U.S. Department of
Homeland Security

United States
Coast Guard

LIGHT LIST

Volume VII

GREAT LAKES

**Great Lakes and the St. Lawrence River
above the St. Regis River**

**This publication contains a list of lights, sound
signals, buoys, daybeacons, and other aids to navigation.**

IMPORTANT

***THIS PUBLICATION SHOULD BE CORRECTED
EACH WEEK FROM THE LOCAL NOTICES TO MARINERS
OR NOTICES TO MARINERS AS APPROPRIATE.***

2003

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Preface

Lights and other marine aids to navigation, maintained by or under authority of the U.S. Coast Guard and located on the waters of the Great Lakes are listed in this volume.
Included are all Coast Guard aids to navigation used for general navigation such as lights, sound signals, buoys, daybeacons, and other aids to navigation. Not included are Coast Guard mooring buoys and some buoys having no lateral significance, such as special purpose, anchorage, fish net, and dredging.

PRIVATE AIDS TO NAVIGATION

Included: Class I aids to navigation on marine structures or other works which the owners are legally obligated to establish, maintain, and operate as prescribed by the Coast Guard.

Included: Class II aids to navigation exclusive of Class I, located in waters used by general navigation.

Not included: Class III aids to navigation exclusive of Class I and Class II, located in waters not ordinarily used by general navigation.

This Light List is published annually and is intended to furnish more complete information concerning aids to navigation than can be conveniently shown on charts. This Light List is not intended to be used for navigation in place of charts or Coast Pilots. Charts should be consulted for the location of all aids to navigation. It may be dangerous to use aids to navigation without reference to charts.

This list is corrected to the date of the notices to mariners shown on the title page. Changes to aids to navigation during the year are published in U.S. Coast Guard Local Notices to Mariners and National Imagery and Mapping Agency (NIMA) Notices to Mariners. Important changes to aids to navigation are also broadcast through Coast Guard or Naval radio stations and NAVTEX. Mariners should keep their Light Lists, charts and other nautical publications corrected from these notices and should consult all notices issued after the date of publication of this Light List.

***IMPORTANT**: A summary of corrections for this publication, which includes corrections from the dates shown on the title page to the date of availability, is published in the Local Notice to Mariners and the Notice to Mariners. These corrections must be applied in order to bring the Light List up-to-date. Additionally, this publication should be corrected weekly from the Local Notices to Mariners or the Notices to Mariners, as appropriate.*

Mariners and others are requested to bring any apparent errors or omissions in these lists to the attention of the Ninth District Commander: 1240 East 9th Street, Cleveland, *OH 44199-2060* or USCG Navigation Center, Charting Branch 7323 Telegraph Road Alexandria, Virginia 22315-3940, USCGCharting@Navcen.USCG.mil.

This Light List is corrected through: Ninth Coast Guard District Local Notice to Mariners No.29/03
and
National Imagery and Mapping Agency Notice to Mariners No.33/03

The 2003 edition supersedes the 2002 edition.

RECORD OF CORRECTIONS PUBLISHED IN LOCAL/NOTICES TO MARINERS

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Section 1

St. Lawrence River

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. LAWRENCE RIVER				
	ST. REGIS ISLAND TO CROIL ISLANDS (Chart 14761)						
	St. Lawrence Seaway						
5	*- Lighted Buoy 1*	45 00 12 N 74 40 06 W	**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
10	- LIGHT 2 (C)	45 00 12 N 74 40 30 W	**Q R**	40 **12**		White circular tower, red top. 20	Seasonal.
15	*- Lighted Buoy 3*		**Q G**			Green.	Spar; winter marker. S.L.S.D.C.
20	- LIGHT 4 (C)	45 00 06 N 74 41 00 W	**Fl R** 4s	40 **12**		White circular tower, red top. 20	Seasonal.
25	*- Lighted Buoy 5*	44 59 54 N 74 41 00 W	**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
30	*- Lighted Buoy 5A*	44 59 54 N 74 41 24 W	**Fl G** 4s			Green.	Winter marker. S.L.S.D.C.
35	*- Lighted Buoy 5B*	45 00 00 N 74 41 48 W	**Fl G** 4s			Green.	S.L.S.D.C.
40	*- Lighted Buoy 6*		**Fl R** 4s			Red.	Winter marker. S.L.S.D.C.
45	*- Lighted Buoy 6A*		**Fl R** 4s			Red.	S.L.S.D.C.
50	*- Lighted Buoy 7*		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
55	*- Lighted Buoy 8*		**Fl R** 4s			Red.	Spar; winter marker. S.L.S.D.C.
60	*- Lighted Buoy 9*		**Fl G** 4s			Green.	S.L.S.D.C.
65	- LIGHT 10 SECTOR (C)	45 00 06 N 74 42 54 W	**F W** **(R & G sectors)**	54 **16**		White skeleton tower on pile crib with orange triangular daymark. 44	Red 276° to 277.8°; white 277.8° to 279.3°; green 279.3° to 281°. White sector indicates preferred channel. Seasonal.
66	- LIGHT 10 DIRECTION (C)	45 00 06 N 74 42 54 W	**F R**	51 **16**		White skeleton tower on pile crib with orange triangular daymark. 44	Visible from 044.5° to 051.5°. Increased intensity on a bearing of 048°. Seasonal.
70	- LIGHT 11	44 59 48 N 74 43 06 W	**Fl G** 2.5s	28 **9**		SG on pile.	Maintained from Apr. 1 to Dec. 15. S.L.S.D.C.
75	- LIGHT 13	44 59 36 N 74 43 24 W	**Fl G** 4s	28 **9**		SG on pile.	Maintained from Apr. 1 to Dec. 15. S.L.S.D.C.
80	*- Lighted Buoy 14*		**Fl R** 4s			Red.	S.L.S.D.C.
85	*- Lighted Buoy 15*		**Q G**			Green.	S.L.S.D.C.

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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. LAWRENCE RIVER				
90	Aluminum Foundry Water Intake Buoy					Yellow.	Private aid.
95	*- Lighted Buoy 16*		**Fl R** 4s			Red.	S.L.S.D.C.
100	*- Lighted Buoy 17*		**Fl G** 4s			Green.	S.L.S.D.C.
105	POLLY'S GUT TRAINING DIKE EAST END LIGHT A		**Q Y**	15 **5**		On white pile.	S.L.S.D.C.
110	POLLY'S GUT TRAINING DIKE WEST END LIGHT B		**Q Y**	6 **2**		On box.	Maintained from Apr. 1 to Dec. 15. S.L.S.D.C.
115	POLLY'S GUT TRAINING DIKE A LIGHT C	44 59 30 N 74 45 48 W	**Q Y**	15 **5**		On white pile.	S.L.S.D.C.
120	- Buoy 18					Red nun.	S.L.S.D.C.
125	- Buoy 19					Green can.	S.L.S.D.C.
130	- LIGHT 20		**F R**	28 **9**		TR on wall.	S.L.S.D.C.
135	- LIGHT 21		**F G**	28 **9**		SG on wall.	S.L.S.D.C.
140	- LIGHT 23		**F G**	28 **9**		SG on wall.	S.L.S.D.C.
145	- LIGHT 24		**F R**	28 **9**		TR on wall.	S.L.S.D.C.
150	- LIGHT 25 About 75 feet outside channel limit.		**Fl G** 2.5s	28 **9**		SG on pile.	S.L.S.D.C.
155	- LIGHT 26		**Fl R** 4s	28 **9**		TR on pile.	S.L.S.D.C.
160	- MOORING CELLS LIGHT A		**F Y**	15 **5**			S.L.S.D.C.
165	- MOORING CELLS LIGHT B		**F Y**	15 **5**			S.L.S.D.C.
170	- LIGHT 28 About 63 feet outside channel limit.		**Fl R** 4s	28 **9**		TR on pile.	S.L.S.D.C.
175	- LIGHT 29 About 73 feet outside channel limit.		**Fl G** 4s	28 **9**		SG on pile.	S.L.S.D.C.
180	- LIGHT 30 About 50 feet outside channel limit.		**Fl R** 2.5s	28 **9**		TR on pile.	S.L.S.D.C.
185	- LIGHT 31		**Fl G** 2.5s	28 **9**		SG on cell.	S.L.S.D.C.
190	- MOORING CELLS LIGHT C		**F Y**	15 **5**			S.L.S.D.C.
195	*- Lighted Buoy 32*		**Fl R** 4s			Red.	Winter marker. S.L.S.D.C.
200	- Buoy 32A					Red nun.	S.L.S.D.C.

