  |                                 |                       |               |              |   |   |
| <i>Buoys maintained from Apr. 1 to Dec. 31.</i> |  |                                 |                       |               |              |   |   |
| 16585   | - West Entrance Lighted Buoy 1                           | 47-31-11.800N<br>090-55-27.500W | FI G 4s               |               |              | Green.  | Private aid.  |
| 16590   | - West Entrance Lighted Buoy 2                           | 47-31-08.700N<br>090-55-21.300W | FI R 4s               |               |              | Red.  | Private aid.  |
| 16595   | - RANGE FRONT LIGHT                                      | 47-31-32.600N<br>090-55-06.900W | F G                   | 86<br>26      |              | On tower.   | Visible 2° each side of centerline of channel.<br>Private aid.  |
| 16600   | - RANGE REAR LIGHT<br>1,550 feet, 028° from front light. | 47-31-47.300N<br>090-54-55.000W | F G                   | 154<br>47     |              | On tower.   | Visible 2° each side of centerline of channel.<br>Private aid.  |
| 16604   | - HARBOR OF REFUGE<br>SOUTH BREAKWATER LIGHT             | 47-31-17.099N<br>090-55-27.980W | Iso W 4s              | 22<br>7       |              | NW on tower worded CAUTION.                                     | Ra ref.<br>Private aid.   |
| 16605   | - HARBOR OF REFUGE<br>BREAKWATER LIGHT 3                 | 47-31-15.900N<br>090-55-24.710W | FI G 4s               | 22<br>7       |              | SG on tower.  | Ra ref.<br>Private aid.   |
| 16606   | - HARBOR OF REFUGE<br>INNER LIGHT                        | 47-31-17.030N<br>090-55-24.950W | Q R                   | 17<br>5       |              | TR on tower.  | Visible from 284° to 336°.<br>Private aid.  |
| 16610   | - WEST ENTRANCE LIGHT 4                                  | 47-31-13.000N<br>090-55-16.000W | FI R 4s               | 24<br>7       |              | On tower.   | Private aid.  |
| 16612   | <i>University Of Minnesota Research Lighted Buoy</i>     | 46-51-36.000N<br>091-55-18.000W | FI Y 4s               |               |              | Meteorological Surface Buoy.                                    | Private aid.  |
| <b>Grand Marais</b>                             |  |                                 |                       |               |              |   |   |
| 16615   | - Light  | 47-44-42.790N<br>090-20-16.376W | FI W 2.5s             | 48<br>15      | 12           | White square pyramidal skeleton tower with upper part enclosed. | Light Obscured from 170° to 190°.<br>HORN: 2 blast ev 30s (2s bl-2s si-2s bl-24s si). Operates by keying the microphone five times on VHF-FM channel 83A. |
| 16625   | - WEST BREAKWATER LIGHT 1                                | 47-44-36.000N<br>090-20-24.000W | FI G 4s               | 32<br>10      | 5            | White cylindrical tower with green band.                        |   |
| 16630   | - HARBOR INNER BREAKWATER LIGHT 7                        | 47-44-51.800N<br>090-20-23.500W | FI G 2.5s             | 14<br>4       | 4            | SG on triangular tower.   |   |
| <b>BEAVER BAY TO PIGEON POINT (Chart 14967)</b> |  |                                 |                       |               |              |   |   |
| 16635   | GRAND PORTAGE BAY ENTRANCE LIGHT                         | 47-57-11.740N<br>089-38-21.350W | FI W 4s               | 39<br>12      | 7            | NR on skeleton tower.   |   |
| 16645   | GRAND PORTAGE PIER LIGHT                                 | 47-57-37.000N<br>081-40-54.000W | FI W 2.5s             | 12<br>4       |              | On pile.  | Maintained from Apr. 1 to Nov. 1.<br>Private aid.   |
| 16650   | <i>Hat Point Lighted Bell Buoy 1</i>                     | 47-57-00.835N<br>089-38-40.350W | FI G 4s               |               | 4            | Green.  | Maintained from May 28 to Oct. 14.  |
| <b>ISLE ROYALE (Chart 14976)</b>                |  |                                 |                       |               |              |   |   |
| <b>Isle Royale</b>                              |  |                                 |                       |               |              |   |   |
| 16655   | <b>Rock Of Ages Light</b>                                | 47-51-59.456N<br>089-18-52.922W | FI W 10s              | 130<br>40     | 12           | White conical tower on cylindrical base.                        |   |
| 16660   | - West End Buoy 2  | 47-51-00.748N<br>089-19-26.366W |                       |               |              | Red nun.  |   |

| (1)<br>No.                                      | (2)<br>Name and Location                         | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                              | (8)<br>Remarks                                      |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE SUPERIOR</b>                            |  |                                 |                       |               |              |   |   |
| <b>ISLE ROYALE (Chart 14976)</b>                |  |                                 |                       |               |              |   |   |
| <b>Isle Royale</b>                              |  |                                 |                       |               |              |   |   |
| 16670   | Thompson Island Wreck Buoy                       | 47-53-36.000N<br>089-13-18.000W |                       |               |              | White with orange bands worded WRECK.         | Maintained from Jun. 15 to Sep. 30.<br>Private aid. |
| 16675   | WINDIGO DOCK LIGHT                               | 47-54-47.000N<br>089-09-30.000W | Q R                   | 11<br>3       |              | On post.                                      | Maintained from Jun. 15 to Sep. 30.<br>Private aid. |
| 16680   | Cumberland Point Buoy 2                          | 47-51-07.946N<br>089-14-36.981W |                       |               |              | Red nun.                                      | Maintained from May 28 to Oct. 14.                  |
| <b>Siskiwit Bay Passage</b>                     |  |                                 |                       |               |              |   |   |
| 16685   | - Lighted Bell Buoy SB                           | 47-53-46.800N<br>088-53-06.650W | Mo (A) W              |               | 5            | Red and white stripes.                        | Maintained from May 28 to Oct. 14.                  |
| 16690   | - Buoy 1   | 47-53-54.633N<br>088-53-13.704W |                       |               |              | Green can.                                    |   |
| 16695   | - Buoy 2   | 47-53-55.190N<br>088-53-08.474W |                       |               |              | Red nun.                                      |   |
| 16700   | - Buoy 3   | 47-54-03.807N<br>088-53-17.120W |                       |               |              | Green can.                                    |   |
| <b>ISLE ROYAL (Chart 14967)</b>                 |  |                                 |                       |               |              |   |   |
| 16705   | Harlem Reef Buoy 2                               | 47-54-00.920N<br>088-50-12.540W |                       |               |              | Red nun.                                      | Maintained from May 28 to Oct. 14.                  |
| <b>ISLE ROYALE (Chart 14976)</b>                |  |                                 |                       |               |              |   |   |
| 16710   | ISLE ROYALE LIGHT                                | 47-56-52.650N<br>088-45-40.340W | Fl W 6s               | 72<br>22      | 9            | White octagonal tower with dwelling attached. |   |
| <b>Malone Bay</b>                               |  |                                 |                       |               |              |   |   |
| <i>Buoys maintained from May 28 to Oct. 14.</i> |  |                                 |                       |               |              |   |   |
| 16715   | - Entrance Buoy 2                                | 47-58-22.810N<br>088-47-34.900W |                       |               |              | Red nun.                                      |   |
| 16720   | - Entrance Buoy 3                                | 47-58-24.380N<br>088-47-50.168W |                       |               |              | Green can.                                    |   |
| 16725   | - Buoy 4   | 47-58-43.724N<br>088-48-16.670W |                       |               |              | Red nun.                                      |   |
| 16730   | - Buoy 5   | 47-58-39.970N<br>088-48-17.240W |                       |               |              | Green can.                                    |   |
| 16745   | Chippewa Harbor Day beacon                       | 48-01-45.600N<br>088-38-12.000W |                       |               |              | NW on post.                                   | Private aid.  |
| <b>Rock Harbor</b>                              |  |                                 |                       |               |              |   |   |
| 16750   | Barge Cove Buoy A                                | 48-06-50.000N<br>088-32-07.000W |                       |               |              | White with orange bands; can.                 | Maintained from Jun. 15 to Sep. 15.<br>Private aid. |
| 16755   | Barge Cove Buoy B                                | 48-06-49.000N<br>088-32-08.000W |                       |               |              | White with orange bands; can.                 | Maintained from Jun. 15 to Sep. 15.<br>Private aid. |
| 16757   | Dollar Bay Entrance Buoy 2                       | 48-06-18.000N<br>088-22-10.000W |                       |               |              | Red nun.                                      | Maintained from Jun. 15 to Sep. 15.<br>Private aid. |
| 16760   | MOTT ISLAND DOCK LIGHT                           | 48-06-28.000N<br>088-32-59.000W | Q R                   | 10<br>3       |              | On post.                                      | Maintained from Jun. 15 to Sep. 30.<br>Private aid. |
| 16765   | SNUG HARBOR DOCK LIGHT                           | 48-08-46.000N<br>088-29-12.000W | Q R                   | 12<br>4       |              | On post.                                      | Maintained from Jun. 15 to Sep. 30.<br>Private aid. |
| 16766   | Windigo Water Intake Buoy                        | 47-54-38.000N<br>089-09-35.000W |                       |               |              | White with orange bands; can.                 | Maintained from Jun. 15 to Sep. 15.<br>Private aid. |
| 16770   | <i>Middle Island Passage Lighted Bell Buoy 2</i> | 48-05-20.777N<br>088-34-22.493W | Fl R 4s               |               | 4            | Red.  | Replaced by nun from Oct 14 to May 28.              |
| 16775   | Middle Island Passage Buoy 1                     | 48-05-30.227N<br>088-34-25.650W |                       |               |              | Green can.                                    |   |

| (1)<br>No.   | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic                                | (5)<br>Height | (6)<br>Range | (7)<br>Structure                          | (8)<br>Remarks  |
|--|--|---------------------------------|--|---------------|--------------|---|---|
| <b>LAKE SUPERIOR</b>                                     |  |                                 |  |               |              |   |   |
| <b>ISLE ROYALE (Chart 14976)</b>                         |  |                                 |  |               |              |   |   |
| <b>Malone Bay</b>  |  |                                 |  |               |              |   |   |
| <b>Rock Harbor</b>                                       |  |                                 |  |               |              |   |   |
| 16780  | Middle Island Passage Buoy 3                                     | 48-05-33.038N<br>088-34-30.103W |  |               |              | Green can.                                |   |
| 16785  | Saginaw Point Day beacon   | 48-03-36.000N<br>088-34-40.000W |  |               |              | NW on post.                               | Private aid.  |
| 16790  | Mott Island Shoal East Buoy                                      | 48-06-22.000N<br>088-33-06.000W |  |               |              | White with orange bands; can.             | Maintained from Jun. 15 to Sep. 15.<br>Private aid.   |
| 16795  | Mott Island Shoal West Buoy<br>Marks rock ledge.                 | 48-06-21.000N<br>088-33-10.000W |  |               |              | White with orange bands; can.             | Maintained from Jun. 15 to Sep. 15.<br>Private aid.   |
| 16800  | Daisy Farm East Buoy<br>Marks reef.                              | 48-05-31.000N<br>088-35-39.000W |  |               |              | White with orange bands; can.             | Maintained from Jun. 15 to Sep. 15.<br>Private aid.   |
| 16805  | Daisy Farm West Buoy   | 48-05-30.000N<br>088-35-37.000W |  |               |              | White with orange bands; can.             | Maintained from Jun. 15 to Sep. 15.<br>Private aid.   |
| 16810  | Mccargoe Cove Entrance Buoy 1                                    | 48-06-52.000N<br>088-41-11.000W |  |               |              | Green can.                                | Maintained from Jun. 15 to Sep. 30.<br>Private aid.   |
| 16815  | Mccargoe Cove Entrance Buoy 2                                    | 48-06-49.000N<br>088-41-06.000W |  |               |              | Red nun.                                  | Maintained from Jun. 15 to Sep. 30.<br>Private aid.   |
| 16820  | <b>Blake Point Light</b>   | 48-11-28.348N<br>088-25-20.541W | FI W 2.5s  | 40            | 12           | NR on skeleton tower.                     |   |
| 16825  | Blake Point Five-Foot Shoal Buoy D<br>Marks south side of shoal. | 48-11-16.736N<br>088-24-09.904W |  | 12            |              | Black, red and black bands; can.          | Maintained from May 28 to Oct. 14.  |
| 16830  | Locke Point Buoy 2   | 48-11-17.006N<br>088-27-10.716W |  |               |              | Red nun.                                  | Maintained from May 28 to Oct. 14.  |
| <b>GRAND PORTAGE BAY TO SHESHEEB POINT (Chart 14968)</b> |  |                                 |  |               |              |   |   |
| 16835  | <b>Passage Island Light</b>                                      | 48-13-25.321N<br>088-21-56.073W | FI W 5s  | 78            | 12           | Octagonal tower.                          | RACON: G ( - - . )<br>HORN: 1 blast ev 30s (3s bl).<br>Operates by keying the microphone five times on VHF-FM channel 83A.    |
| 16845  | <b>Caribou Island Light (C)</b>                                  | 47-20-24.000N<br>085-49-30.000W | FI W 15s<br>1s fl 14s ec.                            | 99            | 20           | Hexagonal structure.                      | RACON: C ( - . - . )<br>Emergency light. Seasonal.  |
| 16850  | <i>NOAA Lighted Weather Buoy 45004</i>                           | 47-35-06.979N<br>086-35-07.832W | FI (4)Y 20s  |               |              | Yellow disc-shaped hull with tripod mast. | Maintained from Apr. 1 to Nov. 1.<br>Aid maintained by National Oceanic and Atmospheric Administration.                       |
| 16855  | <b>Michipicoten Harbor Light (C)</b>                             | 47-56-36.000N<br>084-54-24.000W | FI W 30s   | 88            | 18           | Skeleton tower.                           | Seasonal. HORN: 2 blasts ev 60s (3s bl). Horn points 210°. Operates by keying mike 5 times on VHF-FM Ch. 19. Emergency light. |
| 16865  | <b>Slate Islands Light (C)</b>                                   | 48-37-18.000N<br>086-59-48.000W | Oc W 10s<br>fl 5s ec.                                | 224           | 23           | White tower.                              | Emergency light.  |
| 16870  | <b>Battle Island Light (C)</b>                                   | 48-45-06.000N<br>087-33-24.000W | FI (3) W 24s<br>fl 4s ec.<br>fl 4s ec.<br>fl 16s ec. | 118           | 15           | Tower.                                    | Emergency light.  |

| (1)<br>No.   | (2)<br>Name and Location           | (3)<br>Position                 | (4)<br>Characteristic    | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks  |
|--|------------------------------------|---------------------------------|--------------------------|---------------|--------------|--|---|
| <b>LAKE SUPERIOR</b>   |                                    |                                 |                          |               |              |  |   |
| <b>GRAND PORTAGE BAY TO SHESHEEB POINT (Chart 14968)</b>         |                                    |                                 |                          |               |              |  |   |
| 16880  | NOAA Lighted Weather Buoy<br>45001 | 48-03-41.534N<br>087-47-30.447W | Fl (4)Y 20s              |               | 4            | Yellow disc-shaped<br>hull with tripod<br>mast.                    | Maintained from Apr. 1 to Nov.<br>1.<br>Aid maintained by National<br>Oceanic and Atmospheric<br>Administration.  |
| 16883  | NOAA Lighted Weather Buoy<br>45T01 | 48-02-10.000N<br>087-44-30.000W | Fl (4)Y 20s              |               | 4            | Yellow disc-shaped<br>hull with tripod<br>mast.                    | Maintained from Apr. 1 to Nov.<br>1.<br>Aid maintained by National<br>Oceanic and Atmospheric<br>Administration.  |
| 16885  | <b>Point Parphyry Light (C)</b>    | 48-20-25.000N<br>088-38-53.000W | Fl W 10s<br>1s fl 9s ec. | 82<br>25      | 17           | White slatted<br>day mark on tower.                                | Fixed white between flashes.<br>Emergency light.  |
| 16890  | <b>Trowbridge Island Light (C)</b> | 48-17-32.000N<br>088-52-30.000W | Fl W 5s                  | 114<br>35     | 18           | White octagonal<br>tower.  | Emergency light.  |
| 16895  | <b>Angus Island Light (C)</b>      | 48-14-12.000N<br>089-00-24.000W | Fl W 20s                 | 81<br>25      | 18           | Skeleton tower on<br>four concrete<br>piers.                       | Emergency light.  |
| <b>Thunder Bay</b>   |                                    |                                 |                          |               |              |  |   |
| 16905  | THUNDER CAPE LIGHT (C)             | 48-18-06.000N<br>088-56-18.000W | Fl W 4s                  | 35<br>11      | 6            | Red and white<br>rectangular<br>day mark on tower.                 |   |
| 16910  | JARVIS ROCK LIGHT (C)              | 48-06-12.000N<br>089-17-36.000W | Fl W 4s                  | 40<br>12      | 6            | Red and white<br>rectangular<br>day mark on mast.                  |   |
| 16915  | <b>- (Main) Light (C)</b>          | 48-26-00.000N<br>089-11-42.000W | Fl R 5s                  | 49<br>15      | 14           | White square<br>tower.   | Floodlighted.<br>HORN: 3 blasts ev 60s (2s bl-<br>3s si-2s bl-3s si-2s bl-48s si).<br>Operates by keying the<br>microphone five times on VHF-<br>FM Ch. 79.<br>Emergency light. |
| <b>MINNESOTA-ONTARIO BORDER LAKES</b>                            |                                    |                                 |                          |               |              |  |   |
| <b>BIG TRAVERSE BAY (CHART 6211) (C)</b>                         |                                    |                                 |                          |               |              |  |   |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i> |                                    |                                 |                          |               |              |  |   |
| 16925  | PENASSE ISLAND LIGHT (C)           | 49-22-18.000N<br>094-57-30.000W | Fl W 4s                  |               | 37<br>11     | 6<br>Red and white<br>rectangular<br>day mark on<br>circular mast. | Visible from 181° to 076°.  |
| 16930  | <i>Pine Creek Lighted Buoy 2</i>   | 49-21-08.800N<br>095-03-33.700W | Fl R 4s                  |               |              | 3<br>Red.  |   |
| 16932  | Pine Creek Buoy 3                  | 49-20-55.900N<br>095-03-31.900W |                          |               |              | Green can.   |   |
| 16935  | Pine Creek Buoy 4                  | 49-20-51.000N<br>095-03-35.100W |                          |               |              | Red nun.   |   |
| 16940  | <i>Crow Creek Lighted Buoy 1</i>   | 49-21-18.900N<br>095-04-19.800W | Fl G 4s                  |               |              | 4<br>Green.  |   |
| 16945  | Crow Creek Buoy 2                  | 49-21-13.000N<br>095-04-29.700W |                          |               |              | Red nun.   |   |
| 16947  | <i>Youngs Bay Lighted Buoy 1</i>   | 49-20-46.900N<br>094-57-51.600W | Fl G 6s                  |               |              | 4<br>Green.  |   |
| 16950  | Brush Island Buoy 2                | 49-20-32.700N<br>094-55-46.200W |                          |               |              | Red nun.   |   |
| 16953  | Flag Island Buoy 1                 | 49-20-12.438N<br>094-52-53.022W |                          |               |              | Green can  |   |
| 16955  | Flag Island Buoy 2                 | 49-20-10.032N<br>094-52-54.618W |                          |               |              | Red nun.   |   |
| 16960  | Flag Island Buoy 3                 | 49-20-10.290N<br>094-52-48.648W |                          |               |              | Green can.   |   |
| 16963  | DRIFTWOOD POINT LIGHT              | 49-12-46.000N<br>094-56-45.000W | Fl W 6s                  | 35<br>11      | 3            | NR on skeleton<br>tower.   |   |

| (1)<br>No.   | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|--|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>MINNESOTA-ONTARIO BORDER LAKES</b>                            |  |                                 |                       |               |              |   |   |
| <b>BIG TRAVERSE BAY (CHART 6211) (C)</b>                         |  |                                 |                       |               |              |   |   |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i> |  |                                 |                       |               |              |   |   |
| 16965  | Flag Island Lighted Buoy 4                                       | 49-20-09.036N<br>094-52-50.736W | FI R 4s               |               | 3            | Red.  | Permanent buoy. Light maintained from May 7 to Oct. 14. |
| 16966  | Flag Island Danger Buoy E  | 49-20-04.104N<br>094-52-48.966W |                       |               |              | White / Orange can  |   |
| 16967  | Flag Island Danger Buoy W  | 49-20-07.932N<br>094-53-01.194W |                       |               |              | White / Orange can  |   |
| 16968  | Flag Island Buoy 5   | 49-20-06.120N<br>094-52-44.622W |                       |               |              | Green can   |   |
| 16969  | Flag Island Buoy 6   | 49-20-05.778N<br>094-52-47.298W |                       |               |              | Red nun   |   |
| 16970  | BOUCHA ISLAND LIGHT (C)  | 49-17-42.000N<br>094-49-12.000W | FI W 4s               | 38<br>12      | 6            | Green and white banded day mark on mast.                                |   |
| 16975  | OAK ISLAND LIGHT 1   | 49-18-08.880N<br>094-53-07.400W | FI G 4s               | 39<br>12      | 3            | SG on skeleton tower.   |   |
| 16976  | Oak Island Buoy 4  | 49-18-17.100N<br>094-49-23.760W |                       |               |              | Red nun.  |   |
| 16977  | Oak Island Buoy 2  | 49-18-37.000N<br>094-49-27.200W |                       |               |              | Red nun.  |   |
| 16980  | Sugar Point Rock Buoy 2  | 49-17-35.300N<br>094-54-14.900W |                       |               |              | Red nun.  |   |
| 16985  | Stony Point Reef Buoy 2  | 49-08-09.500N<br>095-07-14.500W |                       |               |              | Red nun.  |   |
| 16990  | BIRCH POINT LIGHT (C)  | 49-09-54.000N<br>095-14-00.000W | FI W 4s               | 23<br>7       |              | Fluorescent red and white banded rectangular day mark on mast.          |   |
| 16995  | Buffalo Point Marina Entrance Lighted Buoy (C)                   | 49-02-30.000N<br>095-13-42.000W | Mo (A) W              |               |              | Red and white stripes.  |   |
| 17000  | BUFFALO POINT LIGHT (C)  | 49-00-00.000N<br>095-13-54.000W | FI W 4s               | 35<br>11      | 6            | Red and white banded diamond day mark on mast.                          |   |
| 17005  | Warroad Lighted Buoy 2   | 48-54-55.500N<br>095-17-08.700W | FI R 4s               |               | 3            | Red.  |   |
| 17010  | WARROAD JETTY LIGHT 4  | 48-54-30.167N<br>095-17-46.640W | FI W 4s               | 38<br>12      | 3            | TR on post.   |   |
| 17011  | Warroad Lighted Buoy "3"   | 48-54-27.540N<br>095-17-45.600W | FI G 4s               |               | 3            | Green.  |   |
| 17013  | Warroad Buoy "5"   | 48-54-24.420N<br>095-17-51.000W |                       |               |              | Green can.  |   |
| 17015  | WARROAD RANGE FRONT LIGHT  | 48-54-03.578N<br>095-18-21.513W | F G                   | 35<br>11      |              | KRW on black skeleton tower.  |   |
| 17020  | WARROAD RANGE REAR LIGHT<br>1,070 feet, 223.6° from front light. | 48-53-55.926N<br>095-18-32.554W | Oc W 4s               | 60<br>18      |              | KRW on square skeleton tower.   |   |
| 17025  | GULL ROCK LIGHT  | 48-59-02.170N<br>095-03-33.530W | FI W 4s               | 17<br>5       | 3            | NR on skeleton tower.   |   |
| 17030  | Long Point East Shoal Buoy 1                                     | 48-58-08.300N<br>094-55-53.900W |                       |               |              | Green can.  |   |
| <b>Zipple Bay</b>  |  |                                 |                       |               |              |   |   |
| 17035  | - Lighted Buoy 1   | 48-52-46.700N<br>094-51-07.000W | FI G 4s               |               | 3            | Green.  |   |
| 17040  | - LIGHT 2  | 48-52-24.000N<br>094-51-10.000W | FI R 2.5s             | 30<br>9       | 3            | White cylindrical tower.  |   |
| 17045  | - LIGHT 3  | 48-52-18.000N<br>094-51-00.000W | FI G 2.5s             | 28<br>9       | 3            | SG on post.   |   |
| 17050  | BRULE POINT LIGHT (C)<br>Marks rocks.                            | 49-07-54.000N<br>094-20-06.000W | FI W 4s               | 30<br>9       | 6            | Red and white rectangular day mark with black square in center on post. |   |

| (1)<br>No.  | (2)<br>Name and Location                | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|----------------|
| <b>MINNESOTA-ONTARIO BORDER LAKES</b>                                   |   |                                 |                       |               |              |  |                |
| <b>BIG TRAVERSE BAY (CHART 6211) (C)</b>                                |   |                                 |                       |               |              |  |                |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i>        |   |                                 |                       |               |              |  |                |
| <b>Zipple Bay</b>   |   |                                 |                       |               |              |  |                |
| 17055   | ROCKY POINT LIGHT (C)                   | 48-57-30.000N<br>094-32-18.000W | FI W 4s               | 25<br>8       | 9            | White day mark on post.  |                |
| 17060   | BURTON ISLAND LIGHT (C)                 | 48-57-00.000N<br>094-37-00.000W | FI W 4s               | 35<br>11      | 6            | Florescent red and white rectangular day mark with black square in center on skeleton tower. |                |
| 17065   | <i>Bell Buoy Shoal Lighted Buoy (C)</i> |                                 | FI G 4s               |               |              | Green.   |                |
| 17070   | OAK POINT LIGHT                         | 48-52-35.000N<br>094-41-10.500W | FI W 6s               | 34<br>10      | 3            | NR on skeleton tower.  |                |
| <b>Four Mile Bay</b>  |   |                                 |                       |               |              |  |                |
| 17073   | - <i>Lighted Buoy 1</i>                 | 48-53-06.800N<br>094-41-12.600W | FI G 6s               |               | 4            | Green.   |                |
| 17075   | - Buoy 2                                | 48-52-59.800N<br>094-41-12.300W |                       |               |              | Red nun.   |                |
| 17077   | - Buoy 4                                | 48-52-53.400N<br>094-41-05.400W |                       |               |              | Red nun.   |                |
| 17079   | - Buoy 6                                | 48-52-43.500N<br>094-48-55.800W |                       |               |              | Red nun.   |                |
| 17079.1   | - Buoy 7                                | 48-52-47.000N<br>094-40-55.800W |                       |               |              | Green can.   |                |
| 17080   | - Buoy 8                                | 48-51-33.100N<br>094-41-27.300W |                       |               |              | Red nun.   |                |
| 17083   | - <i>Lighted Buoy 9</i>                 | 48-51-15.900N<br>094-41-31.000W | FI G 4s               |               | 4            | Green.   |                |
| 17085   | Rainy River Buoy 10                     | 48-51-08.400N<br>094-41-34.000W |                       |               |              | Red nun.   |                |
| 17087   | WHEELER POINT LIGHT 12                  | 48-50-24.257N<br>094-41-13.968W | FI R 4s               | 20<br>6       | 3            | TR on skeleton tower.  |                |
| 17089   | Wheeler Point Buoy 14                   | 48-50-18.200N<br>094-41-21.100W |                       |               |              | Red nun.   |                |
| <b>Baudette Harbor</b>  |   |                                 |                       |               |              |  |                |
| 17095   | - Buoy 1                                | 48-43-04.100N<br>094-35-29.300W |                       |               |              | Green can.   |                |
| 17100   | - Buoy 2                                | 48-43-03.600N<br>094-35-30.400W |                       |               |              | Red nun.   |                |
| 17105   | - Buoy 3                                | 48-42-50.600N<br>094-35-45.700W |                       |               |              | Green can.   |                |
| 17110   | - Buoy 4                                | 48-42-50.700N<br>094-35-47.300W |                       |               |              | Red nun.   |                |
| 17115   | - Buoy 5                                | 48-42-49.800N<br>094-35-46.900W |                       |               |              | Green can.   |                |
| 17120   | - Buoy 6                                | 48-42-51.100N<br>094-35-48.200W |                       |               |              | Red nun.   |                |
| <b>RAINY LAKE - INTERNATIONAL FALLS TO DRYWEED ISLAND (Chart 14998)</b> |   |                                 |                       |               |              |  |                |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i>        |   |                                 |                       |               |              |  |                |
| 17125   | FORT FRANCES RANIER BRIDGE LIGHT (C)    | 48-36-48.000N<br>093-22-00.000W | FI G 4s               | 28<br>9       |              | On post.   |                |
| 17140   | Rainy Lake Buoy 2                       | 48-37-07.000N<br>093-20-49.900W |                       |               |              | Red nun.   |                |
| 17142   | Rainy Lake Buoy 2 A                     | 48-37-31.620N<br>093-20-25.440W |                       |               |              |  |                |
| 17145   | Rainy Lake Buoy 3                       | 48-38-12.700N<br>093-15-48.300W |                       |               |              | Green can.   |                |
| 17150   | FRANSEN ISLAND LIGHT 2A                 | 48-37-39.670N<br>093-15-04.970W | FI R 4s               | 20<br>6       | 3            | TR on skeleton tower.  |                |
| 17155   | Red Sucker Island Buoy 4                | 48-37-51.900N<br>093-11-38.600W |                       |               |              | Red nun.   |                |
| 17160   | Red Sucker Island Buoy 6                | 48-37-32.700N<br>093-11-04.800W |                       |               |              | Red nun.   |                |

| (1)<br>No.  | (2)<br>Name and Location                             | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure      | (8)<br>Remarks   |
|---|--|---------------------------------|-----------------------|---------------|--------------|-----------------------|------------------|
| <b>MINNESOTA-ONTARIO BORDER LAKES</b>                                   |  |                                 |                       |               |              |                       |                  |
| <b>RAINY LAKE - INTERNATIONAL FALLS TO DRYWEED ISLAND (Chart 14998)</b> |  |                                 |                       |               |              |                       |                  |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i>        |  |                                 |                       |               |              |                       |                  |
| 17165   | BALD ROCK LIGHT                                      | 48-37-26.580N<br>093-10-53.780W | FI W 4s               | 35<br>11      | 3            | NB on skeleton tower. |                  |
| 17170   | Rainy Lake Buoy 7                                    | 48-33-36.200N<br>093-06-48.200W |                       |               |              | Green can.            |                  |
| <b>RAINY LAKE - DRYWEED ISLAND TO BIG ISLAND (Chart 14997)</b>          |  |                                 |                       |               |              |                       |                  |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i>        |  |                                 |                       |               |              |                       |                  |
| 17175   | Rainy Lake Buoy 8                                    | 48-37-24.000N<br>093-05-07.800W |                       |               |              | Red nun.              |                  |
| 17180   | CAPSTAN REEF LIGHT (C)                               | 48-38-06.000N<br>093-03-00.000W | FI W 4s               | 17<br>5       | 6            | White structure.      | Radar reflector. |
| 17185   | Olsons Reef Buoy 10OR                                | 48-36-57.900N<br>092-59-34.900W |                       |               |              | Red nun.              |                  |
| <b>RAINY LAKE - INTERNATIONAL FALLS TO DRYWEED ISLAND (Chart 14998)</b> |  |                                 |                       |               |              |                       |                  |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i>        |  |                                 |                       |               |              |                       |                  |
| 17190   | ROBERTS ISLAND LIGHT 2                               | 48-37-08.830N<br>093-15-57.520W | FI R 4s               | 27<br>8       | 3            | TR on skeleton tower. |                  |
| <b>Canoe Channel</b>  |  |                                 |                       |               |              |                       |                  |
| 17195   | - Day beacon 4<br>Marks rocks.                       | 48-36-58.150N<br>093-15-37.240W |                       |               |              | TR on skeleton tower. |                  |
| 17200   | - Day beacon 5<br>Marks rock.                        | 48-36-57.740N<br>093-15-28.060W |                       |               |              | SG on skeleton tower. |                  |
| 17205   | - Buoy 7<br>Marks rock.                              | 48-36-54.700N<br>093-15-01.900W |                       |               |              | Green can.            |                  |
| 17210   | - Day beacon 8<br>Marks rock.                        | 48-36-51.060N<br>093-14-51.230W |                       |               |              | TR on skeleton tower. |                  |
| 17215   | - Day beacon 10<br>Marks rock awash.                 | 48-36-38.590N<br>093-14-15.680W |                       |               |              | TR on skeleton tower. |                  |
| 17220   | - Day beacon 12                                      | 48-36-28.950N<br>093-13-53.790W |                       |               |              | TR on skeleton tower. |                  |
| 17225   | - Buoy 14  | 48-36-26.000N<br>093-13-15.600W |                       |               |              | Red nun.              |                  |
| 17230   | - Day beacon 15<br>Marks submerged rock.             | 48-36-31.610N<br>093-12-25.770W |                       |               |              | SG on skeleton tower. |                  |
| 17235   | - Buoy 16<br>Marks rock.                             | 48-36-33.700N<br>093-11-06.600W |                       |               |              | Red nun.              |                  |
| 17240   | - LIGHT 17<br>Marks shoal.                           | 48-36-27.550N<br>093-10-54.880W | FI G 2.5s             | 21<br>6       | 3            | SG on skeleton tower. |                  |
| 17245   | Fraser Island Buoy 17A<br>Marks south side of shoal. | 48-36-14.000N<br>093-09-33.600W |                       |               |              | Green can.            |                  |
| 17250   | Big American Island<br>Day beacon 19                 | 48-36-14.800N<br>093-09-01.240W |                       |               |              | SG on pile.           |                  |
| 17252   | - Buoy 20  | 48-36-16.237N<br>093-07-51.473W |                       |               |              | Red nun.              |                  |
| 17255   | South Shore Buoy 1                                   | 48-36-23.700N<br>093-06-05.700W |                       |               |              | Green can.            |                  |
| <b>RAINY LAKE - DRYWEED ISLAND TO BIG ISLAND (Chart 14997)</b>          |  |                                 |                       |               |              |                       |                  |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i>        |  |                                 |                       |               |              |                       |                  |
| 17260   | South Shore Buoy 3                                   | 48-36-29.700N<br>093-05-00.100W |                       |               |              | Green can.            |                  |
| 17265   | South Shore Buoy 5                                   | 48-36-20.700N<br>093-04-30.500W |                       |               |              | Green can.            |                  |
| 17267   | South Shore Buoy 6                                   | 48-36-15.798N<br>093-04-30.979W |                       |               |              | Red nun.              |                  |
| 17270   | South Shore Buoy 7                                   | 48-36-22.400N<br>093-02-57.200W |                       |               |              | Green can.            |                  |
| 17275   | South Shore Buoy 8                                   | 48-36-21.400N<br>093-01-40.100W |                       |               |              | Red nun.              |                  |
| 17277   | South Shore Buoy 9                                   | 48-36-29.424N<br>093-01-28.920W |                       |               |              | Green can.            |                  |
| 17280   | South Shore Buoy 10                                  | 48-36-13.300N<br>092-59-49.700W |                       |               |              | Red nun.              |                  |
| 17285   | Rainy Lake Lighted Buoy 12                           | 48-36-25.863N<br>092-57-37.017W | FI R 4s               |               | 4            | Red.                  |                  |

| (1)<br>No.   | (2)<br>Name and Location            | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                    | (8)<br>Remarks             |
|--|-------------------------------------|---------------------------------|-----------------------|---------------|--------------|-------------------------------------|----------------------------|
| <b>MINNESOTA-ONTARIO BORDER LAKES</b>                            |                                     |                                 |                       |               |              |                                     |                            |
| <b>RAINY LAKE - DRYWEED ISLAND TO BIG ISLAND (Chart 14997)</b>   |                                     |                                 |                       |               |              |                                     |                            |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i> |                                     |                                 |                       |               |              |                                     |                            |
| 17290  | Rainy Lake Buoy 13                  | 48-36-26.200N<br>092-57-35.600W |                       |               |              | Green can.                          |                            |
| 17295  | Rainy Lake Buoy 15                  | 48-36-23.700N<br>092-57-13.100W |                       |               |              | Green can.                          |                            |
| 17300  | Rainy Lake Buoy 16                  | 48-36-22.200N<br>092-56-32.600W |                       |               |              | Red nun.                            |                            |
| 17305  | MACKENZIE ISLAND LIGHT (C)          | 48-36-30.000N<br>092-56-24.000W | FI W 4s               | 26<br>8       | 6            | White diamond day mark on post.     | Visible from 290° to 110°. |
| <b>Brule Narrows</b>   |                                     |                                 |                       |               |              |                                     |                            |
| 17310  | - Buoy 18                           | 48-36-15.600N<br>092-55-35.100W |                       |               |              | Red nun.                            |                            |
| 17315  | - Buoy 19                           | 48-36-15.100N<br>092-55-29.700W |                       |               |              | Green can.                          |                            |
| 17320  | - Buoy 20                           | 48-36-05.200N<br>092-55-12.800W |                       |               |              | Red nun.                            |                            |
| 17325  | - Buoy 22                           | 48-36-03.700N<br>092-55-08.700W |                       |               |              | Red nun.                            |                            |
| 17330  | - Buoy 24                           | 48-36-03.200N<br>092-55-06.000W |                       |               |              | Red nun.                            |                            |
| 17335  | - Buoy 26                           | 48-35-53.300N<br>092-54-47.200W |                       |               |              | Red nun.                            |                            |
| 17340  | BRULE ISLAND LIGHT (C)              | 48-35-48.000N<br>092-54-00.000W | FI W 4s               | 22<br>7       | 5            | Lattice tower on concrete base.     |                            |
| 17345  | - Buoy 28                           | 48-35-43.300N<br>092-53-55.100W |                       |               |              | Red nun.                            |                            |
| 17350  | - Buoy 29                           | 48-35-40.200N<br>092-53-45.400W |                       |               |              | Green can.                          |                            |
| 17355  | - Buoy 29A                          | 48-35-33.300N<br>092-53-40.700W |                       |               |              | Green can.                          |                            |
| 17360  | - Buoy 30                           | 48-35-30.900N<br>092-53-40.800W |                       |               |              | Red nun.                            |                            |
| 17365  | - Buoy 31                           | 48-35-31.700N<br>092-53-38.900W |                       |               |              | Green can.                          |                            |
| 17367  | Soldiers Point Day beacon 30a       | 48-26-30.000N<br>092-30-50.000W |                       |               |              | TR on skeleton tower.               |                            |
| 17370  | - Lighted Buoy 32                   | 48-35-29.200N<br>092-53-39.000W | FI R 4s               |               | 4            | Red.                                |                            |
| 17375  | RAINY LAKE LIGHT 34                 | 48-33-33.860N<br>092-53-14.470W | FI R 4s               | 5<br>2        | 3            | TR on skeleton tower.               |                            |
| 17380  | Hitchcock Bay Buoy 35               | 48-33-09.500N<br>092-53-11.500W |                       |               |              | Green can.                          |                            |
| 17385  | Hitchcock Bay Buoy 35A              | 48-32-53.400N<br>092-53-03.800W |                       |               |              | Green can.                          |                            |
| 17390  | Hitchcock Island Day beacon 36      | 48-32-47.000N<br>092-53-13.000W |                       |               |              | TR on skeleton tower.               |                            |
| <b>RAINY LAKE - BIG ISLAND TO OAK POINT ISLAND (Chart 14996)</b> |                                     |                                 |                       |               |              |                                     |                            |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i> |                                     |                                 |                       |               |              |                                     |                            |
| <b>Rainy Lake</b>  |                                     |                                 |                       |               |              |                                     |                            |
| 17395  | GULL ROCKS LIGHT (C)<br>Marks rock. | 48-33-48.000N<br>092-46-36.000W | FI W 4s               | 29<br>9       |              | White rectangular day mark on mast. |                            |
| 17400  | - Buoy 37                           | 48-32-22.700N<br>092-45-02.700W |                       |               |              | Green can.                          |                            |
| 17405  | - Buoy 38                           | 48-32-16.800N<br>092-39-50.500W |                       |               |              | Red nun.                            |                            |
| 17410  | - Buoy 39                           | 48-32-10.200N<br>092-38-38.700W |                       |               |              | Green can.                          |                            |
| 17415  | - Buoy 41                           | 48-31-25.970N<br>092-37-47.188W |                       |               |              | Green can.                          |                            |
| 17420  | SURVEYOR'S ISLAND LIGHT 43          | 48-31-03.280N<br>092-37-41.110W | FI G 4s               |               | 4            | SG on skeleton tower.               |                            |
| <b>Kettle Channel</b>  |                                     |                                 |                       |               |              |                                     |                            |
| 17425  | - Buoy 2                            | 48-31-02.100N<br>092-37-43.000W |                       |               |              | Red nun.                            |                            |



| (1)<br>No.  | (2)<br>Name and Location             | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure          | (8)<br>Remarks |
|---|--------------------------------------|---------------------------------|-----------------------|---------------|--------------|---------------------------|----------------|
| <b>MINNESOTA-ONTARIO BORDER LAKES</b>                                 |                                      |                                 |                       |               |              |                           |                |
| <b>RAINY LAKE - BIG ISLAND TO OAK POINT ISLAND (Chart 14996)</b>      |                                      |                                 |                       |               |              |                           |                |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i>      |                                      |                                 |                       |               |              |                           |                |
| <b>Kettle Channel</b>   |                                      |                                 |                       |               |              |                           |                |
| 17430   | - Buoy 4                             | 48-30-45.200N<br>092-37-32.300W |                       |               |              | Red nun.                  |                |
| 17435   | - Buoy 6                             | 48-30-38.600N<br>092-37-40.700W |                       |               |              | Red nun.                  |                |
| 17440   | - Buoy 7                             | 48-30-24.300N<br>092-37-52.700W |                       |               |              | Green can.                |                |
| 17445   | - Buoy 8                             | 48-30-06.400N<br>092-37-45.100W |                       |               |              | Red nun.                  |                |
| <b>EASTERN KABETOGAMA LAKE AND WESTERN NAMAKAN LAKE (Chart 14994)</b> |                                      |                                 |                       |               |              |                           |                |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i>      |                                      |                                 |                       |               |              |                           |                |
| <b>Namakan Lake</b>   |                                      |                                 |                       |               |              |                           |                |
| 17450   | Mica Island Day beacon 2             | 48-29-47.670N<br>092-41-38.290W |                       |               |              | TR on skeleton tower.     |                |
| 17455   | Mica Island Day beacon 2A            | 48-29-47.500N<br>092-41-45.000W |                       |               |              | TR on skeleton tower.     |                |
| 17460   | Squaw Narrows Day beacon 4           | 48-29-00.820N<br>092-42-10.230W |                       |               |              | TR on skeleton tower.     |                |
| 17465   | Gagnon Island Buoy 5                 | 48-28-47.500N<br>092-42-27.500W |                       |               |              | Green can.                |                |
| 17470   | Gagnon Point Day beacon 6            | 48-28-21.847N<br>092-43-11.545W |                       |               |              | TR on skeleton tower.     |                |
| 17475   | Arrowhead Island Buoy 7              | 48-28-17.600N<br>092-43-01.600W |                       |               |              | Green can.                |                |
| 17480   | Alden Island Buoy 9                  | 48-28-02.600N<br>092-43-01.700W |                       |               |              | Green can.                |                |
| 17485   | Biv o Island Day beacon 11           | 48-27-42.510N<br>092-42-51.020W |                       |               |              | SG on skeleton tower.     |                |
| 17490   | Biv o Island Buoy 13                 | 48-27-39.000N<br>092-42-51.500W |                       |               |              | Green can.                |                |
| 17495   | - Buoy 14                            | 48-27-32.500N<br>092-42-48.500W |                       |               |              | Red nun.                  |                |
| 17500   | - Buoy 16                            | 48-27-16.800N<br>092-43-17.500W |                       |               |              | Red nun.                  |                |
| 17505   | Kubel Island Buoy 18                 | 48-27-15.100N<br>092-43-37.500W |                       |               |              | Red nun.                  |                |
| 17510   | Sexton Island Buoy 20                | 48-26-54.600N<br>092-44-51.600W |                       |               |              | Red nun.                  |                |
| 17515   | Cemetary Island Buoy 22              | 48-26-47.400N<br>092-45-27.700W |                       |               |              | Red nun.                  |                |
| 17520   | Sweetnose Island Day beacon 23       | 48-26-39.590N<br>092-46-30.850W |                       |               |              | SG on skeleton tower.     |                |
| 17525   | Sweetnose Island Buoy 24             | 48-26-42.300N<br>092-46-36.900W |                       |               |              | Red nun                   |                |
| 17530   | - Day beacon 26<br>Marks rock awash. | 48-26-18.000N<br>092-47-06.000W |                       |               |              | TR on post.               |                |
| 17535   | - <i>Lighted Buoy 27</i>             | 48-25-50.680N<br>092-47-38.311W | FI G 4s               |               | 3            | Green.                    |                |
| <b>Kabetogama Lake</b>  |                                      |                                 |                       |               |              |                           |                |
| 17540   | - Buoy 29                            | 48-26-10.700N<br>092-48-35.500W |                       |               |              | Green can.                |                |
| 17545   | - Buoy 31                            | 48-26-15.000N<br>092-51-00.800W |                       |               |              | Green can.                |                |
| 17550   | - Warning Day beacon                 | 48-26-10.000N<br>092-51-00.000W |                       |               |              | NW on post.               |                |
| 17555   | - Buoy 32                            | 48-26-21.700N<br>092-53-03.500W |                       |               |              | Red nun.                  |                |
| 17560   | Green Island Buoy 34                 | 48-26-24.700N<br>092-53-53.900W |                       |               |              | Red nun.                  |                |
| 17565   | Feedem Island Buoy 36                | 48-27-00.800N<br>092-55-20.700W |                       |               |              | Red nun.                  |                |
| 17570   | Knox Island Day beacon 37            | 48-27-01.220N<br>092-55-48.230W |                       |               |              | SG on skeleton tower.     |                |
| 17575   | - Junction Buoy                      | 48-27-13.100N<br>092-56-11.100W |                       |               |              | Green and red bands; can. |                |

| (1)<br>No.  | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure         | (8)<br>Remarks |
|---|---|---------------------------------|-----------------------|---------------|--------------|--------------------------|----------------|
| <b>MINNESOTA-ONTARIO BORDER LAKES</b>                                 |   |                                 |                       |               |              |                          |                |
| <b>EASTERN KABETOGAMA LAKE AND WESTERN NAMAKAN LAKE (Chart 14994)</b> |   |                                 |                       |               |              |                          |                |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i>      |   |                                 |                       |               |              |                          |                |
| <b>Kabetogama Lake</b>  |   |                                 |                       |               |              |                          |                |
| 17580   | - Buoy 38   | 48-27-52.600N<br>092-57-43.500W |                       |               |              | Red nun.                 |                |
| 17585   | - Buoy 39   | 48-28-02.000N<br>092-58-17.900W |                       |               |              | Green can.               |                |
| 17590   | Pin Cherry Buoy 38A   | 48-28-26.500N<br>092-58-59.500W |                       |               |              | Red nun.                 |                |
| <b>WESTERN KABETOGAMA LAKE (Chart 14995)</b>                          |   |                                 |                       |               |              |                          |                |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i>      |   |                                 |                       |               |              |                          |                |
| <b>Kabetogama Lake</b>  |   |                                 |                       |               |              |                          |                |
| 17595   | - Buoy 40   | 48-28-51.600N<br>093-00-26.400W |                       |               |              | Red nun.                 |                |
| 17600   | - Buoy 42   | 48-28-46.000N<br>093-00-48.200W |                       |               |              | Red nun.                 |                |
| 17605   | - Buoy 44   | 48-29-18.000N<br>093-03-33.800W |                       |               |              | Red nun.                 |                |
| <b>EASTERN KABETOGAMA LAKE AND WESTERN NAMAKAN LAKE (Chart 14994)</b> |   |                                 |                       |               |              |                          |                |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i>      |   |                                 |                       |               |              |                          |                |
| 17610   | Martin Island Buoy 1  | 48-27-24.300N<br>092-59-03.600W |                       |               |              | Green can.               |                |
| <b>WESTERN KABETOGAMA LAKE (Chart 14995)</b>                          |   |                                 |                       |               |              |                          |                |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i>      |   |                                 |                       |               |              |                          |                |
| 17615   | Ram Island Buoy 4   | 48-28-24.200N<br>093-01-58.800W |                       |               |              | Red nun.                 |                |
| 17620   | VOYAGEURS NATIONAL<br>PARK BREAKWATER LIGHT   | 48-26-32.500N<br>093-01-46.000W | Q R                   | 25<br>8       |              | TR on post.              | Private aid.   |
| <b>EASTERN KABETOGAMA LAKE AND WESTERN NAMAKAN LAKE (Chart 14994)</b> |   |                                 |                       |               |              |                          |                |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i>      |   |                                 |                       |               |              |                          |                |
| 17625   | Namakan Island Day beacon N<br>Marks bifurcation of<br>Namakan and Kabetogama<br>Lakes. | 48-27-06.000N<br>092-42-48.000W |                       |               |              | NR on skeleton<br>tower. |                |
| 17630   | Fox Island Day beacon 4   | 48-26-12.000N<br>092-39-59.000W |                       |               |              | TR on skeleton<br>tower. |                |
| 17635   | Randolph Island Buoy 6  | 48-26-04.100N<br>092-39-14.900W |                       |               |              | Red nun.                 |                |
| 17640   | Pike Island Day beacon 8  | 48-26-08.000N<br>092-35-43.000W |                       |               |              | TR on skeleton<br>tower. |                |
| <b>NAMAKAN LAKE - EASTERN PART (Chart 14993)</b>                      |   |                                 |                       |               |              |                          |                |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i>      |   |                                 |                       |               |              |                          |                |
| 17645   | YOUR ISLAND LIGHT 9   | 48-26-29.000N<br>092-30-50.000W | FI G 6s               | 25<br>8       | 3            | SG on skeleton<br>tower. |                |
| 17650   | Your Island Buoy 10   | 48-26-21.600N<br>092-30-19.100W |                       |               |              | Red nun.                 |                |
| 17655   | Namakan Narrows Day beacon<br>12  | 48-26-11.000N<br>092-29-43.000W |                       |               |              | TR on skeleton<br>tower. |                |
| 17660   | Namakan Narrows Day beacon<br>14  | 48-25-31.500N<br>092-28-51.000W |                       |               |              | TR on skeleton<br>tower. |                |
| 17665   | Sand Point Buoy 16  | 48-24-56.400N<br>092-27-51.400W |                       |               |              | Red nun.                 |                |
| 17670   | Sand Point Buoy 18  | 48-24-38.200N<br>092-27-24.200W |                       |               |              | Red nun.                 |                |
| 17675   | Burnt Island Day beacon 20  | 48-24-10.000N<br>092-27-30.000W |                       |               |              | TR on skeleton<br>tower. |                |
| 17680   | Sand Point Buoy 22  | 48-22-01.800N<br>092-28-42.300W |                       |               |              | Red nun.                 |                |
| <b>SAND POINT LAKE TO LAC LA CROIX (Chart 14992)</b>                  |   |                                 |                       |               |              |                          |                |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i>      |   |                                 |                       |               |              |                          |                |
| 17685   | King Williams Narrows Buoy<br>24  | 48-20-05.100N<br>092-27-55.500W |                       |               |              | Red nun.                 |                |
| 17690   | King Williams Narrows Buoy<br>25  | 48-19-49.800N<br>092-27-56.700W |                       |               |              | Green can.               |                |
| 17695   | King Williams Narrows Buoy<br>27  | 48-19-39.500N<br>092-27-52.200W |                       |               |              | Green can.               |                |

| (1)<br>No.   | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks  |
|--|--|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>MINNESOTA-ONTARIO BORDER LAKES</b>                            |  |                                 |                       |               |              |  |   |
| <b>SAND POINT LAKE TO LAC LA CROIX (Chart 14992)</b>             |  |                                 |                       |               |              |  |   |
| <i>Buoys and Lighted Buoys maintained from May 7 to Oct. 14.</i> |  |                                 |                       |               |              |  |   |
| 17700  | Crane Lake Buoy 28   | 48-17-58.000N<br>092-28-09.800W |                       |               |              | Red nun.   |   |
| 17705  | Crane Lake Buoy 29   | 48-17-35.000N<br>092-28-17.100W |                       |               |              | Green can.   |   |
| 17710  | Indian Island Buoy 30  | 48-17-30.700N<br>092-27-56.900W |                       |               |              | Red nun.   |   |
| 17715  | Bear Island Buoy 32  | 48-16-40.600N<br>092-28-07.500W |                       |               |              | Red nun.   |   |
| <b>LAKE MICHIGAN</b>   |  |                                 |                       |               |              |  |   |
| <b>DE TOUR PASSAGE TO WAUGOSHANCE POINT (Chart 14881)</b>        |  |                                 |                       |               |              |  |   |
| 17720  | ST HELENA LIGHT  | 45-51-17.986N<br>084-51-48.931W | FI W 6s               | 71<br>22      | 6            | White conical tower<br>connected to<br>dwelling.         |   |
| 17722  | <i>Sandusky Wreck Mooring<br/>Buoy</i>                                   | 45-47-58.140N<br>084-50-15.300W |                       |               |              |  | Private aid.  |
| 17723  | <i>Maitland Wreck Mooring Buoy</i>                                       | 45-48-15.000N<br>084-52-32.820W |                       |               |              |  | Private aid.  |
| 17725  | St Helena Southeast Shoal<br>Buoy 1                                      | 45-50-59.366N<br>084-51-16.728W |                       |               |              | Green can.   |   |
| 17730  | St Helena Shoal Buoy SHS<br>Marks south side of shoal.                   | 45-51-46.699N<br>084-55-25.241W |                       |               |              | Red and green<br>bands; nun.                             |   |
| <b>WAUGOSHANCE POINT TO SEUL CHOIX POINT (Chart 14911)</b>       |  |                                 |                       |               |              |  |   |
| 17735  | Manitou Paymen Shoal Buoy 2<br>Marks southwest side of<br>shoal.         | 45-57-29.829N<br>085-04-36.215W |                       |               |              | Red nun.   |   |
| 17740  | <i>New Shoal Lighted Buoy 1</i>  | 45-49-16.280N<br>085-05-16.788W | FI G 4s               |               | 5            | Green.   | Maintained from Apr. 21 to Dec.<br>14.<br>AIS MMSI: 993672238   |
| 17745  | <i>New Shoal Lighted Bell Buoy 3</i>                                     | 45-48-53.619N<br>085-08-00.517W | FI G 2.5s             |               | 4            | Green.   | Replaced by can f from Dec. 14<br>to Apr. 21.<br>AIS MMSI: 993672239                                      |
| 17750  | <b>White Shoal Light</b><br>Marks east side of shoal.                    | 45-50-30.074N<br>085-08-08.420W | FI W 5s               | 125<br>38     | 11           | Red and white<br>spiral bands on<br>conical crib.<br>125 | RACON: K ( - - - )<br>HORN: 1 blast ev 30s (3s bl).   |
| 17755  | White Shoal Buoy<br>Marks southwest side of<br>shoal.                    | 45-50-10.625N<br>085-09-55.455W |                       |               |              | Red and green<br>bands; nun.                             |   |
| 17760  | <i>Simmons Reef Lighted Bell<br/>Buoy 2</i><br>Marks south side of reef. | 45-54-08.325N<br>085-12-58.713W | FI R 4s               |               | 4            | Red.   | Maintained from Apr. 21 to Nov.<br>28.  |
| <b>Grays Reef Passage Channel</b>                                |  |                                 |                       |               |              |  |   |
| 17765  | - <i>Lighted Buoy 5</i>  | 45-46-51.927N<br>085-08-17.947W | FI G 4s               |               | 5            | Green.   | Maintained from Apr 21 to 14<br>Dec   |
| 17770  | - <i>Lighted Bell Buoy 4</i>   | 45-46-56.027N<br>085-09-03.549W | FI R 4s               |               | 4            | Red.   | Maintained from Apr 21 to 14<br>Dec   |
| 17775  | <b>Grays Reef Light</b>  | 45-45-56.590N<br>085-09-13.611W | FI R 10s              | 82<br>25      | 14           | Square tower.<br>82                                      | RACON: G ( - - - )<br>Obscured from 080° to 170°.<br>HORN: 2 blasts ev 30s (2s bl-2s<br>si-2s bl-24s si). |
| 17780  | - <i>Lighted Buoy 7</i>  | 45-45-44.377N<br>085-08-29.152W | FI G 4s               |               | 5            | Green.   | Replaced by can f from Dec. 14<br>to Apr. 21.<br>AIS MMSI: 993672227                                      |
| <b>WAUGOSHANCE POINT TO SEUL CHOIX POINT (Chart 14911)</b>       |  |                                 |                       |               |              |  |   |
| 17785  | Ile Aux Galets Buoy 2<br>Marks east side of shoal.                       | 45-40-58.829N<br>085-08-06.838W |                       |               |              | Red nun.   |   |
| 17790  | Ile Aux Galets Buoy 9<br>Marks northwest side of<br>shoal.               | 45-40-56.840N<br>085-11-03.023W |                       |               |              | Green can.   |   |

| (1)<br>No.   | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                      | (8)<br>Remarks                                    |
|--|---|---------------------------------|-----------------------|---------------|--------------|---------------------------------------|---|
| <b>LAKE MICHIGAN</b>   |   |                                 |                       |               |              |                                       |   |
| <b>WAUGOSHANCE POINT TO SEUL CHOIX POINT (Chart 14911)</b>     |   |                                 |                       |               |              |                                       |   |
| 17795  | <b>Ile Aux Galets Light</b>   | 45-40-34.936N<br>085-10-19.653W | Fl W 6s               | 58<br>18      | 11           | White octagonal tower.<br>58          |   |
| 17800  | Dahlia Shoal Buoy 1<br>Marks southwest side of shoal.                     | 45-37-31.627N<br>085-12-47.945W |                       |               |              | Green can.                            |   |
| 17805  | Hog Island Reef Buoy 10<br>Marks east side of reef.                       | 45-43-13.015N<br>085-20-19.278W |                       |               |              | Red nun.                              | Seasonal maintained from 21 Apr to 14 Nov         |
| 17810  | <i>Beaver Island Shoal Northeast End Lighted Buoy 1</i>                   | 45-45-48.845N<br>085-29-41.146W | Fl G 4s               |               | 3            | Green.                                | Maintained from May 7 to Nov. 14.                 |
| <b>St. James Harbor</b>  |   |                                 |                       |               |              |                                       |   |
| 17815  | - Buoy 1  | 45-43-57.797N<br>085-29-44.712W |                       |               |              | Green can.                            |   |
| 17820  | - Buoy 2  | 45-44-18.697N<br>085-29-39.713W |                       |               |              | Red nun.                              |   |
| 17825  | - Lighted Buoy 4  | 45-44-26.518N<br>085-30-31.674W | Fl R 4s               |               | 4            | Red.                                  | Replaced by nun from Nov. 14 to May 7.            |
| 17830  | - Buoy 6  | 45-44-46.495N<br>085-31-00.616W |                       |               |              | Red nun.                              | Maintained from May 7 to Nov. 14.                 |
| 17835  | - Buoy 7  | 45-44-52.795N<br>085-30-55.716W |                       |               |              | Green can.                            | Maintained from May 7 to Nov. 14.                 |
| 17840  | - Buoy 8  | 45-44-51.795N<br>085-30-54.116W |                       |               |              | Red nun.                              | Maintained from May 7 to Nov. 14.                 |
| 17845  | <b>St. James Light</b>  | 45-44-34.030N<br>085-30-31.010W | Iso R 6s              | 38<br>12      | 11           | Cylindrical tower.<br>38              | Light obscured from 127°30' to 199°30'.           |
| <b>WAUGOSHANCE POINT TO SEUL CHOIX POINT (Chart 14911)</b>     |   |                                 |                       |               |              |                                       |   |
| 17850  | <i>Stony Point Shoal Lighted Bell Buoy 1</i><br>Marks east side of shoal. | 45-43-12.017N<br>085-28-48.062W | Fl G 6s               |               | 4            | Green.                                | Replaced by can from Nov. 14 to May 7.            |
| <b>GRAND TRAVERSE BAY TO LITTLE TRAVERSE BAY (Chart 14913)</b> |   |                                 |                       |               |              |                                       |   |
| <b>Harbor Springs</b>  |   |                                 |                       |               |              |                                       |   |
| 17855  | LITTLE TRAVERSE LIGHT   | 45-25-09.078N<br>084-58-38.682W | Fl G 6s               | 72<br>22      | 8            | White skeleton tower.                 |   |
| 17860  | - <i>Special Anchorage Lighted Buoy B</i>                                 | 45-25-35.000N<br>084-59-07.000W | Fl W 2s               |               |              | White.                                | Maintained from Apr. 1 to Nov. 1.<br>Private aid. |
| 17865  | STATE STREET PIER LIGHT   | 45-25-43.300N<br>084-59-16.300W | F R                   |               |              | On top of restaurant with white roof. | Maintained from Apr. 1 to Dec. 1.<br>Private aid. |
| 17870  | SPRING STREET PIERHEAD LIGHT  | 45-25-45.000N<br>084-59-26.000W | F R                   |               |              | On dock.                              | Maintained from Apr. 1 to Dec. 1.<br>Private aid. |
| <b>Ford Park Channel</b>                                       |   |                                 |                       |               |              |                                       |   |
| <i>Buoys maintained from Apr. 1 to Nov. 1.</i>                 |   |                                 |                       |               |              |                                       |   |
| 17875  | - Lighted Buoy 1  | 45-25-35.000N<br>084-58-55.200W | Fl G 2s               |               |              | Green.                                | Private aid.                                      |
| 17880  | - Lighted Buoy 2  | 45-25-35.000N<br>084-58-53.000W | Fl R 2s               |               |              | Red.                                  | Private aid.                                      |
| 17885  | - Lighted Buoy 3  | 45-25-35.000N<br>084-59-07.000W | Fl G 2s               |               |              | Green.                                | Private aid.                                      |
| 17890  | - Lighted Buoy 4  | 45-25-35.000N<br>084-59-07.000W | Fl R 2s               |               |              | Red.                                  | Private aid.                                      |
| <b>GRAND TRAVERSE BAY TO LITTLE TRAVERSE BAY (Chart 14913)</b> |   |                                 |                       |               |              |                                       |   |
| 17895  | WALSTROM MARINE LIGHT 1   | 45-25-43.100N<br>084-58-44.800W | Q G                   | 8<br>2        |              | On post.                              | Maintained from Jun. 1 to Oct. 1.<br>Private aid. |

| (1)<br>No.   | (2)<br>Name and Location                               | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure         | (8)<br>Remarks   |
|--|--|---------------------------------|-----------------------|---------------|--------------|--------------------------|--|
| <b>LAKE MICHIGAN</b>   |  |                                 |                       |               |              |                          |  |
| <b>GRAND TRAVERSE BAY TO LITTLE TRAVERSE BAY (Chart 14913)</b> |  |                                 |                       |               |              |                          |  |
| 17900  | WALSTROM MARINE LIGHT 2                                | 45-35-43.200N<br>084-58-43.900W | Q R                   | 9<br>3        |              | On post.                 | Maintained from Jun. 1 to Oct. 1.<br><br>Private aid.  |
| <b>Harbor Springs</b>  |  |                                 |                       |               |              |                          |  |
| 17902  | <i>Zoll Street Channel Lighted Buoy 1</i>              | 45-25-33.600N<br>084-58-53.390W | FI G 4s               |               |              |                          | Private aid.   |
| 17902.1  | <i>Zoll Street Channel Lighted Buoy 2</i>              | 45-25-33.500N<br>084-58-56.890W | FI R 4s               |               |              |                          | Private aid.   |
| <b>GRAND TRAVERSE BAY TO LITTLE TRAVERSE BAY (Chart 14913)</b> |  |                                 |                       |               |              |                          |  |
| 17905  | <i>Harbor Springs Special Anchorage Lighted Buoy A</i> | 45-25-35.000N<br>084-58-24.800W | FI W 2s               |               |              | White.                   | Maintained from Apr. 1 to Nov. 1.<br><br>Private aid.  |
| <b>Petoskey</b>  |  |                                 |                       |               |              |                          |  |
| 17915  | - LIGHT  | 45-22-48.337N<br>084-57-41.356W | FI R 2.5s             | 44<br>13      | 4            | White cylindrical tower. |  |
| <b>LAKE CHARLEVOIX (Chart 14942)</b>                           |  |                                 |                       |               |              |                          |  |
| <b>Charlevoix</b>  |  |                                 |                       |               |              |                          |  |
| 17920  | - North Pierhead Light                                 | 45-19-14.892N<br>085-15-53.796W | FI G 2.5s             | 20<br>6       | 10           | SG on post.              |  |
| 17925  | - South Pierhead Light                                 | 45-19-12.930N<br>085-15-53.748W | FI R 4s               | 41<br>13      | 10           | 41                       | HORN: 1 blast ev 30s (3s bl).<br>Operate the fog signal by keying the microphone on channel 83A VHF marine radio five times. |
| 17930  | Round Lake Special Anchorage Buoy A                    | 45-19-08.981N<br>085-15-23.375W |                       |               |              | Yellow can.              | Maintained from Apr. 14 to Nov. 14.  |
| 17935  | Round Lake Special Anchorage Buoy B                    | 45-19-07.573N<br>085-15-19.701W |                       |               |              | Yellow can.              | Maintained from Apr. 14 to Nov. 14.  |
| 17940  | Round Lake Special Anchorage Buoy C                    | 45-19-00.936N<br>085-15-06.318W |                       |               |              | Yellow can.              | Maintained from Apr. 14 to Nov. 14.  |
| 17945  | PINE RIVER LIGHT 3                                     | 45-18-56.500N<br>085-14-44.200W | FI G 2.5s             | 10<br>3       | 5            | SG on skeleton tower.    |  |
| 17950  | <i>Pine River Channel Lighted Buoy 2</i>               | 45-18-52.824N<br>085-14-41.111W | FI R 4s               |               | 3            | Red.                     | Maintained from Apr. 14 to Nov. 14.  |
| 17955  | NORTHWEST MARINE YACHT BASIN LIGHT 4                   | 45-18-26.000N<br>085-14-43.000W | F R                   | 7<br>2        |              | TR on pile.              | Maintained from May 15 to Nov. 1.<br><br>Private aid.  |
| 17960  | NORTHWEST MARINE YACHT BASIN LIGHT 1                   | 45-18-24.000N<br>085-14-40.000W | F G                   | 6<br>2        |              | SG on tripod.            | Maintained from May 15 to Nov. 1.<br><br>Private aid.  |
| 17965  | NORTHWEST MARINE YACHT BASIN LIGHT 3                   | 45-18-24.000N<br>085-14-43.000W | F G                   | 7<br>2        |              | SG on pile.              | Maintained from May 15 to Nov. 1.<br><br>Private aid.  |
| <b>Belvedere Club Dock</b>                                     |  |                                 |                       |               |              |                          |  |
| <i>Lights maintained from May 1 to Nov. 15.</i>                |  |                                 |                       |               |              |                          |  |
| 17970  | - LIGHT A  | 45-18-57.000N<br>085-14-57.500W | F R                   | 6<br>2        |              | On pile.                 | Private aid.   |
| 17975  | - LIGHT B  | 45-18-57.000N<br>085-14-57.500W | F R                   | 6<br>2        |              | On pile.                 | Private aid.   |
| 17980  | - LIGHT C  | 45-18-57.000N<br>085-18-57.000W | F R                   | 6<br>2        |              | On pile.                 | Private aid.   |
| 17985  | - LIGHT D  | 45-18-57.000N<br>085-14-57.500W | F R                   | 6<br>2        |              | On pile.                 | Private aid.   |
| <b>Charlevoix Floating Breakwall</b>                           |  |                                 |                       |               |              |                          |  |
| <i>Lights maintained from Apr. 1 to Nov. 1.</i>                |  |                                 |                       |               |              |                          |  |
| 17990  | - LIGHT  | 45-18-08.000N<br>085-14-44.200W | FI W 4s               |               |              | On floating breakwall.   | Private aid.   |
| 17995  | - LIGHT  | 45-18-08.000N<br>085-14-44.200W | FI W 4s               |               |              | On floating breakwall.   | Private aid.   |

| (1)<br>No.   | (2)<br>Name and Location                  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure             | (8)<br>Remarks   |
|--|---|---------------------------------|-----------------------|---------------|--------------|------------------------------|--|
| <b>LAKE MICHIGAN</b>   |   |                                 |                       |               |              |                              |  |
| <b>LAKE CHARLEVOIX (Chart 14942)</b>                           |   |                                 |                       |               |              |                              |  |
| <b>Charlevoix</b>  |   |                                 |                       |               |              |                              |  |
| <b>Charlevoix Floating Breakwall</b>                           |   |                                 |                       |               |              |                              |  |
| <i>Lights maintained from Apr. 1 to Nov. 1.</i>                |   |                                 |                       |               |              |                              |  |
| 18000  | - LIGHT                                   | 45-18-08.000N<br>085-14-44.200W | FI W 4s               |               |              | On floating<br>breakwall.    | Private aid.   |
| 18005  | - LIGHT                                   | 45-18-08.000N<br>085-14-44.200W | FI W 4s               |               |              | On floating<br>breakwall.    | Private aid.   |
| <b>Charlevoix</b>  |   |                                 |                       |               |              |                              |  |
| 18010  | IRISH BOAT SHOP STOVER<br>ROAD LIGHT 2    | 45-18-07.000N<br>085-14-45.000W | Oc R 4s               | 12<br>4       |              | On post.                     | Private aid.   |
| 18015  | IRISH BOAT SHOP STOVER<br>ROAD LIGHT 1    | 45-18-07.000N<br>085-14-45.000W | F G                   | 12<br>4       |              | On post.                     | Private aid.   |
| 18020  | IRISH BOAT SHOP FERRY<br>AVENUE LIGHT 2   | 45-18-19.980N<br>085-14-44.760W | FI R 4s               | 4<br>1        |              | On post.                     | Maintained from May 1 to Nov 1.<br><br>Private aid.    |
| 18025  | IRISH BOAT SHOP FERRY<br>AVENUE LIGHT 1   | 45-18-31.000N<br>084-14-45.500W | FI G 2.5s             | 4<br>1        |              | On post.                     | Maintained from May 1 to Nov 1.<br><br>Private aid.    |
| 18036  | PINE LAKE CLUB MARINA<br>ENTRANCE LIGHT 1 | 45-17-39.200N<br>085-14-35.500W | FI G 2.5s             | 8<br>2        |              | SG on post.                  | Maintained from May 1 to Nov .<br>1.<br>Private aid.   |
| 18037  | PINE LAKE CLUB MARINA<br>ENTRANCE LIGHT 2 | 45-17-39.000N<br>085-14-36.800W | F R                   | 8<br>2        |              | TR on post.                  | Maintained from May 1 to Nov .<br>1.<br>Private aid.   |
| 18040  | OYSTER BAY MARINA LIGHT<br>2              | 45-18-58.900N<br>085-12-18.000W | F R                   | 12<br>4       |              | TR on pile.                  | Maintained from Apr. 1 to Dec.<br>1.<br>Private aid.   |
| 18045  | OYSTER BAY MARINA LIGHT<br>1              | 45-18-59.100N<br>085-12-18.000W | F G                   | 12<br>4       |              | SG on pile.                  | Maintained from Apr. 1 to Dec.<br>1.<br>Private aid.   |
| 18046  | Old Lumber Crane Crib Buoy                | 45-19-06.000N<br>085-14-25.200W |                       |               |              | White with orange<br>bands.  | Maintained from May 10 to Oct.<br>30.<br>Private aid.  |
| <b>Haters Dock</b>   |   |                                 |                       |               |              |                              |  |
| <i>Lights maintained from May 15 to Oct. 15.</i>               |   |                                 |                       |               |              |                              |  |
| 18050  | - LIGHT 2                                 | 45-14-52.000N<br>085-10-43.000W | F R                   | 7<br>2        |              | On pile.                     | Private aid.   |
| 18055  | - LIGHT 4                                 | 45-14-51.200N<br>085-10-42.500W | F R                   | 7<br>2        |              | On pile.                     | Private aid.   |
| 18060  | - LIGHT 6                                 | 45-14-19.200N<br>085-10-21.900W | F R                   | 9<br>3        |              | On post.                     | Private aid.   |
| 18065  | - LIGHT 8                                 | 45-14-18.200N<br>085-10-22.000W | F R                   | 9<br>3        |              | On post.                     | Private aid.   |
| 18067  | <i>Horse Point Lighted Buoy 3</i>         | 45-13-49.860N<br>085-03-42.906W | FI G 4s               |               | 3            | Green.                       | Maintained from Apr. 14 to Nov .<br>14.                |
| <b>Boyne City</b>  |   |                                 |                       |               |              |                              |  |
| <b>Harborage Marina</b>  |   |                                 |                       |               |              |                              |  |
| <i>Lights maintained from Apr. 1 to Dec. 1.</i>                |   |                                 |                       |               |              |                              |  |
| 18070  | - WEST ENTRANCE LIGHT 2                   | 45-12-37.500N<br>085-01-21.000W | Q R                   | 10<br>3       |              | TR on pile.                  | Private aid.   |
| 18075  | - WEST ENTRANCE LIGHT 1                   | 45-12-38.500N<br>085-01-19.000W | Q G                   | 10<br>3       |              | SG on post.                  | Private aid.   |
| 18080  | - EAST BREAKWATER LIGHT                   | 45-12-42.000N<br>085-01-14.000W | Q W                   | 10<br>3       |              | NW on post<br>worded DANGER. | Private aid.   |
| 18085  | - EAST ENTRANCE LIGHT 2                   | 45-12-45.000N<br>085-01-10.000W | Q R                   | 10<br>3       |              | TR on post.                  | Private aid.   |
| 18090  | - EAST ENTRANCE LIGHT 1                   | 45-12-43.000N<br>085-01-08.000W | Q G                   | 10<br>3       |              | SG on post.                  | Private aid.   |
| <b>GRAND TRAVERSE BAY TO LITTLE TRAVERSE BAY (Chart 14913)</b> |   |                                 |                       |               |              |                              |  |
| 18095  | MEDUSA CHANNEL<br>BREAKWATER LIGHT        | 45-19-09.000N<br>085-17-25.000W | FI R 4s               | 24<br>7       |              | On gray pile.                | Maintained from Apr. 15 to Dec.<br>15.<br>Private aid. |