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			ST. LAWRENCE RIVER				
	CROIL ISLAND TO LEISHMAN POINT (Chart 14762)						
	St. Lawrence Seaway						
310	- LIGHT 51		**Fl G** 4s	28 **9**		SG on tower.	S.L.S.D.C.
315	*- Lighted Buoy 52*		**Fl R** 4s			Red.	Winter marker. S.L.S.D.C.
320	- LIGHT 54		**Fl R** 2.5s	28 **9**		TR on pile.	Mainatained from Apr. 1 to Dec. 15. S.L.S.D.C.
325	- LIGHT 55 About 60 feet outside channel limit.	44 57 30 N 74 58 06 W	**Fl G** 2.5s	28 **9**		SG on pile.	Maintained from Apr. 1 to Dec. 15. S.L.S.D.C.
330	*- Lighted Buoy 56*		**Fl R** 4s			Red.	Winter marker. S.L.S.D.C.
335	- LIGHT 57 About 125 feet outside channel limit.		**Q G**	30 **9**		SG on tower on cell.	S.L.S.D.C.
	Lake St. Lawrence Yacht Club Channel						
	Buoys maintained from May 1 to Oct. 1.						
336.1	- Buoy 1	44 56 30 N 74 59 54 W				Green can.	Private aid.
336.15	- Buoy 2					Red nun.	Private aid.
336.2	- Buoy 3					Green can.	Private aid.
336.25	- Buoy 4					Red nun.	Private aid.
336.3	- Buoy 5					Green can.	Private aid.
336.35	- Buoy 6					Red nun.	Private aid.
336.4	- Buoy 7					Green can.	Private aid.
336.45	- Buoy 8					Red nun.	Private aid.
336.5	- Buoy 9					Green can.	Private aid.
336.55	- Buoy 10					Red nun.	Private aid.
336.6	- Buoy 11					Green can.	Private aid.
336.65	- Buoy 12					Red nun.	Private aid.
340	- LIGHT 58 About 175 feet outside channel limit.		**Fl R** 4s	28 **9**		TR on tower on cell.	Maintained from Apr. 1 to Dec. 15. S.L.S.D.C.
345	CAT ISLAND LEADING LIGHT	44 57 12 N 75 00 24 W	**F W**			NB on cells.	Visible 4° each side of 257.4° S.L.S.D.C.
350	*- Lighted Buoy 60* Marks shoal.		**Q R**			Red.	Winter marker. S.L.S.D.C.

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. LAWRENCE RIVER				
	Wilson Hill Small Boat Channel						
	Buoys maintained from Apr. 30 to Sep. 30.						
351	- Buoy 1	44 56 24 N 75 00 30 W				Green can.	Private aid.
351.05	- Buoy 2					Red nun.	Private aid.
351.1	- Buoy 3					Green can.	Private aid.
351.15	- Buoy 4					Red nun.	Private aid.
351.2	- Buoy 5					Green can.	Private aid.
351.25	- Buoy 6					Red nun.	Private aid.
351.3	- Buoy 7					Green can.	Private aid.
351.35	- Buoy 8					Red nun.	Private aid.
351.4	- Buoy 9					Green can.	Private aid.
351.45	- Buoy 10					Red nun.	Private aid.
351.5	- Buoy 11					Green can.	Private aid.
351.55	- Buoy 12					Red nun.	Private aid.
	St. Lawrence Seaway						
355	*- Lighted Buoy 61*		**Fl G** 4s			Green.	Maintained from Apr. 1 to Dec. 15. S.L.S.D.C.
360	WILSON HILL RANGE FRONT LIGHT	44 57 00 N 74 59 42 W	**F G**	28 **9**		Orange triangular daymark with black stripes on square tower.	S.L.S.D.C.
365	WILSON HILL RANGE REAR LIGHT 1,500 feet, 068.7° from front light.		**F G**	58 **18**		Orange triangular daymark with black stripes on square tower.	S.L.S.D.C.
370	*- Lighted Buoy 63*		**Fl G** 4s			Green.	S.L.S.D.C.
375	*Weaver Shoal Anchorage Area E Lighted Buoy XA* (C)	44 56 54 N 75 01 54 W	**Fl Y** 4s			Yellow.	Seasonal.
380	*Weaver Shoal Anchorage Area W Lighted Buoy XC* (C)	44 56 30 N 75 03 24 W	**Fl Y** 4s			Yellow.	Seasonal.
385	*- Lighted Buoy 67*		**Fl G** 4s			Green.	Winter marker. S.L.S.D.C.
390	- LIGHT 68 Marks Weaver Shoal. (C)	44 55 54 N 74 04 06 W	**Q R**	45 **14**		White circular tower. 43	
395	- LIGHT 70 (C)	44 55 48 N 75 04 48 W	**Fl R** 4s	29 **9**		White circular tower with red top. 20	Seasonal.
400	- LIGHT 71		**Fl G** 4s	23 **7**		SG on pile.	S.L.S.D.C.

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			ST. LAWRENCE RIVER				
205	*- Lighted Buoy 33*		**Fl G** 4s			Green.	S.L.S.D.C.
210	- LIGHT 34	44 58 54 N 74 50 30 W	**F R**	28 **9**		TR on wall.	S.L.S.D.C.
215	- LIGHT 35		**F G**	28 **9**		SG on wall.	S.L.S.D.C.
220	- LIGHT 37		**F G**	28 **9**		SG on wall.	S.L.S.D.C.
225	- LIGHT 38		**F R**	28 **9**		TR on wall.	S.L.S.D.C.
230	- Buoy 38A					Red nun.	S.L.S.D.C.
235	*- Lighted Buoy 39*		**Fl G** 4s			Green.	Winter marker. S.L.S.D.C.
240	*- Lighted Buoy 40*		**Fl R** 4s			Red.	Winter marker. S.L.S.D.C.
245	- MOORING CELLS LIGHT D		**F Y**	15 **5**			S.L.S.D.C.
250	- LIGHT 41		**Fl G** 2.5s	28 **9**		SG on pile.	S.L.S.D.C.
255	- LIGHT 42 About 55 feet outside channel limit.		**Fl R** 2.5s	28 **9**		TR on pile.	S.L.S.D.C.
260	- LIGHT 43 About 55 feet outside channel limit.		**Fl G** 4s	28 **9**		SG on pile.	S.L.S.D.C.
265	- LIGHT 44 About 50 feet outside channel limit.		**Fl R** 4s	28 **9**		TR on pile.	S.L.S.D.C.
270	- LIGHT 45 About 75 feet outside channel limit.		**Fl G** 2.5s	28 **9**		SG on pile.	S.L.S.D.C.
275	- LIGHT 46 About 55 feet outside channel limit.		**Fl R** 2.5s	28 **9**		TR on pile.	S.L.S.D.C.
280	*- Lighted Buoy 46A*		**Fl R** 4s			Red.	Maintained from Apr. 1 to Dec. 15. S.L.S.D.C.
285	- LIGHT 47	44 57 54 N 74 55 42 W	**Fl G** 4s	28 **9**		SG on cell.	Maintained from Apr. 15 to Dec. 15. S.L.S.D.C.
290	- LIGHT 48 About 50 feet outside channel limit.		**Fl R** 4s	28 **9**		TR on pile.	S.L.S.D.C.
295	*- Lighted Buoy 48A*	44 57 54 N 74 56 12 W	**Fl R** 4s			Red.	Winter marker. S.L.S.D.C.
300	*- Lighted Buoy 49*		**Fl G** 4s			Green.	Winter marker. S.L.S.D.C.
305	*- Lighted Buoy 50*		**Fl R** 4s			Red.	Winter marker. S.L.S.D.C.

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			ST. LAWRENCE RIVER				
410	*- Lighted Buoy 72* (C)	44 55 48 N 75 05 30 W	**Q R**			Red.	Seasonal.
415	- LIGHT 73		**Fl G** 2.5s	30 **9**		SG on tower on cell.	RACON: M (– –) S.L.S.D.C.
420	*- Lighted Buoy 74* (C)	44 55 24 N 75 06 36 W	**Fl R** 4s			Red.	Seasonal.
425	DORAN SHOAL RANGE FRONT LIGHT (C)	44 56 00 N 75 06 48 W	**F Y**	33 **10**		Orange triangular daymark with black stripes on skeleton tower.	Seasonal.
430	DORAN SHOAL RANGE REAR LIGHT 1,225 feet, 040.2° from front light. (C)		**F Y**	56 **17**	26	Orange triangular daymark with black stripes on skeleton tower.	Seasonal.
	Coles Creek Channel				45		
	These private aids best mark the channel and may shift as channel conditions warrant. Maintained from Apr. 30 to Sept. 30.						
435	*- Lighted Buoy 1*		**Fl G** 4s			Green.	
440	*- Lighted Buoy 2*		**Fl R** 4s			Red.	
445	*- Lighted Buoy 3*		**Fl G** 4s			Green.	
450	*- Lighted Buoy 4*		**Fl R** 4s			Red.	
455	*- Lighted Buoy 5*		**Fl G** 4s			Green.	
460	*- Lighted Buoy 6*		**Fl R** 4s			Red.	
465	*- Lighted Buoy 7*		**Fl G** 4s			Green.	
470	*- Lighted Buoy 8*		**Fl R** 4s			Red.	
475	*- Lighted Buoy 9*		**Fl G** 4s			Green.	
480	*- Lighted Buoy 10*		**Fl R** 4s			Red.	
	St. Lawrence Seaway						
485	- LIGHT 75 About 100 feet outside channel limit.		**Fl G** 4s	30 **9**		SG on tower on cell.	S.L.S.D.C.
490	*- Lighted Buoy 77*		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
495	WEAVER SHOAL RANGE FRONT LIGHT (C)	44 55 30 N 75 07 54 W	**F W**	33 **10**		White triangular daymark with black stripe on skeleton tower.	Seasonal.
500	WEAVER SHOAL RANGE REAR LIGHT 1,520 feet, 262° from front light. (C)		**F W**	56 **17**		White inverted triangular daymark with black stripe on skeleton tower.	Seasonal.
505	*- Lighted Buoy 78* (C)		**Q R**			Red.	Seasonal.
510	- LIGHT 79 About 70 feet outside channel limit.		**Q G**	30 **9**		SG on tower on cell.	S.L.S.D.C.

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			ST. LAWRENCE RIVER				
515	GOOSE NECK ISLAND SHOALS RANGE FRONT LIGHT (C)	44 54 54 N 75 08 48 W	**F R**	33 **10**		Orange triangular daymark with black stripes on skeleton tower.	Seasonal.
520	GOOSE NECK ISLAND SHOALS RANGE REAR LIGHT 470 feet, 255° from front light. (C)		**F R**	45 **14**		Orange inverted daymark with black stripes on skeleton tower. 35	Seasonal.
530	- LIGHT 81 Marks Doran Shoal. (C)	44 54 00 N 75 09 00 W	**Q G**	37 **11**		White circular tower with green band at top.	Seasonal.
535	- LIGHT 82 About 150 feet outside channel limits. (C)	44 54 06 N 75 09 12 W	**Fl R** 4s	29 **9**		White circular tower with red top. 20	Seasonal.
540	*- Lighted Buoy 84* (C)	44 53 48 N 75 09 42 W	**Fl R** 4s			Red.	Seasonal.
550	- LIGHT 85		**Fl G** 4s	10 **3**		SG on tower on cell.	Maintained from Apr. 15 to Dec. 15. S.L.S.D.C.
555	*- Lighted Buoy 86* (C)	44 53 12 N 75 11 00 W	**Fl R** 4s			Red.	Seasonal.
560	*Canada Island Anchorage Area N Lighted Buoy XJ* (C)	44 53 36 N 75 10 30 W	**Fl Y** 4s			Yellow.	Seasonal.
565	*- Lighted Buoy 87*		**Fl G** 4s			Green.	Winter marker. S.L.S.D.C.
570	*- Lighted Buoy 88*	44 53 06 N 75 11 24 W	**Fl R** 4s			Red.	
575	*- Lighted Buoy 89* Marks northwest side of Clark Island Shoal.		**Fl G** 4s			Green.	S.L.S.D.C.
580	OGDEN ISLAND RANGE FRONT LIGHT	44 52 48 N 75 11 42 W	**F G**	28 **9**		Orange triangular daymark with black stripes on skeleton tower on cell.	S.L.S.D.C.
585	OGDEN ISLAND RANGE REAR LIGHT 950 feet, 237.3° from front light.		**F G**	52 **16**		Orange triangular daymark with black stripes on square tower.	S.L.S.D.C.
586	*Waddington Lighted Buoy 1*	44 52 12 N 75 11 42 W	**Fl G** 2.5s				Maintained from May 1 to Nov. 1. Private aid.
587	*Waddington Lighted Buoy 3*		**Fl G** 4s				Maintained from May 1 to Nov. 1. Private aid.
590	*- Lighted Buoy 91*		**Fl G** 4s			Green.	S.L.S.D.C.
595	- LIGHT 92 (C)	44 52 54 N 75 12 12 W	**Fl R** 4s	36 **11**		White circular tower with red top. 25	Seasonal.
600	MARIATOWN RANGE FRONT LIGHT (C)	44 53 00 N 75 12 36 W	**F G**	33 **10**		Orange triagular daymark with black stripes on white skeleton tower. 25	Seasonal.

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. LAWRENCE RIVER				
605	MARIATOWN RANGE REAR LIGHT 443 feet, 057° from front light. (C)		**F G**	47 **14**		Orange inverted triangular daymark with black stripes on white skeleton tower. 35	Seasonal.
610	*- Lighted Buoy 92A* (C)	44 52 48 N 75 12 36 W	**Fl R** 4s			Red.	Seasonal.
615	*- Lighted Buoy 93*		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
620	*- Lighted Buoy 94* (C)		**Q R**			Red.	Seasonal.
625	*- Lighted Buoy 95* (C)	44 52 30 N 75 13 24 W	**Fl G** 4s			Green.	Seasonal.
630	- LIGHT 96 (C)		**Fl R** 4s	27 **8**	7	White circular tower with red top. 23	Seasonal.
635	MARIATOWN APPROACH RANGE FRONT LIGHT (C)	44 52 36 N 75 13 42 W	**F R**	38 **12**		Orange triangular daymark with black stripe on white skeleton tower. 25	
640	MARIATOWN APPROACH RANGE REAR LIGHT 500 feet, 255.4° from front light. (C)		**F R**	53 **16**		Orange triangular daymark with black stripe on white skeleton tower. 35	Seasonal.
645	*- Lighted Buoy 96A* (C)	44 52 18 N 75 14 00 W	**Fl R** 4s			Red.	Seasonal.
650	*- Lighted Buoy 98* (C)		**Fl R** 4s			Red.	Seasonal.
655	*- Lighted Buoy 99*		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
	LEISHMAN POINT TO OGDENSBURG (Chart 14763)						
	St. Lawrence Seaway						
660	*- Lighted Buoy 100* (C)	44 51 36 N 75 15 18 W	**Q R**			Red.	Seasonal.
665	*- Lighted Buoy 101* Marks shoal.		**Fl G** 4s			Green.	S.L.S.D.C.
670	*- Lighted Buoy 102* (C)	44 51 30 N 75 15 42 W	**Fl R** 4s			Red.	Seasonal.
675	*- Lighted Buoy 103*		**Fl G** 4s			Green.	S.L.S.D.C.
680	*- Lighted Buoy 104* (C)	44 51 18 N 75 16 24 W	**Q R**			Red.	Seasonal.
685	*- Lighted Buoy 105*		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
700	*- Lighted Buoy 107A* (C)		**Fl G** 4s			Green boat-shaped buoy.	Seasonal.
705	IROQUOIS LOCK RANGE FRONT LIGHT (C)	44 50 42 N 75 18 12 W	**F W**	33 **10**		Orange triangular daymark with black stripes on white skeleton tower.	Seasonal.

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			ST. LAWRENCE RIVER				
710	IROQUOIS LOCK RANGE REAR LIGHT 745 feet, 026.3° from front light. (C)		**F W**	43 **13**		Orange triangular daymark with black stripes on white skeleton tower. 35	Seasonal.
715	- *Lighted Buoy 108* (C)		**Q R**			Red.	Seasonal.
720	- *Lighted Buoy 108A* (C)	44 50 24 N 75 18 30 W	**Fl R** 4s			Red.	Seasonal.
725	IROQUOIS APPROACH RANGE FRONT LIGHT (C)	44 50 24 N 75 18 36 W	**F R**	32 **10**		Orange triangular daymark with black stripes on white skeleton tower. 25	Seasonal.
730	IROQUOIS APPROACH RANGE REAR LIGHT 601 feet, 241.4° from front light. (C)		**F R**	47 **14**		Orange triangular daymark with black stripes on white skeleton tower. 40	Seasonal.
735	- *Lighted Buoy 109* (C)		**Q G**			Green boat-shaped buoy.	Seasonal.
745	- LIGHT 111 (C)		**Fl G** 4s	46 **14**		Orange triangular daymark on white skeleton tower. 40	Seasonal.
755	- *Lighted Buoy 112* (C)	44 49 00 N 75 19 30 W	**Fl R** 4s			Red.	Seasonal.
760	- *Lighted Buoy 113*	44 48 54 N 75 19 18 W	**Q G**			Green.	
765	- LIGHT 114 (C)	44 48 48 N 75 19 48 W	**Fl R** 4s	23 **7**		White circular tower with red top. 20	Seasonal.
770	TOUSSAINT ISLAND WEST LIGHT (C)	44 48 42 N 75 20 00 W	**Iso R** 2s	21 **6**		White circular tower with red top. 20	Seasonal.
775	SPARROWHAWK POINT LEADING LIGHT	44 48 06 N 75 20 00 W	**F G**	48 **15**		Orange triangular daymark with black stripe on post.	Higher intensity beam on bearing 205.8°. S.L.S.D.C.
780	- LIGHT 115 About 200 feet outside channel limit.		**Fl G** 2.5s	28 **9**		SG on pile on cell.	S.L.S.D.C.
785	- *Lighted Buoy 116*		**Fl R** 4s			Red.	Spar; winter marker. S.L.S.D.C.
790	- *Lighted Buoy 117*		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
795	- *Lighted Buoy 118* (C)	44 47 06 N 75 22 12 W	**Fl R** 4s			Red.	Seasonal.
800	- *Lighted Buoy 119*		**Fl G** 4s			Green.	S.L.S.D.C.
805	- *Lighted Buoy 120* (C)	44 46 54 N 75 22 42 W	**Fl R** 4s			Red.	Seasonal.
810	GALOP ISLAND EAST RANGE FRONT LIGHT	44 46 36 N 75 22 54 W	**F G**	28 **9**		Orange triangular daymark with black stripes on skeleton tower.	S.L.S.D.C.