| (1)<br>No.   | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic          | (5)<br>Height | (6)<br>Range | (7)<br>Structure            | (8)<br>Remarks  |
|--|--|---------------------------------|--------------------------------|---------------|--------------|-----------------------------|---|
| <b>LAKE MICHIGAN</b>   |  |                                 |                                |               |              |                             |   |
| <b>GRAND TRAVERSE BAY TO LITTLE TRAVERSE BAY (Chart 14913)</b> |  |                                 |                                |               |              |                             |   |
| 18100  | <i>South Point Lighted Bell Buoy 2</i><br>Marks shoal.                   | 45-19-35.597N<br>085-17-59.367W | FI R 4s                        |               | 4            | Red.                        | Replaced by nun f from Nov. 14 to May. 01.                                      |
| <b>Grand Traverse Bay</b>                                      |  |                                 |                                |               |              |                             |   |
| 18105  | Fisherman Island Shoal Buoy 1  | 45-17-51.217N<br>085-22-10.871W |                                |               |              | Green can.                  |   |
| 18110  | <b>Grand Traverse Light</b>  | 45-12-37.740N<br>085-33-01.110W | FI W 6s                        | 50<br>15      | 14           | NR on skeleton tower.<br>50 | The light is visible from 260 to 065 degrees true                               |
| 18115  | - <i>Shoal Lighted Bell Buoy 3</i><br>Marks northwest side of shoal.     | 45-08-07.800N<br>085-26-12.000W | FI G 4s                        |               | 4            | Green.                      | Replaced by can f from Nov. 14 to May. 01.                                      |
| 18120  | <i>Northport Point Lighted Bell Buoy 2</i><br>Marks south side of shoal. | 45-07-44.799N<br>085-33-12.503W | FI R 4s                        |               | 4            | Red.                        | Replaced by nun f from Nov. 14 to May. 01.                                      |
| 18125  | Northport Bay Shoal Buoy 4<br>Marks southeast side of shoal.             | 45-07-44.954N<br>085-33-58.825W |                                |               |              | Red nun.                    |   |
| 18130  | Northport Bay Shoal Buoy 6<br>Marks southwest side of shoal.             | 45-07-40.897N<br>085-35-09.503W |                                |               |              | Red nun.                    |   |
| 18135  | NORTHPORT WEST LIGHT 2   | 45-07-48.800N<br>085-36-40.700W | Q R                            | 18<br>5       |              | TR on post.                 | Visible from 090° to 135°.<br>Maintained from May 15 to Dec. 1.<br>Private aid. |
| 18140  | NORTHPORT EAST LIGHT 1   | 45-07-48.000N<br>085-36-39.000W | Q G                            | 18<br>5       |              | SG on post.                 | Maintained from May 15 to Dec. 1.<br>Private aid.                               |
| 18145  | MISSION POINT LIGHT  | 45-01-05.630N<br>085-30-21.700W | FI W 6s                        | 41<br>13      | 6            | White cylindrical tower.    |   |
| 18150  | Omena Buoy 2   | 45-02-04.000N<br>085-34-19.000W |                                |               |              | Red nun.                    | Maintained from May 1 to Oct. 1.<br>Private aid.                                |
| 18152  | ARTHUR DUHAMEL MARINA LIGHT 1  | 45-01-56.100N<br>085-35-51.000W | FI G 2.5s                      | 23<br>7       |              |                             | Private aid.  |
| 18153  | ARTHUR DUHAMEL MARINA LIGHT 2  | 45-01-57.000N<br>085-35-55.020W | FI R 2.5s                      | 23<br>7       |              |                             | Private aid.  |
| <b>Elk Rapids</b>  |  |                                 |                                |               |              |                             |   |
| 18155  | - <i>Lighted Buoy 1</i>  | 44-54-09.500N<br>085-25-04.800W | FI G 2.5s                      |               |              | Green.                      | Maintained from May 15 to Oct. 15.<br>Private aid.                              |
| 18157  | - <i>Lighted Buoy 2</i>  | 44-54-08.800N<br>085-25-06.100W | FI R 2.5s                      |               |              | Red.                        | Maintained from May 15 to Oct. 15.<br>Private aid.                              |
| 18160  | - BREAKWATER LIGHT 3   | 44-54-07.100N<br>085-25-03.100W | FI G 4s                        | 16<br>5       |              | SG on pile.                 | Maintained from May 15 to Oct. 15.<br>Private aid.                              |
| 18162  | - BREAKWATER LIGHT 4   | 44-54-06.600N<br>085-25-05.000W | FI R 4s                        | 14<br>4       |              | TR on pile.                 | Maintained from May 15 to Oct. 15.<br>Private aid.                              |
| 18165  | - Buoy 6   | 44-54-04.300N<br>085-25-03.400W |                                |               |              | Red nun.                    | Maintained from May 15 to Oct. 15.<br>Private aid.                              |
| 18167  | - Buoy 8   | 44-54-03.000N<br>085-25-03.000W |                                |               |              | Red nun.                    | Maintained from May 15 to Oct. 15.<br>Private aid.                              |
| 18170  | - RANGE FRONT LIGHT  | 44-54-02.000N<br>085-25-01.800W | F R<br>(NIGHT)<br>F W<br>(DAY) | 16<br>5       |              | KWR on black post.          | Maintained from May 15 to Oct. 15.<br>Private aid.                              |
| 18175  | - REAR RANGE LIGHT<br>490 feet, 159.5° from front light.                 | 44-53-57.100N<br>085-24-59.700W | F R<br>(NIGHT)<br>F W<br>(DAY) | 24<br>7       |              | KWR on black post.          | Maintained from May 15 to Oct. 15.<br>Private aid.                              |

| (1)<br>No.   | (2)<br>Name and Location                                 | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                | (8)<br>Remarks                                       |
|--|--|---------------------------------|-----------------------|---------------|--------------|---------------------------------|--|
| <b>LAKE MICHIGAN</b>   |  |                                 |                       |               |              |                                 |  |
| <b>GRAND TRAVERSE BAY TO LITTLE TRAVERSE BAY (Chart 14913)</b> |  |                                 |                       |               |              |                                 |  |
| 18180  | EAST BAY HARBOR NORTH<br>BREAKWATER LIGHT                | 44-46-02.500N<br>085-30-25.000W | Q G                   | 8<br>2        |              | On post.                        | Maintained from May 1 to Nov. 1.<br>Private aid.     |
| 18185  | EAST BAY HARBOR SOUTH<br>BREAKWATER LIGHT                | 44-46-00.000N<br>085-30-25.000W | FI R 5s               | 8<br>2        |              | On post.                        | Maintained from May 1 to Nov. 1.<br>Private aid.     |
| <b>Grand Traverse Bay</b>                                      |  |                                 |                       |               |              |                                 |  |
| 18186  | <i>West Grand Traverse Bay<br/>Research Lighted Buoy</i> | 45-11-02.000N<br>085-27-09.000W | Q Y                   |               |              | Orange Research<br>Buoy w/mast. | Maintained from APR 01 TO<br>NOV 30.<br>Private aid. |
| 18187  | - <i>Research Lighted Buoy</i>                           | 45-04-00.000N<br>085-29-50.000W | Q Y                   |               |              | Yellow Research<br>Buoy w/mast  | Maintained from APR 01 TO<br>NOV 30.<br>Private aid. |
| <b>Suttons Bay</b>   |  |                                 |                       |               |              |                                 |  |
| 18190  | - YACHT CLUB BASIN<br>LIGHT 2                            | 44-59-00.300N<br>085-38-28.000W | FI R 2.5s             | 20<br>6       |              | TR on post.                     | Maintained from May 15 to Oct. 15.<br>Private aid.   |
| 18195  | - YACHT BASIN<br>OBSTRUCTION LIGHT                       | 44-59-00.300N<br>085-38-28.000W | FI W 2.5s             | 20<br>6       |              | NW on post<br>worded DANGER.    | Maintained from May 15 to Oct. 15.<br>Private aid.   |
| 18200  | - Yacht Club Entrance Buoy 3                             | 44-59-00.300N<br>085-38-28.000W |                       |               |              | Green can.                      | Maintained from May 15 to Oct. 15.<br>Private aid.   |
| 18205  | - Municipal Entrance Buoy 2S                             | 44-58-33.900N<br>085-38-41.000W |                       |               |              | Red nun.                        | Maintained from May 1 to Nov. 1.<br>Private aid.     |
| 18210  | - Municipal Entrance Buoy 3                              | 44-58-31.200N<br>085-38-43.200W |                       |               |              | Green can.                      | Maintained from May 1 to Nov. 1.<br>Private aid.     |
| 18215  | - Municipal Entrance Buoy 4                              | 44-58-32.100N<br>085-38-42.000W |                       |               |              | Red nun.                        | Maintained from May 1 to Nov. 1.<br>Private aid.     |
| 18220  | - MUNICIPAL DOCK LIGHT 6                                 | 44-58-33.000N<br>085-38-43.500W | Q R                   | 17<br>5       |              | TR on white post.               | Maintained from May 1 to Nov. 30.<br>Private aid.    |
| 18225  | - MUNICIPAL DOCK LIGHT 7                                 | 44-58-30.800N<br>085-38-44.200W | Q G                   | 17<br>5       |              | SG on white post.               | Maintained from May 1 to Nov. 1.<br>Private aid.     |
| 18230  | - Municipal Entrance Buoy 9                              | 44-58-32.300N<br>085-38-45.500W |                       |               |              | Green can.                      | Maintained from May 1 to Nov. 1.<br>Private aid.     |
| 18235  | - Buoy 1<br>Marks north side of shoal.                   | 44-59-50.933N<br>085-36-03.768W |                       |               |              | Green can.                      |  |
| <b>West Arm</b>  |  |                                 |                       |               |              |                                 |  |
| 18240  | - <i>Lighted Bell Buoy 4</i><br>Marks shoal.             | 44-56-02.225N<br>085-35-29.497W | FI R 4s               |               | 4            | Red.                            | Maintained from May . 01 to Nov. 14.                 |
| 18245  | - Buoy 6<br>Marks south side of shoal.                   | 44-53-14.700N<br>085-36-21.500W |                       |               |              | Red nun.                        |  |
| 18250  | Tucker Point Shoal Buoy 1<br>Marks south side of shoal.  | 44-52-50.884N<br>085-33-36.681W |                       |               |              | Green can.                      |  |
| 18255  | Marion Island Shoal Buoy 2<br>Marks north side of shoal. | 44-52-34.800N<br>085-33-54.000W |                       |               |              | Red nun.                        |  |
| 18260  | - Buoy 7<br>Marks wreck.                                 | 44-51-14.754N<br>085-35-48.685W |                       |               |              | Green can.                      |  |
| 18265  | - <i>Lighted Buoy 8</i>                                  | 44-47-33.437N<br>085-37-23.600W | FI R 4s               |               | 5            | Red.                            | Replaced by nun from Nov. 14<br>to May . 01.         |
| <b>Traverse City</b>   |  |                                 |                       |               |              |                                 |  |
| 18270  | - BREAKWATER LIGHT                                       | 44-47-18.230N<br>085-38-00.000W | FI R 2.5s             | 40<br>12      | 5            | TR on tube.                     |  |
| 18275  | - WEST BREAKWATER<br>LIGHT 1                             | 44-47-18.980N<br>085-38-03.060W | FI G 4s               | 24<br>7       | 4            | SG on white pile.               |  |



| (1)<br>No.   | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure         | (8)<br>Remarks   |
|--|---|---------------------------------|-----------------------|---------------|--------------|--------------------------|--|
| <b>LAKE MICHIGAN</b>   |   |                                 |                       |               |              |                          |  |
| <b>GRAND TRAVERSE BAY TO LITTLE TRAVERSE BAY (Chart 14913)</b> |   |                                 |                       |               |              |                          |  |
| <b>Traverse City</b>   |   |                                 |                       |               |              |                          |  |
| 18280  | ZEPHYR COMPANY LIGHT  | 44-46-58.000N<br>085-38-10.000W | F G                   | 20<br>6       |              |                          | Private aid.   |
| 18285  | TOTAL PETRO LIGHT   | 44-46-54.000N<br>085-38-12.000W | F G                   | 15<br>5       |              | On pile.                 | Operated only for the arrival and departure of tankers.<br>Private aid.                                      |
| 18290  | DUNCAN L CLINCH YACHT HARBOR LIGHT                                      | 44-46-03.780N<br>085-37-19.890W | Q G                   | 22<br>7       |              | SG on pile.              | Maintained from May 1 to Nov 1.<br><br>Private aid.  |
| 18291  | DUNCAN L. CLINCH YACHT CLUB LIGHT 2                                     | 44-46-06.000N<br>085-37-18.800W | FI R 2.5s             | 22<br>7       |              | TR on pile.              | Maintained from May 1 to Nov 1.<br><br>Private aid.  |
| 18295  | BOARDMAN RIVER WEST PIERHEAD LIGHTS (2)                                 | 44-45-56.300N<br>085-36-43.500W | F R                   | 20<br>6       |              | On black poles.          | Private aid.   |
| 18300  | GREAT LAKES MARITIME ACADEMY WEST PIER LIGHT                            | 44-46-30.000N<br>085-36-30.000W | FI G 15s              | 13<br>4       |              | On Black Tripod tower.   | Private aid.   |
| 18305  | GREAT LAKES MARITIME ACADEMY EAST PIER LIGHT                            | 44-46-00.000N<br>085-36-18.000W | Q R                   | 13<br>4       |              | On pile.                 | Private aid.   |
| <b>PLATTE BAY TO LELAND (Chart 14912)</b>                      |   |                                 |                       |               |              |                          |  |
| 18310  | NOAA Lighted Weather Buoy 45002   | 45-20-39.240N<br>086-24-41.081W | FI (4)Y 20s           |               |              | Yellow disc-shaped hull. | Maintained from Apr. 21 to Nov. 1.<br><br>Aid maintained by National Oceanic and Atmospheric Administration. |
| 18315  | South Fox Island Shoals Buoy 3  | 45-17-27.217N<br>085-50-56.578W |                       |               |              | Green can.               |  |
| 18320  | South Fox Island Shoals Buoy 4  | 45-18-34.442N<br>085-50-40.321W |                       |               |              | Red nun.                 |  |
| 18325  | South Fox Island Shoals Buoy 2  | 45-14-50.259N<br>085-50-13.502W |                       |               |              | Red nun.                 |  |
| 18327  | NORTH MANITOU ISLAND PIER LIGHT 2                                       | 45-07-13.800N<br>085-58-24.300W | FI R 4s               | 20<br>6       |              | TR on post.              | Maintained from May 15 to Oct. 30.<br>Private aid.   |
| 18328  | NORTH MANITOU ISLAND PIER LIGHT 4                                       | 45-07-21.000N<br>085-58-22.000W | FI R 4s               | 20<br>6       |              | TR on post.              | Maintained from May 15 to Oct. 30.<br>Private aid.   |
| 18330  | LELAND HARBOR LIGHT 1   | 45-01-26.670N<br>085-45-51.780W | FI G 2.5s             | 25<br>8       | 6            | SG on post.              |  |
| 18335  | LELAND HARBOR LIGHT 2   | 45-01-27.760N<br>085-45-48.480W | FI R 4s               | 25<br>8       | 4            | TR on post.              |  |
| 18340  | <b>North Manitou Shoal Light</b><br>Marks south side of shoal.          | 45-01-15.596N<br>085-57-25.685W | FI R 15s              | 79<br>24      | 14           |                          | RACON: N ( - . )<br>HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). Standby light of reduced intensity     |
| 18350  | <i>Pyramid Point Shoal Lighted Buoy 5</i><br>Marks north side of shoal. | 45-00-00.280N<br>085-55-37.429W | FI G 4s               |               | 5            | Green.                   | Replaced by can from Nov. 14 to Apr. 21.   |
| 18355  | North Manitou Shoal Southwest End Buoy 6                                | 45-00-17.109N<br>086-00-17.854W |                       |               |              | Red nun.                 |  |
| 18357  | <b>South Manitou Island Lighthouse</b>                                  | 45-00-27.654N<br>086-05-37.620W | F W                   | 54<br>16      |              | 104                      | Private aid.   |
| 18360  | <i>South Manitou Island Shoal Lighted Gong Buoy 8</i>                   | 44-57-26.375N<br>086-10-02.852W | FI R 4s               |               | 4            | Red.                     | Replaced by nun from Nov. 14 to Apr. 21.   |
| 18365  | <i>Sleeping Bear Lighted Bell Buoy 7</i>                                | 44-54-04.979N<br>086-09-57.350W | FI G 4s               |               | 5            | Green.                   | Replaced by can from Nov. 14 to Apr. 21.   |
| 18366  | <b>Manning Light</b>  | 44-48-48.000N<br>086-03-58.000W | FI W 4s               | 38<br>12      |              | White circular tower.    | Maintained from Apr. 15 to Nov. 15.<br>Private aid.  |

| (1)<br>No.                                      | (2)<br>Name and Location                                      | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                               | (8)<br>Remarks   |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>LAKE MICHIGAN</b>                            |   |                                 |                       |               |              |  |  |
| <b>STONY LAKE TO POINT BETSIE (Chart 14907)</b> |   |                                 |                       |               |              |  |  |
| 18370   | <b>Point Betsie Light</b>                                     | 44-41-28.531N<br>086-15-18.758W | Fl W 10s              | 52<br>16      | 19           | 52   |  |
| <b>Frankfort</b>                                |   |                                 |                       |               |              |  |  |
| 18375   | - <b>North Breakwater Light</b>                               | 44-37-51.127N<br>086-15-07.708W | F W                   | 72<br>22      | 16           | White square<br>pyramidal tower.<br>72         | HORN: 1 blast ev 30s (3s bl)<br>operates by keying microphone<br>five times on VHF FM marine<br>CH 83A           |
| 18385   | - SOUTH BREAKWATER<br>LIGHT                                   | 44-37-46.028N<br>086-15-08.131W | Fl R 4s               | 46<br>14      | 8            | White cylindrical<br>tower with red<br>band.   |  |
| 18390   | - NORTH PIERHEAD LIGHT  | 44-37-47.690N<br>086-14-49.225W | Fl G 2.5s             | 31<br>9       | 4            | SG on post.                                    |  |
| 18395   | - SOUTH PIERHEAD LIGHT  | 44-37-45.101N<br>086-14-44.462W | Fl R 6s               | 30<br>9       | 4            | TR on post.                                    |  |
| 18405   | ARCADIA HARBOR LIGHT 1  | 44-29-01.113N<br>086-14-58.125W | Fl G 4s               | 30<br>9       | 4            | SG on post.                                    |  |
| 18410   | ARCADIA HARBOR LIGHT 2  | 44-28-59.043N<br>086-15-01.580W | Fl R 2.5s             | 30<br>9       | 4            | White cylindrical<br>tower with red<br>band.   |  |
| <b>Portage Lake</b>                             |   |                                 |                       |               |              |  |  |
| 18415   | - NORTH PIERHEAD LIGHT  | 44-21-37.470N<br>086-16-04.940W | Fl G 4s               | 32<br>10      | 5            | White cylindrical<br>tower with green<br>band. | HORN: 1 blast ev 15s (2s bl)<br>operat the fog signal by keying<br>VHF FM marine radio 5 times on<br>channel 83A |
| 18420   | - SOUTH PIERHEAD LIGHT  | 44-21-33.737N<br>086-16-07.174W | Fl R 4s               | 27<br>8       | 6            |  |  |
| 18425   | - INNER LIGHT   | 44-21-30.905N<br>086-15-36.086W | Fl R 6s               | 27<br>8       | 4            | TR on post.                                    |  |
| 18427   | - <i>Lighted Buoy 3</i><br>Marks shoal.                       | 44-21-37.000N<br>086-14-37.000W | Fl G 4s               |               | 3            | Green.   | Maintained from Apr. 14 to Oct.<br>14.   |
| <b>MANISTEE HARBOR (Chart 14938)</b>            |   |                                 |                       |               |              |  |  |
| <b>Manistee</b>                                 |   |                                 |                       |               |              |  |  |
| 18450   | - <b>North Pierhead Light</b>                                 | 44-15-06.502N<br>086-20-48.695W | Fl G 6s               | 55<br>17      | 12           | White cylindrical<br>tower.<br>55              | HORN: 1 blast ev 15s (2s bl).<br>Fog signal operates by keying<br>the microphone five times on<br>VHF-FM CH 83A. |
| 18460   | - SOUTH BREAKWATER<br>LIGHT                                   | 44-15-05.276N<br>086-20-59.613W | Fl R 4s               | 33<br>10      | 5            | White cylindrical<br>tower, with red<br>band.  |  |
| 18465   | - SOUTH PIERHEAD LIGHT  | 44-15-00.363N<br>086-20-39.878W | Iso R 6s              | 29<br>9       | 4            | TR on pole.                                    |  |
| <b>Manistee Lake</b>                            |   |                                 |                       |               |              |  |  |
| 18480   | - <i>Lighted Buoy 2</i>                                       | 44-15-11.350N<br>086-18-47.000W | Fl R 2.5s             |               | 3            | Red.   | Maintained from May 14 to Oct.<br>14.  |
| 18483   | - Buoy 3  | 44-15-11.198N<br>086-18-38.319W |                       |               |              | Green can.                                     |  |
| 18490   | - <i>Obstruction Lighted Buoy A</i><br>Marks submerged ruins. | 44-14-54.500N<br>086-18-37.000W | Fl R 2.5s             |               |              |  | Maintained from May 1 to Oct.<br>31.<br>Private aid.   |
| 18495   | - Buoy 5  | 44-15-04.588N<br>086-18-28.417W |                       |               |              | Green can.                                     |  |
| 18497   | - Buoy 7  | 44-14-55.040N<br>086-18-20.210W |                       |               |              | Green can.                                     |  |
| 18500   | - Buoy 9  | 44-14-37.333N<br>086-18-14.629W |                       |               |              | Green can.                                     |  |
| 18505   | - Buoy 10   | 44-14-30.911N<br>086-18-16.409W |                       |               |              | Red nun.                                       |  |
| 18510   | - Buoy 12   | 44-14-23.756N<br>086-18-14.591W |                       |               |              | Red nun.                                       |  |

| (1)<br>No.  | (2)<br>Name and Location                 | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE MICHIGAN</b>  |  |                                 |                       |               |              |   |   |
| <b>MANISTEE HARBOR (Chart 14938)</b>  |  |                                 |                       |               |              |   |   |
| <b>Manistee Lake</b>  |  |                                 |                       |               |              |   |   |
| 18515   | - Buoy 13                                | 44-14-14.961N<br>086-18-09.389W |                       |               |              | Green can.  |   |
| 18520   | - Buoy 14                                | 44-13-56.871N<br>086-17-59.758W |                       |               |              | Red nun.  |   |
| <b>STONY LAKE TO POINT BETSIE (Chart 14907)</b>   |  |                                 |                       |               |              |   |   |
| 18525   | BIG SABLE LIGHT                          | 44-03-27.839N<br>086-30-51.572W | F W                   | 106<br>32     | 9            | White conical tower with top and middle third black with dwelling attached. | Obscured from 238° to 346°.   |
| <b>LUDINGTON HARBOR (Chart 14937)</b>   |  |                                 |                       |               |              |   |   |
| <b>Ludington</b>  |  |                                 |                       |               |              |   |   |
| 18530   | - NORTH BREAKWATER LIGHT                 | 43-57-13.002N<br>086-28-09.737W | Iso G 6s              | 55<br>17      | 8            |   | HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates by keying microphone five times on VHF-FM CH 83A |
| 18540   | - NORTH PIERHEAD LIGHT                   | 43-57-10.562N<br>086-27-45.031W | FI G 4s               | 26<br>8       | 5            | SG on white column.   |   |
| 18550   | - INNER BREAKWATER SOUTH LIGHT           | 43-57-14.400N<br>086-27-45.000W | Q W                   | 16<br>5       |              | On steel pile.  | Maintained from Apr. 1 to Nov. 15.<br>Private aid.  |
| 18555   | - SOUTH BREAKWATER LIGHT                 | 43-57-06.756N<br>086-28-08.844W | FI R 2.5s             | 30<br>9       | 6            | White cylindrical tower with red band.                                      |   |
| 18560   | - SOUTH PIERHEAD LIGHT 6                 | 43-57-05.650N<br>086-27-36.100W | FI R 4s               | 30<br>9       | 5            | TR on post.   |   |
| <b>Pere Marquette Lake</b>  |  |                                 |                       |               |              |   |   |
| 18565   | - Lighted Buoy 1                         | 43-56-43.698N<br>086-26-48.868W | FI G 2.5s             |               | 4            | Green.  | Maintained from May 14 to Oct. 14.  |
| 18570   | - Buoy 3                                 | 43-56-45.618N<br>086-26-38.548W |                       |               |              | Green can.  | Maintained from May 14 to Oct. 14.  |
| 18575   | - Buoy 5                                 | 43-56-46.488N<br>086-26-35.148W |                       |               |              | Green can.  | Maintained from May 14 to Oct. 14.  |
| 18580   | - West Buoy 2<br>Marks submerged piling. | 43-56-31.508N<br>086-26-57.948W |                       |               |              | Red nun.  | Maintained from May 14 to Oct. 14.  |
| <b>STONY LAKE TO POINT BETSIE (Chart 14907)</b>   |  |                                 |                       |               |              |   |   |
| <b>Consumer Power Company</b>   |  |                                 |                       |               |              |   |   |
| <i>Buoys maintained from Apr. 15 to Oct. 15. Buoys are located 230 feet apart, 100 feet off breakwall and lighted buoys mark submerged net.</i> |  |                                 |                       |               |              |   |   |
| 18585   | - Lighted Obstruction Buoy A             | 43-54-25.000N<br>086-27-38.000W | Q W                   |               |              | White with orange diamond.  | Private aid.  |
| 18590   | - Lighted Obstruction Buoy B             | 43-54-15.000N<br>086-27-38.000W | Q W                   |               |              | White with orange diamond.  | Private aid.  |
| 18595   | - Lighted Obstruction Buoy C             | 43-53-58.000N<br>086-27-54.000W | Q W                   |               |              | White with orange diamond.  | Private aid.  |
| 18600   | - Lighted Obstruction Buoy D             | 43-53-37.000N<br>086-27-59.000W | Q W                   |               |              | White with orange diamond.  | Private aid.  |
| 18605   | - Lighted Obstruction Buoy E             | 43-53-03.000N<br>086-27-58.000W | Q W                   |               |              | White with orange diamond.  | Private aid.  |
| 18610   | - Lighted Obstruction Buoy F             | 43-53-11.000N<br>086-27-32.000W | Q W                   |               |              | White with orange diamond.  | Private aid.  |
| 18615   | - Lighted Obstruction Buoy G             | 43-53-11.000N<br>086-27-06.000W | Q W                   |               |              | White with orange diamond.  | Private aid.  |
| <b>STONY LAKE TO POINT BETSIE (Chart 14907)</b>   |  |                                 |                       |               |              |   |   |
| 18617   | <i>Comanche Wreck Mooring Buoy</i>       | 43-50-15.180N<br>086-29-01.380W |                       |               |              |   | Private aid.  |
| <b>Pentwater</b>  |  |                                 |                       |               |              |   |   |
| 18620   | - NORTH PIERHEAD LIGHT 3                 | 43-46-56.353N<br>086-26-36.985W | FI G 2.5s             | 43<br>13      | 9            | White cylindrical tower with green band.                                    | HORN: 1 blast ev 15s (2s bl). Operates by keying microphone five times on VHF-FM CH 83A                     |

| (1)<br>No.                                      | (2)<br>Name and Location                    | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                         | (8)<br>Remarks   |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>LAKE MICHIGAN</b>                            |   |                                 |                       |               |              |  |  |
| <b>STONY LAKE TO POINT BETSIE (Chart 14907)</b> |   |                                 |                       |               |              |  |  |
| <b>Pentwater</b>                                |   |                                 |                       |               |              |  |  |
| 18630   | - SOUTH PIERHEAD LIGHT<br>4                 | 43-46-53.541N<br>086-26-38.892W | FI R 4s               | 48<br>15      | 4            | TR on red skeleton tower.                |  |
| 18633   | <i>Anna C. Minch Wreck Mooring Buoy</i>     | 43-45-42.060N<br>086-27-50.040W |                       |               |              |  | Private aid.   |
| <b>ALGOMA TO SHEBOYGAN (Chart 14903)</b>        |   |                                 |                       |               |              |  |  |
| <b>SOUTH HAVEN TO STONEY LAKE (Chart 14906)</b> |   |                                 |                       |               |              |  |  |
| <b>Muskegon</b>                                 |   |                                 |                       |               |              |  |  |
| 18647   | <i>GVSU AXYS Buoy</i>                       | 43-16-00.000N<br>086-32-00.000W | FI Y 20s              |               |              |  | Maintained from 1 Apr. to 1 Jan.<br>Private aid.   |
| 18647.5   | <i>GLERL M45Z</i>                           | 43-11-01.860N<br>086-29-38.880W | FI Y 4s               |               |              |  | Private aid.   |
| 18648   | <i>GLERL Muskegon</i>                       | 43-11-17.400N<br>086-20-38.400W | FI Y 4s               |               |              |  | Secured with two point mooring system, lighted spar buoys with same flash characteristics marking mooring locations.<br>Private aid. |
| 18649   | <i>State of Michigan Wreck Mooring Buoy</i> | 43-23-20.100N<br>086-27-51.060W |                       |               |              |  | Private aid.   |
| <b>LAKE MICHIGAN</b>                            |   |                                 |                       |               |              |  |  |
| <b>WHITE LAKE (Chart 14935)</b>                 |   |                                 |                       |               |              |  |  |
| <b>White Lake</b>                               |   |                                 |                       |               |              |  |  |
| 18650   | - NORTH PIERHEAD LIGHT<br>1                 | 43-22-31.730N<br>086-25-45.250W | FI G 6s               | 25<br>8       | 8            | White column with green band.            |  |
| 18655   | - SOUTH PIERHEAD LIGHT<br>2                 | 43-22-29.670N<br>086-25-46.410W | FI R 4s               | 33<br>10      | 5            | TR on post.                              |  |
| 18660   | - PIERHEAD INNER LIGHT 4                    | 43-22-30.070N<br>086-25-20.460W | FI R 2.5s             | 30<br>9       | 4            | TR on post.                              |  |
| 18665   | - <i>Lighted Buoy 5</i>                     | 43-22-30.000N<br>086-25-10.000W | FI G 2.5s             |               | 3            | Green.                                   | Maintained from Apr. 21 to Nov. 14.  |
| 18670   | - <i>Lighted Buoy 7</i>                     | 43-22-28.122N<br>086-25-03.137W | FI G 4s               |               | 3            | Green.                                   | Maintained from Apr. 21 to Nov. 14.  |
| 18675   | - <i>Lighted Buoy 9</i>                     | 43-22-32.590N<br>086-23-42.916W | FI G 2.5s             |               | 3            | Green.                                   | Maintained from Apr. 21 to Nov. 14.  |
| 18680   | - <i>Lighted Buoy 11</i>                    | 43-23-04.012N<br>086-22-41.042W | FI G 6s               |               | 3            | Green.                                   | Maintained from Apr. 21 to Nov. 14.  |
| 18685   | - <i>Lighted Buoy 12</i>                    | 43-23-32.979N<br>086-21-59.862W | FI R 4s               |               | 3            | Red.                                     | Maintained from Apr. 21 to Nov. 14.  |
| 18690   | - LIGHT 14                                  | 43-24-05.849N<br>086-21-18.482W | FI R 2.5s             | 12<br>4       | 4            | TR on pile.                              |  |
| 18695   | - LIGHT 15                                  | 43-24-13.685N<br>086-21-16.616W | FI G 4s               | 12<br>4       | 4            | SG on pile.                              |  |
| <b>MUSKEGON LAKE (Chart 14934)</b>              |   |                                 |                       |               |              |  |  |
| <b>Muskegon</b>                                 |   |                                 |                       |               |              |  |  |
| 18705   | - SOUTH BREAKWATER LIGHT                    | 43-13-26.697N<br>086-20-48.804W | Iso R 6s              | 70<br>21      | 8            | Pyramidal tower.                         | HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). Fog signal operates by keying the microphone five times on VHF-FM CH 83A           |
| 18710   | - SOUTH PIERHEAD LIGHT                      | 43-13-35.951N<br>086-20-28.544W | FI R 4s               | 50<br>15      | 6            | Conical tower.                           |  |
| 18720   | - NORTH BREAKWATER LIGHT                    | 43-13-31.839N<br>086-20-52.946W | FI G 4s               | 34<br>10      | 4            | White cylindrical tower with green band. |  |
| 18725   | - NORTH PIER OUTER LIGHT                    | 43-13-39.309N<br>086-20-30.575W | FI G 6s               | 30<br>9       | 4            | SG on post.                              |  |

| (1)<br>No.  | (2)<br>Name and Location                       | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                       | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE MICHIGAN</b>                              |  |                                 |                       |               |              |  |   |
| <b>MUSKEGON LAKE (Chart 14934)</b>                |  |                                 |                       |               |              |  |   |
| <b>Muskegon</b>                                   |  |                                 |                       |               |              |  |   |
| 18730   | - NORTH PIER INNER LIGHT                       | 43-13-58.336N<br>086-19-40.243W | FI G 4s               | 30<br>9       | 4            | SG on post.                            |   |
| 18735   | - LAKE LIGHT                                   | 43-13-54.123N<br>086-19-38.300W | FI R 2.5s             | 28<br>9       | 4            | White cylindrical tower with red band. |   |
| 18740   | HARBOUR TOWNE ENTRANCE LIGHT 1                 | 43-13-42.700N<br>086-19-27.100W | F G                   | 8<br>2        |              | On tower.                              | Maintained f from Apr. 1 to Dec. 1.<br>Private aid.   |
| 18745   | HARBOUR TOWNE ENTRANCE LIGHT 2                 | 43-13-42.600N<br>086-19-28.100W | F R                   | 8<br>2        |              | On tower.                              | Maintained f from Apr. 1 to Dec. 1.<br>Private aid.   |
| 18750   | - <i>Lake Lighted Buoy 3</i>                   | 43-13-55.050N<br>086-18-04.217W | FI G 2.5s             |               | 4            | Green.                                 | Maintained f from Apr. 1 to Nov. 21.  |
| 18770   | BEAR LAKE ENTRANCE WEST LIGHT                  | 43-14-22.500N<br>086-17-52.320W | FI G 4s               | 8<br>2        |              | SB on piling.                          | Maintained f from Apr. 1 to Nov. 1.<br>Private aid.   |
| 18775   | BEAR LAKE ENTRANCE EAST LIGHT                  | 43-14-22.260N<br>086-17-50.640W | F R                   | 8<br>2        |              | TR on pile.                            | Maintained f from Apr. 1 to Nov. 1.<br>Private aid.   |
| 18780   | BEAR LAKE CHANNEL LIGHT 1                      | 43-14-42.000N<br>086-17-44.460W | Q G                   | 6<br>2        |              | SG on pile                             | Maintained f from Apr 1 to Nov 1.<br>Private aid.   |
| <b>Great Lakes Marina Entrance</b>                |  |                                 |                       |               |              |  |   |
| <i>Lights maintained from Apr. 15 to Dec. 12.</i> |  |                                 |                       |               |              |  |   |
| 18785   | - LIGHT 1                                      | 43-13-20.500N<br>086-17-38.100W | Q G                   | 10<br>3       |              | SG on pile.                            | Private aid.  |
| 18790   | - LIGHT 2                                      | 43-13-20.500N<br>086-17-40.100W | Q R                   | 11<br>3       |              | TR on pile.                            | Private aid.  |
| 18795   | - LIGHT 3                                      | 43-13-15.500N<br>086-17-38.100W | FI G 2.5s             | 10<br>3       |              | SG on pile.                            | Private aid.  |
| 18800   | - LIGHT 4                                      | 43-13-15.500N<br>086-17-40.100W | FI R 2.5s             | 11<br>3       |              | TR on pile.                            | Private aid.  |
| 18805   | - LIGHT 5                                      | 43-13-09.500N<br>086-17-38.100W | FI G 4s               | 10<br>3       |              | SG on pile.                            | Private aid.  |
| 18810   | - LIGHT 6                                      | 43-13-09.500N<br>086-17-40.100W | FI R 4s               | 10<br>3       |              | TR on pile.                            | Private aid.  |
| 18815   | BANK POINT LIGHT<br>Marks south side of shoal. | 43-13-49.500N<br>086-17-24.100W | FI G 4s               | 24<br>7       | 5            | SG on post on concrete pier.           |   |
| <b>Muskegon</b>                                   |  |                                 |                       |               |              |  |   |
| 18818   | GVSU Research Buoy                             | 43-14-17.660N<br>086-16-49.914W | FI Y 4s               |               |              |  | Secured with two point mooring system, spar buoys marking mooring locations.<br><br>Maintained f from Apr. 7 to Nov. 7.<br>Private aid. |
| 18819   | GVSU Bath 1                                    | 43-14-05.760N<br>086-17-01.200W |                       |               |              |  | Maintained f from 1 Apr. to 1 Jan.<br>Private aid.  |
| 18819.5   | GVSU Bath 2                                    | 43-14-01.860N<br>086-16-40.800W |                       |               |              |  | Maintained f from 1 Apr. to 1 Jan.<br>Private aid.  |
| <b>Lakeshore Yacht Club Channel</b>               |  |                                 |                       |               |              |  |   |
| <i>Aids maintained from Apr. 15 to Oct. 15.</i>   |  |                                 |                       |               |              |  |   |
| 18820   | - <i>Lighted Buoy 1</i>                        | 43-13-47.900N<br>086-16-46.200W | FI G 4s               |               |              | Green.                                 | Private aid.  |
| 18825   | - <i>Lighted Buoy 2</i>                        | 43-13-47.200N<br>086-16-48.100W | FI R 4s               |               |              | Red.                                   | Private aid.  |
| 18830   | - Buoy 3                                       | 43-13-46.500N<br>086-16-42.500W |                       |               |              | Green can.                             | Private aid.  |
| 18835   | - Buoy 4                                       | 43-13-45.500N<br>086-16-44.000W |                       |               |              | Red nun.                               | Private aid.  |

| (1)<br>No.                                       | (2)<br>Name and Location                                  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                  | (8)<br>Remarks  |
|--|---|---------------------------------|-----------------------|---------------|--------------|-----------------------------------|---|
| <b>LAKE MICHIGAN</b>                             |   |                                 |                       |               |              |                                   |   |
| <b>MUSKEGON LAKE (Chart 14934)</b>               |   |                                 |                       |               |              |                                   |   |
| <b>Lakeshore Yacht Club Channel</b>              |   |                                 |                       |               |              |                                   |   |
| <i>Aids maintained from Apr. 15 to Oct. 15.</i>  |   |                                 |                       |               |              |                                   |   |
| 18840  | - Buoy 5  | 43-13-44.900N<br>086-16-38.800W |                       |               |              | Green can.                        | Private aid.  |
| 18845  | - Buoy 6  | 43-13-44.000N<br>086-16-40.200W |                       |               |              | Red nun.                          | Private aid.  |
| 18850  | - Buoy 7  | 43-13-43.000N<br>086-16-34.500W |                       |               |              | Green can.                        | Private aid.  |
| 18855  | - Buoy 8  | 43-13-42.300N<br>086-16-36.500W |                       |               |              | Red nun.                          | Private aid.  |
| 18870  | - LIGHT 10  | 43-13-41.800N<br>086-16-34.800W | F R                   | 12<br>4       |              | TR on post.                       | Private aid.  |
| 18871  | - LIGHT 11  | 43-13-41.100N<br>086-16-33.000W | F G                   | 12<br>4       |              | SG on post.                       | Private aid.  |
| 18875  | MUSKEGON HARTSHORN<br>LIGHT<br>Marks north side of shoal. | 43-14-05.028N<br>086-16-32.862W | FI R 4s               | 15<br>5       | 3            | TR on column.                     |   |
| <b>Hartshorn Municipal Marina</b>                |   |                                 |                       |               |              |                                   |   |
| <i>Aids maintained from Apr. 15 to Oct. 15.</i>  |   |                                 |                       |               |              |                                   |   |
| 18881  | - Lighted Buoy 1  | 43-14-05.831N<br>086-16-06.258W | FI G 4s               |               |              | Green.                            | Private aid.  |
| 18882  | - Lighted Buoy 2  | 43-14-05.520N<br>086-16-08.772W | FI R 4s               |               |              | Red.                              | Private aid.  |
| 18883  | - Buoy 3  | 43-13-58.020N<br>086-16-01.608W |                       |               |              | Green can.                        | Private aid.  |
| 18884  | - Lighted Buoy 4  | 43-13-57.800N<br>086-16-03.720W | FI R 2s               |               |              | Red.                              | Private aid.  |
| 18885  | - LIGHT 5   | 43-13-52.600N<br>086-16-00.500W | Iso G 12s             | 15<br>5       |              | On tripod.                        | Private aid.  |
| 18890  | - LIGHT 6   | 43-13-51.700N<br>086-16-00.500W | Iso R 10s             | 15<br>5       |              | On tripod.                        | Private aid.  |
| 18895  | - BASIN LIGHT   | 43-43-47.000N<br>086-15-57.500W | F R                   | 18<br>5       |              | On pole.                          | Private aid.  |
| 18900  | Verplank Channel Buoy 2                                   | 43-14-41.658N<br>086-15-09.564W |                       |               |              |                                   | Private aid.  |
| 18905  | Verplank Channel Buoy 4                                   | 43-14-40.716N<br>086-15-03.828W |                       |               |              |                                   | Private aid.  |
| <b>Conservation Club Channel</b>                 |   |                                 |                       |               |              |                                   |   |
| <i>Aids maintained from May. 1 to Nov. 1.</i>    |   |                                 |                       |               |              |                                   |   |
| 18925  | - Lighted Buoy 1  | 43-15-27.600N<br>086-15-22.860W | FI G 2s               |               |              | Green.                            | Private aid.  |
| 18930  | - Lighted Buoy 2  | 43-15-27.240N<br>086-15-22.140W | FI R 2s               |               |              | Red.                              | Private aid.  |
| 18935  | - Lighted Buoy 3  | 43-15-29.640N<br>086-15-21.420W | Q G                   |               |              | Green.                            | Private aid.  |
| 18936  | - Buoy 3A   | 43-15-30.180N<br>086-15-21.300W |                       |               |              | Green can.                        | Private aid.  |
| 18940  | - Buoy 4  | 43-15-32.500N<br>086-15-13.200W |                       |               |              | Red nun.                          | Private aid.  |
| 18945  | - Dayboard 5  | 43-15-34.300N<br>086-15-15.000W |                       |               |              | SG on post.                       | Private aid.  |
| 18950  | - Buoy 6  | 43-15-31.320N<br>086-15-17.220W |                       |               |              | Red.                              | Private aid.  |
| <b>GRAND HAVEN AND GRAND RIVER (Chart 14933)</b> |   |                                 |                       |               |              |                                   |   |
| <b>Grand Haven</b>                               |   |                                 |                       |               |              |                                   |   |
| 18965  | - South Pierhead Entrance<br>Light                        | 43-03-24.910N<br>086-15-21.420W | FI R 10s              | 42<br>13      | 15           | Red fog signal<br>building.<br>42 | Fog Signal operates by keying<br>the microphone five times on<br>VHF-FM CH 83A.<br>HORN: 2 blasts ev 30s (2s bl-2s<br>si-2s bl-24s si). |
| 18975  | - SOUTH PIERHEAD INNER<br>LIGHT                           | 43-03-25.935N<br>086-15-13.631W | Oc R 4s               | 52<br>16      | 6            | Red cylindrical<br>tower.         |   |

| (1)<br>No.  | (2)<br>Name and Location          | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                               | (8)<br>Remarks                                       |
|---|-----------------------------------|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>LAKE MICHIGAN</b>                                    |                                   |                                 |                       |               |              |  |  |
| <b>GRAND HAVEN AND GRAND RIVER (Chart 14933)</b>        |                                   |                                 |                       |               |              |  |  |
| <b>Grand Haven</b>                                      |                                   |                                 |                       |               |              |  |  |
| 18980   | - NORTH PIERHEAD LIGHT<br>1       | 43-03-29.411N<br>086-15-21.205W | FI G 4s               | 36<br>11      | 6            | White cylindrical<br>tower with green<br>band. |  |
| <b>Grand River</b>                                      |                                   |                                 |                       |               |              |  |  |
| <i>Unlighted buoys maintained from May 1 to Nov. 1.</i> |                                   |                                 |                       |               |              |  |  |
| 18995   | - Lighted Buoy 3                  | 43-03-44.930N<br>086-14-17.332W | FI G 2.5s             |               | 3            | Green.   | Replaced by can f from Nov. 28<br>to April 1.        |
| 19000   | - Lighted Buoy 3A                 | 43-03-49.364N<br>086-14-12.992W | FI G 4s               |               | 3            | Green.   | Replaced by can f from Nov. 28<br>to April 1.        |
| 19005   | - Lighted Buoy 4                  | 43-04-15.695N<br>086-14-08.961W | FI R 4s               |               | 3            | Red.   | Replaced by nun f from Nov. 28<br>to April 1.        |
| 19010   | - Buoy 6                          | 43-04-26.736N<br>086-14-05.568W |                       |               |              |  | Maintained from Apr. 1 to Nov.<br>1.                 |
| 19015   | - Buoy 7                          | 43-04-35.400N<br>086-14-00.900W |                       |               |              | Green can.                                     | Maintained from Apr. 1 to Nov.<br>1.                 |
| 19020   | - Lighted Buoy 8                  | 43-04-34.211N<br>086-13-57.761W | FI R 2.5s             |               | 3            | Red.   | Replaced by nun f from Nov. 28<br>to April 1.        |
| 19025   | - Buoy 10                         | 43-04-37.942N<br>086-13-49.944W |                       |               |              | Red nun.                                       |  |
| 19030   | - Turning Basin Buoy 12           | 43-04-34.878N<br>086-13-23.541W |                       |               |              | Red nun.                                       | Maintained from Apr. 1 to Nov.<br>1.                 |
| 19035   | - Lighted Buoy 14                 | 43-04-29.039N<br>086-12-59.478W | FI R 2.5s             |               | 3            | Red.   | Maintained from April 1 to Nov.<br>1.                |
| 19040   | SPRING LAKE<br>OBSTRUCTION LIGHT  | 43-04-38.894N<br>086-12-49.841W | FI W 2.5s             | 15<br>5       | 5            | 3 NW on pile<br>worded DANGER.                 |  |
| 19043   | SPRING LAKE YACHT CLUB<br>LIGHT A | 43-04-55.770N<br>086-11-40.350W | F W                   |               |              |  | Maintained from Apr. 1 to Nov.<br>1.<br>Private aid. |
| 19043.1   | SPRING LAKE YACHT CLUB<br>LIGHT B | 43-04-55.820N<br>086-11-36.680W | F W                   |               |              |  | Maintained from Apr. 1 to Nov.<br>1.<br>Private aid. |
| 19043.2   | SPRING LAKE YACHT CLUB<br>LIGHT C | 43-04-56.470N<br>086-11-33.700W | F W                   |               |              |  | Maintained from Apr. 1 to Nov.<br>1.<br>Private aid. |
| 19043.3   | SPRING LAKE YACHT CLUB<br>LIGHT D | 43-04-57.230N<br>086-11-32.430W | F W                   |               |              |  | Maintained from Apr. 1 to Nov.<br>1.<br>Private aid. |
| 19045   | - Lighted Buoy 14A                | 43-04-27.606N<br>086-12-45.345W | FI R 6s               |               | 3            | Red.   | Maintained from April 1 to Nov.<br>1.                |
| 19050   | - Lighted Buoy 15                 | 43-04-24.708N<br>086-12-36.567W | FI G 4s               |               | 3            | Green.   | Maintained from April 1 to Nov.<br>1.                |
| 19051   | - Lighted Buoy 15A                | 43-04-18.678N<br>086-12-32.838W | FI G 6s               |               | 3            | Green.   | Maintained from April 1 to Nov.<br>1.                |
| 19055   | - Lighted Buoy 16                 | 43-04-24.198N<br>086-12-37.773W | FI R 4s               |               | 3            | Red.   | Maintained from April 1 to Nov.<br>1.                |
| 19060   | - Lighted Buoy 16A                | 43-04-13.287N<br>086-12-31.645W | FI R 6s               |               | 3            | Red.   | Maintained from April 1 to Nov.<br>1.                |
| 19065   | - Buoy 17                         | 43-04-04.650N<br>086-12-21.500W |                       |               |              | Green can.                                     |  |
| 19070   | - Buoy 19                         | 43-03-56.514N<br>086-12-13.021W |                       |               |              | Green can.                                     |  |

| (1)<br>No.  | (2)<br>Name and Location | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks |
|---|--------------------------|---------------------------------|-----------------------|---------------|--------------|------------------|----------------|
| <b>LAKE MICHIGAN</b>                                    |                          |                                 |                       |               |              |                  |                |
| <b>GRAND HAVEN AND GRAND RIVER (Chart 14933)</b>        |                          |                                 |                       |               |              |                  |                |
| <b>Grand Haven</b>                                      |                          |                                 |                       |               |              |                  |                |
| <b>Grand River</b>                                      |                          |                                 |                       |               |              |                  |                |
| <i>Unlighted buoys maintained from May 1 to Nov. 1.</i> |                          |                                 |                       |               |              |                  |                |
| 19075   | - Buoy 20                | 43-03-54.000N<br>086-12-13.100W |                       |               |              | Red nun.         |                |
| 19080   | - Buoy 21                | 43-03-50.835N<br>086-11-59.512W |                       |               |              | Green can.       |                |
| 19085   | - Buoy 22                | 43-03-46.509N<br>086-11-47.034W |                       |               |              | Red nun.         |                |
| 19090   | - Buoy 23                | 43-03-40.200N<br>086-11-19.700W |                       |               |              | Green can.       |                |
| 19095   | - Buoy 24                | 43-03-26.598N<br>086-10-32.580W |                       |               |              | Red nun.         |                |
| 19100   | - Buoy 26                | 43-03-19.424N<br>086-10-09.871W |                       |               |              | Red nun.         |                |
| 19105   | - Buoy 28                | 43-03-08.800N<br>086-09-50.300W |                       |               |              | Red nun.         |                |
| 19110   | - Buoy 29                | 43-02-40.200N<br>086-09-38.600W |                       |               |              | Green can.       |                |
| 19115   | - Buoy 30                | 43-02-40.816N<br>086-09-39.911W |                       |               |              | Red nun.         |                |
| 19120   | - Buoy 31                | 43-02-21.000N<br>086-09-42.600W |                       |               |              | Green can.       |                |
| 19125   | - Buoy 33                | 43-02-10.500N<br>086-09-41.100W |                       |               |              | Green can.       |                |
| 19130   | - Buoy 35                | 43-01-55.900N<br>086-09-35.600W |                       |               |              | Green can.       |                |
| 19135   | - Buoy 37                | 43-01-31.300N<br>086-09-02.800W |                       |               |              | Green can.       |                |
| 19140   | - Buoy 39                | 43-01-33.400N<br>086-08-53.900W |                       |               |              | Green can.       |                |
| 19145   | - Buoy 40                | 43-01-51.900N<br>086-08-38.600W |                       |               |              | Red nun.         |                |
| 19150   | - Buoy 42                | 43-02-10.233N<br>086-08-33.144W |                       |               |              | Red nun.         |                |
| 19155   | - Buoy 44                | 43-02-19.814N<br>086-08-23.872W |                       |               |              | Red nun.         |                |
| 19160   | - Buoy 46                | 43-02-25.700N<br>086-08-13.000W |                       |               |              | Red nun.         |                |
| 19165   | - Buoy 48                | 43-02-29.171N<br>086-08-01.989W |                       |               |              | Red nun.         |                |
| 19170   | - Buoy 50                | 43-02-30.225N<br>086-07-48.601W |                       |               |              | Red nun.         |                |
| 19175   | - Buoy 51                | 43-02-24.000N<br>086-07-11.900W |                       |               |              | Green can.       |                |
| 19180   | - Buoy 52                | 43-02-22.438N<br>086-06-39.135W |                       |               |              | Red nun.         |                |
| 19185   | - Buoy 54                | 43-02-25.000N<br>086-06-11.100W |                       |               |              | Red nun.         |                |
| 19190   | - Buoy 55                | 43-02-24.141N<br>086-05-44.892W |                       |               |              | Green can.       |                |
| 19195   | - Buoy 57                | 43-02-23.800N<br>086-05-19.700W |                       |               |              | Green can.       |                |
| 19200   | - Buoy 59                | 43-02-26.500N<br>086-04-56.600W |                       |               |              | Green can.       |                |
| 19205   | - Buoy 60                | 43-02-27.800N<br>086-04-45.600W |                       |               |              | Red nun.         |                |
| 19210   | - Buoy 62                | 43-02-30.509N<br>086-04-24.168W |                       |               |              | Red nun.         |                |
| 19215   | - Buoy 64                | 43-02-26.754N<br>086-04-01.329W |                       |               |              | Red nun.         |                |
| 19220   | - Buoy 66                | 43-02-19.000N<br>086-03-37.100W |                       |               |              | Red nun.         |                |
| 19225   | - Buoy 67                | 43-02-07.300N<br>086-03-11.200W |                       |               |              | Green can.       |                |



| (1)<br>No.  | (2)<br>Name and Location                                   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE MICHIGAN</b>                                    |  |                                 |                       |               |              |   |  |
| <b>GRAND HAVEN AND GRAND RIVER (Chart 14933)</b>        |  |                                 |                       |               |              |   |  |
| <b>Grand Haven</b>                                      |  |                                 |                       |               |              |   |  |
| <b>Grand River</b>                                      |  |                                 |                       |               |              |   |  |
| <i>Unlighted buoys maintained from May 1 to Nov. 1.</i> |  |                                 |                       |               |              |   |  |
| 19230   | - Buoy 68  | 43-01-55.900N<br>086-02-47.600W |                       |               |              | Red nun.  |  |
| 19235   | - Buoy 69  | 43-01-46.700N<br>086-02-26.800W |                       |               |              | Green can.  |  |
| 19240   | - Buoy 71  | 43-01-42.100N<br>086-02-10.300W |                       |               |              | Green can.  |  |
| 19245   | - Buoy 72  | 43-01-37.500N<br>086-01-59.700W |                       |               |              | Red nun.  |  |
| 19250   | - Buoy 74  | 43-01-25.200N<br>086-01-31.900W |                       |               |              | Red nun.  |  |
| 19255   | - Buoy 76  | 43-01-09.100N<br>086-01-12.800W |                       |               |              | Red nun.  |  |
| 19260   | - Danger Buoy  | 43-01-03.104N<br>086-01-09.192W |                       |               |              | White can with<br>orange bands<br>worded DANGER<br>END OF<br>DREDGED<br>CHANNEL |  |
| <b>Grand Haven</b>                                      |  |                                 |                       |               |              |   |  |
| 19261   | <i>Ironsides Wreck Mooring Buoy</i>                        | 43-02-55.799N<br>086-19-08.999W |                       |               |              |   | Private aid.   |
| <b>SOUTH HAVEN TO STONEY LAKE (Chart 14906)</b>         |  |                                 |                       |               |              |   |  |
| <b>Port Sheldon</b>                                     |  |                                 |                       |               |              |   |  |
| 19270   | - BREAKWATER NORTH<br>LIGHT                                | 42-54-00.000N<br>086-13-06.000W | FI G 4s               | 14<br>4       |              | Column.   | Maintained from Apr. 1 to Oct.<br>31.<br>Private aid.  |
| 19275   | - BREAKWATER SOUTH<br>LIGHT                                | 42-54-00.000N<br>086-03-06.000W | FI R 4s               | 14<br>4       |              | Column.   | Maintained from Apr. 1 to Oct.<br>31.<br>Private aid.  |
| <b>HOLLAND HARBOR (Chart 14932)</b>                     |  |                                 |                       |               |              |   |  |
| <b>Holland Harbor</b>                                   |  |                                 |                       |               |              |   |  |
| 19280   | - NORTH BREAKWATER<br>LIGHT                                | 42-46-24.400N<br>086-12-56.900W | FI G 6s               | 27<br>8       | 7            | White cylindrical<br>tower with green<br>band.                                  |  |
| 19285   | - SOUTH BREAKWATER<br>LIGHT                                | 42-46-21.100N<br>086-12-56.900W | FI R 4s               | 27<br>8       | 5            | White cylindrical<br>tower with red<br>band.                                    | HORN: 1 blast ev 30s (3s blast).<br>Operates by keying microphone<br>five times on VHF-FM Ch. 83A. |
| 19290   | - NORTH PIERHEAD LIGHT                                     | 42-46-23.850N<br>086-12-45.756W | FI G 4s               | 25<br>8       | 4            | SG on cylindrical<br>tower.   |  |
| 19295   | - <b>South Pierhead Light</b>                              | 42-46-21.520N<br>086-12-44.993W | AI WR 10s             | 52<br>16      | W 19<br>R 17 | On square tower on<br>building.<br>52   |  |
| <b>Lake Macatawa</b>                                    |  |                                 |                       |               |              |   |  |
| 19305   | - LIGHT  | 42-46-19.600N<br>086-12-24.300W | FI R 2.5s             | 24<br>7       | 4            | TR on column.   | Not visible westward.  |
| 19310   | - <i>Lighted Buoy 1</i>                                    | 42-46-18.281N<br>086-12-03.848W | FI G 2.5s             |               | 4            | Green.  | Replaced by can from Nov. 7 to<br>Apr. 14.   |
| 19320   | <i>Big Bay Lighted Buoy 1</i>                              | 42-46-51.558N<br>086-11-02.119W | FI G 6s               |               | 3            | Green.  | Maintained from Apr. 14 to Nov.<br>14.   |
| 19325   | <i>Big Bay Lighted Buoy 2</i>                              | 42-46-52.464N<br>086-10-57.366W | FI R 6s               |               | 3            | Red.  | Maintained from Apr. 14 to Nov.<br>14.   |
| 19330   | Big Bay Buoy 3   | 42-47-04.020N<br>086-10-58.643W |                       |               |              | Green can.  | Maintained from Apr. 14 to Nov.<br>14.   |
| 19335   | MIDDLE GROUND LIGHT 3<br>Marks southeast side of<br>shoal. | 42-46-45.322N<br>086-10-41.034W | FI G 4s               | 23<br>7       | 4            | SG on column on<br>cylindrical base.  |  |

| (1)<br>No.                                     | (2)<br>Name and Location                          | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                             | (8)<br>Remarks  |
|--|---|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE MICHIGAN</b>                           |   |                                 |                       |               |              |  |   |
| <b>HOLLAND HARBOR (Chart 14932)</b>            |   |                                 |                       |               |              |  |   |
| <b>Holland Harbor</b>                          |   |                                 |                       |               |              |  |   |
| <b>Lake Macatawa</b>                           |   |                                 |                       |               |              |  |   |
| 19340  | DRAKE POINT LIGHT 4<br>Marks north side of shoal. | 42-46-44.040N<br>086-10-22.453W | FI R 4s               | 23<br>7       | 4            | TR on column on<br>cylindrical base.         |   |
| 19345  | - Buoy 5  | 42-46-44.455N<br>086-09-53.291W |                       |               |              | Green can.                                   |   |
| 19350  | - <i>Lighted Buoy 6</i>                           | 42-46-43.058N<br>086-09-53.562W | FI R 6s               |               | 4            | Red.   | Replaced by nun f from Nov. 7 to<br>Apr. 14.  |
| 19375  | POINT SUPERIOR LIGHT 7                            | 42-46-44.520N<br>086-09-16.110W | FI G 4s               | 23<br>7       | 4            | SG on column on<br>cylindrical base.         |   |
| 19380  | - Buoy 9  | 42-46-41.149N<br>086-09-08.305W |                       |               |              | Green can.                                   |   |
| 19385  | - <i>Lighted Buoy 10</i>                          | 42-46-39.172N<br>086-09-02.038W | FI R 2.5s             |               | 4            | Red.   | Replaced by nun f from Nov. 7 to<br>Apr. 14.  |
| 19390  | - Buoy 11   | 42-46-42.950N<br>086-08-57.372W |                       |               |              | Green can.                                   |   |
| 19393  | - Buoy 12   | 42-46-53.303N<br>086-08-30.225W |                       |               |              | Red nun.                                     |   |
| 19395  | - Buoy 13   | 42-46-58.829N<br>086-08-21.731W |                       |               |              | Green can.                                   |   |
| 19400  | - <i>Lighted Buoy 14</i>                          | 42-47-05.183N<br>086-08-03.150W | FI R 4s               |               | 4            | Red.   | Replaced by nun f from Nov. 7 to<br>Apr. 14.  |
| 19405  | - Buoy 15   | 42-47-15.038N<br>086-07-45.057W |                       |               |              | Green can.                                   |   |
| 19410  | - <i>Lighted Buoy 16</i>                          | 42-47-21.980N<br>086-07-25.472W | FI R 2.5s             |               | 4            | Red.   | Replaced by nun f from Nov. 7 to<br>Apr. 14.  |
| 19415  | - Buoy 17   | 42-47-26.988N<br>086-07-16.740W |                       |               |              | Green can.                                   |   |
| 19420  | - <i>Lighted Buoy 19</i>                          | 42-47-34.536N<br>086-07-10.684W | FI G 4s               |               | 4            | Green.                                       | Replaced by can f from Nov. 7 to<br>Apr. 14.  |
| 19425  | - Buoy 21   | 42-47-38.598N<br>086-06-59.084W |                       |               |              | Green can.                                   |   |
| 19430  | - Buoy 23   | 42-47-46.782N<br>086-06-53.733W |                       |               |              | Green can.                                   | Maintained from Apr. 14 to Nov.<br>07.  |
| 19435  | - Buoy 25   | 42-47-53.448N<br>086-06-49.359W |                       |               |              | Green can.                                   | Maintained from Apr. 14 to Nov.<br>07.  |
| 19440  | - Buoy 26   | 42-47-52.994N<br>086-06-48.005W |                       |               |              | Red nun.                                     | Maintained from Apr. 14 to Nov.<br>07.  |
| <b>SOUTH HAVEN TO STONY LAKE (Chart 14906)</b> |   |                                 |                       |               |              |  |   |
| <b>Saugatuck</b>                               |   |                                 |                       |               |              |  |   |
| 19445  | - SOUTH PIERHEAD LIGHT                            | 42-40-36.000N<br>086-12-59.000W | FI R 4s               | 30<br>9       | 7            | Cylindrical<br>structure with red<br>band.   | HORN: 1 blast ev 15s (2s bl).<br>Operates by keying microphone<br>five times on VHF-FM Ch. 83A. |
| 19450  | - NORTH PIERHEAD LIGHT                            | 42-40-38.880N<br>086-12-57.410W | FI G 4s               | 30<br>9       | 5            | Cylindrical<br>structure with<br>green band. |   |
| <b>Kalamazoo River</b>                         |   |                                 |                       |               |              |  |   |
| <i>Buoys maintained from May 14 to Nov. 7.</i> |   |                                 |                       |               |              |  |   |
| 19455  | - Buoy 2  | 42-40-32.700N<br>086-12-22.800W |                       |               |              | Red nun.                                     |   |
| 19460  | - Buoy 4  | 42-40-35.100N<br>086-12-12.300W |                       |               |              | Red nun.                                     |   |
| 19465  | - Buoy 5  | 42-40-23.300N<br>086-11-54.800W |                       |               |              | Green can.                                   |   |
| 19470  | - Buoy 6  | 42-40-19.300N<br>086-11-53.700W |                       |               |              | Red nun.                                     |   |

| (1)<br>No.  | (2)<br>Name and Location        | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|---|---------------------------------|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE MICHIGAN</b>                              |                                 |                                 |                       |               |              |   |   |
| <b>SOUTH HAVEN TO STONY LAKE (Chart 14906)</b>    |                                 |                                 |                       |               |              |   |   |
| <b>Saugatuck</b>                                  |                                 |                                 |                       |               |              |   |   |
| <b>Kalamazoo River</b>                            |                                 |                                 |                       |               |              |   |   |
| <i>Buoys maintained from May 14 to Nov. 7.</i>    |                                 |                                 |                       |               |              |   |   |
| 19475   | - Buoy 8                        | 42-39-54.000N<br>086-12-03.800W |                       |               |              | Red nun.  |   |
| 19480   | - Buoy 9                        | 42-39-50.800N<br>086-12-04.800W |                       |               |              | Green can.  |   |
| 19485   | - Buoy 11                       | 42-39-42.794N<br>086-12-17.875W |                       |               |              | Green can.  |   |
| 19490   | - Buoy 12                       | 42-39-40.200N<br>086-12-22.200W |                       |               |              | Red nun.  |   |
| 19495   | - Buoy 14                       | 42-39-28.400N<br>086-12-24.000W |                       |               |              | Red nun.  |   |
| <b>South Haven</b>                                |                                 |                                 |                       |               |              |   |   |
| 19505   | - <b>South Pierhead Light</b>   | 42-24-04.830N<br>086-17-16.640W | F R                   | 37<br>11      | 13           | Red conical tower.<br>37  | Fog Signal operates by keying the microphone five times on VHF-FM CH 83A.<br>HORN: 2 blast ev 30s (2s bl-2s si-2s bl-24s si). |
| 19510   | - NORTH PIER LIGHT              | 42-24-06.800N<br>086-17-17.500W | FI G 4s               | 28<br>9       | 6            | On pole.  |   |
| <b>Palisades Nuclear Security Zone</b>            |                                 |                                 |                       |               |              |   |   |
| <i>Buoys maintained from Apr. 15 to Nov. 1.</i>   |                                 |                                 |                       |               |              |   |   |
| 19511   | - No Entry Buoy A               | 42-19-12.000N<br>086-19-24.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.  |
| 19511.1   | - No Entry Buoy B               | 42-19-17.000N<br>086-19-37.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.  |
| 19511.2   | - No Entry Buoy C               | 42-19-22.000N<br>086-19-54.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.  |
| 19511.3   | - No Entry Buoy D               | 42-19-33.000N<br>086-19-48.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.  |
| 19511.4   | - No Entry Buoy E               | 42-19-44.000N<br>086-19-42.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.  |
| 19511.5   | - No Entry Buoy F               | 42-19-39.000N<br>086-19-24.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.  |
| 19511.6   | - No Entry Buoy G               | 42-19-35.000N<br>086-19-07.000W |                       |               |              | White can with orange bands and exclusion symbol worded NO ENTRY. | Private aid.  |
| <b>ST. JOSEPH AND BENTON HARBOR (Chart 14930)</b> |                                 |                                 |                       |               |              |   |   |
| <b>St. Joseph</b>                                 |                                 |                                 |                       |               |              |   |   |
| 19515   | - <b>North Pierhead Light</b>   | 42-06-59.069N<br>086-29-40.320W | Fl W 2.5s             | 31<br>9       | 12           | White cylindrical tower.<br>31                                    |   |
| 19520   | - <b>North Pier Inner Light</b> | 42-06-57.790N<br>086-29-36.480W | Iso W 2s              | 53<br>16      | 7            | Octagonal tower.<br>53  |   |
| 19525   | - SOUTH PIERHEAD LIGHT          | 42-06-54.960N<br>086-29-39.396W | Iso R 6s              | 25<br>8       | 7            |   |   |

| (1)<br>No.  | (2)<br>Name and Location                                    | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks   |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>LAKE MICHIGAN</b>                              |   |                                 |                       |               |              |  |  |
| <b>ST. JOSEPH AND BENTON HARBOR (Chart 14930)</b> |   |                                 |                       |               |              |  |  |
| <b>St. Joseph</b>                                 |   |                                 |                       |               |              |  |  |
| 19527   | - COAST GUARD LIGHT   | 42-06-47.819N<br>086-29-03.973W | FI Y 4s               | 26<br>8       | 4            |  |  |
| 19530   | - River Buoy 3  | 42-06-44.880N<br>086-28-34.400W |                       |               |              | Green can.   | Maintained from Apr. 28 to Nov. 1.   |
| <b>Donald S. Cook Nuclear Security Zone</b>       |   |                                 |                       |               |              |  |  |
| <i>Buoys maintained from Apr. 1 to Nov. 15</i>    |   |                                 |                       |               |              |  |  |
| 19534   | <i>Donald C. Cook Nuclear Security Zone No Entry Buoy A</i> | 41-58-31.980N<br>086-34-18.500W | Iso W 2s              |               |              | White can with orange bands and exclusion symbol worded NO ENTRY.          | Private aid.   |
| 19534.1   | <i>Donald C. Cook Nuclear Security Zone No Entry Buoy B</i> | 41-58-35.340N<br>086-34-35.460W | Iso W 2s              |               |              | White can with orange bands and exclusion symbol worded NO ENTRY.          | Private aid.   |
| 19534.2   | <i>Donald C. Cook Nuclear Security Zone No Entry Buoy C</i> | 41-58-40.380N<br>086-34-33.660W | Iso W 2s              |               |              | White can with orange bands and exclusion symbol worded NO ENTRY.          | Private aid.   |
| 19534.3   | <i>Donald C. Cook Nuclear Security Zone No Entry Buoy D</i> | 41-58-46.140N<br>086-34-31.500W | Iso W 2s              |               |              | White can with orange bands and exclusion symbol worded NO ENTRY.          | Private aid.   |
| 19534.4   | <i>Donald C. Cook Nuclear Security Zone No Entry Buoy E</i> | 41-58-42.780N<br>086-34-14.940W | Iso W 2s              |               |              | White can with orange bands and exclusion symbol worded NO ENTRY.          | Private aid.   |
| <b>WAUKEGAN TO SOUTH HAVEN (Chart 14905)</b>      |   |                                 |                       |               |              |  |  |
| <b>New Buffalo</b>                                |   |                                 |                       |               |              |  |  |
| 19535   | - HARBOR LIGHT 1  | 41-48-08.460N<br>086-45-08.600W | FI G 2.5s             | 25<br>8       | 6            | SG on column.  |  |
| 19540   | - HARBOR LIGHT 2  | 41-48-06.120N<br>086-45-05.072W | FI R 2.5s             | 25<br>8       | 6            | TR on column.  |  |
| <b>Michigan City</b>                              |   |                                 |                       |               |              |  |  |
| 19544   | <i>Purdue Research Lighted Buoy A</i>                       | 41-45-19.800N<br>086-58-33.960W | STROBE                |               |              | Yellow   | Maintained from May 1 to Nov. 1<br>Private aid.  |
| 19545   | - <b>East Pierhead Light</b>                                | 41-43-44.045N<br>086-54-41.642W | Oc W 4s               | 55<br>17      | 13           | White octagonal tower with red roof attached to fog signal building.<br>55 | HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si).<br>Operates by keying microphone five times on VHF-FM Ch. 83A. |
| 19555   | - BREAKWATER LIGHT  | 41-43-48.185N<br>086-54-50.149W | FI R 4s               | 36<br>11      | 6            | TR on pyramidal structure with red band.                                   |  |
| 19560   | - BREAKWATER SOUTH LIGHT                                    | 41-43-36.876N<br>086-54-58.698W | FI Y 2.5s             | 33<br>10      | 4            | NY on pyramidal structure.   |  |
| 19565   | - WEST PIERHEAD LIGHT                                       | 41-43-35.987N<br>086-54-36.050W | FI R 6s               | 41<br>13      | 4            | TR on tower.   |  |
| 19570   | - OUTER BASIN LIGHT   | 41-43-32.513N<br>086-54-31.393W | FI G 4s               | 25<br>8       | 4            | SG on pile.  |  |
| <b>Burns Harbor</b>                               |   |                                 |                       |               |              |  |  |
| 19575   | BAILEYTOWN WATER INTAKE CRIB LIGHT                          | 41-38-58.614N<br>087-07-21.864W | Q W                   | 14<br>4       |              | Skeleton tower.  | Maintained from Apr. 1 to Dec. 1.<br>Private aid.  |
| 19580   | - EAST LIGHT  | 41-38-58.000N<br>087-07-52.000W | FI W 2s               | 38<br>12      |              | On pile.   | Private aid.   |
| 19583   | - Shoal Buoy 1  | 41-39-10.687N<br>087-08-07.449W |                       |               |              | Green can  |  |
| 19585   | - NORTH LIGHT 2   | 41-38-55.800N<br>087-08-45.580W | FI R 2.5s             | 36<br>11      | 7            | TR on pile.  |  |

| (1)<br>No.                                       | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic  | (5)<br>Height | (6)<br>Range | (7)<br>Structure                         | (8)<br>Remarks  |
|--|---|---------------------------------|--|---------------|--------------|--|---|
| <b>LAKE MICHIGAN</b>                             |   |                                 |  |               |              |  |   |
| <b>WAUKEGAN TO SOUTH HAVEN (Chart 14905)</b>     |   |                                 |  |               |              |  |   |
| <b>Burns Harbor</b>                              |   |                                 |  |               |              |  |   |
| 19590  | - SOUTH LIGHT 3   | 41-38-47.300N<br>087-08-49.100W | FI G 4s  | 47<br>14      | 9            | White cylindrical tower with green band. |   |
| 19595  | BURNS WATERWAY JETTY NORTH LIGHT 1  | 41-38-03.669N<br>087-10-41.725W | FI G 6s  | 27<br>8       | 7            | White cylindrical tower with green band. |   |
| 19600  | BURNS WATERWAY WEST PIER LIGHT 2  | 41-38-00.513N<br>087-10-40.048W | FI R 2.5s  | 27<br>8       | 6            | TR on post.                              |   |
| <b>CHICAGO LAKE FRONT (Chart 14927)</b>          |   |                                 |  |               |              |  |   |
| <b>Gary</b>                                      |   |                                 |  |               |              |  |   |
| 19605  | - BULKHEAD LIGHT  | 41-37-26.598N<br>087-17-19.836W | FI R 4s  | 20<br>6       |              | On cylindrical tower.                    | Private aid.  |
| 19610  | - BREAKWATER LIGHT  | 41-37-49.146N<br>087-19-13.098W | FI (3)R 40s<br>2s fl 8s ec.<br>2s fl 8s ec.<br>2s fl 18s ec. | 40<br>12      |              | On cylindrical tower.                    | Standby light.<br>HORN: 1 blast ev 30s (2s bl).<br>Private aid.                   |
| 19615  | - EAST PIERHEAD LIGHT   | 41-37-27.921N<br>087-19-27.055W | F W  | 30<br>9       |              | On post.                                 | Operates during navigation season only.<br>Private aid.                           |
| 19620  | - WEST PIERHEAD LIGHT   | 41-37-28.298N<br>087-19-30.888W | F R  | 25<br>8       |              | On post.                                 | Operates during navigation season only.<br>Private aid.                           |
| 19625  | <i>Indiana Shoal Lighted Gong Buoy 4</i><br>Marks northeast side of shoals. | 41-43-25.709N<br>087-20-52.534W | FI R 4s  |               | 4            | Red.                                     | Maintained from Apr. 21 to Dec. 1.  |
| <b>Buffington Harbor</b>                         |   |                                 |  |               |              |  |   |
| 19630  | - BREAKWATER LIGHT  | 41-38-45.000N<br>087-24-37.500W | FI R 4s  | 48<br>15      |              | Conical tower.                           | Private aid.  |
| 19636  | - INNER BREAKWATER EAST LIGHT 2   | 41-38-35.000N<br>087-24-53.000W | FI R 2.5s  | 24<br>7       |              | On post.                                 | Private aid.  |
| 19637  | - INNER BREAKWATER WEST LIGHT 1   | 41-38-33.000N<br>087-24-56.000W | Q G  | 24<br>7       |              | On post.                                 | Private aid.  |
| <b>CALUMET AND INDIANA HARBORS (Chart 14929)</b> |   |                                 |  |               |              |  |   |
| <b>City of East Chicago, Indiana</b>             |   |                                 |  |               |              |  |   |
| 19648  | - CASINO HARBOR LIGHT 1   | 41-39-17.390N<br>087-25-55.340W | Q G  | 50<br>15      |              | SG on cylindrical tower.                 | Maintained from Apr. 1 to Dec. 1.<br>Private aid.                                 |
| 19649  | - CASINO HARBOR LIGHT 2   | 41-39-15.110N<br>087-25-59.930W | Oc R 4s  | 50<br>15      |              | TR on cylindrical tower.                 | Maintained from Apr. 1 to Dec. 1.<br>Private aid.                                 |
| 19650  | - PASTRICK MARINA LIGHT 3   | 41-39-14.600N<br>087-26-05.600W | FI G 4s  | 16<br>5       |              | SG on post.                              | Maintained from Apr. 1 to Dec. 15. Visible 294° through 359°. Private aid.        |
| 19655  | - PASTRICK MARINA LIGHT 4   | 41-39-14.500N<br>087-26-03.000W | FI R 4s  | 16<br>5       |              | TR on post.                              | Maintained from Apr. 1 to Dec. 15. Visible 294° through 359°. Private aid.        |
| <b>Indiana Harbor</b>                            |   |                                 |  |               |              |  |   |
| 19660  | - SOUTH BULKHEAD LIGHT  | 41-39-34.074N<br>087-25-14.232W | FI R 2s  | 49<br>15      |              | Pyramidal tower.                         | Private aid.  |
| 19665  | - EAST BULKHEAD LIGHT   | 41-40-41.328N<br>087-24-04.866W | FI R 2s  | 48<br>15      |              | Pyramidal tower.                         | Private aid.  |
| 19670  | - NORTH BULKHEAD LIGHT  | 41-41-20.340N<br>087-25-01.044W | FI R 2s  | 48<br>15      |              | Pyramidal tower.                         | Private aid.  |
| 19675  | - <b>East Breakwater Light</b>  | 41-40-51.014N<br>087-26-28.027W | Iso G 6s   | 78<br>24      | 12           | Square tower.                            | HORN: 2 blast ev 20s. Operates by keying microphone five times on VHF-FM Ch. 83A. |
| 19685  | - LIGHT 2   | 41-41-06.090N<br>087-26-49.380W | Oc R 4s  | 29<br>9       | 6            | TR on pile.                              |   |