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			ST. LAWRENCE RIVER				
815	GALOP ISLAND EAST RANGE REAR LIGHT 1,700 feet, 227° from front light.		**F G**	60 **18**		Orange triangular daymark with black stripes on square tower.	S.L.S.D.C.
820	- LIGHT 121		**Fl G** 4s	28 **9**		SG on pile on cell.	S.L.S.D.C.
825	Galop Island Sluff in Downstream Buoy					Green can.	S.L.S.D.C.
830	- Buoy 121A					Green can.	S.L.S.D.C.
835	*- Lighted Buoy 122*		**Fl R** 4s			Red.	Spar; winter marker. S.L.S.D.C.
840	- LIGHT 123 About 160 feet outside channel limit.		**Fl G** 4s	28 **9**		White square daymark with green border on white pile.	S.L.S.D.C.
845	*- Lighted Buoy 125*		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
850	*- Lighted Buoy 124*		**Fl R** 4s			Red.	Spar; winter marker. S.L.S.D.C.
855	*- Lighted Buoy 125A*		**Fl G** 4s			Green.	Maintained from Apr. 1 to Dec. 15. S.L.S.D.C.
860	*- Lighted Buoy 126*		**Fl R** 4s			Red.	Winter marker. S.L.S.D.C.
865	*- Lighted Buoy 127*		**Fl G** 4s			Green.	S.L.S.D.C.
870	DRUMMOND ISLAND RANGE FRONT LIGHT (C)	44 45 30 N 75 25 36 W	**Iso R** 2s	45 **14**		Orange inverted triangular daymark with black stripe on white skeleton tower. 30	Seasonal.
875	DRUMMOND ISLAND RANGE REAR LIGHT 3,168 feet, 236.5° from front light. (C)		**F R**	70 **21**		Orange inverted triangular daymark with black stripes on skeleton tower. 51	Seasonal.
880	GALOP ISLAND WEST RANGE FRONT LIGHT	44 45 12 N 75 25 12 W	**F G**	28 **9**		Orange triangular daymark with black stripes on skeleton tower.	S.L.S.D.C.
885	GALOP ISLAND WEST RANGE REAR LIGHT 1,296 feet, 058.0° from front light.	44 45 18 N 75 24 54 W	**F G**	48 **15**		Orange triangular daymark with black stripes on skeleton tower.	S.L.S.D.C.
890	*- Lighted Buoy 126A*		**Q R**			Red.	S.L.S.D.C.
895	- ICE BOOM CELL LIGHT C Marks location of anchors, cables and pile cells.		**F Y**	12 **4**		Post on cell.	Private aid.
900	*- Lighted Buoy 129*	44 44 48 N 75 25 54 W	**Q G**			Green.	Spar; winter marker. S.L.S.D.C.
905	*- Lighted Buoy 128*	44 44 48 N 75 26 12 W	**Fl R** 4s			Red.	Spar; winter marker. S.L.S.D.C.

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			ST. LAWRENCE RIVER				
910	CHIMNEY ISLAND LEADING LIGHT	44 44 30 N 75 26 24 W	**F W** **(R & G sectors)**	28 **9**		On post.	Red from 220.4° to 221.3°, white from 221.3° to 222.2°, green from 222.2° to 223.2°. S.L.S.D.C.
925	*- Lighted Buoy 130A* (C)		**Fl R** 4s			Red.	Seasonal.
940	*- Lighted Buoy 131* (C)	44 44 18 N 75 27 06 W	**Fl G** 4s			Green.	Seasonal.
950	*- Lighted Buoy 131A* (C)	44 43 42 N 75 28 00 W	**Fl G** 4s			Green.	Seasonal.
955	- ICE BOOM CELL LIGHT B Marks location of anchors, cables and pile cells.		**F Y**	12 **4**		White post on cell.	Private aid.
	OGDENSBURG TO BROCKVILLE (Chart 14764)						
	St. Lawrence Seaway						
960	*- Lighted Buoy 131B*		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
965	*- Lighted Buoy 132* (C)	44 43 06 N 75 29 06 W	**Fl R** 4s			Red.	Seasonal.
970	*- Lighted Buoy 133*		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
975	PRESCOTT HERITAGE HARBOUR LIGHT (C)	44 42 36 N 75 30 36 W	**Iso G** 4s	25 **8**		White lighthouse with green top.	Seasonal.
	Ogdensburg Harbor						
985	*- East Entrance Lighted Buoy 2*		**Fl R** 4s			Red.	S.L.S.D.C.
990	*- East Entrance Lighted Buoy 4*		**Fl R** 4s			Red.	S.L.S.D.C.
995	*- West Entrance Lighted Buoy 2*		**Fl R** 4s			Red.	S.L.S.D.C.
1000	- West Entrance Buoy 3					Green can.	S.L.S.D.C.
1005	- West Entrance Buoy 4					Red nun.	S.L.S.D.C.
1010	*- West Entrance Lighted Buoy 5*		**Fl G** 4s			Green.	S.L.S.D.C.
	St. Lawrence Seaway						
1020	Catamaran Shoal Buoy 135 Marks northwest side of shoal.					Green can.	S.L.S.D.C.
1025	*North McNair Shoal Lighted Buoy 136* (C)		**Fl R** 4s			Red.	Seasonal.
1035	*South McNair Shoal Lighted Buoy 137A* (C)	44 35 36 N 75 40 00 W	**Fl G** 4s			Green.	Seasonal.

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			ST. LAWRENCE RIVER				
1040	**Brockville Breakwater Light** (C)		**Fl R** 4s	32 **10**		White circular tower with red top. 21	Seasonal.
1045	SKELETON ISLAND LIGHT 138 (C)		**Fl R** 4s	37 **11**		White circular tower with red top. 20	Seasonal.
1050	*Refugee Island Shoal Lighted Buoy 139* Marks east side of shoal. (C)		**Fl G** 4s			Green.	Seasonal.
	HOLMES POINT TO DEER ISLAND (Chart 14765)						
	St. Lawrence Seaway						
1065	McCOY ISLAND LIGHT 141 (C)		**Q G**	30 **9**		White circular tower with black top. 20	Seasonal.
1070	ROYAL ISLAND LIGHT 142 Marks shoal. (C)		**Fl R** 4s	31 **9**		White circular tower with red top. 20	Seasonal.
1075	- LIGHT 143 (C)	44 34 00 N 75 42 24 W	**Fl G** 4s	26 **8**		White circular tower with black top. 20	Seasonal.
1080	*- Lighted Buoy 143A* Marks north side of shoal. (C)	44 33 42 N 75 42 42 W	**Fl G** 4s			Green.	Seasonal.
1085	- LIGHT 144 Marks McDonald Point Shoal. (C)		**Q R**	28 **9**		White circular tower with red top. 12	Seasonal.
1090	STOVIN ISLAND LIGHT 145 (C)	44 33 36 N 75 42 54 W	**Fl G** 4s	34 **10**		White circular tower with green top. 20	Seasonal.
1095	NEEDLES EYE ISLAND LIGHT 146 (C)		**Fl R** 4s	34 **10**		White circular tower with red top. 20	Seasonal.
1100	*DeRottenburg Lighted Buoy 145A* (C)		**Fl G** 4s			Green.	Seasonal.
1105	*- Lighted Buoy 146A* (C)		**Fl R** 4s			Red.	
1110	DeWATTEVILLE ISLAND RANGE FRONT LIGHT (C)	44 32 54 N 75 44 00 W	**F W**	30 **9**		Orange triangular daymark with black stripes on white circular tower with red top. 20	Seasonal.
1115	DeWATTEVILLE ISLAND RANGE REAR LIGHT 1,140 feet, 036.9° from front light. (C)		**F W**	69 **21**		Orange inverted triangular daymark with black stripes on red skeleton tower. 35	Visible on range line only. Seasonal.
1120	- LIGHT 147 (C)	44 32 30 N 75 44 12 W	**Fl G** 4s	30 **9**		White circular tower with green top. 12	Seasonal.
1125	*- Lighted Buoy 147A* (C)	44 32 12 N 75 44 36 W	**Fl G** 4s			Green.	Seasonal.