| (1)<br>No.                                       | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                 | (8)<br>Remarks   |
|--|--|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>LAKE MICHIGAN</b>                             |  |                                 |                       |               |              |  |  |
| <b>CALUMET AND INDIANA HARBORS (Chart 14929)</b> |  |                                 |                       |               |              |  |  |
| <b>Indiana Harbor</b>                            |  |                                 |                       |               |              |  |  |
| 19690  | - LIGHT 5  | 41-40-27.643N<br>087-26-19.840W | FI G 2.5s             | 48<br>15      | 5            | White cylindrical tower with green band.         |  |
| 19695  | - LIGHT 6  | 41-40-22.756N<br>087-26-26.274W | FI R 2.5s             | 48<br>15      | 6            | White cylindrical tower with red band.           | Higher intensity beam on bearing 165.5°.   |
| 19700  | - LIGHT 7  | 41-40-00.758N<br>087-26-31.264W | F G                   | 45<br>14      | 8            | SG on white cylindrical tower.                   |  |
| 19705  | - LIGHT 8  | 41-40-03.781N<br>087-26-34.574W | FI R 4s               | 13<br>4       | 5            | TR on white cylindrical tower.                   |  |
| <b>CALUMET AND INDIANA HARBORS (Chart 14929)</b> |  |                                 |                       |               |              |  |  |
| 19710  | American Oil Company Intake Buoy A   | 41-40-48.000N<br>087-29-18.000W |                       |               |              | White with orange bands and orange diamond.      | Maintained from Apr. 15 to Nov. 15.<br>Private aid.                                    |
| 19715  | WHITING LAKEFRONT PARK LIGHT A   | 41-41-03.500N<br>087-29-20.000W | Q G                   | 19<br>6       |              | On post.   | Private aid.   |
| 19720  | WHITING LAKEFRONT PARK LIGHT B   | 41-41-05.200N<br>087-29-20.000W | Q R                   | 19<br>6       |              | On post.   | Private aid.   |
| <b>Calumet</b>                                   |  |                                 |                       |               |              |  |  |
| 19740  | HAMMOND INTAKE CRIB LIGHT  | 41-42-25.100N<br>087-29-49.500W | FI W 6s               | 26<br>8       |              | On tower.  | Maintained from Apr. 1 to Nov. 1.<br>Private aid.                                      |
| <b>Hammond Marina</b>                            |  |                                 |                       |               |              |  |  |
| <i>Aids maintained from Apr. 15 to Nov. 15.</i>  |  |                                 |                       |               |              |  |  |
| 19745  | - ENTRANCE LIGHT 1   | 41-41-44.700N<br>087-30-14.800W | FI G 4s               | 20<br>6       |              | SG on pile.                                      | Private aid.   |
| 19750  | - ENTRANCE LIGHT 2   | 41-41-44.700N<br>087-30-11.700W | FI R 4s               | 20<br>6       |              | TR on pile.                                      | Private aid.   |
| 19752  | - Lighted Obstruction Buoy AA  | 41-41-43.780N<br>087-30-09.180W | Q W                   |               |              |  | Private aid.   |
| 19755  | - Lighted Obstruction Buoy A   | 41-41-47.400N<br>087-30-09.300W | FI W 2.5s             |               |              | White with orange bands and orange diamond.      | Private aid.   |
| 19760  | - Lighted Obstruction Buoy B   | 41-41-51.800N<br>087-30-13.700W | FI W 2.5s             |               |              | White with orange bands and orange diamond.      | Private aid.   |
| 19765  | - Lighted Obstruction Buoy C   | 41-41-55.400N<br>087-30-20.300W | FI W 2.5s             |               |              | White with orange bands and orange diamond.      | Private aid.   |
| 19770  | - Lighted Obstruction Buoy D   | 41-41-57.500N<br>087-30-26.600W | FI W 2.5s             |               |              | White with orange bands and orange diamond.      | Private aid.   |
| <b>Calumet</b>                                   |  |                                 |                       |               |              |  |  |
| 19775  | Nipsco Obstruction Buoy A  | 41-42-00.000N<br>087-30-26.000W |                       |               |              | White with orange bands worded SUBMERGED PILING. | Maintained from Apr. 1 to Nov. 1.<br>Private aid.                                      |
| 19780  | - PARK 101ST STREET PIER LIGHT   | 41-42-47.923N<br>087-31-30.809W | FI R 4s               | 28<br>9       | 6            | TR on post.                                      |  |
| <b>CHICAGO LAKE FRONT (Chart 14927)</b>          |  |                                 |                       |               |              |  |  |
| 19785  | Indiana Shoal Buoy 2   | 41-46-10.332N<br>087-23-26.733W |                       |               |              | Red nun.   |  |
| 19790  | Chicago Lake Front Northeast Shoal Lighted Buoy 2<br>Marks east side of shoal. | 41-45-36.268N<br>087-28-02.018W | FI R 4s               |               | 4            | Red.   | RACON: C ( - . - . )<br>Replaced by nun from Dec. 1 to Apr. 21.<br>AIS MMSI: 993672228 |
| <b>CALUMET AND INDIANA HARBORS (Chart 14929)</b> |  |                                 |                       |               |              |  |  |
| 19795  | Calumet East Shoal Lighted Buoy 4  | 41-43-59.008N<br>087-28-13.836W | FI R 6s               |               | 4            | Red.   | Replaced by nun from Dec. 01 to Apr 21.  |

| (1)<br>No.                                       | (2)<br>Name and Location                               | (3)<br>Position                 | (4)<br>Characteristic                                       | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks  |
|--|--|---------------------------------|---|---------------|--------------|--|---|
| <b>LAKE MICHIGAN</b>                             |  |                                 |   |               |              |  |   |
| <b>CALUMET AND INDIANA HARBORS (Chart 14929)</b> |  |                                 |   |               |              |  |   |
| 19800  | <b>Calumet Harbor Breakwater<br/>South End Light</b>   | 41-43-33.652N<br>087-29-35.956W | Al WR 10s<br>0.2s W fl 4.8s<br>ec.<br>0.2s R fl 4.8s<br>ec. | 50<br>15      | W 17<br>R 14 | White square<br>skeleton tower with<br>red band. Lower<br>half open.<br>46 | HORN: 1 blast ev 15s (2s bl).<br>Operates by keying microphone<br>five times on VHF-FM Ch. 83A. |
| 19810  | <i>Calumet Harbor Lighted Buoy 1</i>                   | 41-43-07.704N<br>087-29-48.694W | FI G 4s   |               | 3            | Green.   | Year round lighted buoy   |
| 19815  | Calumet Harbor Buoy 3                                  | 41-43-15.125N<br>087-29-58.770W |   |               |              | Green can.   |   |
| 19820  | Calumet Harbor Buoy 5                                  | 41-43-38.376N<br>087-30-30.348W |   |               |              | Green can.   |   |
| 19825  | <i>Calumet Harbor Lighted Buoy 7</i>                   | 41-43-48.248N<br>087-30-43.758W | FI G 4s   |               | 3            | Green.   | Year round lighted buoy .   |
| 19827  | CALUMET HARBOR<br>BREAKWATER<br>OBSTRUCTION LIGHT      | 41-44-29.394N<br>087-30-52.040W | FI Y 2.5s   | 28<br>9       | 8            | White cylindrical<br>tower with yellow<br>band.                            |   |
| 19830  | CALUMET HARBOR LIGHT                                   | 41-44-12.635N<br>087-30-28.804W | FI R 2.5s   | 51<br>16      | 7            | White cylindrical<br>tower with red<br>band.                               |   |
| 19835  | CALUMET HARBOR<br>ENTRANCE SOUTH SIDE<br>LIGHT         | 41-44-08.146N<br>087-30-22.721W | FI G 4s   | 30<br>9       | 6            | White cylindrical<br>tower with green<br>band.                             |   |
| 19840  | CALUMET PIERHEAD LIGHT                                 | 41-44-01.492N<br>087-31-44.479W | Iso R 6s  | 31<br>9       | 6            | TR on post.  | Obscured f from 240° to 060°.   |
| 19845  | CALUMET HARBOR<br>DISPOSAL AREA LIGHT                  | 41-43-52.296N<br>087-31-29.633W | FI G 6s   | 26<br>8       | 4            | SG on tower.   |   |
| 19850  | CALUMET RIVER ENTRANCE<br>LIGHT                        | 41-43-56.306N<br>087-31-46.175W | FI G 2.5s   | 28<br>9       | 5            | SG on post.  |   |
| <b>CHICAGO LAKE FRONT (Chart 14927)</b>          |  |                                 |   |               |              |  |   |
| 19855  | Clarke Point Buoy 8                                    | 41-45-33.926N<br>087-31-44.064W |   |               |              | Red nun.   | Maintained f from Apr. 14 to Nov.<br>01.  |
| 19860  | FILTRATION PLANT<br>BREAKWATER SOUTH END<br>LIGHT      | 41-45-24.822N<br>087-32-16.794W | FI W 2.5s   | 39<br>12      |              | NW on skeleton<br>tower marked<br>DANGER.                                  | Maintained from May 1 to Nov.<br>1.<br>Private aid.   |
| 19865  | FILTRATION PLANT<br>BREAKWATER NORTH END<br>LIGHT      | 41-45-42.438N<br>087-32-38.820W | FI W 2.5s   | 39<br>12      |              | NW on skeleton<br>tower marked<br>DANGER.                                  | Maintained from May 1 to Nov.<br>1.<br>Private aid.   |
| 19870  | SIXTY-EIGHTH STREET CRIB<br>LIGHT                      | 41-47-10.500N<br>087-31-48.000W | FI R 3s   | 61<br>19      |              | Silver-gray lantern<br>on red skeleton<br>tower on stone<br>crib.          | BELL: 1 strike ev 12s.<br>Private aid.  |
| 19875  | JACKSON PARK OUTER<br>HARBOR LIGHT 2                   | 41-47-04.500N<br>087-34-03.500W | FI R 2.5s   | 28<br>9       |              | TR on pile at end<br>of breakwater.  | Maintained from Apr. 15 to Dec.<br>1.<br>Private aid.   |
| 19880  | JACKSON PARK OUTER<br>HARBOR LIGHT 4                   | 41-46-52.900N<br>087-34-06.774W | FI R 4s   | 28<br>9       |              | TR on pile.  | Maintained from Apr. 15 to Dec.<br>1.<br>Private aid.   |
| 19885  | JACKSON PARK INNER<br>HARBOR LIGHT 6                   | 41-46-47.300N<br>087-34-22.800W | F R   | 35<br>11      |              | TR on pile.  | Maintained from Apr. 15 to Dec.<br>1.<br>Private aid.   |
| 19890  | JACKSON PARK INNER<br>HARBOR LIGHT 5                   | 41-46-45.600N<br>087-34-21.800W | F G   |               |              | SG on pile.  | Maintained from Apr. 15 to Dec.<br>1.<br>Private aid.   |
| 19895  | FIFTY-NINTH STREET<br>YACHT HARBOR SOUTH<br>PIER LIGHT | 41-47-17.300N<br>087-34-30.700W | F G   | 35<br>11      |              | On post.   | Maintained from Apr. 15 to Dec.<br>1.<br>Private aid.   |
| 19900  | FIFTY-NINTH STREET<br>YACHT HARBOR NORTH<br>PIER LIGHT | 41-47-12.000N<br>087-34-18.000W | F R   | 35<br>11      |              | On post.   | Maintained from Apr. 15 to Dec.<br>1.<br>Private aid.   |
| 19905  | South Park Shoal Buoy 6<br>Marks east side of shoal.   | 41-47-53.884N<br>087-32-22.199W |   |               |              | Red nun.   |   |
| 19910  | <i>Clemson Shoal Lighted Bell<br/>Buoy 4</i>           | 41-48-24.565N<br>087-32-04.726W | FI R 4s   |               | 4            | Red.   | Replaced by nun f from Dec. 01<br>to Apr. 21.   |

| (1)<br>No.                              | (2)<br>Name and Location                                   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE MICHIGAN</b>                    |  |                                 |                       |               |              |   |   |
| <b>CHICAGO LAKE FRONT (Chart 14927)</b> |  |                                 |                       |               |              |   |   |
| 19915                                   | Hyde Park Shoal Outside<br>Buoy 2                          | 41-48-31.014N<br>087-32-38.801W |                       |               |              | Red nun.  |   |
| 19920                                   | <i>Morgan Shoals Lighted Buoy 2</i>                        | 41-48-38.600N<br>087-34-27.900W | FI R 2.5s             |               | 3            | Red.  | Maintained from Apr. 14 to Nov 1.   |
| 19921                                   | OAKWOOD BEACH NORTH<br>PIER LIGHT                          | 41-49-24.922N<br>087-35-48.453W | FI Y 2s               | 20<br>6       |              |   | Private aid.  |
| 19922                                   | OAKWOOD BEACH SOUTH<br>PIER LIGHT                          | 41-49-17.193N<br>087-35-39.191W | FI Y 2s               |               |              |   | Private aid.  |
| 19925                                   | FOUR-MILE CRIB LIGHT                                       | 41-52-24.000N<br>087-32-42.000W | FI W 15s              | 66<br>20      |              | Red skeleton tower<br>on stone crib.  | HORN: 1 blast ev 20s (2s bl).<br>Private aid.   |
| <b>CHICAGO HARBOR (Chart 14928)</b>     |  |                                 |                       |               |              |   |   |
| 19930                                   | THIRTY-FIRST STREET<br>OUTER JETTY LIGHT                   | 41-50-21.700N<br>087-36-15.800W | FI Y 2.5s             | 29<br>9       |              | NW on cylindrical<br>tower.   | Maintained from Apr. 15 to Dec. 1.<br>Private aid.  |
| 19931                                   | <i>Thirty-First Street Jetty Danger<br/>Lighted Buoy A</i> | 41-50-22.600N<br>087-36-18.200W | FI W 2s               |               |              | White with orange<br>bands and diamond<br>worded DANGER<br>BREAKWATER.            | Maintained from Apr. 15 to Oct. 31.<br>Private aid.   |
| 19932                                   | <i>Thirty-First Street Jetty Danger<br/>Lighted Buoy B</i> | 41-50-23.000N<br>087-36-20.800W | FI W 2s               |               |              | White with orange<br>bands and diamond<br>worded DANGER<br>BREAKWATER.            | Maintained from Apr. 15 to Oct. 31.<br>Private aid.   |
| 19933                                   | <i>Thirty-First Street Jetty Danger<br/>Lighted Buoy C</i> | 41-50-23.500N<br>087-36-23.300W | FI W 2s               |               |              | White with orange<br>bands and diamond<br>worded DANGER<br>BREAKWATER.            | Maintained from Apr. 15 to Oct. 31.<br>Private aid.   |
| 19934                                   | THIRTY-FIRST STREET<br>INNER JETTY LIGHT                   | 41-50-24.400N<br>087-36-26.000W | FI Y 2.5s             | 26<br>8       |              | NW on cylindrical<br>tower.   | Maintained from Apr. 15 to Dec. 1.<br>Private aid.  |
| <b>Northerly Island Danger Zone</b>     |  |                                 |                       |               |              |   |   |
| 19955                                   | BURNHAM PARK HARBOR<br>LIGHT                               | 41-51-42.000N<br>087-36-36.000W | FI G 3s               | 60<br>18      |              | On skeleton tower.  | Red from 135° to 255°.<br>Maintained from Apr. 15 to Dec. 1.<br>Private aid.                                |
| 19956                                   | <i>Northerly Island Danger<br/>Lighted Buoy A</i>          | 41-51-52.200N<br>087-36-21.200W | FI W 2s               |               |              | White and orange<br>bands and diamond<br>worded DANGER<br>SUBMERGED<br>BULKHEAD.  | Maintained from Apr. 15 to Oct 31.<br>Private aid.  |
| 19956.1                                 | <i>Northerly Island Danger<br/>Lighted Buoy B</i>          | 41-51-48.500N<br>087-36-21.000W | FI W 2s               |               |              | White and orange<br>bands and diamond<br>worded DANGER<br>SUBMERGED<br>BULKHEAD.  | Maintained from Apr. 15 to Oct 31.<br>Private aid.  |
| 19956.2                                 | <i>Northerly Island Danger<br/>Lighted Buoy C</i>          | 51-51-45.000N<br>087-36-21.000W | FI W 2s               |               |              | White with orange<br>bands and diamond<br>worded DANGER<br>SUBMERGED<br>BULKHEAD. | Maintained from Apr. 15 to Oct 31.<br>Private aid.  |
| <b>CHICAGO LAKE FRONT (Chart 14927)</b> |  |                                 |                       |               |              |   |   |
| <b>Chicago Harbor</b>                   |  |                                 |                       |               |              |   |   |
| 19960                                   | - Light  | 41-53-21.658N<br>087-35-25.712W | FI R 5s               | 82<br>25      | 15           | White conical<br>tower.<br>82   | HORN operates by keying the<br>microphone five times on VHF-<br>FM channel 83A. 2 blasts ev<br>30s (2s bl). |
| 19980                                   | - OUTER BREAKWATER<br>SOUTH END LIGHT                      | 41-52-48.623N<br>087-35-25.905W | Iso R 6s              | 27<br>8       | 6            | White cylindrical<br>tower with red<br>band.                                      |   |
| 19985                                   | - ENTRANCE SOUTH SIDE<br>LIGHT                             | 41-53-14.864N<br>087-35-25.861W | FI G 4s               | 27<br>8       | 6            | White cylindrical<br>tower with green<br>band.                                    |   |
| 19990                                   | - SOUTH BREAKWATER<br>NORTHEND LIGHT 1                     | 41-52-29.330N<br>087-36-36.430W | FI G 2.5s             | 35<br>11      | 5            | SG on post.   |   |



| (1)<br>No.                              | (2)<br>Name and Location                        | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                       | (8)<br>Remarks                                      |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE MICHIGAN</b>                    |   |                                 |                       |               |              |  |   |
| <b>CHICAGO LAKE FRONT (Chart 14927)</b> |   |                                 |                       |               |              |  |   |
| <b>Chicago Harbor</b>                   |   |                                 |                       |               |              |  |   |
| 19995                                   | - BREAKWATER SOUTH LIGHT                        | 41-52-36.957N<br>087-36-36.300W | FI R 4s               | 23<br>7       | 4            | White cylindrical tower with red band. |   |
| 20000                                   | - SOUTHEAST GUIDE WALL LIGHT                    | 41-53-17.940N<br>087-36-09.044W | Iso W 6s              | 48<br>15      | 9            | White square tower with green band.    | Visible from 157° to 023°.                          |
| 20005                                   | - MUNICIPAL PIER NO. 1 LIGHT                    | 41-53-23.300N<br>087-35-58.800W | FI Y 2.5s             |               |              | NY on skeleton tower.                  | Maintained from Apr. 1 to Dec. 1.<br>Private aid.   |
| 20010                                   | - NAVY PIER SOUTH LIGHT                         | 41-53-29.400N<br>087-35-54.500W | Iso W 4s              | 30<br>9       |              | On skeleton tower.                     | Maintained from Apr. 1 to Dec. 1.<br>Private aid.   |
| 20012                                   | - NAVY PIER NORTH LIGHT                         | 41-53-32.300N<br>087-35-54.500W | Iso W 4s              | 30<br>9       |              | On skeleton tower.                     | Maintained from Apr. 1 to Dec. 1.<br>Private aid.   |
| 20015                                   | - FILTRATION PLANT LIGHT B                      | 41-53-35.800N<br>087-36-08.000W | FI W 4s               | 15<br>5       |              | On dolphin.                            | Maintained from Mar. 15 to Dec. 15.<br>Private aid. |
| 20020                                   | - FILTRATION PLANT LIGHT A                      | 41-53-46.600N<br>087-36-08.800W | FI W 4s               | 10<br>3       |              |  | Maintained from Mar. 15 to Dec. 15.<br>Private aid. |
| 20025                                   | OAK STREET BREAKWATER LIGHT                     | 41-54-11.021N<br>087-36-28.239W | FI G 4s               | 30<br>9       | 5            | SG on post.                            |   |
| 20030                                   | - OAK STREET BREAKWATER NORTHEAST END LIGHT 2   | 41-54-10.904N<br>087-36-33.989W | FI R 2.5s             | 26<br>8       | 6            | TR on post.                            |   |
| 20035                                   | - OAK STREET BREAKWATER SOUTHWEST END LIGHT 3   | 41-54-05.076N<br>087-37-02.205W | FI G 2.5s             | 26<br>8       | 6            | SG on post.                            |   |
| 20040                                   | WILLIAM E. DEVER CRIB LIGHT                     | 41-55-00.000N<br>087-34-18.000W | Q W                   | 72<br>22      |              | On skeleton tower.                     | HORN: 1 blast ev 20s (2s bl).<br>Private aid.       |
| <b>CHICAGO HARBOR (Chart 14928)</b>     |   |                                 |                       |               |              |  |   |
| <b>Chicago North Side (Chart 14928)</b> |   |                                 |                       |               |              |  |   |
| 20055                                   | NORTH AVENUE JETTY LIGHT                        | 41-54-54.000N<br>087-37-12.000W | Q R                   | 38<br>12      |              | On skeleton tower.                     | Maintained from Apr. 15 to Dec. 1.<br>Private aid.  |
| 20080                                   | DIVERSEY HARBOR ENTRANCE NORTH BREAKWATER LIGHT | 41-55-57.300N<br>087-37-50.500W | FI R 3s               | 38<br>12      |              | On post.                               | Maintained from Apr. 15 to Dec. 1.<br>Private aid.  |
| 20085                                   | DIVERSEY HARBOR ENTRANCE SOUTH BREAKWATER LIGHT | 41-55-57.200N<br>087-37-52.100W | FI G 3s               | 38<br>12      |              | On post.                               | Maintained from Apr. 15 to Dec. 1.<br>Private aid.  |
| 20090                                   | BELMONT HARBOR LIGHT                            | 41-56-30.000N<br>087-38-00.000W | FI R 3s               | 30<br>9       |              | On tubular steel tower.                | Maintained from Apr. 1 to Dec. 1.<br>Private aid.   |
| 20095                                   | BELMONT HARBOR INNER LIGHT                      | 41-56-35.000N<br>087-38-09.000W | FI R 3s               | 80<br>24      |              | On skeleton tower.                     | Maintained from Apr. 1 to Dec. 1.<br>Private aid.   |
| 20100                                   | Belmont Rock Shoal Buoy                         | 41-56-38.057N<br>087-37-39.805W |                       |               |              | Red nun.                               | Maintained from Apr. 14 to Nov. 01.                 |
| <b>CHICAGO LAKE FRONT (Chart 14927)</b> |   |                                 |                       |               |              |  |   |
| 20105                                   | MONTROSE BREAKWATER LIGHT                       | 41-57-48.000N<br>087-37-53.000W | FI R 3s               | 40<br>12      |              | On skeleton tower.                     | Maintained from Apr. 15 to Dec. 1.<br>Private aid.  |
| 20110                                   | MONTROSE HARBOR EAST BREAKWATER LIGHT           | 41-57-33.000N<br>087-38-25.000W | FI R 3s               | 40<br>12      |              | On skeleton tower.                     | Maintained from Apr. 15 to Dec. 1.<br>Private aid.  |
| 20115                                   | MONTROSE HARBOR WEST BREAKWATER LIGHT           | 41-57-33.400N<br>087-38-28.000W | FI G 3s               | 41<br>13      |              | On skeleton tower.                     | Maintained from Apr. 15 to Dec. 1.<br>Private aid.  |

| (1)<br>No.                                     | (2)<br>Name and Location                         | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                   | (8)<br>Remarks                                      |
|--|--|---------------------------------|-----------------------|---------------|--------------|------------------------------------|---|
| <b>LAKE MICHIGAN</b>                           |  |                                 |                       |               |              |                                    |   |
| <b>CHICAGO LAKE FRONT (Chart 14927)</b>        |  |                                 |                       |               |              |                                    |   |
| 20130  | WILSON AVENUE<br>BREAKWATER LIGHT                | 41-58-07.000N<br>087-37-53.000W | FI G 3s               | 36<br>11      |              | On skeleton tower.                 | Maintained from Apr. 15 to Dec. 1.<br>Private aid.  |
| 20135  | WILSON AVENUE INTAKE<br>CRIB LIGHT               | 41-58-00.000N<br>087-35-30.000W | Q W                   | 68<br>21      |              | On cylindrical tower.              | HORN: 1 blast ev 20s (2s bl).<br>Private aid.       |
| 20140  | FOSTER AVENUE PIERHEAD<br>LIGHT                  | 41-58-49.000N<br>087-38-46.000W | FI W 3s               | 41<br>13      |              | On skeleton tower.                 | Maintained from Apr. 15 to Dec. 1.<br>Private aid.  |
| 20145  | HOLLYWOOD AVENUE<br>BREAKWATER LIGHT             | 41-59-10.000N<br>087-38-59.000W | FI R 3s               | 41<br>13      |              | On skeleton tower.                 | Maintained from Apr. 15 to Dec. 1.<br>Private aid.  |
| 20165  | FARWELL AVENUE<br>BREAKWATER LIGHT               | 42-00-24.000N<br>087-39-24.000W | FI R 3s               | 41<br>13      |              | On skeleton tower.                 | Maintained from Apr. 15 to Dec. 1.<br>Private aid.  |
| 20170  | South Boulevard Branch<br>Warning Day beacons    | 42-01-38.500N<br>087-39-58.000W |                       |               |              | NW on pile worded<br>DANGER GROIN. | Maintained from Apr. 1 to Nov. 1.<br>Private aid.   |
| <b>Evanston</b>                                |  |                                 |                       |               |              |                                    |   |
| <i>Buoys maintained from May 1 to Oct. 31.</i> |  |                                 |                       |               |              |                                    |   |
| 20185  | - BREAKWATER LIGHT                               | 42-02-44.500N<br>087-40-16.200W | FI R 4s               | 22<br>7       |              | On post.                           | Maintained from May 1 to Oct. 15.<br>Private aid.   |
| 20190  | GROSSEPOINT LIGHT                                | 42-04-00.000N<br>087-41-00.000W | FI (2)W 15s           | 119<br>36     |              | White, conical tower, red roofs.   | Private aid.  |
| 20195  | - Boat Ramp Buoy 1                               | 42-02-41.500N<br>087-40-16.000W |                       |               |              | Green can.                         | Private aid.  |
| 20200  | - Boat Ramp Buoy 3                               | 42-02-42.200N<br>087-40-16.500W |                       |               |              | Green can.                         | Private aid.  |
| 20205  | - Boat Ramp Buoy 5                               | 42-02-42.800N<br>087-40-17.000W |                       |               |              | Green can.                         | Private aid.  |
| 20210  | - Boat Ramp Buoy 2                               | 42-02-42.500N<br>087-40-15.000W |                       |               |              | Red nun.                           | Private aid.  |
| 20215  | - Boat Ramp Buoy 4                               | 42-02-42.900N<br>087-40-15.400W |                       |               |              | Red nun.                           | Private aid.  |
| 20220  | - Boat Ramp Buoy 6                               | 42-02-43.300N<br>087-40-15.800W |                       |               |              | Red nun.                           | Private aid.  |
| 20221  | - Boat Ramp Buoy 7                               | 42-02-43.300N<br>087-40-17.500W |                       |               |              | Green can.                         | Private aid.  |
| 20222  | - Boat Ramp Buoy 8                               | 42-07-43.600N<br>087-40-16.200W |                       |               |              | Red nun.                           | Private aid.  |
| <b>WAUKEGAN TO SOUTH HAVEN (Chart 14905)</b>   |  |                                 |                       |               |              |                                    |   |
| <b>Wilmette Harbor</b>                         |  |                                 |                       |               |              |                                    |   |
| 20225  | - Entrance Buoy 1                                | 42-04-36.200N<br>087-40-40.600W |                       |               |              | Green can.                         | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 20230  | - Entrance Buoy 2                                | 42-04-38.000N<br>087-40-39.800W |                       |               |              | Red nun.                           | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 20235  | - ENTRANCE SOUTH LIGHT                           | 42-04-37.000N<br>087-40-48.300W | FI G 4s               | 15<br>5       |              | On pile.                           | Maintained from Apr. 15 to Nov. 15.<br>Private aid. |
| 20240  | - ENTRANCE NORTH LIGHT                           | 42-04-37.200N<br>087-40-44.400W | FI R 4s               | 20<br>6       |              | On pile.                           | Maintained from Apr. 15 to Nov. 15.<br>Private aid. |
| 20245  | - PIERHEAD LIGHT                                 | 42-04-43.350N<br>087-40-47.364W | FI W 4s               | 40<br>12      |              | On pile.                           | Maintained from Apr. 15 to Nov. 15.<br>Private aid. |
| <b>WAUKEGAN TO SOUTH HAVEN (Chart 14905)</b>   |  |                                 |                       |               |              |                                    |   |
| 20250  | <i>Wilmette Wreck Lighted Bell<br/>Buoy WR 2</i> | 42-05-41.114N<br>087-38-57.870W | Q R                   |               | 4            | Red.                               | Replaced by nun from Dec. 01 to Apr. 21.            |

| (1)<br>No.                                       | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic                                    | (5)<br>Height | (6)<br>Range | (7)<br>Structure                            | (8)<br>Remarks   |
|--|--|---------------------------------|--|---------------|--------------|---|--|
| <b>LAKE MICHIGAN</b>                             |  |                                 |  |               |              |   |  |
| <b>WAUKEGAN TO SOUTH HAVEN (Chart 14905)</b>     |  |                                 |  |               |              |   |  |
| 20255  | <i>Grossepoint Outer Lighted Bell Buoy 4</i>                     | 42-08-14.361N<br>087-35-17.476W | FI R 6s  |               | 4            | Red.  | Replaced by nun f from Dec. 01 to Apr. 21.   |
| 20257  | <i>Wilmette Weather Buoy</i>                                     | 42-08-16.000N<br>087-39-30.000W | FI Y 4s  |               |              |   | Maintained f from Apr. 1 to Nov. 1.<br>Private aid.  |
| 20260  | HIGHLAND PARK<br>BREAKWATER LIGHT                                | 42-11-27.000N<br>087-47-12.000W | Q R  | 21<br>6       |              | On yellow post.                             | Maintained f from May 1 to Oct. 31.<br>Private aid.  |
| 20275  | LAKE FOREST<br>BREAKWATER LIGHT                                  | 42-15-01.531N<br>087-49-03.713W | FI R 4s  | 25<br>8       |              | TR on post.                                 | Maintained f from Mar. 1 to Dec. 15.<br>Private aid.   |
| 20280  | LAKE FOREST JETTY LIGHT  | 42-15-02.219N<br>087-49-05.599W | FI G 4s  | 21<br>6       |              | SG on post.                                 | Maintained f from Mar. 1 to Dec. 15.<br>Private aid.   |
| <b>Great Lakes</b>                               |  |                                 |  |               |              |   |  |
| 20282  | - Buoy N   | 42-19-22.620N<br>087-49-14.262W |  |               |              | Yellow Can                                  | Maintained f from Apr. 14 to Oct. 14.  |
| 20284  | - Buoy S   | 42-18-18.972N<br>087-49-06.054W |  |               |              | Yellow Can                                  | Maintained f from Apr. 14 to Oct. 14.  |
| 20285  | - LIGHT 2  | 42-18-21.270N<br>087-49-29.105W | FI R 4s  | 34<br>10      | 6            | White cylindrical tower with red band.      |  |
| 20290  | - LIGHT 1  | 42-18-18.376N<br>087-49-35.121W | FI G 4s  | 34<br>10      | 5            | White cylindrical tower with green band.    |  |
| 20295  | - LIGHT 4  | 42-18-29.854N<br>087-49-50.012W | FI R 2.5s  | 15<br>5       | 4            | TR on tower.                                |  |
| 20300  | - LIGHT 3  | 42-18-27.991N<br>087-49-51.774W | FI G 2.5s  | 15<br>5       | 5            | SG on tower.                                |  |
| 20301  | - Buoy A   | 42-18-17.988N<br>087-48-41.628W |  |               |              | Yellow can.                                 |  |
| 20302  | - Buoy B   | 42-18-59.298N<br>087-48-41.892W |  |               |              | Yellow can.                                 |  |
| 20303  | - Buoy C   | 42-19-42.474N<br>087-48-41.628W |  |               |              | Yellow can.                                 |  |
| <b>PORT WASHINGTON TO WAUKEGAN (Chart 14904)</b> |  |                                 |  |               |              |   |  |
| <b>Waukegan</b>                                  |  |                                 |  |               |              |   |  |
| 20305  | WAUKEGON SOUTH<br>HARBOR MARINA LIGHT 2                          | 42-21-20.574N<br>087-49-13.542W | Q R  | 26<br>8       |              | On pile.                                    | Maintained f from Apr. 1 to Nov. 1.<br>Private aid.  |
| 20310  | - SOUTH HARBOR MARINA<br>LIGHT 1                                 | 42-21-24.000N<br>087-49-14.700W | Q G  | 26<br>8       |              | On pile.                                    | Maintained f from Apr. 1 to Nov. 1.<br>Private aid.  |
| 20315  | - <b>Harbor Light</b>  | 42-21-38.320N<br>087-48-48.240W | Oc G 4s  | 36<br>11      | 12           | On cylindrical tower with green band.<br>36 | HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates by key the microphone 5 times on VHF channel 83A. |
| 20325  | - Shoals Buoy 1  | 42-21-27.105N<br>087-47-39.606W |  |               |              | Green can.                                  |  |
| 20330  | - <i>Shoals Lighted Buoy 3</i><br>Marks northeast side of shoal. | 42-21-40.899N<br>087-47-52.820W | FI G 2.5s  |               | 4            | Green.                                      | Replaced by can f from Dec 1 to Apr 21.  |
| 20335  | - BREAKWATER LIGHT   | 42-21-44.431N<br>087-48-38.828W | FI (2)R 5s<br>0.4s fl 0.6s<br>ec.<br>0.4s fl 3.6s<br>ec. | 32<br>10      | 6            | White cylindrical tower with red band.      |  |
| 20340  | - NORTH PIERHEAD LIGHT   | 42-21-40.870N<br>087-48-52.955W | FI R 4s  | 24<br>7       | 4            | TR on post.                                 |  |

| (1)<br>No.  | (2)<br>Name and Location                | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                       | (8)<br>Remarks  |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE MICHIGAN</b>  |   |                                 |                       |               |              |  |   |
| <b>PORT WASHINGTON TO WAUKEGAN (Chart 14904)</b>            |   |                                 |                       |               |              |  |   |
| 20345   | COMMONWEALTH EDISON<br>BREAKWATER LIGHT | 42-22-54.600N<br>087-48-15.600W | FI R 6s               | 35<br>11      |              | On skeleton tower.                                     | Private aid.  |
| 20350   | JOHNS-MANVILLE INTAKE<br>CRIB LIGHT     | 42-23-26.340N<br>087-48-37.074W | Q W                   | 38<br>12      |              | On skeleton tower.                                     | Private aid.  |
| <b>Zion Intake</b>  |   |                                 |                       |               |              |  |   |
| <i>Lights maintained from Apr. 1 to Oct. 31.</i>            |   |                                 |                       |               |              |  |   |
| 20355   | - Lighted Buoy A                        | 42-26-38.460N<br>087-47-31.500W | Q W                   |               |              | White with orange<br>bands and<br>diamond.             | Private aid.  |
| 20360   | - WEST LIGHT                            | 42-26-38.220N<br>087-47-28.920W | FI W 2.5s             | 5<br>2        |              | NW on post.  | Private aid.  |
| 20380   | Zion Discharge Buoy B                   | 42-26-44.000N<br>087-47-42.000W |                       |               |              | White can with<br>orange bands and<br>diamond.         | Maintained from Apr. 1 to Oct.<br>31.<br>Private aid.   |
| 20385   | Zion Discharge Buoy C                   | 42-26-41.000N<br>087-47-42.000W |                       |               |              | White can with<br>orange bands and<br>diamond.         | Maintained from Apr. 1 to Oct.<br>31.<br>Private aid.   |
| <b>Northpoint Marina</b>                                    |   |                                 |                       |               |              |  |   |
| <i>Aids to navigation maintained from Apr. 1 to Nov. 1.</i> |   |                                 |                       |               |              |  |   |
| 20386   | - Reef Obstruction Lighted<br>Buoy A    | 42-28-49.275N<br>087-47-53.076W | Q W                   |               |              | White with orange<br>bands and diamond<br>worded REEF. | Private aid.  |
| 20387   | - Reef Obstruction Lighted<br>Buoy B    | 42-28-53.324N<br>087-47-52.723W | Q W                   |               |              | White with orange<br>bands and diamond<br>worded REEF. | Private aid.  |
| 20388   | - Reef Obstruction Lighted<br>Buoy C    | 42-28-56.798N<br>087-47-52.515W | Q W                   |               |              | White with orange<br>bands and diamond<br>worded REEF. | Private aid.  |
| 20389   | - Reef Obstruction Lighted<br>Buoy D    | 42-29-00.831N<br>087-47-52.310W | Q W                   |               |              | White with orange<br>bands and diamond<br>worded REEF. | Private aid.  |
| 20390   | - ENTRANCE LIGHT 1                      | 42-29-16.000N<br>087-47-59.000W | FI G 4s               | 20<br>6       |              | SG on post.  | Maintained from Apr. 01 to Nov.<br>30.<br>Private aid.  |
| 20395   | - ENTRANCE LIGHT 2                      | 42-29-17.298N<br>087-47-55.122W | FI R 4s               | 20<br>6       |              | TR on post.  | Maintained from Apr. 01 thru<br>Nov. 30.<br>Private aid.  |
| 20400   | - NORTH OBSTRUCTION<br>LIGHT            | 42-29-22.000N<br>087-47-58.000W | Q W                   | 20<br>6       |              | NW on post.  | Maintained from Apr. 01 to Nov.<br>30.<br>Private aid.  |
| 20405   | - CENTER OBSTRUCTION<br>LIGHT           | 42-29-11.000N<br>087-47-57.000W | Q W                   | 20<br>6       |              | NW on post.  | Maintained from Apr. 01 to Nov.<br>30.<br>Private aid.  |
| 20410   | - SOUTH OBSTRUCTION<br>LIGHT            | 42-29-05.000N<br>087-47-56.000W | Q W                   | 20<br>6       |              | NW on post.  | Maintained from Apr. 01 to Nov.<br>30.<br>Private aid.  |
| <b>Prairie Harbor</b>                                       |   |                                 |                       |               |              |  |   |
| 20412   | - ENTRANCE NORTH PIER<br>LIGHT 2        | 42-29-34.800N<br>087-48-04.200W | FI R 2.5s             | 21<br>6       |              |  | Private aid.  |
| 20413   | - ENTRANCE SOUTH PIER<br>LIGHT 1        | 42-29-33.840N<br>087-48-06.800W | FI G 2.5s             | 21<br>6       |              |  | Private aid.  |
| <b>Kenosha</b>  |   |                                 |                       |               |              |  |   |
| 20415   | - Light                                 | 42-35-19.700N<br>087-48-30.830W | Iso R 6s              | 50<br>15      | 8            | 50   | HORN: 1 blast ev 30s (3s bl).<br>Operate the fog signal by keying<br>the microphone on VHF-FM<br>marine radio five times on<br>channel 83A. |
| 20430   | - BREAKWATER LIGHT                      | 42-35-20.510N<br>087-48-21.070W | FI R 4s               | 20<br>6       | 8            | White cylindrical<br>tower with red<br>band.           | Higher intensity beam lakeward.   |
| 20435   | - SOUTH PIER LIGHT                      | 42-35-17.199N<br>087-48-26.880W | FI G 4s               | 34<br>10      | 5            | Green band on<br>cylindrical tower.                    | Higher intensity beam lakeward.   |
| 20445   | SOUTHPORT MARINA<br>ENTRANCE LIGHT 2    | 42-34-56.300N<br>087-48-35.400W | FI R 4s               | 36<br>11      |              | TR on pile.  | Private aid.  |

| (1)<br>No.                                       | (2)<br>Name and Location                                  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                      | (8)<br>Remarks   |
|--|---|---------------------------------|-----------------------|---------------|--------------|---------------------------------------|--|
| <b>LAKE MICHIGAN</b>                             |   |                                 |                       |               |              |                                       |  |
| <b>PORT WASHINGTON TO WAUKEGAN (Chart 14904)</b> |   |                                 |                       |               |              |                                       |  |
| <b>Kenosha</b>                                   |   |                                 |                       |               |              |                                       |  |
| 20450  | SOUTHPORT MARINA<br>ENTRANCE LIGHT 1                      | 42-34-58.800N<br>087-48-34.800W | FI G 4s               | 31<br>9       |              | SG on pile.                           | Private aid.   |
| 20455  | SOUTHPORT MARINA INNER<br>BREAKWATER LIGHT                | 42-34-54.400N<br>087-48-39.200W | Q W                   | 34<br>10      |              | NW on post<br>worded DANGER<br>ROCKS. | Private aid.   |
| <b>RACINE HARBOR (Chart 14925)</b>               |   |                                 |                       |               |              |                                       |  |
| <b>Racine</b>                                    |   |                                 |                       |               |              |                                       |  |
| 20470  | - LAUNCH BASIN<br>ENTRANCE LIGHT                          | 42-43-42.900N<br>087-46-38.200W | FI R 2.5s             | 27<br>8       |              | TR on post.                           | Maintained from Mar. 1 to Dec.<br>15.<br>Private aid.  |
| 20475  | - LAUNCH BASIN INNER<br>LIGHT                             | 42-43-43.800N<br>087-46-38.900W | FI G 2.5s             | 23<br>7       |              | SG on post.                           | Maintained from Mar. 1 to Dec.<br>15.<br>Private aid.  |
| 20480  | - <b>Reef Light</b><br>Marks east side of reef.           | 42-43-39.184N<br>087-44-10.019W | FI W 6s               | 50<br>15      | 11           | On skeleton tower.<br>50              | HORN: 1 blast ev 15s (2s bl).<br>Operates continuously from 01<br>Apr. to 01 Nov.                            |
| 20483  | - <i>Reef Lighted Buoy 18</i><br>Marks east side of reef. | 42-43-39.965N<br>087-44-01.132W | FI R 2.5s             |               | 5            | Red.                                  | Replaced by nun from Dec. 1 to<br>Apr. 21. AIS MMSI: 993682608   |
| 20485  | - <i>Reef West End Lighted Buoy</i><br>1                  | 42-43-33.059N<br>087-46-01.360W | FI G 4s               |               | 4            | Green.                                | Replaced by can from Dec. 1 to<br>Apr. 21.   |
| 20490  | - <b>East Harbor Entrance<br/>Light 2</b>                 | 42-44-01.000N<br>087-46-14.000W | Q R                   | 50<br>15      |              | On post with 10 ft.<br>lightpipe.     | Maintained from Apr. 1 to Nov.<br>1.<br>HORN: 2 blasts ev 18s (2s bl-2s<br>si-2s bl-12s si).<br>Private aid. |
| 20495  | - WEST HARBOR<br>ENTRANCE LIGHT 3                         | 42-44-00.000N<br>087-46-18.700W | Q G                   | 52<br>16      |              | SG on skeleton<br>tower.              | Maintained from Apr. 15 to Oct.<br>31.<br>Private aid.   |
| 20500  | - HARBOR LIGHT 5  | 42-44-01.800N<br>087-46-29.000W | Q G                   | 33<br>10      |              | SG on pile.                           | Maintained from Mar. 1 to Dec.<br>15.<br>Private aid.  |
| 20505  | - <i>Harbor Channel Lighted Buoy</i><br>4                 | 42-44-05.300N<br>087-46-25.000W | Q R                   |               |              | Red.                                  | Maintained from Apr. 15 to Oct.<br>31.<br>Private aid.   |
| 20510  | - <i>Harbor Channel Lighted Buoy</i><br>6                 | 42-44-05.200N<br>087-46-27.000W | Q R                   |               |              | Red.                                  | Maintained from Apr. 15 to Oct.<br>31.<br>Private aid.   |
| 20515  | - HARBOR LIGHT 9  | 42-44-01.800N<br>087-46-32.100W | Q G                   | 18<br>5       |              | SG on post.                           | Maintained from Apr. 15 to Oct.<br>31.<br>Private aid.   |
| 20520  | - <i>Harbor Channel Lighted Buoy</i><br>8                 | 42-44-04.800N<br>087-46-32.000W | Q R                   |               |              | Red.                                  | Maintained from Apr. 15 to Oct.<br>31.<br>Private aid.   |
| 20525  | - <i>Harbor Channel Lighted Buoy</i><br>10                | 42-44-04.000N<br>087-46-35.000W | Q R                   |               |              | Red.                                  | Maintained from Apr. 15 to Oct.<br>31.<br>Private aid.   |
| 20530  | - <i>Harbor Channel Lighted Buoy</i><br>12                | 42-44-03.000N<br>087-46-37.000W | Q R                   |               |              | Red.                                  | Maintained from Apr. 15 to Oct.<br>31.<br>Private aid.   |
| 20535  | - <i>Harbor Preferred Channel<br/>Lighted Buoy</i>        | 42-44-02.800N<br>087-46-39.000W | FI (2+1)R 6s          |               |              | Red and green<br>bands.               | Maintained from Apr. 15 to Oct.<br>31.<br>Private aid.   |
| 20540  | - HARBOR LIGHT 14   | 42-44-02.400N<br>087-46-40.100W | FI R 2.5s             | 33<br>10      |              | TR on pile.                           | Maintained from Mar. 1 to Dec.<br>15.<br>Private aid.  |
| 20545  | - HARBOR LIGHT 13   | 42-43-59.900N<br>087-46-38.900W | Q G                   | 18<br>5       |              | SG on post.                           | Maintained from Apr. 15 to Oct<br>31.<br>Private aid.  |
| 20550  | - HARBOR JUNCTION<br>LIGHT                                | 42-43-59.500N<br>087-46-44.000W | FI (2+1)G 6s          | 30<br>9       |              | JG on pile.                           | Maintained from Mar. 1 to Dec.<br>15.<br>Private aid.  |

| (1)<br>No.                                       | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                  | (8)<br>Remarks  |
|--|---|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE MICHIGAN</b>                             |   |                                 |                       |               |              |   |   |
| <b>RACINE HARBOR (Chart 14925)</b>               |   |                                 |                       |               |              |   |   |
| <b>Racine</b>                                    |   |                                 |                       |               |              |   |   |
| 20555  | - Yacht Club Channel Lighted Buoy 2                                       | 42-44-05.000N<br>087-46-38.000W | Q R                   |               |              | Red.  | Maintained from Apr. 15 to Oct. 31.<br>Private aid.   |
| 20560  | - Yacht Club Channel Lighted Buoy 3                                       | 42-44-05.000N<br>087-46-39.500W | Q G                   |               |              | Green.  | Maintained from Apr. 15 to Oct. 31.<br>Private aid.   |
| 20565  | - Yacht Club Channel Lighted Buoy 4                                       | 42-44-07.000N<br>087-46-36.000W | Q R                   |               |              | Red.  | Maintained from Apr. 15 to Oct. 31.<br>Private aid.   |
| 20570  | - Yacht Club Channel Lighted Buoy 5                                       | 42-44-07.000N<br>087-46-40.000W | Q G                   |               |              | Green.  | Maintained from Apr. 15 to Oct. 31.<br>Private aid.   |
| 20575  | - Yacht Club Channel Lighted Buoy 6                                       | 42-44-09.000N<br>087-46-34.500W | Q R                   |               |              | Red.  | Maintained from Apr. 15 to Oct. 31.<br>Private aid.   |
| 20580  | - Yacht Club Channel Lighted Buoy 8                                       | 42-44-11.000N<br>087-46-34.000W | Q R                   |               |              | Red.  | Maintained from Apr. 15 to Oct. 31.<br>Private aid.   |
| 20585  | - YACHT CLUB SOUTH BREAKWATER LIGHT                                       | 42-44-06.000N<br>087-46-36.000W | F R                   | 15<br>5       |              | On post.  | Maintained from Apr. 1 to Nov. 1.<br>Private aid.   |
| 20590  | - YACHT CLUB NORTH BREAKWATER LIGHT                                       | 42-44-12.000N<br>087-46-30.000W | F G                   | 15<br>5       |              | On post.  | Maintained from Apr. 1 to Nov. 1.<br>Private aid.   |
| <b>LAKE MICHIGAN (Chart 14901)</b>               |   |                                 |                       |               |              |   |   |
| 20595  | NOAA Lighted Weather Buoy 45007   | 42-40-24.984N<br>087-01-34.324W | FI (4)Y 20s           |               |              | Yellow disc-shaped hull.                          | Maintained from Apr 21 to Nov 21.<br>Aid maintained by National Oceanic and Atmospheric Administration. |
| <b>PORT WASHINGTON TO WAUKEGAN (Chart 14904)</b> |   |                                 |                       |               |              |   |   |
| 20600  | Wind Point South Shoal Buoy 16<br>Marks east side of shoal.               | 42-46-13.095N<br>087-44-03.997W |                       |               |              | Red nun.  |   |
| 20605  | <b>Wind Point Light</b>   | 42-46-52.122N<br>087-45-29.995W | FI W 20s              | 111<br>34     | 21           | White conical tower connected to dwelling.<br>111 | The light may display a false or double flash at certain bearings                                       |
| 20610  | Wind Point North Shoal Lighted Buoy 14<br>Marks southeast side of shoals. | 42-47-33.371N<br>087-43-32.124W | FI R 4s               |               | 4            | Red.  | Replaced by nun from Dec. 1 to Apr. 21.   |
| 20613  | OAK CREEK BREAKWATER LIGHT 3  | 42-50-46.198N<br>087-49-30.072W | FI G 4s               | 30<br>9       |              | SG on pile on breakwater.                         | Maintained from Feb. 1 to Dec. 1.<br>Private aid.   |
| 20614  | OAK CREEK BREAKWATER LIGHT 2  | 42-50-47.575N<br>087-49-25.608W | FI R 4s               | 30<br>9       |              | TR on pile on breakwater.                         | Maintained from Feb. 1 to Dec. 1.<br>Private aid.   |
| 20615  | Oak Creek Park Daybeacon 1  | 42-51-55.400N<br>087-50-13.550W |                       |               |              | SG on pile on breakwater.                         | Private aid.  |
| 20616  | OAK CREEK PARK LIGHT 2  | 42-51-58.780N<br>087-50-14.460W | FI R 4s               | 27<br>8       |              | TR on pile on breakwater.                         | Private aid.  |
| 20617  | WISCONSIN ELECTRIC EAST END JETTY LIGHT A                                 | 42-51-11.400N<br>087-49-51.500W | Q Y                   |               |              | Steel sheet pile.                                 | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| 20618  | WISCONSIN ELECTRIC EAST END JETTY LIGHT B                                 | 42-51-11.100N<br>087-49-51.000W | Q Y                   |               |              | Steel sheet pile.                                 | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| 20626.5  | SOUTH MILWAUKEE Y.C. HARBOR ENTRANCE LIGHT 1                              | 42-54-17.000N<br>087-50-34.000W | Q G                   | 12<br>4       |              | SG on pole on top of tanks.                       | Maintained from May 1 to Nov. 1.<br>Private aid.  |

| (1)<br>No.                                       | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                     | (8)<br>Remarks  |
|--|---|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE MICHIGAN</b>                             |   |                                 |                       |               |              |  |   |
| <b>PORT WASHINGTON TO WAUKEGAN (Chart 14904)</b> |   |                                 |                       |               |              |  |   |
| 20627  | SOUTH MILWAUKEE Y.C.<br>HARBOR ENTRANCE LIGHT<br>2                                | 42-54-16.000N<br>087-50-32.000W | Q R                   | 12<br>4       |              | TR on pole on<br>sunken barge.                       | Maintained from May 1 to Nov.<br>1.<br>Private aid.   |
| 20629  | <i>Lighted Dredge 906</i>   | 42-58-06.000N<br>087-47-10.000W | Q W                   |               |              |  | Maintained from May 1 to Oct. 1.<br><br>Private aid.  |
| 20630  | <i>Milwaukee South Point Lighted<br/>Bell Buoy 1</i><br>Marks east side of shoal. | 42-59-20.585N<br>087-49-50.497W | FI G 4s               |               | 5            | Green.   | Replaced by can from Dec. 1 to<br>Apr. 21.  |
| <b>MILWAUKEE HARBOR (Chart 14924)</b>            |   |                                 |                       |               |              |  |   |
| <b>Milwaukee</b>                                 |   |                                 |                       |               |              |  |   |
| 20635  | - <b>Breakwater Light</b>   | 43-01-36.992N<br>087-52-54.927W | FI R 10s              | 61<br>19      | 14           | Black lantern on<br>white square<br>structure.<br>61 | Light Characteristic is FL R (2)<br>10s. Two Red Flashes in 10<br>seconds. HORN: 2 blasts ev<br>20s (2s bl-2s si-2s bl-14s si).<br>Operates by keying the<br>microphone five times on<br>channel 83A. |
| 20645  | - BREAKWATER ENTRANCE<br>SOUTH SIDE LIGHT   | 43-01-31.421N<br>087-52-54.717W | FI G 2.5s             | 48<br>15      | 7            | White cylindrical<br>tower with green<br>band.       |   |
| 20650  | - SOUTH ENTRANCE LIGHT<br>1   | 43-00-27.700N<br>087-52-37.800W | FI G 4s               | 27<br>8       | 5            | SG on post.  |   |
| 20655  | - SOUTH ENTRANCE LIGHT<br>2   | 43-00-30.047N<br>087-52-35.428W | FI R 4s               | 35<br>11      | 5            | White cylindrical<br>tower with red<br>band.         |   |
| 20660  | - NORTH ENTRANCE LIGHT<br>1   | 43-02-37.125N<br>087-52-50.021W | FI G 4s               | 34<br>10      | 7            | White cylindrical<br>tower with green<br>band.       |   |
| 20665  | - NORTH ENTRANCE LIGHT<br>2   | 43-02-41.207N<br>087-52-49.034W | FI R 4s               | 32<br>10      | 4            | TR on post.  |   |
| 20670  | - PIERHEAD LIGHT  | 43-01-33.378N<br>087-53-42.938W | FI R 4s               | 45<br>14      | 7            | TR on cylindrical<br>tower.                          |   |
| 20675  | - SOUTH PIERHEAD LIGHT<br>3   | 43-01-29.844N<br>087-53-40.782W | FI G 4s               | 20<br>6       | 7            | On grey pole with<br>concrete base.                  |   |
| 20681  | LAKESHORE STATE PARK<br>ENTRANCE LT 1   | 43-02-06.000N<br>087-53-43.000W | FI G 2.5s             |               |              |  | Private aid.  |
| 20681.1  | LAKESHORE STATE PARK<br>ENTRANCE LT 2   | 43-02-05.000N<br>087-53-40.000W | FI R 2.5s             |               |              |  | Private aid.  |
| 20685  | - CITY PIER SOUTH SLIP<br>LIGHT 2   | 43-01-22.200N<br>087-53-40.000W | F R                   | 16<br>5       |              | On yellow post.                                      | Private aid.  |
| 20690  | - CITY PIER SOUTH SLIP<br>LIGHT 1   | 43-01-16.800N<br>087-53-41.200W | F G                   | 12<br>4       |              | On yellow post.                                      | Private aid.  |
| 20695  | - CITY SOUTH PIER NO. 2<br>NORTH LIGHT  | 43-01-10.000N<br>087-53-38.000W | FI G 4s               | 20<br>6       |              | On yellow post.                                      | Maintained from Apr. 30 to Nov.<br>30.<br>Private aid.  |
| 20700  | - CITY SOUTH PIER NO. 2<br>SOUTH LIGHT  | 43-01-04.900N<br>087-53-35.000W | Q R                   | 20<br>6       |              | On yellow post.                                      | Maintained from Apr. 30 to Nov.<br>30.<br>Private aid.  |
| 20715  | - TANKER PIER LIGHT   | 43-00-54.000N<br>087-53-24.000W | FI W 4s               | 14<br>4       |              | On green post.                                       | Private aid.  |
| 20720  | - SOUTH DISPOSAL AREA<br>LIGHT 2  | 43-00-17.366N<br>087-53-03.971W | FI R 2.5s             | 31<br>9       | 4            | TR on pile.  |   |
| 20725  | SOUTH SHORE PARK<br>BREAKWATER LIGHT  | 43-00-08.800N<br>087-53-05.400W | Q G                   | 16<br>5       |              | On post standard.                                    | Private aid.  |
| 20729  | SOUTH SHORE PARK<br>ENTRANCE LIGHTED BUOY<br>1                                    | 42-59-37.998N<br>087-52-28.308W | FI G 4s               | 3<br>1        |              | Green.   | Maintained from May 1 to Oct.<br>15.<br>Private aid.  |
| 20730  | <i>South Shore Park Entrance<br/>Lighted Buoy 2</i>                               | 42-59-41.062N<br>087-52-21.485W | FI R 2.5s             |               |              | Red.   | Maintained from May 1 to Oct.<br>15.<br>Private aid.  |

| (1)<br>No.   | (2)<br>Name and Location                       | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                 | (8)<br>Remarks   |
|--|--|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>LAKE MICHIGAN</b>   |  |                                 |                       |               |              |  |  |
| <b>MILWAUKEE HARBOR (Chart 14924)</b>                        |  |                                 |                       |               |              |  |  |
| <b>Milwaukee</b>   |  |                                 |                       |               |              |  |  |
| 20735  | Texas Rock Regulatory Buoy                     | 43-59-28.559N<br>087-52-23.378W |                       |               |              | White can with orange bands worded DANGER ROCKS. | Maintained from Apr. 14 to Oct. 14.  |
| 20751  | - War Memorial South Day beacon                | 43-02-19.100N<br>087-53-45.000W |                       |               |              | NW on pile worded DANGER BREAKWATER.             | Private aid.   |
| 20752  | - War Memorial North Day beacon                | 43-02-22.200N<br>087-53-44.800W |                       |               |              | NW on pile worded DANGER BREAKWATER.             | Private aid.   |
| 20754  | VETERANS PARK WEST LIGHT                       | 43-02-35.100N<br>087-53-18.720W | FI W 4s               |               |              |  | Private aid.   |
| 20754.1  | VETERANS PARK EAST LIGHT                       | 43-02-35.880N<br>087-53-16.360W | FI W 4s               |               |              |  | Private aid.   |
| <b>Mickinley Marina</b>                                      |  |                                 |                       |               |              |  |  |
| <i>Aids to navigation maintained from Apr. 1 to Oct. 31.</i> |  |                                 |                       |               |              |  |  |
| 20755  | - LIGHT 1                                      | 43-02-46.000N<br>087-52-54.500W | Q G                   | 20<br>6       |              | SG on post.                                      | Private aid.   |
| 20756  | - PREFERRED CHANNEL LIGHT A/B                  | 43-02-48.200N<br>087-52-50.700W | FI (2+1)R 6s          | 21<br>6       |              | JR on post.                                      | Private aid.   |
| 20757  | - LIGHT 2                                      | 43-02-42.400N<br>087-52-52.900W | FI R 2.5s             | 21<br>6       |              | TR on post.                                      | Private aid.   |
| 20758  | - Day beacon 3                                 | 43-02-51.500N<br>087-52-50.300W |                       |               |              | SG on post.                                      | Private aid.   |
| 20759  | - Day beacon 4                                 | 43-02-51.300N<br>087-52-46.900W |                       |               |              | TR on post.                                      | Private aid.   |
| 20760  | - Day beacon 5                                 | 43-03-01.000N<br>087-52-58.300W |                       |               |              | SG on post.                                      | Private aid.   |
| 20761  | - Day beacon 6                                 | 43-03-00.400N<br>087-52-56.100W |                       |               |              | TR on post.                                      | Private aid.   |
| <b>PORT WASHINGTON TO WAUKEGAN (Chart 14904)</b>             |  |                                 |                       |               |              |  |  |
| 20761.5  | <i>UWM BBB 1</i>                               | 43-03-33.120N<br>087-51-58.320W | Q Y                   |               |              |  | Private aid.   |
| 20762  | <i>UWM ATW</i>                                 | 43-05-53.760N<br>087-50-58.680W | FI Y 4s               |               |              |  | Maintained from Apr. 1 to Nov. 1.<br>Private aid.  |
| 20762.1  | <i>UWM SFS</i>                                 | 43-05-47.460N<br>087-51-52.200W | FI Y 4s               |               |              |  | Maintained from 1 Apr. to Nov. 1.<br>Private aid.  |
| 20763  | <i>Milwaukee Yacht Club Race Buoy</i>          | 43-02-15.180N<br>087-47-03.900W | FI W 2.5s             |               |              |  | Maintained from May 1 to Nov. 1.<br>Private aid.   |
| 20765  | KEVICH LIGHT                                   | 43-19-23.700N<br>087-53-18.500W | Iso W 8s              | 163<br>50     |              | White cylindrical tower.                         | Private aid.   |
| <b>Port Washington</b>                                       |  |                                 |                       |               |              |  |  |
| 20770  | - BREAKWATER LIGHT                             | 43-23-06.942N<br>087-51-34.802W | FI R 6s               | 78<br>24      | 7            | On square tower.                                 | HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Fog signal operates by keying the microphone five times on VHF-FM channel 83A. |
| 20780  | - HARBOR BREAKWATER LIGHT 1                    | 43-23-04.000N<br>087-51-39.000W | FI G 4s               | 34<br>10      | 6            | White cylindrical tower with green band.         |  |
| 20790  | - HARBOR LIGHT 4                               | 43-23-15.127N<br>087-51-48.570W | FI R 2.5s             | 27<br>8       | 4            | TR on post.                                      |  |
| 20795  | - MUNICIPAL MARINA LIGHT 1                     | 43-23-17.766N<br>087-51-48.978W | FI G 2.5s             | 27<br>8       | 5            | SG on post.                                      |  |
| <b>ALGOMA TO SHEBOYGAN (Chart 14903)</b>                     |  |                                 |                       |               |              |  |  |
| <b>Sheboygan</b>   |  |                                 |                       |               |              |  |  |
| 20805  | - GENERATING STATION SOUTH INTAKE CRIB LIGHT 6 | 43-42-55.980N<br>087-41-58.380W | FI R 3s               | 49<br>15      |              | TR on skeleton tower on cylindrical well.        | Private aid.   |



| (1)<br>No.                                   | (2)<br>Name and Location                                    | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks  |
|--|---|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>LAKE MICHIGAN</b>                         |   |                                 |                       |               |              |  |   |
| <b>ALGOMA TO SHEBOYGAN (Chart 14903)</b>     |   |                                 |                       |               |              |  |   |
| <b>Sheboygan</b>                             |   |                                 |                       |               |              |  |   |
| 20810  | - GENERATING STATION<br>MIDDLE INTAKE CRIB LIGHT<br>4       | 43-43-00.000N<br>087-41-49.600W | FI R 10s              | 50<br>15      |              | TR on rectangular<br>tower.                              | Priv ate aid.   |
| 20815  | - <i>Generating Station North<br/>Intake Lighted Buoy 2</i> | 43-43-02.000N<br>087-42-01.200W | FI R 4s               |               |              | Red.   | Maintained from May 1 to Oct.<br>15.<br>Priv ate aid.   |
| <b>MANITOWOC AND SHEBOYGAN (Chart 14922)</b> |   |                                 |                       |               |              |  |   |
| <b>Sheboygan</b>                             |   |                                 |                       |               |              |  |   |
| 20820  | - BREAKWATER LIGHT  | 43-44-58.200N<br>087-41-33.800W | FI R 4s               | 55<br>17      | 8            | On cylindrical<br>tower.                                 | HORN: 1 blast ev 30s (3s bl).<br>Fog signal operates by keying<br>the microphone five times on<br>VHF-FM channel 83A. |
| 20830  | - SOUTH PIERHEAD LIGHT                                      | 43-44-54.927N<br>087-41-41.619W | FI G 4s               | 22<br>7       | 6            | SG on post.  |   |
| 20832  | - MARINA LIGHT 2  | 43-45-02.200N<br>087-42-03.600W | FI R 4s               | 20<br>6       |              | TR on pole.  | Maintained from May 1 to Nov.<br>15.<br>Priv ate aid.   |
| 20833  | - Marina Day beacon 1                                       | 43-45-04.800N<br>087-42-04.700W |                       |               |              | SG on pole.  | Priv ate aid.   |
| 20835  | - NORTH PIERHEAD LIGHT                                      | 43-44-57.484N<br>087-42-09.377W | F R                   | 29<br>9       | 6            | TR on post.  |   |
| 20840  | - <i>Reef Lighted Buoy 2</i><br>Marks east side of reef.    | 43-45-26.718N<br>087-41-09.431W | FI R 2.5s             |               | 5            |  | Maintained from Apr. 14 to Nov.<br>07   |
| <b>Manitowoc</b>                             |   |                                 |                       |               |              |  |   |
| 20842  | - INTAKE EAST LIGHT   | 44-04-42.000N<br>087-38-54.000W | Q W                   | 10<br>3       |              | On post.   | Maintained from Apr. 15 to Dec.<br>1.<br>Priv ate aid.  |
| 20843  | - INTAKE WEST LIGHT   | 44-04-49.800N<br>087-39-18.000W | Q W                   | 10<br>3       |              | On post.   | Maintained from Apr.15 to Dec.<br>1.<br>Priv ate aid.   |
| 20845  | - Shoal Buoy 1<br>Marks northeast side of<br>shoal.         | 44-05-18.132N<br>087-37-44.119W |                       |               |              | Green can.   |   |
| 20850  | - Shoal Buoy 2  | 44-05-56.752N<br>087-37-32.183W |                       |               |              | Red nun.   |   |
| 20855  | - SOUTH BREAKWATER<br>LIGHT 3                               | 44-05-29.101N<br>087-38-36.950W | FI G 2.5s             | 37<br>11      | 7            | White cylindrical<br>tower with green<br>band.           | Higher intensity beam lakeward.   |
| 20860  | - <b>Breakwater Light</b>                                   | 44-05-33.918N<br>087-38-36.910W | Iso W 6s              | 52<br>16      | 13           | On cylindrical<br>tower on fog signal<br>building.<br>52 | HORN: 2 blasts ev 30s (2s bl-2s<br>si-2s bl-24s si). Operates by<br>keying microphone five times on<br>VHF-FM CH 83A. |
| 20863  | - No Wake Buoy  | 44-05-36.000N<br>087-38-48.000W |                       |               |              | White can with<br>orange bands.                          | Maintained from Apr. 15 to Oct.<br>1.<br>Priv ate aid.  |
| 20865  | - Buoy 6  | 44-05-35.208N<br>087-38-51.063W |                       |               |              | Red nun.   | Maintained from Apr. 14 to Nov.<br>14.  |
| <b>Manitowoc Harbor of Refuge</b>            |   |                                 |                       |               |              |  |   |
| 20870  | - Junction Buoy Mh  | 44-05-35.258N<br>087-38-58.408W |                       |               |              | Red and green<br>bands; nun.                             | Maintained from Apr. 14 to Nov.<br>14.  |
| 20875  | - PIERHEAD LIGHT 8  | 44-05-32.650N<br>087-39-05.560W | FI R 4s               | 33<br>10      | 4            | TR on skeleton<br>tower.                                 |   |
| 20876  | Manitowoc Riv er Buoy 9                                     | 44-05-48.284N<br>087-39-56.488W |                       |               |              |  | Maintained from Apr. 14 to Nov.<br>14   |
| 20878  | CITY CENTRE PILE 1  | 44-05-49.500N<br>087-39-56.040W | FI W 2.5s             |               |              |  | Priv ate aid.   |
| 20879  | CITY CENTRE PILE 2  | 44-05-49.440N<br>087-39-56.700W | FI W 2.5s             |               |              |  | Priv ate aid.   |

| (1)<br>No.                                   | (2)<br>Name and Location                        | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                           | (8)<br>Remarks   |
|--|---|---------------------------------|-----------------------|---------------|--------------|--|--|
| <b>LAKE MICHIGAN</b>                         |   |                                 |                       |               |              |  |  |
| <b>MANITOWOC AND SHEBOYGAN (Chart 14922)</b> |   |                                 |                       |               |              |  |  |
| <b>Manitowoc</b>                             |   |                                 |                       |               |              |  |  |
| <b>Manitowoc Harbor of Refuge</b>            |   |                                 |                       |               |              |  |  |
| 20880  | - Buoy 1  | 44-05-37.576N<br>087-38-58.399W |                       |               |              | Green can.                                 | Maintained from Apr. 14 to Nov. 14.  |
| 20885  | - Buoy 2  | 44-05-37.690N<br>087-38-53.597W |                       |               |              | Red nun.                                   | Maintained from Apr. 14 to Nov. 14.  |
| 20890  | - Buoy 3  | 44-05-39.832N<br>087-38-58.887W |                       |               |              | Green can.                                 | Maintained from Apr. 14 to Nov. 14.  |
| 20895  | - LIGHT 4                                       | 44-05-40.300N<br>087-38-56.000W | FI R 2.5s             | 15<br>5       | 4            | TR on post.                                |  |
| 20900  | - ICE BOOM WEST LIGHT                           | 44-05-41.900N<br>087-38-55.500W | Q R                   |               |              | On post.                                   | Maintained on station only during deployment of ice boom.<br>Private aid.                                      |
| 20905  | - ICE BOOM EAST LIGHT                           | 44-05-41.900N<br>087-38-55.900W | Q R                   | 4<br>1        |              | On post.                                   | Maintained on station only during deployment of ice boom.<br>Private aid.                                      |
| 20910  | - LIGHT 5                                       | 44-05-41.900N<br>087-38-56.000W | FI G 2.5s             | 15<br>5       | 5            | SG on post.                                |  |
| 20915  | - Day beacon 6                                  | 44-05-41.500N<br>087-38-53.300W |                       |               |              | TR on post.                                |  |
| <b>ALGOMA TO SHEBOYGAN (Chart 14903)</b>     |   |                                 |                       |               |              |  |  |
| <b>Two Rivers</b>                            |   |                                 |                       |               |              |  |  |
| 20925  | - NORTH PIERHEAD LIGHT                          | 44-08-34.030N<br>087-33-37.660W | FI R 2.5s             | 34<br>10      | 12           | White cylindrical tower with red band.     | HORN: 1 blast ev 15s (2s bl). Operates by keying microphone five times on VHF-FM Ch. 83A.                      |
| 20930  | - SOUTH PIERHEAD LIGHT                          | 44-08-32.034N<br>087-33-41.688W | FI G 4s               | 30<br>9       | 4            | SG on post.                                |  |
| <b>ALGOMA TO SHEBOYGAN (Chart 14903)</b>     |   |                                 |                       |               |              |  |  |
| 20935  | <b>Rawley Point Light</b>                       | 44-12-38.821N<br>087-30-31.615W | FI W 15s              | 113<br>34     | 21           | On cylindrical tower.<br>113               |  |
| <b>Kewaunee</b>                              |   |                                 |                       |               |              |  |  |
| 20950  | - SHOAL LIGHT                                   | 44-27-03.941N<br>087-27-55.369W | FI G 4s               | 43<br>13      | 8            | White cylindrical tower with green band.   | HORN: 1 blast ev 15s (2s bl). Operates from Apr. 1 to Nov. 1.  |
| 20955  | - <b>Pierhead Light</b>                         | 44-27-26.670N<br>087-29-34.400W | F W                   | 45<br>14      | 15           | Square tower on fog signal building.<br>45 | HORN: 1 blast ev 30s (3s bl). Operated by keying the microphone five times on VHF FM channel 83A / 157.175MHz. |
| 20965  | - BREAKWATER LIGHT                              | 44-27-29.310N<br>087-29-26.580W | FI R 4s               | 39<br>12      | 8            | White cylindrical tower with red band.     |  |
| 20970  | - NORTH PIERHEAD LIGHT 4                        | 44-27-33.018N<br>087-29-48.346W | FI R 6s               | 38<br>12      | 4            | TR on pile.                                |  |
| <b>LOWER GREEN BAY (Chart 14910)</b>         |   |                                 |                       |               |              |  |  |
| <b>Algoma</b>                                |   |                                 |                       |               |              |  |  |
| 20975  | - <b>Light</b>                                  | 44-36-25.092N<br>087-25-45.513W | Iso R 6s              | 48<br>15      | 16           | Cylindrical tower.<br>48                   | HORN: 1 blast ev 10s (1s bl). Operates by keying microphone five times on VHF-FM Ch. 83A.                      |
| 20980  | - LIGHT 1                                       | 44-36-23.180N<br>087-25-47.304W | FI G 4s               | 20<br>6       | 6            | SG on post.                                |  |
| 20985  | - LIGHT 2                                       | 44-36-26.720N<br>087-25-48.810W | FI R 4s               | 28<br>9       | 4            | TR on pile on post.                        |  |
| <b>STURGEON BAY AND CANAL (Chart 14919)</b>  |   |                                 |                       |               |              |  |  |
| 20990  | Canal Shoal Buoy 1<br>Marks east side of shoal. | 44-45-33.500N<br>087-18-06.050W |                       |               |              | Green can.                                 |  |

| (1)<br>No.                                    | (2)<br>Name and Location                                   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE MICHIGAN</b>                          |  |                                 |                       |               |              |   |   |
| <b>STURGEON BAY AND CANAL (Chart 14919)</b>   |  |                                 |                       |               |              |   |   |
| <b>Sturgeon Bay Ship Canal</b>                |  |                                 |                       |               |              |   |   |
| 20995   | - Light  | 44-47-42.038N<br>087-18-48.030W | FI R 10s              | 107<br>33     | 17           | On cylindrical tower.<br>107                                  |   |
| 21005   | - NORTH PIERHEAD LIGHT                                     | 44-47-31.260N<br>087-18-34.322W | FI R 2.5s             | 40<br>12      | 11           | Cylindrical tower attached to fog signal building.            | HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates by keying the microphone five times on VHF FM marine radio channel 83A/157.175MHz. |
| 21010   | - Lighted Buoy 2   | 44-46-43.000N<br>087-17-24.000W | FI R 2.5s             |               | 4            | Red.  | Replaced by nun f from Nov. 07 to Apr. 14.  |
| 21015   | - Buoy 3   | 44-47-20.480N<br>087-18-27.955W |                       |               |              | Green can.  |   |
| 21020   | - Buoy 4   | 44-47-23.718N<br>087-18-21.265W |                       |               |              | Red nun.  |   |
| 21025   | - SOUTH PIERHEAD LIGHT                                     | 44-47-28.730N<br>087-18-37.700W | FI G 4s               | 32<br>10      | 5            | White cylindrical tower with green band.<br>SG on pile.       |   |
| 21030   | - South Day beacon 5A                                      | 44-47-36.000N<br>087-18-48.000W |                       |               |              |   |   |
| 21035   | - LIGHT 6  | 44-47-38.952N<br>087-18-47.536W | FI R 4s               | 11<br>3       | 4            | TR on post.   |   |
| 21040   | - LIGHT 7  | 44-48-19.911N<br>087-19-50.735W | FI G 4s               | 31<br>9       | 4            | SG on post.   |   |
| 21045   | - Buoy 9   | 44-48-43.334N<br>087-20-26.468W |                       |               |              | Green can.  |   |
| 21050   | - Buoy 10  | 44-48-45.204N<br>087-20-24.138W |                       |               |              | Red nun.  |   |
| 21055   | - Buoy 11  | 44-48-54.163N<br>087-20-44.188W |                       |               |              | Green can.  |   |
| 21060   | - LIGHT 12   | 44-48-57.797N<br>087-20-41.601W | FI R 4s               | 21<br>6       | 4            | TR on pile.   |   |
| 21065   | - RANGE FRONT LIGHT  | 44-48-42.585N<br>087-20-10.030W | Q W                   | 26<br>8       |              | KRW on skeleton tower.  | Lighted throughout 24 hours.  |
| 21070   | - RANGE REAR LIGHT<br>1,658 feet, 120.4° from front light. | 44-48-34.308N<br>087-19-50.194W | F W                   | 46<br>14      |              | KRW on skeleton tower.  | Lighted throughout 24 hours.  |
| <b>Strawberry Creek Channel Entrance</b>      |  |                                 |                       |               |              |   |   |
| <i>Aids maintained from Jun. 1 to Nov. 1.</i> |  |                                 |                       |               |              |   |   |
| 21075   | - Lighted Bouy 1   | 44-48-46.000N<br>087-20-38.000W |                       |               |              | Green.  | Private aid.  |
| 21080   | - Buoy 2   | 44-48-46.300N<br>087-20-40.000W |                       |               |              | Red nun.  | Private aid.  |
| 21085   | - LIGHT 3  | 44-48-44.000N<br>087-20-42.500W | F G                   | 38<br>12      |              | On tower.   | Private aid.  |
| 21090   | - LIGHT 4  | 44-48-43.600N<br>087-20-40.000W | F R                   | 38<br>12      |              | On tower.   | Private aid.  |
| 21095   | - RANGE FRONT LIGHT  | 44-48-40.000N<br>087-20-42.000W | F G                   | 14<br>4       |              | On post.  | Private aid.  |
| 21100   | - RANGE REAR LIGHT<br>125 feet, 190° from front light.     | 44-48-38.200N<br>087-20-43.000W | F G                   | 20<br>6       |              | On post.  | Private aid.  |
| <b>Sturgeon Bay Ship Channel</b>              |  |                                 |                       |               |              |   |   |
| 21105   | STURGEON BAY SHIP CANAL LEADING LIGHT                      | 44-49-52.714N<br>087-22-56.999W | F G                   | 25<br>8       | 5            | NB on 2nd span from west end of highway bridge.<br>Green can. | Lighted throughout 24 hours.  |
| 21110   | Sturgeon Bay Ship Canal Buoy 15                            | 44-49-24.745N<br>087-21-53.765W |                       |               |              | Green can.  |   |
| 21115   | Sturgeon Bay Ship Canal Buoy 16                            | 44-49-26.581N<br>087-21-52.240W |                       |               |              | Red nun.  |   |
| 21117   | Sturgeon Bay Ship Canal Lighted Buoy 15A                   | 44-49-35.280N<br>087-22-19.140W | FI G 2.5s             |               | 4            | Green can.  | Replaced by can f from Nov. 21 to Apr. 21.  |