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			ST. LAWRENCE RIVER				
1130	- LIGHT 15 (C)	44 31 48 N 75 45 18 W	**Fl R** 4s	28 **9**		White cylindrical tower with red top. 12	Seasonal.
1135	*Cole Shoal Lighted Buoy 150A* Marks south side of Cole Shoal. (C)		**Fl R** 4s			Red.	Seasonal.
1140	- LIGHT 151 (C)	44 31 24 N 75 45 24 W	**Fl G** 4s	30 **9**		White circular tower with green top. 15	Seasonal.
1145	*- Lighted Buoy 152* (C)	44 31 06 N 75 46 00 W	**Fl R** 4s			Red.	Seasonal.
1150	BROCKVILLE CROSSOVER RANGE FRONT LIGHT (C)	44 31 36 N 75 45 54 W	**Iso G** 2s	32 **10**		Orange trianglar daymark with black stripe on white circular tower. 30	Seasonal.
1155	BROCKVILLE CROSSOVER RANGE REAR LIGHT 2,153 feet, 013.5° from front light. (C)		**F G**	61 **19**		Orange inverted triangular daymark with black stripe on white skeleton tower. 36	Seasonal.
1170	*- Lighted Buoy 153*	44 30 36 N 75 46 12 W	**Q G**			Green.	Spar; winter marker. S.L.S.D.C. RACON: M(**– –**).
1175	- Buoy 154 Marks shoal.					Red nun.	S.L.S.D.C.
1180	- LIGHT 156 Marks Bay State Shoal, about 60 feet outside channel limit.		**Fl R** 2.5s	30 **9**		TR on tower on cell.	S.L.S.D.C.
1185	*- Lighted Buoy 157*	44 30 18 N 75 46 18 W	**Fl G** 4s			Green.	Winter marker. S.L.S.D.C.
1190	*- Lighted Buoy 159*	44 29 48 N 75 46 24 W	**Fl G** 4s			Green.	Winter marker. S.L.S.D.C.
1195	- LIGHT 160 Marks Cross Over Island Shoal, about 105 feet outside channel limit.	44 29 48 N 75 46 36 W	**Fl R** 4s	28 **9**		TR on tower on cell.	S.L.S.D.C.
1200	*- Lighted Buoy 162*		**Q R**			Red.	Spar; winter marker. S.L.S.D.C.
1205	- LIGHT 163 About 140 feet outside channel limit.		**Fl G** 2.5s	28 **9**		SG on pile.	S.L.S.D.C.
1210	CHIPPEWA POINT DIRECTIONAL LIGHT		**F W** **(R & G sectors)**	28 **9**		White post.	White from 193° to 195°, red from 186° to 193°, green from 195° to 202°. S.L.S.D.C.
1215	*- Lighted Buoy 163A*		**Fl G** 4s			Green.	S.L.S.D.C.
1220	*- Lighted Buoy 164*		**Fl R** 4s			Red.	Spar; winter marker. S.L.S.D.C.
1225	- LIGHT 165		**Fl G** 4s	23 **7**		SG on tower on cell.	S.L.S.D.C.

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1230	CHIMNEY ISLAND LIGHT (C)	44 28 00 N 75 50 00 W	**Fl R** 4s	18 **5**		White circular tower with red top. 16	Seasonal.
1235	HAFFIE SHOAL LIGHT (C)	44 27 30 N 75 50 42 W	**Fl R** 4s	34 **10**		White circular tower with red top. 24	Seasonal.
1240	*- Lighted Buoy 166*		**Fl R** 4s			Red.	S.L.S.D.C.
1245	*- Lighted Buoy 167*		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
1250	- LIGHT 168 About 205 feet outside channel limit.	44 27 00 N 75 48 48 W	**Fl R** 4s	23 **7**		TR on pile.	Maintained from Apr. 1 to Dec. 15. S.L.S.D.C.
1255	*- Lighted Buoy 170*		**Fl R** 4s			Red.	S.L.S.D.C.
1260	*- Lighted Buoy 172* Marks shoal. (C)		**Fl R** 4s			Red.	Seasonal.
1265	*Haskell Shoal Lighted Buoy 173* Marks north side of shoal. (C)	44 26 12 N 75 49 24 W	**Q G**			Green.	Spar; winter marker. Seasonal.
1270	*- Lighted Buoy 176*		**Fl R** 4s			Red.	Winter marker. S.L.S.D.C.
1275	*- Lighted Buoy 177*		**Fl G** 4s			Green.	S.L.S.D.C.
1280	- LIGHT 178 About 175 feet outside channel limit.		**Fl R** 4s	28 **9**		TR on pile.	S.L.S.D.C.
1285	- LIGHT 179		**Fl G** 2.5s	28 **9**		SG on pile.	S.L.S.D.C.
1290	- LIGHT 180 Marks Ironside Shoal.	44 23 48 N 75 51 24 W	**Q R**	28 **9**		TR on tower on cell.	S.L.S.D.C.
1295	*- Lighted Buoy 181*		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
1300	*- Lighted Buoy 181A*		**Fl G** 4s			Green.	S.L.S.D.C.
1305	- LIGHT 182 Marks Whiskey Island Shoal, about 95 feet outside channel limit.		**Fl R** 4s	28 **9**		TR on pile.	Maintained from Apr. 1 to Dec. 15. S.L.S.D.C.
1310	- LIGHT 183 Marks Excelsior Shoal, about 180 feet outside channel limit.	44 22 24 N 75 53 06 W	**Fl G** 4s	34 **10**		SG on tower on concrete base.	S.L.S.D.C.
1315	*- Lighted Buoy 185*		**Fl G** 4s			Green.	S.L.S.D.C.
1320	- LIGHT 186 About 320 feet outside channel limit.		**Fl R** 4s	28 **9**		TR on pile.	S.L.S.D.C.
	GRENADIER ISLAND TO BARTLETT POINT (Chart 14766)						
	St. Lawrence Seaway						
1325	- LIGHT 187		**Fl G** 4s	28 **9**		SG on pile.	S.L.S.D.C.

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			ST. LAWRENCE RIVER				
1330	Hammond Shoal Buoy Marks south side of shoal.					Green and red bands; can.	S.L.S.D.C.
1335	- LIGHT 189 About 290 feet outside channel limit.		**Fl G** 4s	30 **9**		SG on conical tower.	S.L.S.D.C.
1340	- LIGHT 191 Marks southwest side of Sunken Rock Shoal, about 70 feet outside channel limits.		**Fl G** 2.5s	28 **9**		SG on tower on concrete base.	S.L.S.D.C.
1345	- LIGHT 192 Marks Frontenac Shoal, about 25 feet outside channel limit.		**Fl R** 4s	28 **9**		TR on pile.	S.L.S.D.C.
1350	Broadway Shoal Buoy Marks north side of shoal.					Green and red bands; can.	S.L.S.D.C.
1353	ALEXANDRIA BAY HARBOR LIGHT	44 20 06 N 75 55 18 W	**Fl Y** 2s	3 **1**		On floating dock.	Maintained from Apr. 1 to Dec. 1. Private aid.
1355	Alexandria Bay Shoal Daybeacon					Cylindrical daymark with red and black bands on concrete drum.	Private aid.
1360	- LIGHT 194 Marks Pullman Shoal, about 100 feet outside channel limit.	44 20 06 N 75 55 48 W	**Fl R** 4s	34 **10**		TR on tower on concrete base.	S.L.S.D.C.
1365	- LIGHT 195 About 12 feet outside channel limit.		**Fl G** 4s	23 **7**		SG on pile.	Maintained from Apr. 1 to Dec. 15. S.L.S.D.C.
1370	- LIGHT 197		**Fl G** 4s	28 **9**		SG on pile.	S.L.S.D.C.
1375	- LIGHT 198		**Fl R** 4s	23 **7**		TR on tower on concrete base.	S.L.S.D.C.
1380	- LIGHT 199 Marks Comfort Island Shoal.		**Fl G** 2.5s	28 **9**		SG on tower on concrete base.	RACON: M (– –). S.L.S.D.C.
1385	KEEWAYDIN STATE PARK BREAKWATER LIGHT	44 19 24 N 75 56 12 W	**Fl G** 4s	10 **3**		Green daymark on steel post.	Maintained from Apr. 15 to Dec. 15. Private aid.
1390	- LIGHT 200 About 90 feet outside channel limit.		**Q R**	28 **9**		TR on pile.	S.L.S.D.C.
1395	*- Lighted Buoy 202*	44 19 24 N 75 56 36 W	**Iso R** 3s			Red.	S.L.S.D.C.
1400	POINT VIVIAN LEADING LIGHT		**F W** **(R & G sectors)**	28 **9**		On post.	Red from 216.5° to 217.5°, white from 217.5° to 218.5°, green from 218.5° to 219.5°. S.L.S.D.C.
1405	- LIGHT 203 About 40 feet outside channel limit.		**Fl G** 4s	28 **9**		SG on pile.	S.L.S.D.C.
1410	- LIGHT 204 About 30 feet outside channel limit.		**Fl R** 4s	28 **9**		TR on pile.	S.L.S.D.C.