| (1)<br>No.                                  | (2)<br>Name and Location                            | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|---|---|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE MICHIGAN</b>                        |   |                                 |                       |               |              |   |  |
| <b>STURGEON BAY AND CANAL (Chart 14919)</b> |   |                                 |                       |               |              |   |  |
| <b>Sturgeon Bay Ship Channel</b>            |   |                                 |                       |               |              |   |  |
| 21118                                       | <i>Sturgeon Bay Ship Canal<br/>Lighted Buoy 16A</i> | 44-49-37.260N<br>087-22-17.100W | FI R 4s               |               | 4            | Red.  | Replaced by nun f from Nov. 21 to Apr. 21.   |
| 21120                                       | <i>Sturgeon Bay Ship Canal<br/>Lighted Buoy 17</i>  | 44-49-39.863N<br>087-22-37.145W | Q G                   |               | 4            | Green.  | Replaced by can f from Nov. 21 to Apr. 21.   |
| 21125                                       | Sturgeon Bay Ship Canal<br>Buoy 19                  | 44-50-01.860N<br>087-22-57.161W |                       |               |              | Green can.  |  |
| 21130                                       | Dunlap Reef Buoy C                                  | 44-50-05.000N<br>087-23-11.000W |                       |               |              | White with orange bands and orange diamond worded SHALLOW AREA. | Maintained from Apr. 1 to Oct. 31.<br>Private aid.   |
| 21135                                       | Dunlap Reef Buoy B                                  | 44-50-14.000N<br>087-23-21.900W |                       |               |              | White can with orange bands and diamond worded SHALLOW AREA.    | Maintained from Apr. 1 to Oct. 31.<br>Private aid.   |
| 21140                                       | Dunlap Reef Buoy D                                  | 44-50-15.800N<br>087-23-12.900W |                       |               |              | White can with orange bands and diamond worded SHALLOW AREA.    | Maintained from Apr. 1 to Oct. 31.<br>Private aid.   |
| 21155                                       | - Buoy 22   | 44-50-48.321N<br>087-23-31.719W |                       |               |              | Red nun.  |  |
| 21160                                       | - LIGHT 21<br>Marks north side of Dunlap Reef.      | 44-50-24.844N<br>087-23-17.513W | FI G 4s               | 31<br>9       | 7            | SG on post.   | Higher intensity beam up and downstream.   |
| 21165                                       | Dunlap Reef Buoy A                                  | 44-50-25.000N<br>087-23-21.000W |                       |               |              | White with orange bands and orange diamond worded SHALLOW AREA. | Maintained from Apr. 1 to Oct. 31.<br>Private aid.   |
| 21170                                       | - Buoy 23   | 44-50-46.985N<br>087-23-35.527W |                       |               |              | Green can.  |  |
| 21175                                       | - Buoy 24   | 44-51-09.613N<br>087-23-49.071W |                       |               |              | Red nun.  | Maintained from Apr. 21 to Nov. 21.  |
| 21180                                       | - Buoy 25   | 44-51-08.531N<br>087-23-53.703W |                       |               |              | Green can.  | Maintained from Apr. 21 to Nov. 21.  |
| 21185                                       | - <i>Lighted Buoy 26</i>                            | 44-51-35.436N<br>087-24-09.306W | FI R 4s               |               | 4            | Red.  | Replaced by nun f from Nov. 21 to Apr. 21.   |
| 21190                                       | - LIGHT 27  | 44-51-34.200N<br>087-24-17.210W | FI G 4s               | 29<br>9       | 5            | SG on post.   | Higher intensity beam up and downstream.   |
| 21195                                       | - Buoy 28   | 44-52-04.395N<br>087-24-29.406W |                       |               |              | Red nun.  |  |
| 21200                                       | - Buoy 29   | 44-52-02.843N<br>087-24-35.848W |                       |               |              | Green can.  |  |
| 21205                                       | - <b>Entrance Leading Light</b>                     | 44-52-07.440N<br>087-24-52.954W | F Y                   | 36<br>11      | 17           | KRW on cylindrical tower.<br>36                                 | Sectored light, Yellow light in the channel center, green light right of channel center, red light left of channel center. |
| 21206                                       | - <i>Lighted Buoy 30</i>                            | 44-52-33.000N<br>087-24-48.000W | Q R                   |               | 4            | Red.  | Replaced by nun f from Apr. 21 to Nov. 21.   |
| 21210                                       | - Buoy 31<br>Marks east side of shoal.              | 44-52-45.709N<br>087-24-55.219W |                       |               |              | Green can.  | Maintained from Apr. 21 to Nov. 21.  |
| 21215                                       | - <i>Lighted Buoy 32</i>                            | 44-52-43.813N<br>087-24-48.727W | FI R 2.5s             |               | 4            | Red.  | Replaced by nun f from Nov. 21 to Apr. 21.   |
| 21217                                       | DOOR COUNTY PARK LIGHT<br>1                         | 44-54-15.000N<br>087-24-23.000W | FI G 4s               |               |              |   | Maintained from Apr. 1 TO Nov. 30.<br>Private aid.   |

| (1)<br>No.                                  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                                    | (8)<br>Remarks   |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE MICHIGAN</b>                        |  |                                 |                       |               |              |   |  |
| <b>STURGEON BAY AND CANAL (Chart 14919)</b> |  |                                 |                       |               |              |   |  |
| <b>Sturgeon Bay Ship Channel</b>            |  |                                 |                       |               |              |   |  |
| 21218                                       | DOOR COUNTY PARK LIGHT<br>2  | 44-54-15.000N<br>087-24-21.000W | FI R 4s               |               |              |   | Private aid.   |
| <b>LOWER GREEN BAY (Chart 14910)</b>        |  |                                 |                       |               |              |   |  |
| 21220                                       | Whitefish Point Shoal Buoy 10<br>Marks southeast side of<br>shoal.         | 44-51-56.594N<br>087-11-26.557W |                       |               |              | Red nun.  |  |
| 21225                                       | Jacksonport Shoal Buoy 2   | 44-57-53.100N<br>087-09-11.300W |                       |               |              | Red nun.  |  |
| <b>UPPER GREEN BAY (Chart 14909)</b>        |  |                                 |                       |               |              |   |  |
| <b>Baileys Harbor</b>                       |  |                                 |                       |               |              |   |  |
| 21228                                       | - FRONT RANGE LIGHT  | 45-04-12.700N<br>087-07-11.100W | F R                   |               |              |   | Private aid.   |
| 21229                                       | - REAR RANGE LIGHT   | 45-04-22.200N<br>087-07-16.200W | F W                   |               |              |   | Private aid.   |
| 21235                                       | - Entrance Lighted Bell Buoy   | 45-01-50.681N<br>087-05-56.712W | Mo (A) W              |               | 4            | Red and white<br>stripes.                           | Maintained from Apr. 21 to Oct.<br>14.                         |
| 21240                                       | - Buoy 3   | 45-02-16.080N<br>087-06-36.083W |                       |               |              | Green can.  |  |
| 21245                                       | - Buoy 2   | 45-02-27.997N<br>087-06-00.019W |                       |               |              | Red nun.  |  |
| 21250                                       | BAILEYS YACHT CLUB<br>BREAKWATER LIGHT                                     | 45-03-52.000N<br>087-05-53.000W | Q R                   | 18<br>5       |              | On post.  | Maintained from Apr. 1 to Nov.<br>1.<br>Private aid.           |
| <b>UPPER GREEN BAY (Chart 14909)</b>        |  |                                 |                       |               |              |   |  |
| 21255                                       | <b>Cana Island Light</b>   | 45-05-17.234N<br>087-02-51.515W | F W                   | 83<br>25      | 17           | On conical tower<br>connected to<br>dwelling.<br>83 |  |
| 21260                                       | North Bay Entrance South<br>Side Buoy 1                                    | 45-07-42.317N<br>087-02-50.330W |                       |               |              | Green can.  |  |
| 21265                                       | North Bay Entrance North<br>Side Buoy 2                                    | 45-07-52.088N<br>087-02-37.028W |                       |               |              | Red nun.  |  |
| 21270                                       | Four-Foot Shoal Buoy 8<br>Marks south side of shoal.                       | 45-08-59.772N<br>086-59-33.200W |                       |               |              | Red nun.  |  |
| <b>Rowley Bay</b>                           |  |                                 |                       |               |              |   |  |
| 21273                                       | - Buoy 1   | 45-10-21.420N<br>087-01-23.880W |                       |               |              | Green can.  |  |
| 21275                                       | - Buoy 2<br>Marks west side of f Barkers<br>Reef.                          | 45-10-36.600N<br>087-01-05.200W |                       |               |              | Red nun.  |  |
| 21280                                       | Spider Reef Buoy 6<br>Marks south side of reef.                            | 45-11-34.422N<br>086-58-05.412W |                       |               |              | Red nun.  |  |
| 21285                                       | - East Entrance Buoy 2A<br>Marks shoal.                                    | 45-11-38.844N<br>086-59-40.446W |                       |               |              | Red nun.  |  |
| 21290                                       | - Buoy 3<br>Marks east side of shoal.                                      | 45-11-34.600N<br>087-01-35.000W |                       |               |              | Green can.  |  |
| 21295                                       | - Buoy 4<br>Marks south side of shoal.                                     | 45-11-53.100N<br>087-01-01.000W |                       |               |              | Red nun.  |  |
| <b>Porte Des Morts Passage</b>              |  |                                 |                       |               |              |   |  |
| 21300                                       | <i>Porte Des Morts Entrance<br/>Lighted Bell Buoy</i>                      | 45-13-52.769N<br>086-53-54.110W | Mo (A) W              |               | 4            | Red and white<br>stripes.                           | Maintained from Apr. 21 to Nov.<br>07.<br>AIS MMSI: 993672158. |
| 21305                                       | PLUM ISLAND RANGE<br>FRONT LIGHT   | 45-18-13.566N<br>086-57-17.903W | Iso R 6s              | 40<br>12      |              | KRW on white<br>skeleton tower.                     | Visible 5.5° each side of range<br>line.                       |
| 21310                                       | PLUM ISLAND RANGE REAR<br>LIGHT<br>1,633 feet, 330° f from front<br>light. | 45-18-27.521N<br>086-57-29.415W | F R                   | 84<br>26      |              | KRW on white<br>cylindrical tower.                  | Light visible 360°. Lighted<br>throughout 24 hours.            |
| 21320                                       | - Outer Shoal Buoy 1<br>Marks east side of shoal.                          | 45-13-57.799N<br>086-55-28.876W |                       |               |              | Green can.  |  |

| (1)<br>No.                           | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic                      | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|--------------------------------------|--|---------------------------------|--|---------------|--------------|---|--|
| <b>LAKE MICHIGAN</b>                 |  |                                 |  |               |              |   |  |
| <b>UPPER GREEN BAY (Chart 14909)</b> |  |                                 |  |               |              |   |  |
| <b>Porte Des Morts Passage</b>       |  |                                 |  |               |              |   |  |
| 21325                                | <b>Pilot Island Light</b>  | 45-17-03.067N<br>086-55-11.012W | FI (2)W 6s<br>1s fl 1s ec.<br>1s fl 3s ec. | 48<br>15      | 12           | Yellow square tower with red roof s attached to dwelling.<br>48 |  |
| 21330                                | Nine-Foot Shoal Buoy 3<br>Marks east side of shoal.                        | 45-16-32.757N<br>086-57-03.816W |  |               |              | Green can.  |  |
| 21335                                | <i>Waverly Shoal Lighted Bell Buoy 5</i><br>Marks northeast side of shoal. | 45-17-07.178N<br>086-56-42.484W | FI G 2.5s                                  |               | 4            | Green.  | Replaced by can f from Nov 7 to Apr. 21.   |
| 21337                                | - NORTHPORT HARBOR BREAKWATER LIGHT 1                                      | 45-17-32.000N<br>086-58-34.000W | FI G 2.5s                                  | 20<br>6       |              | SG on blue pole.  | Priv ate aid.  |
| 21338                                | - NORTHPORT HARBOR BREAKWATER LIGHT 2                                      | 45-17-28.000N<br>086-58-30.000W | FI R 2.5s                                  | 20<br>6       |              | TR on blue pole.  | Priv ate aid.  |
| <b>Detroit Island Passage</b>        |  |                                 |  |               |              |   |  |
| 21340                                | - <i>Lighted Buoy 2</i><br>Marks southwest side of shoal.                  | 45-18-57.017N<br>086-56-18.210W | Q R  |               | 4            | Red   | Replaced by nun f from Nov. 7 to Apr. 21.  |
| 21345                                | <i>Plum Island Lighted Buoy 1</i>  | 45-19-18.441N<br>086-56-43.948W | FI G 2.5s                                  |               | 5            | Green.  | Replaced by can f from Nov. 7 to Apr. 21.  |
| <b>Detroit Harbor</b>                |  |                                 |  |               |              |   |  |
| 21348                                | - Entrance Buoy 2  | 45-19-43.047N<br>086-56-10.253W |  |               |              | Red Nun   |  |
| 21350                                | - ENTRANCE LIGHT   | 45-19-55.692N<br>086-56-12.299W | FI W 4s                                    | 25<br>8       | 11           | SG on skeleton tower.   | HORN: 1 blast ev 30s (3s bl). Operates by keyeing microphone five times on VHF-FM Ch. 83A. Ra ref. |
| 21354                                | - <i>Channel Lighted Buoy 4</i>  | 45-19-54.177N<br>086-56-09.350W | FI R 2.5s                                  |               | 3            | Red.  | Maintained f from 7 May to Nov. 21.  |
| 21355                                | - Channel Buoy 6   | 45-20-04.429N<br>086-56-07.849W |  |               |              | Red nun.  |  |
| 21360                                | - CHANNEL LIGHT 8  | 45-20-13.008N<br>086-56-07.247W | FI R 4s                                    | 32<br>10      | 5            | TR on post.   |  |
| 21365                                | - CHANNEL LIGHT 9  | 45-20-16.848N<br>086-56-10.762W | FI G 2.5s                                  | 32<br>10      | 4            | SG on post.   |  |
| 21370                                | - Channel Buoy 10  | 45-20-20.362N<br>086-56-08.562W |  |               |              | Red nun.  |  |
| 21375                                | - Channel Buoy 12  | 45-20-24.120N<br>086-56-07.596W |  |               |              | Red nun.  | Maintained f from 07 May to 21 November  |
| 21380                                | - Channel Danger Buoy  | 45-20-26.070N<br>086-56-11.268W |  |               |              | Isolated Danger Buoy  | Maintained f from 07 May to 21 Nov   |
| 21385                                | - Channel Buoy 13  | 45-20-25.180N<br>086-56-09.041W |  |               |              | Green can.  | Maintained f from 07 May to 21 Nov   |
| <b>Shipyard Island Marina</b>        |  |                                 |  |               |              |   |  |
| 21390                                | - <i>Lighted Buoy 2</i>  | 45-20-32.000N<br>086-55-45.000W | FI R 2.5s                                  |               |              | Red.  | Maintained f from May 15 to Oct. 15.<br>Priv ate aid.  |
| 21395                                | - <i>Lighted Buoy 4</i>  | 45-20-27.500N<br>086-55-12.000W | FI R 3s                                    |               |              | Red.  | Maintained f from May 15 to Oct. 15.<br>Priv ate aid.  |
| 21400                                | - <i>Lighted Buoy 6</i>  | 45-20-24.100N<br>086-54-45.600W | FI R 3s                                    |               |              | Red.  | Maintained f from May 15 to Oct. 15.<br>Priv ate aid.  |
| 21405                                | - NORTH DOCK LIGHT   | 45-20-24.100N<br>086-54-33.500W | FI R 2.5s                                  | 10<br>3       |              | SG on post.   | Maintained f from May 15 to Oct. 15.<br>Priv ate aid.  |

| (1)<br>No.   | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                          | (8)<br>Remarks  |
|--|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>LAKE MICHIGAN</b>                                       |  |                                 |                       |               |              |   |   |
| <b>UPPER GREEN BAY (Chart 14909)</b>                       |  |                                 |                       |               |              |   |   |
| <b>Detroit Harbor</b>                                      |  |                                 |                       |               |              |   |   |
| <b>Shipyard Island Marina</b>                              |  |                                 |                       |               |              |   |   |
| 21410  | - SOUTH DOCK LIGHT   | 45-20-23.000N<br>086-54-30.000W | FI R 2.5s             | 10<br>3       |              | TR on post.                               | Maintained from May 15 to Oct. 15.<br>Private aid.  |
| <b>UPPER GREEN BAY (Chart 14909)</b>                       |  |                                 |                       |               |              |   |   |
| 21420  | <i>Fisherman Shoal Lighted Bell Buoy 6</i><br>Marks southeast side of shoal. | 45-21-32.889N<br>086-46-12.612W | FI R 4s               |               | 4            | Red.                                      | Replaced by nun from Nov. 07 to Apr. 21.  |
| <b>Rock Island Passage</b>                                 |  |                                 |                       |               |              |   |   |
| 21423  | - Traffic Buoy (RI) V-AIS  | 45-26-06.012N<br>086-44-32.016W |                       |               |              |   | AIS MMSI# 993682124   |
| 21425  | POTTAWATOMIE LIGHT   | 45-25-39.503N<br>086-49-43.536W | FI W 4s               | 159<br>48     | 7            | On square skeleton tower.                 | Light is obscured from 275° to 020° by dense foliage on Rock Island.  |
| 21435  | <i>St Martin Island Shoal Lighted Buoy 2</i><br>Marks south side of shoal.   | 45-26-36.032N<br>086-45-07.421W | FI R 2.5s             |               | 4            | Red.                                      | Maintained from Apr 21 to Nov 07.<br>AIS MMSI: 993672240  |
| 21440  | St Martin Shoal Buoy 4<br>Marks southwest side of shoal.                     | 45-26-39.865N<br>086-46-26.030W |                       |               |              | Red nun.                                  | Maintained from Apr. 21 to Nov. 07.   |
| <b>UPPER GREEN BAY (Chart 14909)</b>                       |  |                                 |                       |               |              |   |   |
| 21445  | <i>Little Gull Island Lighted Bell Buoy 2</i>                                | 45-29-33.624N<br>086-42-58.051W | FI R 4s               |               | 4            | Red.                                      | Maintained from Apr. 21 to Oct. 14.   |
| 21450  | <b>St. Martin Island Light</b>   | 45-30-15.937N<br>086-45-28.000W | FI W 10s              | 84<br>26      | W 16         | On hexagonal tower.<br>84                 |   |
| 21455  | Gravelly Island Shoal Buoy 4<br>Marks west side of shoal.                    | 45-30-45.334N<br>086-43-59.080W |                       |               |              | Red nun.                                  |   |
| 21465  | SUMMER ISLAND LIGHT  | 45-34-19.520N<br>086-37-40.480W | FI W 4s               | 38<br>12      | 6            | NR on skeleton tower.                     |   |
| <b>DUTCH JOHNS POINT TO FISHERY POINT (Chart 14908)</b>    |  |                                 |                       |               |              |   |   |
| <b>Manistique</b>  |  |                                 |                       |               |              |   |   |
| 21470  | <i>Wiggins Point Shoal Lighted Bell Buoy 4</i>                               | 45-50-26.985N<br>086-16-52.882W | FI R 4s               |               | 4            |   | Maintained from Apr. 28 to Nov. 14.   |
| 21475  | - LIGHT  | 45-56-41.556N<br>086-14-51.430W | Iso R 6s              | 50<br>15      | 9            | On tower.                                 | HORN: 1 blast ev 30s (3s bl).<br>Operate the fog signal by keying VHF Marine radio five times on channel 83A. |
| 21480  | - WEST BREAKWATER LIGHT 1  | 45-56-43.423N<br>086-14-55.459W | FI G 4s               | 26<br>8       | 4            | SG on post.                               |   |
| 21485  | - WEST PIERHEAD LIGHT 3  | 45-56-52.220N<br>086-14-47.960W | FI G 2.5s             | 23<br>7       | 4            | SG on post.                               |   |
| <b>WAUGOSHANCE POINT TO SEUL CHOIX POINT (Chart 14911)</b> |  |                                 |                       |               |              |   |   |
| 21490  | <b>Seul Choix Point Light</b>  | 45-55-17.083N<br>085-54-43.142W | FI W 6s               | 80<br>24      | 13           | 80  |   |
| <b>Port Inland</b>   |  |                                 |                       |               |              |   |   |
| 21500  | - LIGHT  | 45-57-08.000N<br>085-52-06.000W |                       | 48<br>15      |              | On skeleton tower.                        | Maintained from Apr. 15 to Dec. 15.<br>HORN: 1 blast ev 12s (2s bl).<br>Private aid.                          |
| 21505  | - OUTER RANGE FRONT LIGHT  | 45-58-06.000N<br>085-52-06.000W | Q R                   | 25<br>8       |              | Orange and white square day mark on pile. | Maintained from Apr. 15 to Dec. 15.<br>Private aid.   |
| 21510  | - OUTER RANGE REAR LIGHT<br>800 feet, 000° from front light.                 | 45-58-30.000N<br>085-52-06.000W | F R                   | 45<br>14      |              | Orange and white square day mark on pile. | Maintained from Apr. 15 to Dec. 15.<br>Private aid.   |

| (1)<br>No.   | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                          | (8)<br>Remarks   |
|--|--|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>LAKE MICHIGAN</b>                                       |  |                                 |                       |               |              |   |  |
| <b>WAUGOSHANCE POINT TO SEUL CHOIX POINT (Chart 14911)</b> |  |                                 |                       |               |              |   |  |
| <b>Port Inland</b>   |  |                                 |                       |               |              |   |  |
| 21515  | - INNER RANGE FRONT LIGHT  | 45-58-25.000N<br>085-52-06.000W | F R                   | 20<br>6       |              | Orange and white square day mark on pile. | Maintained from Apr. 15 to Dec. 15.<br>Private aid.  |
| 21520  | - INNER RANGE REAR LIGHT<br>625 feet, 047° from front light.                     | 45-58-12.000N<br>085-52-00.000W | F R                   | 40<br>12      |              | Orange and white square day mark on pile. | Maintained from Apr. 15 to Dec. 15.<br>Private aid.  |
| <b>WAUGOSHANCE POINT TO SEUL CHOIX POINT (Chart 14911)</b> |  |                                 |                       |               |              |   |  |
| 21525  | <i>Boulder Reef Lighted Bell Buoy 1</i>  | 45-35-12.002N<br>085-58-57.889W | FI G 4s               |               | 5            | Green.                                    | Replaced by can from Nov 14 to Apr. 28.  |
| 21530  | GULL ISLAND LIGHT  | 45-42-41.646N<br>085-50-33.246W | FI W 6s               | 77<br>23      | 9            | NR on skeleton tower.                     |  |
| 21535  | <b>Lansing Shoals Light</b>  | 45-54-13.440N<br>085-33-42.180W | FI W 10s              | 69<br>21      | 12           | Gray square tower on concrete crib. 69    | RACON: Y ( - - - )<br>HORN: 1 blast ev 30s (3s bl).  |
| 21540  | <i>Garden Island Shoal Lighted Bell Buoy 1</i><br>Marks northeast side of shoal. | 45-52-05.689N<br>085-28-26.126W | FI G 4s               |               | 5            | Green.                                    | Replaced by can from Nov. 14 to Apr. 28.   |
| 21545  | Trout Island Shoal Buoy 5<br>Marks west side of shoal.                           | 45-46-45.600N<br>085-44-15.000W |                       |               |              | Green can.                                |  |
| 21550  | Whiskey Island Shoal Buoy 6  | 45-47-16.657N<br>085-37-58.576W |                       |               |              | Red nun.                                  |  |
| 21555  | Whiskey Island Shoal Buoy 4<br>Marks south side of shoal.                        | 45-48-07.155N<br>085-35-30.998W |                       |               |              | Red nun.                                  |  |
| 21560  | Squaw Island Shoal Buoy 2<br>Marks east side of shoal.                           | 45-50-12.970N<br>085-34-05.023W |                       |               |              | Red nun.                                  |  |
| 21565  | Squaw Island Shoal Buoy 1  | 45-52-18.011N<br>085-35-00.557W |                       |               |              | Green can.                                |  |
| 21570  | Potter Reef Buoy 1<br>Marks northeast side of reef.                              | 45-59-50.174N<br>085-30-54.851W |                       |               |              | Green can.                                |  |
| 21575  | Millecoquins Inner Reef Buoy 2<br>Marks west side of reef.                       | 46-00-43.367N<br>085-28-15.186W |                       |               |              | Red nun.                                  |  |
| 21580  | NAUBINWAY ISLAND LIGHT   | 46-04-32.160N<br>085-26-41.880W | FI W 4s               | 32<br>10      | 6            | White cylindrical tower.                  |  |
| <b>GREEN BAY</b>   |  |                                 |                       |               |              |   |  |
| <b>DUTCH JOHNS POINT TO FISHERY POINT (Chart 14908)</b>    |  |                                 |                       |               |              |   |  |
| <b>Big Bay De Noc</b>                                      |  |                                 |                       |               |              |   |  |
| 21590  | <i>Fayette Lighted Bell Buoy 2</i>   | 45-43-21.389N<br>086-40-20.728W | FI R 4s               |               | 4            | Red.                                      | Maintained from Apr. 28 to Oct 14.   |
| 21592  | - OGONTZ BAY BOAT LAUNCH LIGHT   | 45-49-58.000N<br>086-47-14.000W |                       | 20<br>6       |              | On post.                                  | Maintained from Apr. 15 to Oct. 30.<br>Private aid.  |
| 21595  | - Shoal Buoy 1<br>Marks south side of shoal.                                     | 45-44-42.017N<br>086-42-20.294W |                       |               |              | Green can.                                |  |
| 21600  | <i>Drisco Shoal Lighted Bell Buoy 2</i><br>Marks south side of shoal.            | 45-33-18.905N<br>086-57-33.773W | FI R 2.5s             |               | 4            | Red.                                      | Replaced by nun from Nov. 21 to Apr. 28.   |
| 21605  | <i>Southwest Drisco Shoal Lighted Buoy DA</i>                                    | 45-32-09.889N<br>087-00-36.449W | FI (2)W 5s            |               | 4            | Black with red band and two top marks.    | Replaced by can from Nov. 21 Apr. 28.<br>AIS MMSI: 993672241   |
| 21610  | <b>Minneapolis Shoal Light</b>   | 45-34-53.326N<br>086-59-55.377W | FI W 5s               | 82<br>25      | 15           | On white square tower with red stripe.    | RACON: M ( - - )<br>HORN: 1 blast ev 30s (3s bl).<br>Operates by keying the microphone five times on VHF-FM 83A. |
| 21615  | Corona Shoal Buoy 4  | 45-36-42.104N<br>086-57-44.535W |                       |               |              | Red nun.                                  | Maintained from Apr. 28 to Nov. 21.  |



| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                    | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|-------------------------------------|---|
| <b>GREEN BAY</b>  |  |                                 |                       |               |              |                                     |   |
| <b>DUTCH JOHNS POINT TO FISHERY POINT (Chart 14908)</b> |  |                                 |                       |               |              |                                     |   |
| <b>Big Bay De Noc</b>                                   |  |                                 |                       |               |              |                                     |   |
| 21620   | <i>Ford River Shoal Lighted Buoy 5</i><br>Marks southeast side of shoal. | 45-38-31.957N<br>087-03-38.802W | FI G 4s               |               | 4            | Green.                              | Maintained from Apr. 28 to Nov. 21.   |
| 21621   | FORD RIVER BOAT LAUNCH LIGHT   | 45-40-26.000N<br>087-08-24.000W | FI Y 4s               |               |              | On post.                            | Maintained from May 1 to Nov. 1.<br>Private aid.  |
| 21625   | <i>Eleven Foot Shoal Lighted Bell Buoy 6</i>                             | 45-38-03.891N<br>086-59-16.469W | FI R 6s               |               | 4            | Red.                                | Replaced by nun from Nov. 21 to Apr. 28.  |
| <b>LITTLE BAY DE NOC (Chart 14915)</b>                  |  |                                 |                       |               |              |                                     |   |
| <b>Little Bay De Noc</b>                                |  |                                 |                       |               |              |                                     |   |
| 21630   | - <i>Lighted Buoy 8</i>  | 45-43-45.789N<br>087-01-30.586W | FI R 4s               |               | 4            | Red.                                | Maintained from Apr. 28 to Nov. 21.<br>AIS MMSI: 993672242                                    |
| 21631   | Escanaba Harbor Day beacon 1   | 45-44-32.700N<br>087-02-15.500W |                       |               |              | SG on post.                         | Private aid.  |
| 21632   | ESCANABA YACHT HARBOR NORTH PIERHEAD LIGHT 2                             | 45-41-35.400N<br>087-02-14.200W | F R                   | 30<br>9       |              | TR on post.                         | Private aid.  |
| 21635   | ESCANABA LIGHT<br>Marks shoal.   | 45-44-47.530N<br>087-02-13.938W | Iso W 6s              | 45<br>14      | 11           | White square tower with green band. | HORN: 1 blast ev 30s (3s bl). Operates by keying the microphone five times on VHF-FM Ch. 83A. |
| 21645   | Escanaba Buoy 1<br>Marks north side of obstruction.                      | 45-44-50.388N<br>087-02-38.589W |                       |               |              | Green can.                          |   |
| 21646   | Basic Marine Inc. Buoy 1   | 45-44-53.400N<br>087-03-06.500W |                       |               |              | Green can.                          | Maintained from Apr. 15 to Dec. 1.<br>Private aid.  |
| 21647   | Basic Marine Inc. Buoy 2   | 45-44-58.000N<br>087-03-10.000W |                       |               |              | Red nun.                            | Maintained from Apr. 15 to Dec. 1.<br>Private aid.  |
| 21650   | - <i>Shoal Lighted Buoy 10</i><br>Marks southwest side of shoal.         | 45-45-31.088N<br>087-01-21.991W | FI R 4s               |               | 4            | Red.                                | Maintained from Apr. 28 to Nov. 21.   |
| 21655   | C & N ORE DOCK LIGHT 4   | 45-46-03.000N<br>087-03-20.000W | F R                   | 8<br>2        |              |                                     | Maintained from May 1 to Jan. 1.<br>Private aid.  |
| 21670   | Vinette Co Buoy 2<br>Marks submerged piling.                             | 45-46-15.000N<br>087-03-20.000W |                       |               |              | Red nun.                            | Maintained from Apr. 15 to Oct. 31.<br>Private aid.   |
| 21675   | Vinette Co Buoy 4<br>Marks submerged piling.                             | 45-46-14.600N<br>087-03-28.000W |                       |               |              | Red nun.                            | Maintained from Apr. 15 to Oct. 31.<br>Private aid.   |
| 21680   | Vinette Co Buoy 6<br>Marks submerged piling.                             | 45-46-14.300N<br>087-03-45.100W |                       |               |              | Red nun.                            | Maintained from Apr. 15 to Oct. 31.<br>Private aid.   |
| 21682   | <i>Escanaba River Lighted Buoy 1</i>                                     | 45-46-34.200N<br>087-03-21.000W | FI G 4s               |               |              | Green.                              | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 21682.1   | <i>Escanaba River Lighted Buoy 2</i>                                     | 45-46-35.400N<br>087-03-19.200W | FI R 4s               |               |              | Red.                                | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 21682.2   | Escanaba River Buoy 3  | 45-46-36.000N<br>087-03-24.000W |                       |               |              | Green can.                          | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 21682.3   | Escanaba River Buoy 4  | 45-46-36.600N<br>087-03-23.400W |                       |               |              | Red nun.                            | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 21682.4   | Escanaba River Buoy 5  | 45-46-37.800N<br>087-03-29.400W |                       |               |              | Green can.                          | Maintained from May 1 to Nov. 15.<br>Private aid.   |

| (1)<br>No.                                      | (2)<br>Name and Location            | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks                                      |
|---|-------------------------------------|---------------------------------|-----------------------|---------------|--------------|------------------|---|
| <b>GREEN BAY</b>                                |                                     |                                 |                       |               |              |                  |   |
| <b>LITTLE BAY DE NOC (Chart 14915)</b>          |                                     |                                 |                       |               |              |                  |   |
| <b>Little Bay De Noc</b>                        |                                     |                                 |                       |               |              |                  |   |
| 21682.5   | Escanaba River Buoy 6               | 45-46-38.400N<br>087-03-28.200W |                       |               |              | Red nun.         | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 21682.6   | Escanaba River Buoy 7               | 45-46-38.400N<br>087-03-33.600W |                       |               |              | Green can.       | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 21682.7   | Escanaba River Buoy 8               | 45-46-39.000N<br>087-03-32.400W |                       |               |              | Red nun.         | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 21682.8   | Escanaba River Buoy 9               | 45-46-39.000N<br>087-03-39.000W |                       |               |              | Green can.       | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 21682.9   | Escanaba River Buoy 10              | 45-46-40.200N<br>087-03-37.800W |                       |               |              | Red nun.         | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 21683   | Escanaba River Buoy 11              | 45-46-40.200N<br>087-03-43.800W |                       |               |              | Green can.       | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 21683.1   | Escanaba River Buoy 12              | 45-46-41.400N<br>087-03-43.200W |                       |               |              | Red nun.         | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 21683.2   | Escanaba River Buoy 13              | 45-46-41.400N<br>087-03-49.200W |                       |               |              | Green can.       | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 21683.3   | Escanaba River Buoy 14              | 45-46-42.600N<br>087-03-48.600W |                       |               |              | Red nun.         | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 21683.4   | Escanaba River Buoy 16              | 45-46-43.200N<br>087-03-51.000W |                       |               |              | Red nun.         | Maintained from May 1 to Nov. 15.<br>Private aid.   |
| 21685   | - Lighted Buoy 11                   | 45-48-14.000N<br>087-02-41.000W | FI G 2.5s             |               | 5            | Green.           | Maintained from Apr. 28 to Nov. 21.                 |
| 21690   | Squaw Point Lighted Buoy 12         | 45-49-55.464N<br>087-00-25.706W | FI R 6s               |               | 4            | Red.             | Maintained from Apr. 28 to Nov. 21.                 |
| <b>Gladstone</b>                                |                                     |                                 |                       |               |              |                  |   |
| <i>Buoys maintained from May 15 to Oct. 15.</i> |                                     |                                 |                       |               |              |                  |   |
| 21695   | - BREAKWATER LIGHT                  | 45-50-17.500N<br>087-01-03.000W | FI G 2.5s             | 20            |              |                  | Private aid.  |
| 21700   | - Entrance Buoy 1                   | 45-50-18.000N<br>087-01-02.000W |                       |               |              | Green can.       | Private aid.  |
| 21705   | - Entrance Buoy 2                   | 45-50-19.000N<br>087-01-00.000W |                       |               |              | Red nun.         | Private aid.  |
| 21710   | - Entrance Buoy 3                   | 45-50-19.000N<br>087-01-04.000W |                       |               |              | Green can.       | Private aid.  |
| 21715   | - Entrance Buoy 4                   | 45-50-20.000N<br>087-01-02.000W |                       |               |              | Red nun.         | Private aid.  |
| 21720   | - Entrance Buoy 5                   | 45-50-20.000N<br>087-01-05.000W |                       |               |              | Green can.       | Private aid.  |
| 21725   | - Entrance Buoy 6                   | 45-50-21.000N<br>087-01-03.000W |                       |               |              | Red nun.         | Private aid.  |
| <b>Little Bay De Noc</b>                        |                                     |                                 |                       |               |              |                  |   |
| 21730   | Saunders Point Buoy 13              | 45-50-53.163N<br>086-59-44.532W |                       |               |              | Green can.       |   |
| 21735   | SAUNDERS POINT LIGHT                | 45-50-51.985N<br>087-00-01.542W | Iso G 6s              | 28            | 6            | SG on post.      |   |
| 21740   | Saunders Point Shoal Inside Buoy 15 | 45-51-07.243N<br>086-59-55.718W |                       | 9             |              | Green can.       |   |
| 21741   | - HUNTERS POINT BOAT LAUNCH LIGHT   | 45-50-48.000N<br>086-50-05.000W |                       | 20            |              | On post.         | Maintained from Apr. 15 to Oct. 30.<br>Private aid. |

| (1)<br>No.                             | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure   | (8)<br>Remarks                                |
|--|---|---------------------------------|-----------------------|---------------|--------------|--------------------|---|
| <b>GREEN BAY</b>                       |   |                                 |                       |               |              |                    |   |
| <b>LITTLE BAY DE NOC (Chart 14915)</b> |   |                                 |                       |               |              |                    |   |
| <b>Little Bay De Noc</b>               |   |                                 |                       |               |              |                    |   |
| 21743                                  | <i>Butler Island Lighted Buoy 17</i>                              | 45-51-53.000N<br>087-00-33.000W | FI G 4s               |               | 3            |                    | Maintained from May 1 to Nov. 14              |
| 21746                                  | <i>Days River Shoal Lighted Buoy 19</i>                           | 45-53-09.000N<br>086-58-32.000W | FI G 2.5s             |               | 3            |                    | Maintained from May 1 to Nov. 14              |
| <b>UPPER GREEN BAY (Chart 14909)</b>   |   |                                 |                       |               |              |                    |   |
| 21760                                  | JACKSON HARBOR LIGHT  | 45-24-10.190N<br>086-51-01.750W | FI R 4s               | 20<br>6       | 7            | TR on pile.        |   |
| 21765                                  | Jackson Harbor Buoy 1   | 45-24-12.363N<br>086-50-57.274W |                       |               |              | Green can.         |   |
| 21766                                  | Jackson Harbor Buoy 2   | 45-24-12.925N<br>086-50-59.576W |                       |               |              | Red nun.           |   |
| 21770                                  | BOYER BLUFF LIGHT   | 45-25-13.860N<br>086-56-11.770W | FI W 6s               | 220<br>67     | 8            | On skeleton tower. |   |
| 21775                                  | <i>Whaleback Shoal East End Lighted Bell Buoy 4</i>               | 45-21-00.685N<br>087-10-12.119W | FI R 6s               |               | 4            | Red.               | Replaced by nun from Nov 21 to Apr. 28.       |
| 21780                                  | Whaleback Shoal West End Buoy 1<br>Marks northwest side of shoal. | 45-22-07.988N<br>087-11-49.625W |                       |               |              | Green can.         |   |
| 21785                                  | CEDAR RIVER PIERHEAD LIGHT  | 45-24-26.451N<br>087-21-03.719W | FI G 4s               | 26<br>8       | 7            | SG on post.        |   |
| 21787                                  | CEDAR RIVER LIGHT 2   | 45-24-29.314N<br>087-21-01.342W | FI R 4s               | 20<br>6       | 4            | TR on pole.        |   |
| 21790                                  | <i>Cedar River Entrance Lighted Buoy 1</i>                        | 45-23-43.821N<br>087-20-28.625W | FI G 6s               |               | 4            | Green can.         | Marks rock. Maintained from 28 Apr to 21 Nov. |
| 21793                                  | Cedar River Buoy 3  | 45-24-11.634N<br>087-20-59.742W |                       |               |              | Green can.         | Maintained from May 14 to Nov. 14.            |
| 21793.5                                | Cedar River Buoy 4  | 45-24-11.160N<br>087-20-53.864W |                       |               |              | Red nun.           | Maintained from May 14 to Nov. 14.            |
| 21794                                  | Cedar River Buoy 5  | 45-24-20.052N<br>087-21-01.260W |                       |               |              | Green can.         | Maintained from May 14 to Nov. 14             |
| 21794.1                                | Cedar River Buoy 6  | 45-24-20.766N<br>087-20-59.694W |                       |               |              | Red nun.           | Maintained from May 14 to Nov. 14.            |
| 21794.2                                | Cedar River Buoy 9  | 45-24-24.042N<br>087-21-02.530W |                       |               |              | Green can.         | Maintained from May 14 to Nov. 14.            |
| 21794.3                                | Cedar River Buoy 10   | 45-24-23.400N<br>087-21-01.428W |                       |               |              | Red nun.           | Maintained from May 14 to Nov. 14.            |
| 21794.4                                | Cedar River Buoy 11   | 45-24-25.776N<br>087-21-02.877W |                       |               |              | Green can.         | Maintained from May 14 to Nov. 14.            |
| 21794.5                                | Cedar River Buoy 12   | 45-24-25.410N<br>087-21-01.536W |                       |               |              | Red nun.           | Maintained from May 14 to Nov. 14.            |
| 21795                                  | Sister Islands Buoy 1   | 45-13-33.614N<br>087-09-07.634W |                       |               |              | Green can.         |   |
| 21797                                  | YACHT WORKS MARINA WEST BREAKWATER LIGHT A                        | 45-12-12.000N<br>087-07-16.200W | FI W 4s               | 22<br>7       |              |                    | Private aid.                                  |
| 21798                                  | YACHT WORKS MARINA BREAKWATER LIGHT 1                             | 45-12-08.460N<br>087-07-15.300W | FI G 2.5s             | 27<br>8       |              | SG on pile.        | Private aid.                                  |
| 21799                                  | YACHT WORKS MARINA BREAKWATER LIGHT 2                             | 45-12-08.340N<br>087-07-13.740W | FI R 2.5s             | 31<br>9       |              | TR on pile.        | Private aid.                                  |

| (1)<br>No.                           | (2)<br>Name and Location  | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks   |
|--------------------------------------|---|---------------------------------|-----------------------|---------------|--------------|---|--|
| <b>GREEN BAY</b>                     |   |                                 |                       |               |              |   |  |
| <b>UPPER GREEN BAY (Chart 14909)</b> |   |                                 |                       |               |              |   |  |
| 21800                                | SISTER BAY MARINA LIGHT<br>1  | 45-11-54.000N<br>087-07-12.000W | FI G 4s               | 20<br>6       |              | SG on post.   | Private aid.   |
| 21802                                | SISTER BAY RESORT AND<br>YACHT CLUB LIGHT                                   | 45-11-25.000N<br>087-07-24.000W | FI R 2s               | 5<br>2        |              | On post.  | Maintained from May 1 to Nov.<br>1.<br>Private aid.    |
| 21805                                | <i>Horseshoe Reef Lighted Buoy</i><br>2<br>Marks southeast side of<br>reef. | 45-12-59.653N<br>087-11-54.104W | FI R 4s               |               | 4            | Red.  | Replaced by nun f from Oct. 14 to<br>May 1.            |
| 21810                                | Sister Shoals Buoy 3  | 45-11-57.157N<br>087-10-37.218W |                       |               |              | Green can.  |  |
| 21815                                | HORSESHOE ISLAND LIGHT  | 45-10-38.152N<br>087-12-41.395W | FI G 4s               | 33<br>10      | 4            | NB on post.   |  |
| <b>Strawberry Channel</b>            |   |                                 |                       |               |              |   |  |
| 21820                                | - Northeast Buoy 4<br>Marks east side of shoal.                             | 45-10-48.000N<br>087-14-55.600W |                       |               |              | Red nun.  |  |
| 21825                                | EAGLE BLUFF LIGHT   | 45-10-07.300N<br>087-14-11.980W | FI W 6s               | 75<br>23      | 6            | Yellow square<br>tower with brown<br>roof attached to<br>dwelling | Light is obscured from 220° to<br>030°.                |
| 21830                                | - <i>Southeast Lighted Bell Buoy</i><br>6                                   | 45-09-02.846N<br>087-14-59.535W | FI R 4s               |               | 3            | Red.  | No winter mark f from Oct. 14 to<br>May 1.             |
| 21835                                | - <i>Mid-Channel Lighted Buoy S</i>   | 45-08-33.000N<br>087-16-22.000W | FI (2+1)R 6s          |               | 4            | Red and green<br>bands.   | Replaced by nun f from Oct. 14 to<br>May 1.            |
| 21845                                | Hanover Shoal Buoy 2  | 45-08-33.557N<br>087-17-42.293W |                       |               |              | Red nun.  | Replaced by smaller nun f from<br>Oct. 14 to Apr. 1.   |
| 21850                                | Hat Island South Shoal Buoy<br>HI   | 45-05-17.177N<br>087-19-23.883W |                       |               |              | Black can with red<br>band. Topmark<br>spheres.                   | Maintained from Apr. 21 to Oct.<br>14.                 |
| <b>UPPER GREEN BAY (Chart 14909)</b> |   |                                 |                       |               |              |   |  |
| 21851                                | EGG HARBOR LIGHT 1  | 45-02-57.225N<br>087-17-03.198W | FI G 4s               |               |              |   | Private aid.   |
| <b>Strawberry Channel</b>            |   |                                 |                       |               |              |   |  |
| 21855                                | <i>Anchorage Cove Lighted Buoy</i><br>1                                     | 45-04-08.000N<br>087-16-54.000W | Q G                   |               |              | Green.  | Maintained from May 1 to Oct.<br>30.<br>Private aid.   |
| 21860                                | <i>Anchorage Cove Lighted Buoy</i><br>2                                     | 45-04-06.000N<br>087-16-54.000W | Q R                   |               |              | Red.  | Maintained from May 1 to Oct.<br>30.<br>Private aid.   |
| 21865                                | Anchorage Cove Buoy 3   | 45-04-06.000N<br>087-16-54.000W |                       |               |              | Green can.  | Maintained from May 1 to Oct.<br>30.<br>Private aid.   |
| 21870                                | Anchorage Cove Buoy 4   | 45-04-06.000N<br>087-16-54.000W |                       |               |              | Red nun.  | Maintained from May 1 to Oct.<br>30.<br>Private aid.   |
| 21875                                | LILLA HAMMAR LIGHT 1  | 45-03-58.200N<br>087-17-07.800W | F G                   | 12<br>4       |              | SG on post.   | Maintained from Jun. 15 to Sep.<br>15.<br>Private aid. |
| 21880                                | LILLA HAMMAR LIGHT 2  | 45-03-58.200N<br>087-17-07.800W | F R                   | 12<br>4       |              | TR on post.   | Maintained from Jun. 15 to Sep.<br>15.<br>Private aid. |
| 21885                                | LILLA HAMMAR ENTRANCE<br>LIGHT  | 45-04-15.000N<br>087-16-50.000W | F W                   | 9<br>3        |              | On post.  | Maintained from Jun. 15 to Sep.<br>15.<br>Private aid. |
| 21890                                | <i>Chambers Islands North Shoal<br/>Lighted Bell Buoy 1</i>                 | 45-14-24.042N<br>087-19-48.305W | FI G 4s               |               | 4            | Green.  | Replaced by can f from Nov 14 to<br>Apr. 21.           |
| 21895                                | <b>Chambers Island Light</b>  | 45-12-06.432N<br>087-21-56.354W | FI W 6s               | 97<br>30      | 12           | On skeleton tower.<br>60  |  |

| (1)<br>No.   | (2)<br>Name and Location                              | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure               | (8)<br>Remarks   |
|--|---|---------------------------------|-----------------------|---------------|--------------|--------------------------------|--|
| <b>GREEN BAY</b>                                     |   |                                 |                       |               |              |                                |  |
| <b>UPPER GREEN BAY (Chart 14909)</b>                 |   |                                 |                       |               |              |                                |  |
| <b>Strawberry Channel</b>                            |   |                                 |                       |               |              |                                |  |
| 21900  | <i>Chambers Island West Shoal Lighted Bell Buoy 3</i> | 45-10-48.124N<br>087-24-23.486W | FI G 2.5s             |               | 4            | Green.                         | Replaced by can f from Nov 14 to Apr. 21.<br>AIS MMSI: 993672243     |
| <b>MENOMINEE AND MARINETTE HARBORS (Chart 14917)</b> |   |                                 |                       |               |              |                                |  |
| <b>Menominee</b>                                     |   |                                 |                       |               |              |                                |  |
| 21905  | - MARINA BREAKWATER LIGHT 2                           | 45-06-23.000N<br>087-36-00.000W | FI R 4s               | 40<br>12      |              | TR on post.                    | Private aid.   |
| 21910  | - Marina Breakwater Day beacon 3                      | 45-06-23.600N<br>087-36-03.700W |                       |               |              | SG on post.                    | Private aid.   |
| 21915  | - Shoal Lighted Bell Buoy 2A                          | 45-06-19.848N<br>087-34-26.085W | FI R 4s               |               | 4            | Red.                           | Replaced by nun from Nov. 14 to Apr. 21.                             |
| 21920  | - Entrance Lighted Buoy 1 Marks shoal.                | 45-05-55.949N<br>087-34-33.985W | FI G 2.5s             |               | 4            | Green can.                     | Replaced by can buoy f from Nov 14 to Apr 21.<br>AIS MMSI: 993672244 |
| 21925  | - Entrance Lighted Buoy 2 Marks shoal.                | 45-06-00.248N<br>087-34-40.785W | FI R 2.5s             |               | 4            | Red nun.                       | Replaced by nun buoy from Nov 14 to Apr 21.<br>AIS MMSI 993672245    |
| 21930  | MARINETTE PIERHEAD LIGHT 3                            | 45-05-47.089N<br>087-35-06.301W | FI G 4s               | 25<br>8       | 4            | SG on post.                    |  |
| 21935  | - PIERHEAD LIGHT 4                                    | 45-05-50.110N<br>087-35-09.701W | Oc R 4s               | 46<br>14      | 9            |                                |  |
| 21940  | - Pier Light 6  | 45-05-46.930N<br>087-35-19.160W | F R                   | 59<br>18      | 12           | On red skeleton tower.<br>50   |  |
| 21945  | - River Buoy 2  | 45-06-01.951N<br>087-36-58.774W |                       |               |              | Red nun.                       | Maintained from May 7 to Nov. 7.                                     |
| 21950  | - River Buoy 4  | 45-06-03.991N<br>087-37-07.954W |                       |               |              | Red nun.                       | Maintained from May 7 to Nov. 7.                                     |
| 21955  | - River Buoy 6  | 45-06-04.471N<br>087-37-13.114W |                       |               |              | Red nun.                       | Maintained from May 7 to Nov. 7.                                     |
| 21957  | - River Buoy 7 Marks shoal.                           | 45-06-04.891N<br>087-37-26.434W |                       |               |              | Green can.                     | Maintained from May 7 to Nov. 7.                                     |
| 21960  | Menekaunee Shoal Buoy 6                               | 45-04-14.553N<br>087-34-02.582W |                       |               |              | Red nun.                       |  |
| <b>UPPER GREEN BAY (Chart 14909)</b>                 |   |                                 |                       |               |              |                                |  |
| 21965  | <i>Green Island Shoal Lighted Buoy 1</i>              | 45-03-37.456N<br>087-31-30.681W | FI G 4s               |               | 4            | Green.                         | Replaced by can f from Nov. 14 to Apr. 28. Marks west side of shoal. |
| 21970  | GREEN ISLAND LIGHT                                    | 45-03-20.556N<br>087-29-30.562W | FI W 6s               | 80<br>24      | 9            | NR on skeleton tower.          |  |
| 21975  | Green Island Southeast Shoal Buoy 2                   | 45-02-40.625N<br>087-28-51.456W |                       |               |              | Red nun.                       | Maintained f from Apr. 28 to Nov. 14.<br>AIS MMSI: 993672246         |
| 21980  | MARINETTE LITTLE RIVER LIGHT                          | 45-02-42.000N<br>087-37-30.000W | FI Y 2.5s             | 28<br>9       |              | NY on post.                    | Private aid.   |
| <b>LOWER GREEN BAY (Chart 14910)</b>                 |   |                                 |                       |               |              |                                |  |
| 21985  | Monument Shoal Buoy 5 Marks west side of shoal.       | 44-59-34.492N<br>087-22-56.532W |                       |               |              | Green can.                     |  |
| 21990  | PESHTIGO REEF LIGHT Marks southeast side of shoal.    | 44-57-23.872N<br>087-34-44.820W | FI W 6s               | 72<br>22      | 9            | On white column with red band. | HORN: 1 blast ev 30s (3s bl). Operates f from May 1 to Oct. 20.      |

| (1)<br>No.                                      | (2)<br>Name and Location                        | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure                             | (8)<br>Remarks  |
|---|---|---------------------------------|-----------------------|---------------|--------------|--|---|
| <b>GREEN BAY</b>                                |   |                                 |                       |               |              |  |   |
| <b>LOWER GREEN BAY (Chart 14910)</b>            |   |                                 |                       |               |              |  |   |
| 21995   | <i>Sherwood Point Lighted Buoy 7</i>            | 44-54-52.727N<br>087-27-42.872W | Fl G 4s               |               | 4            | Green.                                       | Replaced by can f from Nov. 14 to Apr. 21.  |
| 22000   | <b>Sherwood Point Light</b>                     | 44-53-34.000N<br>087-26-00.360W | Iso W 6s              | 61<br>19      | 12           | White square tower, dwelling attached.<br>61 |   |
| 22005   | <i>Sherwood Point Traffic Lighted Bell Buoy</i> | 44-53-34.312N<br>087-24-51.469W | Mo (A) W              |               | 4            | Red and white stripes.                       | Maintained f from Apr. 21 to Nov. 21.<br>AIS MMSI: 993672247  |
| <b>Little Sturgeon</b>                          |   |                                 |                       |               |              |  |   |
| <i>Buoys maintained from May 15 to Oct. 15.</i> |   |                                 |                       |               |              |  |   |
| 22012.1   | - Buoy 1  | 44-50-36.600N<br>087-32-48.000W |                       |               |              | Green can.                                   | Private aid.  |
| 22012.2   | - Buoy 2  | 44-50-38.000N<br>087-32-54.000W |                       |               |              | Red nun.                                     | Private aid.  |
| 22012.3   | - Buoy 3  | 44-50-31.000N<br>087-33-02.000W |                       |               |              | Green can.                                   | Private aid.  |
| 22012.4   | - Buoy 4  | 44-50-33.000N<br>087-33-04.000W |                       |               |              | Red nun.                                     | Private aid.  |
| 22012.5   | - Buoy 5  | 44-50-30.000N<br>087-33-08.000W |                       |               |              | Green can.                                   | Private aid.  |
| 22012.6   | - Buoy 6  | 44-50-32.000N<br>087-33-09.000W |                       |               |              | Red nun.                                     | Private aid.  |
| 22012.7   | - Buoy 7  | 44-50-31.000N<br>087-33-15.000W |                       |               |              | Green can.                                   | Private aid.  |
| 22012.8   | - Buoy 8  | 44-50-32.000N<br>087-33-16.000W |                       |               |              | Red nun.                                     | Private aid.  |
| 22012.9   | - Buoy 9  | 44-50-33.000N<br>087-33-21.000W |                       |               |              | Green can.                                   | Private aid.  |
| 22013   | - Buoy 10                                       | 44-50-35.000N<br>087-33-21.000W |                       |               |              | Red nun.                                     | Private aid.  |
| 22013.1   | - Buoy 11                                       | 44-50-37.000N<br>087-33-27.000W |                       |               |              | Green can.                                   | Private aid.  |
| 22013.2   | - Buoy 12                                       | 44-50-37.000N<br>087-33-26.000W |                       |               |              | Red nun.                                     | Private aid.  |
| 22013.5   | CARMODY COUNTY PARK NAVIGATIONAL LIGHT          | 44-50-38.000N<br>087-33-29.900W | Fl G 3s               |               |              | On single pole.                              | Maintained f from Apr. 1 to Sept. 30.<br>Private aid.   |
| 22014   | <i>Oconto Harbor Lighted Bell Buoy 2</i>        | 44-53-00.000N<br>087-46-00.000W | Fl R 4s               |               | 4            | Red.   | Replaced by nun f from Oct. 14 to May 01.   |
| 22015   | OCONTO HARBOR NORTH PIERHEAD LIGHT 2            | 44-53-57.000N<br>087-49-16.000W | F R                   | 40<br>12      |              | TR on pile.                                  | Maintained f from Apr. 15 to Nov. 1.<br>Private aid.  |
| 22020   | OCONTO HARBOR SOUTH PIERHEAD LIGHT 3            | 44-53-54.010N<br>087-49-19.142W | Fl G 6s               | 20<br>6       | 7            | SG on post.                                  |   |
| 22025   | <i>Oconto River Lighted Buoy 4</i>              | 44-53-49.000N<br>087-49-32.000W | Q R                   |               |              | Red.   | Maintained f from Apr. 15 to Nov. 1.<br>Private aid.  |
| 22035   | PENSAUKEE HARBOR LIGHT                          | 44-49-11.490N<br>087-53-54.462W | Fl R 4s               | 16<br>5       | 7            | TR on post.                                  |   |
| 22040   | <i>Pensaukee Harbor Entrance Lighted Buoy 2</i> | 44-49-05.731N<br>087-53-11.194W | Fl R 6s               |               | 3            | Red.   | Maintained f from May 7 to Nov. 1. Buoy may be relocated without prior notice to mark the best channel. |
| <b>All Season's Marina</b>                      |   |                                 |                       |               |              |  |   |
| 22050   | BAY SHORE COUNTY PARK LIGHT                     | 44-38-19.000N<br>087-45-15.000W | Fl R 2s               | 15<br>5       |              | On pile.                                     | Maintained f from May 7 to Nov. 1.<br>Private aid.  |

| (1)<br>No.                                     | (2)<br>Name and Location       | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure         | (8)<br>Remarks  |
|--|--------------------------------|---------------------------------|-----------------------|---------------|--------------|--------------------------|---|
| <b>GREEN BAY</b>                               |                                |                                 |                       |               |              |                          |   |
| <b>LOWER GREEN BAY (Chart 14910)</b>           |                                |                                 |                       |               |              |                          |   |
| <b>All Season's Marina</b>                     |                                |                                 |                       |               |              |                          |   |
| 22055  | <i>Suamico Lighted Buoy 1</i>  | 44-38-01.593N<br>088-00-04.116W | FI G 4s               |               | 3            | Green.                   | Maintained from May 7 to Nov. 1. Buoy may be relocated without prior notice to mark the best channel. |
| 22055.2  | <i>Suamico Lighted Buoy 2</i>  | 44-38-02.000N<br>088-00-07.000W | Q R                   |               |              | Red.                     | Maintained from May 1 to Oct. 31.<br>Private aid.   |
| 22055.3  | <i>Suamico Lighted Buoy 3</i>  | 44-37-56.000N<br>088-00-12.000W | Q G                   |               |              | Green.                   | Maintained from May 1 to Oct. 31.<br>Private aid.   |
| 22055.4  | <i>Suamico Lighted Buoy 4</i>  | 44-37-57.000N<br>088-00-11.000W | Q R                   |               |              | Red.                     | Maintained from May 1 to Oct. 31.<br>Private aid.   |
| 22055.5  | <i>Suamico Lighted Buoy 5</i>  | 44-37-52.000N<br>088-00-18.000W | Q G                   |               |              | Green.                   | Maintained from May 1 to Oct. 31.<br>Private aid.   |
| 22055.6  | <i>Suamico Lighted Buoy 6</i>  | 44-37-53.000N<br>088-00-19.000W | Q R                   |               |              | Red.                     | Maintained from May 1 to Oct. 31.<br>Private aid.   |
| 22055.7  | <i>Suamico Lighted Buoy 7</i>  | 44-37-48.000N<br>088-00-24.000W | Q G                   |               |              | Green.                   | Maintained from May 1 to Oct. 31.<br>Private aid.   |
| 22060  | <i>Suamico Lighted Buoy 8</i>  | 44-37-49.289N<br>088-00-24.420W | FI R 4s               |               | 3            | Red.                     | Maintained from May 7 to Nov. 1. Buoy may be relocated without prior notice to mark the best channel. |
| 22065  | <i>Suamico Lighted Buoy 9</i>  | 44-37-49.000N<br>088-00-28.000W | Q G                   |               |              | Green.                   | Maintained from May 1 to Oct. 31.<br>Private aid.   |
| 22066  | <i>Suamico Lighted Buoy 10</i> | 44-37-50.000N<br>088-00-28.000W | Q R                   |               |              | Red.                     | Maintained from May 1 to Oct. 31.<br>Private aid.   |
| 22070  | Suamico River Obstruction Buoy | 44-37-51.000N<br>088-00-32.000W |                       |               |              | White with orange bands. | Maintained from Apr. 15 to Nov. 15.<br>Private aid.   |
| <b>Pirates Cove Marina</b>                     |                                |                                 |                       |               |              |                          |   |
| <i>Buoys maintained from May 1 to Oct. 15.</i> |                                |                                 |                       |               |              |                          |   |
| 22075  | - <i>Lighted Buoy 1</i>        | 44-35-25.551N<br>087-59-33.132W | FI G 2.5s             |               |              | Green.                   | Private aid.  |
| 22080  | - <i>Lighted Buoy 2</i>        | 44-35-26.739N<br>087-59-28.428W | FI R 2.5s             |               |              | Red.                     | Private aid.  |
| 22085  | - Buoy 3                       | 44-35-57.952N<br>087-59-58.530W |                       |               |              | Green can.               | Private aid.  |
| 22090  | - Buoy 4                       | 44-35-59.610N<br>087-59-54.981W |                       |               |              | Red nun.                 | Private aid.  |
| 22095  | - Buoy 5                       | 44-36-21.449N<br>088-00-16.259W |                       |               |              | Green can.               | Private aid.  |
| 22100  | - Buoy 6                       | 44-36-22.520N<br>088-00-12.134W |                       |               |              | Red nun.                 | Private aid.  |
| 22100.1  | - Buoy 7                       | 44-36-43.125N<br>088-00-31.587W |                       |               |              | Green can.               | Private aid.  |
| 22100.2  | - Buoy 8                       | 44-36-46.200N<br>088-00-29.417W |                       |               |              | Red nun.                 | Private aid.  |
| 22100.3  | - Buoy 9                       | 44-36-50.582N<br>088-00-40.824W |                       |               |              | Green can.               | Private aid.  |
| 22100.4  | - Buoy 10                      | 44-36-51.219N<br>088-00-40.761W |                       |               |              | Red nun.                 | Private aid.  |

| (1)<br>No.  | (2)<br>Name and Location                                   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>GREEN BAY</b>  |  |                                 |                       |               |              |   |   |
| <b>HEAD OF GREEN BAY (Chart 14918)</b>  |  |                                 |                       |               |              |   |   |
| <b>Green Bay Harbor</b>   |  |                                 |                       |               |              |   |   |
| <b>Green Bay Harbor Entrance Channel</b>  |  |                                 |                       |               |              |   |   |
| <i>Lighted buoys maintained from Apr. 21 to Dec. 1, unless otherwise noted.</i> |  |                                 |                       |               |              |   |   |
| 22105   | - Lighted Buoy 1   | 44-40-36.700N<br>087-52-34.700W | FI G 2.5s             |               | 4            | Green.  | AIS MMSI: 993672229   |
| 22110   | - Lighted Bell Buoy 2                                      | 44-40-39.037N<br>087-52-41.860W | FI R 2.5s             |               | 4            | Red.  | AIS MMSI: 993672230   |
| 22115   | - Lighted Buoy 3   | 44-39-53.404N<br>087-53-14.911W | FI G 4s               |               | 4            | Green.  |   |
| 22120   | - Lighted Buoy 4   | 44-39-55.074N<br>087-53-22.088W | FI R 4s               |               | 4            | Red.  |   |
| 22125   | - Lighted Buoy 5   | 44-39-07.875N<br>087-53-56.465W | FI G 6s               |               | 4            | Green.  | AIS MMSI: 993672248   |
| 22130   | <b>Green Bay Harbor Entrance Light</b>                     | 44-39-11.134N<br>087-54-04.538W | Oc R 4s               | 72<br>22      | 12           | White conical tower on cylindrical base.<br>72                            | HORN: 1 blast ev 15s (2s bl). Operate the fog signal by keying the VHF-FM marine radio five times on channel 83A. |
| 22135   | - Lighted Buoy 7   | 44-38-16.562N<br>087-54-43.405W | FI G 2.5s             |               | 4            | Green.  |   |
| 22140   | - Lighted Buoy 8   | 44-38-19.546N<br>087-54-50.527W | FI R 2.5s             |               | 4            | Red.  |   |
| 22145   | - Lighted Buoy 9   | 44-37-22.415N<br>087-55-32.891W | FI G 4s               |               | 4            | Green.  | Replaced by can f from 01 Dec to 21 Apr.<br>AIS MMSI 993672231  |
| 22150   | - Lighted Buoy 10  | 44-37-24.667N<br>087-55-41.519W | FI R 4s               |               | 4            | Red.  | Replaced by nun f from Dec. 1 to Apr. 21.<br>AIS MMSI: 993672232  |
| 22155   | - Lighted Bell Buoy 11                                     | 44-36-31.495N<br>087-56-20.599W | FI G 4s               |               | 4            | Green.  |   |
| 22160   | - Lighted Buoy 12  | 44-36-34.185N<br>087-56-26.396W | FI R 4s               |               | 4            | Red.  |   |
| 22165   | - LIGHT 14   | 44-35-49.473N<br>087-57-08.782W | Q R                   | 40<br>12      | 6            | White cylindrical tower with red band.                                    |   |
| 22170   | - Lighted Buoy 15  | 44-35-34.474N<br>087-57-12.969W | FI G 2.5s             |               | 4            | Green.  | Replaced by can f from Dec. 1 to Apr. 28.   |
| 22175   | - Lighted Bell Buoy 16                                     | 44-35-31.424N<br>087-57-31.730W | FI R 4s               |               | 4            | Red.  | Replaced by nun f from Dec. 1 to Apr. 28.   |
| 22180   | - RANGE FRONT LIGHT  | 44-35-22.679N<br>087-57-27.737W | Q G                   | 45<br>14      |              | KRW on cylindrical tower.   | Visible 5.5° each side of range line.   |
| 22181   | - RANGE FRONT PASSING LIGHT                                | 44-35-22.670N<br>087-57-27.362W | FI Y 4s               | 45<br>14      | 5            | On same structure as Green Bay Harbor Entrance Channel Range Front Light. | Above Range Front Light.  |
| 22185   | - RANGE REAR LIGHT<br>5,499 feet, 213.1° from front light. | 44-34-37.202N<br>087-58-09.261W | Oc G 4s               | 92<br>28      |              | KRW on white cylindrical tower.   | Visible 4° each side of range line.   |
| 22186   | - RANGE REAR PASSING LIGHT                                 | 44-34-37.178N<br>087-58-09.348W | FI Y 4s               | 20<br>6       | 5            | On same structure as Green Bay Harbor Entrance Channel Range Rear Light   | Below Range Rear Light.   |
| 22188   | - Lighted Buoy 15A   | 44-35-09.852N<br>087-58-06.494W | FI G 4s               |               | 4            | Green.  | Replaced by can f from Dec. 1 to Apr. 28  |
| 22189   | - Lighted Buoy 16A   | 44-35-13.992N<br>087-58-10.157W | FI R 4s               |               | 4            | Green.  | Replaced by can f from Dec. 1 to Apr. 28  |



| (1)<br>No.  | (2)<br>Name and Location   | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure  | (8)<br>Remarks  |
|---|--|---------------------------------|-----------------------|---------------|--------------|---|---|
| <b>GREEN BAY</b>  |  |                                 |                       |               |              |   |   |
| <b>HEAD OF GREEN BAY (Chart 14918)</b>  |  |                                 |                       |               |              |   |   |
| <b>Green Bay Harbor</b>   |  |                                 |                       |               |              |   |   |
| <b>Green Bay Harbor Entrance Channel</b>  |  |                                 |                       |               |              |   |   |
| <i>Lighted buoys maintained from Apr. 21 to Dec. 1, unless otherwise noted.</i> |  |                                 |                       |               |              |   |   |
| 22200   | - Lighted Buoy 17  | 44-34-55.402N<br>087-58-37.017W | Q G                   |               | 4            | Green.  | year round lighted ice buoy                           |
| 22205   | - LIGHT 18   | 44-34-56.021N<br>087-58-50.498W | FI R 2.5s             | 35<br>11      | 7            | White cylindrical tower with red band.  |   |
| 22210   | - Lighted Buoy 19  | 44-34-42.774N<br>087-58-53.372W | FI G 4s               |               | 4            | Green.  | Replaced by can f from Dec. 1 to Apr. 28.             |
| 22215   | - INNER RANGE FRONT LIGHT  | 44-34-48.517N<br>087-58-59.804W | Q G                   | 31<br>9       |              | KRW on cylindrical tower.   | Visible 14° each side of range line.                  |
| 22216   | - INNER RANGE FRONT PASSING LIGHT                                | 44-34-48.500N<br>087-58-59.861W | FI Y 4s               | 30<br>9       | 5            | On same structure as Green Bay Harbor Entrance Channel Inner Range Front Light. | Above Inner Range Front Light.                        |
| 22220   | - INNER RANGE REAR LIGHT<br>2,498 feet, 237.5° from front light. | 44-34-35.270N<br>087-59-28.920W | Iso G 6s              | 50<br>15      |              | KRW on white cylindrical tower.   | Visible 14° each side of range line.                  |
| 22221   | - INNER RANGE REAR PASSING LIGHT                                 | 44-34-35.210N<br>087-59-28.947W | FI Y 4s               | 50<br>15      | 5            | On same structure as Green Bay Harbor Entrance Channel Inner Range Rear Light.  | Above Inner Range Rear Light.                         |
| 22225   | - Lighted Buoy 22  | 44-34-30.282N<br>087-59-08.531W | FI R 2.5s             |               | 4            | Red.  | Replaced by nun f from Dec. 1 to Apr. 28.             |
| 22230   | - Lighted Buoy 21  | 44-34-29.069N<br>087-59-04.716W | FI G 2.5s             |               | 4            | Green.  | Replaced by can f from Dec. 1 to Apr. 28.             |
| 22235   | - Lighted Buoy 24  | 44-34-02.037N<br>087-59-25.403W | FI R 4s               |               | 4            | Red.  | Replaced by nun f from Dec. 1 to Apr. 28.             |
| 22240   | - Lighted Buoy 23  | 44-34-01.017N<br>087-59-21.705W | FI G 4s               |               | 4            | Green.  | Replaced by can f from Dec. 1 to Apr. 28.             |
| 22245   | - LIGHT 25   | 44-33-31.649N<br>087-59-38.266W | FI G 2.5s             | 28<br>9       | 7            | SG on post.   |   |
| 22255   | - Lighted Buoy 27  | 44-32-56.741N<br>087-59-57.482W | FI G 4s               |               | 4            | Green.  | Replaced by can f from Dec. 1 to Apr. 28.             |
| 22260   | - Lighted Buoy 28  | 44-32-58.178N<br>088-00-01.375W | FI R 4s               |               | 4            | Red.  | Replaced by nun f from Dec. 1 to Apr. 28.             |
| 22265   | - Lighted Buoy 30  | 44-32-22.173N<br>088-00-19.374W | FI R 2.5s             |               | 4            | Red.  | Maintained f from Apr. 28 to Dec. 1.                  |
| <b>Green Bay Harbor</b>   |  |                                 |                       |               |              |   |   |
| 22270   | - DISPOSAL LIGHT   | 44-32-21.000N<br>088-00-13.000W | Q W                   | 8<br>2        |              | On dolphin.   | Maintained f from Apr. 15 to Nov. 15.<br>Private aid. |
| <b>South Bay Marina</b>   |  |                                 |                       |               |              |   |   |
| <i>Lights maintained from Apr. 1 to Nov. 30.</i>                                |  |                                 |                       |               |              |   |   |
| 22271   | - EAST BREAKWATER LIGHT  | 44-32-24.100N<br>087-59-58.000W | FI W 6s               | 11<br>3       |              | On pile.  | Private aid.  |
| 22271.1   | - EAST MIDDLE BREAKWATER LIGHT                                   | 44-32-24.100N<br>088-00-04.000W | FI W 6s               | 11<br>3       |              | On pile.  | Private aid.  |
| 22271.2   | - WEST MIDDLE BREAKWATER LIGHT                                   | 44-32-24.100N<br>088-00-08.000W | FI W 6s               | 11<br>3       |              | On pile.  | Private aid.  |
| 22271.3   | - WEST BREAKWATER LIGHT  | 44-32-22.000N<br>088-00-11.000W | FI W 6s               | 11<br>3       |              | On pile.  | Private aid.  |

| (1)<br>No.   | (2)<br>Name and Location               | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks |
|--|--|---------------------------------|-----------------------|---------------|--------------|------------------|----------------|
| <b>GREEN BAY</b>   |  |                                 |                       |               |              |                  |                |
| <b>HEAD OF GREEN BAY (Chart 14918)</b>   |  |                                 |                       |               |              |                  |                |
| <b>Green Bay Harbor</b>  |  |                                 |                       |               |              |                  |                |
| 22272  | SOUTH BAY MARINA<br>ENTRANCE LIGHT 1   | 44-32-20.800N<br>088-00-11.500W | F G                   | 11<br>3       |              | SG on pile.      | Private aid.   |
| 22273  | SOUTH BAY MARINA<br>ENTRANCE LIGHT 2   | 44-32-20.000N<br>088-00-11.500W | F R                   | 11<br>3       |              | TR on pile.      | Private aid.   |
| <b>LOWER FOX RIVER AND LAKE WINNEBAGO</b>  |  |                                 |                       |               |              |                  |                |
| <b>LOWER FOX RIVER (Chart 14916)</b>   |  |                                 |                       |               |              |                  |                |
| <b>Green Bay City</b>  |  |                                 |                       |               |              |                  |                |
| <i>Due to silting, all buoys in the Fox River and Lake Winnebago may be relocated without prior notice to mark the best channel.</i> |  |                                 |                       |               |              |                  |                |
| <i>Buoys maintained from May 14 to Oct. 14.</i>  |  |                                 |                       |               |              |                  |                |
| 22280  | - Buoy 2                               | 44-30-07.140N<br>088-01-27.799W |                       |               |              | Red nun.         |                |
| 22285  | - Buoy 4                               | 44-29-28.179N<br>088-01-38.832W |                       |               |              | Red nun.         |                |
| 22290  | - Buoy 6                               | 44-29-22.371N<br>088-01-44.568W |                       |               |              | Red nun.         |                |
| 22295  | - Buoy 7                               | 44-29-14.401N<br>088-01-52.012W |                       |               |              | Green can.       |                |
| 22300  | - Buoy 8                               | 44-29-15.489N<br>088-01-53.431W |                       |               |              | Red nun.         |                |
| 22305  | - Buoy 10                              | 44-29-08.754N<br>088-02-05.785W |                       |               |              | Red nun.         |                |
| 22310  | - Buoy 12                              | 44-29-00.689N<br>088-02-20.578W |                       |               |              | Red nun.         |                |
| 22315  | - Buoy 13                              | 44-28-50.144N<br>088-02-36.503W |                       |               |              | Green can.       |                |
| 22320  | - Buoy 14                              | 44-28-51.686N<br>088-02-35.973W |                       |               |              | Red nun.         |                |
| 22323  | - Buoy 16                              | 44-28-42.173N<br>088-02-43.046W |                       |               |              | Red nun.         |                |
| 22325  | - Buoy 18                              | 44-28-15.606N<br>088-03-03.168W |                       |               |              | Red nun.         |                |
| 22330  | - Buoy 19                              | 44-27-57.886N<br>088-03-13.316W |                       |               |              | Green can.       |                |
| 22335  | - Buoy 20                              | 44-27-58.679N<br>088-03-15.098W |                       |               |              | Red nun.         |                |
| 22345  | - Buoy 22                              | 44-27-40.580N<br>088-03-32.836W |                       |               |              | Red nun.         |                |
| 22350  | - Buoy 24                              | 44-27-27.146N<br>088-03-47.615W |                       |               |              | Red nun.         |                |
| 22355  | - Buoy 26                              | 44-27-13.311N<br>088-04-01.513W |                       |               |              | Red nun.         |                |
| 22360  | - Buoy 27                              | 44-27-11.851N<br>088-03-59.399W |                       |               |              | Green can.       |                |
| 22400  | BROTHERTOWN MARINA<br>ENTRANCE LIGHT 1 | 43-57-59.000N<br>088-19-11.000W | FI G 6s               | 15<br>5       |              |                  | Private aid.   |