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1415	*- Lighted Buoy 205*		**Fl G** 4s			Green.	S.L.S.D.C.
1420	- LIGHT 206 About 25 feet outside channel limit.	44 18 36 N 75 58 12 W	**Iso R** 2s	28 **9**		TR on pile.	S.L.S.D.C.
1425	- LIGHT 207 About 15 feet outside channel limit.		**Fl G** 4s	28 **9**		SG on pile.	S.L.S.D.C.
1430	- LIGHT 209 About 40 feet outside channel limit.	44 17 54 N 75 59 12 W	**Fl G** 2.5s	31 **9**		SG on tower on cell.	S.L.S.D.C.
1435	*- Lighted Buoy 208*		**Fl R** 4s			Red.	S.L.S.D.C.
1440	*- Lighted Buoy 209A*		**Fl G** 4s			Green.	S.L.S.D.C.
1445	- LIGHT 210 About 50 feet outside channel limit.	44 17 42 N 75 59 54 W	**Fl R** 4s	28 **9**		TR on pile.	S.L.S.D.C.
1450	*- Lighted Buoy 211*		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
1455	*- Lighted Buoy 212*		**Fl R** 4s			Red.	S.L.S.D.C.
1460	- LIGHT 213 40 feet outside channel limit.	44 16 54 N 76 00 54 W	**Fl G** 2.5s	31 **9**		SG on tower on cell.	S.L.S.D.C.
1465	FISHER LANDING LIGHT	44 16 42 N 76 00 36 W	**Fl G** 4s	11 **3**		SG on column on concrete base.	S.L.S.D.C.
1470	- LIGHT 214 Marks east side of Granite State Shoal, about 51 feet outside channel limit.		**Fl R** 2.5s	28 **9**		TR on tower.	RACON: M(**– –**). S.L.S.D.C.
1475	*- Lighted Buoy 215*		**Q G**			Green.	Spar; winter maker. S.L.S.D.C.
1480	*- Lighted Buoy 216*		**Fl R** 4s			Red.	Winter marker. S.L.S.D.C.
1485	- Buoy 216A					Red nun.	Maintained from Apr. 1 to Dec. 15. S.L.S.D.C.
1490	*- Lighted Buoy 217*		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
1495	*- Lighted Buoy 217A*	44 15 36 N 76 03 54 W	**Q G**			Green.	S.L.S.D.C.
1500	*- Lighted Buoy 218*		**Fl R** 4s			Red.	Winter marker. S.L.S.D.C.
1505	- LIGHT 219 About 68 feet outside channel limit.		**Fl G** 4s	28 **9**		SG on pile.	S.L.S.D.C.
1510	*- Lighted Buoy 221* Marks west side of shoal.		**Fl G** 4s			Green.	S.L.S.D.C.
1515	- LIGHT 222 Marks southeast side of Chapman Shoal, about 50 feet outside channel limit.		**Fl R** 2.5s	28 **9**		TR on tower.	S.L.S.D.C. RACON: C(**– • – •**).

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. LAWRENCE RIVER				
	Clayton Marina						
	Buoys maintained from May 1 to Nov. 1.						
1517	- Buoy 2					Red nun.	Private aid.
1518	- Buoy 4					Red nun.	Private aid.
1519	- Buoy 6					Red nun.	Private aid.
1519.5	- Buoy 8					Red nun.	Private aid.
	St. Lawrence Seaway						
1520	*Clayton Shoal Lighted Buoy 1*		**Fl G** 4s			Green.	S.L.S.D.C.
1525	*- Lighted Buoy 224*		**Fl R** 4s			Red.	S.L.S.D.C.
1527	CLAYTON FLOATING DOCK LIGHT	44 14 36 N 76 05 18 W	**Fl W** 4s	7 **2**		Marks NE corner of dock.	Maintained from Apr. 1 to Dec. 31. Private aid.
1530	MARY STREET DOCK LIGHT	14 14 12 N 76 05 30 W	**F G**	12 **4**		On steel post.	Private aid.
1545	*- Lighted Buoy 225* Marks shoal.		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
1550	- LIGHT 226 Marks Calumet Shoal, about 188 feet outside channel limit.		**Fl R** 2.5s	23 **7**		TR on pile.	Maintained from Apr. 1 to Dec. 15. S.L.S.D.C.
1555	*- Lighted Buoy 226A*		**Fl R** 4s			Red.	Winter marker. S.L.S.D.C.
	BARTLETT POINT TO CAPE VINCENT (Chart 14767)						
	St. Lawrence Seaway						
1560	- LIGHT 227 About 322 feet outside channel limit.	44 14 24 N 76 06 30 W	**F G**	23 **7**		SG on tower on concrete base.	S.L.S.D.C.
1565	- Buoy 228 Marks shoal.					Red nun.	S.L.S.D.C.
1570	- LIGHT 229	44 13 12 N 76 09 36 W	**Fl G** 2.5s	28 **9**		SG on pile.	S.L.S.D.C.
	Wolfe Island Cut						
1575	*- Lighted Buoy PV2* (C)	44 14 00 N 76 10 30 W	**Q R**			Red.	Seasonal.
1580	*- Lighted Buoy PV1* (C)		**Fl G** 4s			Green.	Seasonal.
1595	*- North Lighted Buoy PV6* (C)		**Fl R** 4s			Red.	Seasonal.
	St. Lawrence Seaway						
1605	**Wolfe Island Light** (C)	44 14 18 N 76 11 00 W	**F W**	37 **11**	12	White pyramid tower. 21	Seasonal.

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. LAWRENCE RIVER				
1610	- LIGHT 231	44 12 18 N 76 12 24 W	**Fl G** 4s	33 **10**		SG on tower on concrete base.	S.L.S.D.C.
1615	*- Lighted Buoy 233* Marks north side of shoal.		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
1625	*- Lighted Buoy 234*		**Fl R** 4s			Red.	S.L.S.D.C.
1630	*- Lighted Buoy 235*		**Q G**			Green.	Spar; winter marker. S.L.S.D.C.
1635	BAYFIELD ISLAND LIGHT (C)	44 11 42 N 76 19 42 W	**RWG** **(Directional)**	38 **12**		White square skeleton tower with orange triangular daymark. 33	F R 260.5° to 262°, Al WR 262° to 262.25°, W phase increasing with bearing, F W 262.25° to 263.75°, Al WG 263.75° to 264°, G phase increasing with bearing, F G 264° to 265.5°. Seasonal.
1640	*- Lighted Buoy 237*		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
1645	*- Lighted Buoy 236*		**Fl R** 4s			Red.	S.L.S.D.C.
1650	*- Lighted Buoy 238*		**Fl R** 4s			Red.	Spar; winter marker. S.L.S.D.C.
1655	IRVINE POINT RANGE FRONT LIGHT (C)	44 12 18 N 76 18 36 W	**F R**	35 **11**		Orange rectangular daymark with black vertical stripe on white skeleton tower. 25	Visible on range line only. Seasonal.
1660	IRVINE POINT RANGE REAR LIGHT 2,560 feet, 013.3° from front light. (C)		**F R**	70 **21**		Orange rectangular daymark with black vertical stripe on white skeleton tower. 51	Visible on range line only. Seasonal.
1665	*- Lighted Buoy 239*		**Fl G** 4s			Green.	Spar; winter marker. S.L.S.D.C.
1670	CARLETON ISLAND LEADING LIGHT	44 10 12 N 76 18 42 W	**F G**	29 **9**		Orange triangular daymark with black stripes on square tower.	Visible on bearing 033° only. S.L.S.D.C.
1675	*- Lighted Buoy 240*		**Q R**			Red.	Spar; winter marker. S.L.S.D.C.
1680	*- Lighted Buoy 241*		**Fl G** 4s			Green.	S.L.S.D.C.
1685	Carleton Island South Channel Buoy 1					Green can.	S.L.S.D.C.
1690	Carleton Island South Channel Buoy 3					Green can.	S.L.S.D.C.
1695	Carleton Island South Channel Buoy 5					Green can.	S.L.S.D.C.
1700	CAPE VINCENT BREAKWATER EAST END LIGHT		**Q W**	20 **6**		SG on post.	S.L.S.D.C.
1705	CAPE VINCENT BREAKWATER WEST END LIGHT		**F R**	20 **6**		TR on post.	Higher intensity on bearing 068° and 193°. S.L.S.D.C.

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. LAWRENCE RIVER				
	CAPE VINCENT TO ALLAN OTTY SHOAL (Chart 14768)						
	St. Lawrence Seaway						
1710	*- Lighted Buoy 242*		**Fl R** 4s			Red.	S.L.S.D.C.
1720	*- Lighted Buoy 243*	44 07 48 N 76 20 42 W	**Fl G** 4s			Green.	S.L.S.D.C.
1725	*- Lighted Buoy 244* Marks shoal.		**Fl R** 4s			Red.	S.L.S.D.C.
1735	**Tibbetts Point Light**	44 06 00 N 76 22 12 W	**Oc W** 10s	69 **21**	16	White conical tower. 59	Standby light of reduced intensity shows Oc R 4s.
1745	*Tibbetts Point Traffic Lighted Buoy*	44 06 00 N 76 24 24 W	**Mo (A) W**			Red and white stripes.	S.L.S.D.C.
1750	*- Lighted Buoy 245*		**Fl G** 4s			Green.	S.L.S.D.C.

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Section 2

Lake Ontario

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ONTARIO				
	CLAYTON TO FALSE DUCK ISLAND (Chart 14802)						
1755	*Allan Otty Shoal Lighted Buoy 2* Marks southeast side of shoal.	44 03 48 N 76 27 00 W	**Fl R** 4s			Red.	S.L.S.D.C.
1760	EAST CHARITY SHOAL LIGHT Marks east side of Charity Shoals Group.	44 02 12 N 76 28 54 W	**Fl W** 4s	52 **16**	9	Tower.	
1765	*East Charity Shoal Traffic Lighted Buoy*	44 01 18 N 76 27 42 W	**Mo (A) W**			Red and white stripes.	S.L.S.D.C.
1770	*Stony Island Lighted Buoy 2*		**Fl R** 4s		4	Red.	Maintained from May 7 to Nov. 14.
1775	*Point Peninsula Lighted Buoy 3*		**Fl G** 6s		4	Green.	Maintained from May 7 to Nov. 14.
	CHAUMONT, HENDERSON AND BLACK RIVER BAYS (Chart 14811)						
	Chaumont Bay						
1780	CHERRY ISLAND LIGHT	44 00 54 N 76 11 12 W	**Fl W** 4s	43 **13**	8	NR on white skeleton tower with enclosed base. 38	
1785	*Johnson Shoal Lighted Buoy 1*		**Fl G** 4s		3	Green.	Maintained from May 14 to Nov. 1.
1790	*- Lighted Junction Buoy*		**Fl (2+1) G** 6s		4	Green and red bands.	Maintained from May 14 to Nov. 1.
1795	Chaumont Harbor Daybeacon 2 Marks rock.					TR on pile on concrete base.	
1800	CHAUMONT HARBOR LIGHT		**F G**	30 **9**	6	SG on skeleton tower with enclosed base. 27	
1805	CRESCENT MARINE PIER LIGHT		**F R**	9 **3**		Post.	Maintained from May 1 to Dec. 1. Private aid.
	Chaumont Shoal						
	Buoys maintained from Apr. 30 to Oct. 30. Due to shifting sandbar, buoys may be relocated without prior notice.						
1810	- Buoy A	43 03 54 N 76 09 06 W				White can with orange bands and diamond worded DANGER.	Private aid.
1815	- Buoy B					White can with orange bands and diamond worded DANGER.	Private aid.
1820	- Buoy C					White can with orange bands and diamond worded DANGER.	Private aid.
1825	*- Lighted Buoy D*	43 03 54 N 76 08 48 W	**Fl W** 2s			White with orange bands and diamond worded DANGER.	Private aid.
1830	- Buoy E					White can with orange bands and diamond worded DANGER.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ONTARIO				
1835	- Buoy F					White can with orange bands and diamond worded DANGER.	Private aid.
1840	- Buoy G					White can with orange bands and diamond worded DANGER.	Private aid.
1845	- Buoy H					White can with orange bands and diamond worded DANGER.	Private aid.
	Black River Bay						
1850	SACKETS HARBOR LIGHT	43 56 36 N 76 08 42 W	**Fl R** 2.5s	57 **17**	5	TR on gray skeleton tower.	
	Navy Point						
1855	- LIGHT		**Fl R** 4s	27 **8**	4	TR on post.	
	Aids maintained from Jun. 1 to Nov. 1.						
1860	- MARINE DOCK LIGHT 4	43 57 00 N 76 07 18 W	**F R**	15 **5**		TR on post.	Private aid.
1865	*- Marina Anchorage Lighted Buoy A*		**Q Y**			Yellow.	Private aid.
1870	*- Marina Anchorage Lighted Buoy B*		**Q Y**			Yellow.	Private aid.
1875	*- Marina Anchorage Lighted Buoy C*		**Q Y**			Yellow.	Private aid.
1880	*- Marina Anchorage Lighted Buoy D*		**Q Y**			Yellow.	Private aid.
	Black River Bay						
	Aids maintained from Apr. 30 to Sep. 30 unless otherwise noted.						
1882	MADISON BARRACKS MARINA ENTRANCE LIGHT	43 57 18 N 76 06 24 W	**F R**	17 **5**		TR on post.	Maintained from May 1 to Oct. 1. Private aid.
1885	*Black River Entrance Lighted Buoy 1*	43 59 12 N 76 04 42 W	**Fl G** 4s			Green.	Private aid.
1890	*Black River Entrance Lighted Buoy 2*	43 59 06 N 76 04 36 W	**Fl R** 4s			Red.	Private aid.
1895	- Buoy 3					Green can.	Private aid.
1900	- Buoy 4					Red spar.	Private aid.
1905	- Buoy 5					Green can.	Private aid.
1910	- Buoy 6					Red spar.	Private aid.
1915	- Buoy 7					Green can.	Private aid.
1920	- Buoy 8					Red spar.	Private aid.
1925	- Buoy 9					Green can.	Private aid.
1930	- Buoy 10					Red spar.	Private aid.
1935	- Buoy 11					Green can.	Private aid.
	Henderson Bay						
1940	*Lime Barrel Shoal Lighted Buoy 1*		**Fl G** 4s		4	Green.	Maintained from May 7 to Nov. 14.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ONTARIO				
1943	- Buoy 1	43 54 30 N 76 08 36 W				Green.	Maintained from May 14 to Nov. 1.
1945	WESTCOTT BEACH STATE PARK LIGHT 1	43 54 06 N 76 07 42 W	**Fl G** 3s	19 **6**		SG on post.	Maintained from Apr. 1 to Dec. 1. Private aid.
1950	WESTCOTT BEACH STATE PARK LIGHT 2		**Fl R** 3s	19 **6**		TR on post.	Maintained from Apr. 1 to Dec. 1. Private aid.
	Henderson Harbor Special Anchorage						
	Maintained from May 1 to Oct. 30.						
1955	- LIGHT A	43 51 06 N 76 12 12 W	**Fl Y** 4s	5 **2**		On yellow post.	Private aid.
1960	*- Lighted Buoy B*		**Fl Y** 4s			Yellow.	Private aid.
1965	*- Lighted Buoy C*		**Fl Y** 4s			Yellow.	Private aid.
1970	*- Lighted Buoy D*		**Fl Y** 4s			Yellow.	Private aid.
1975	*- Lighted Buoy E*		**Fl Y** 4s			Yellow.	Private aid.
1980	*- Lighted Buoy F*		**Fl Y** 4s			Yellow.	Private aid.
1985	- LIGHT G	43 51 36 N 76 12 00 W	**Fl Y** 4s	5 **2**		On yellow post.	Private aid.
1990	*- Lighted Buoy H*		**Fl Y** 4s			Yellow.	Private aid.
	CLAYTON TO FALSE DUCK ISLAND (Chart 14802)						
	Henderson Bay						
1995	*Galloo Island Shoal Lighted Buoy 3* Marks southwest side of shoal.	43 53 42 N 76 28 36 W	**Fl G** 4s		4	Green.	Replaced by can from Nov. 14 to May 7.
2000	**Galloo Island Light**	43 53 18 N 76 26 42 W	**Fl W** 6s	58 **18**	11	Conical tower with covered way to dwelling. 55	
2005	Calf Island Spit Buoy 5					Green can.	
2010	STONY POINT LIGHT	43 50 18 N 76 17 54 W	**Iso R** 6s	40 **12**	6	TR on skeleton tower. 30	
2015	PORT ONTARIO LIGHT	43 34 24 N 76 12 06 W	**Fl W** 2s	50 **15**		Cupola on three-story gray house.	Maintained from Mar. 1 to Dec. 1. Private aid.
	Stony Creek Bay						
	Buoys maintained from Apr. 30 to Sep. 30.						
2019	*- Lighted Channel Buoy 1*	43 48 30 N 76 14 54 W	**Fl G** 2s			Green.	Private aid.
2019.1	*- Lighted Channel Buoy 2*		**Fl R** 2s			Red.	Private aid.
2019.2	- Buoy 3					Green can.	Private aid.
2019.3	- Buoy 4					Red nun.	Private aid.
2020	Drowned Island Buoy 7					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ONTARIO				
	Sandy Pond Entrance						
	Buoys maintained from Apr. 30 to Sep. 30.						
2024	*- Lighted Buoy 1*	43 39 30 N 76 12 12 W	**Fl G** 4s			Green.	Private aid.
2024.1	*- Lighted Buoy 2*		**Fl R** 4s			Red.	Private aid.
2024.2	*- Lighted Buoy 3*		**Fl G** 4s			Green.	Private aid.
2024.3	*- Lighted Buoy 4*		**Fl R** 4s			Red.	Private aid.
2024.4	- Buoy 5					Green can.	Private aid.
2024.5	- Buoy 6					Red nun.	Private aid.
2024.6	- Buoy 7					Green can.	Private aid.
2024.7	- Buoy 8					Red nun.	Private aid.
2024.8	- Buoy 9					Green can.	Private aid.
2024.9	- Buoy 10					Red nun.	Private aid.
	SOUTH OF STONY POINT TO PORT BAY (Chart 14803)						
	Port Ontario						
2025	- LIGHT 2	43 34 42 N 76 12 18 W	**Fl R** 2.5s	36 **11**	3	Red and white cylindrical tower on jetty.	
2030	- LIGHT 3		**Fl G** 2.5s	34 **10**	3	SG on pile on jetty.	
2035	- Buoy 4					Red nun.	Maintained from May 14 to Nov. 1.
2040	- Buoy 6					Red nun.	Maintained from May 14 to Nov. 1.
2045	MEXICO POINT LIGHT	43 31 24 N 76 15 18 W	**Fl W** 5s	17 **5**		On aluminum post.	Maintained from Apr. 15 to Nov. 15. Private aid.
2050	MEXICO POINT BOAT LAUNCH LIGHT 1	43 31 30 N 76 15 24 W	**Fl G** 4s	10 **3**		On post.	Maintained from Apr. 15 to Nov. 15. Private aid.
2055	MEXICO POINT BOAT LAUNCH LIGHT 2	43 31 36 N 76 15 30 W	**Fl R** 4s	10 **3**		On post.	Maintained from Apr. 15 to Nov. 15. Private aid.
	Constellation Nuclear Security Zone						
2060	-No Entry Bouy A	43 31 00 N 76 25 42 W				White can with orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr. 15. Private aid.
2060.1	-No Entry Buoy B	43 31 12 N 76 25 42 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr. 15. Private aid.
2060.2	-No Entry buoy C	43 31 20 N 76 25 27 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replace by spar from Nov. 1 to Apr 15. Private aid.
2060.3	-No Entry Buoy D	43 31 27 N 76 25 12 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr 15. Private aid.
2060.4	-No Entry Buoy E	43 31 35 N 76 24 57 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. to Apr. 15. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ONTARIO				
2060.5	-No Entry Buoy F	43 31 38 N 76 24 39 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr 15. Private aid.
2060.6	-No Entry Buoy G	43 31 40 N 76 24 21 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr 15. Private aid.
2060.7	-No Entry Buoy H	43 31 42 N 76 24 03 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr. 15. Private aid.
2060.8	-No Entry Buoy I	43 31 44 N 76 23 45 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr. 15. Private aid.
2060.9	-No Entry Buoy J	43 31 46 N 76 23 29 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr. 15. Private aid.
2061	-No Entry Buoy K	43 31 48 N 76 23 12 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replace by spar from Nov. 1 to Apr 15. Private aid.
2061.1	-No Entry Buoy L	43 31 36 N 76 23 12 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr 15. Private aid.
	OSWEGO HARBOR (Chart 14813)						
	Oswego Harbor						
2065	- DETACHED BREAKWATER WEST END LIGHT		**Fl G** 4s	30 **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		**Fl Y** 4s	30 **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		**Fl G** 6s	43 **13**	6	SG on gray post.	
2080	**- West Pierhead Light**	43 28 24 N 76 31 00 W	**Al WR** 10s 0.1s W. fl 4.9s ec. 0.1s W. fl 4.9s ec.	57 **17**	12	White square tower on corner of square building.	Standby light Oc R 4s of reduced intensity. HORN: 1 blast ev 30s (3s bl). Operates from Apr. 1 to Dec. 1.
2090	- Inner Buoy 1 On southeast point of shoal.					Green can.	
2095	*- Inner Lighted Buoy 2*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 14 to May 21.
2097	- Inner Buoy 4					Red nun.	
2100	*- Canal Channel Lighted Buoy 6*		**Fl R** 10s			Red.	Maintained from Apr. 1 to Dec. 7. Private aid.
2105	- WEST CHANNEL LIGHT 2	43 28 00 N 76 31 12 W	**Fl R** 4s	36 **11**	4	TR on pile.	
2110	- West Channel Buoy 3					Green can.	
2115	- West Channel Buoy 5					Green can.	
2120	- West Channel Buoy 7					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ONTARIO				
	SOUTH OF STONY POINT TO PORT BAY (Chart 14803)						
2130	*Ford Shoal Lighted Buoy 1*		**Fl G** 4s		4	Green.	Maintained from May 7 to to Nov. 14.
2135	FAIR HAVEN BREAKWATER LIGHT 2	43 21 00 N 76 42 30 W	**Fl R** 4s	28 **9**	7	TR on post. 24	
2140	FAIR HAVEN BREAKWATER LIGHT 1		**Fl G** 4s	30 **9**	6	SG on post.	
	PORT BAY TO LONG POND (Chart 14804)						
	Port Bay						
	Aids maintained from May 1 to Oct. 20.						
2145	*- Entrance Lighted Buoy 1*	43 18 18 N 76 50 12 W	**Iso G** 2s			Green.	Private aid.
2150	- ENTRANCE LIGHT 2		**Q R**	21 **6**		On red pile.	Private aid.
2155	*- Lighted Buoy 3*		**Iso G** 2s			Green.	Private aid.
2165	*- Lighted Buoy 5*		**Iso G** 2s			Green.	Private aid.
	SODUS BAY (Chart 14814)						
	Sodus Bay						
2170	**Sodus Outer Light**	43 16 36 N 76 58 30 W	**Iso W** 6s	51 **16**	10	Tower. 49	
2180	- EAST PIER LIGHT 1		**Fl G** 4s	18 **5**	6	SG on grey post.	
2182	*- Channel Lighted Buoy 4*		**Fl R** 4s		4	Red.	Maintained from May 14 to Nov. 1.
2185	*- Channel Lighted Buoy 5*		**Fl G** 2.5s		3	Green.	Maintained from May 14 to Nov. 1.
2190	- LIGHT 6	43 16 12 N 76 58 24 W	**Fl R** 4s	18 **5**	4	TR on white column. 10	
2200	*Newark Island Lighted Buoy 2*		**Fl R** 4s		3	Red.	Maintained from May 14 to Nov. 1.
2205	Special Anchorage Buoy A					Yellow can.	Maintained from May 14 to Nov. 1.
2207	Special Anchorage Buoy B					Yellow can.	Maintained from May 14 to Nov. 1.
2209	Special Anchorage Buoy C					Yellow can.	Maintained from May 14 to Nov. 1.
2211	Special Anchorage Buoy D					Yellow can.	Maintained from May 14 to Nov. 1.
2215	DAVENPORT MARINE DOCK LIGHT	43 13 30 N 76 55 36 W	**F G**	10 **3**		On pile.	Private aid.
	PORT BAY TO LONG POND (Chart 14804)						
	Pultneyville Entrance						
	Lighted buoys maintained from Apr. 30 to Sep. 30.						
2220	PULTNEYVILLE YACHT CLUB LIGHT	43 17 06 N 77 11 06 W	**Fl W** 4s	35 **11**		On pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ONTARIO				
2225	PULTNEYVILLE OUTER RANGE FRONT LIGHT	43 16 54 N 77 11 00 W	**F G**	18 **5**		White diamond daymark on pile.	Private aid.
2230	PULTNEYVILLE OUTER RANGE REAR LIGHT 60 feet, 189° from front light.		**F G**	30 **9**		White diamond daymark on pile. 30	Private aid.
2235	*- Lighted Buoy 1*	43 17 06 N 77 10 54 W	**Fl G** 3s			Green.	Private aid.
2240	*- Lighted Buoy 2*		**Fl R** 3s			Red.	Private aid.
2245	*- Lighted Buoy 3*		**Fl G** 3s			Green.	Private aid.
2250	*- Lighted Buoy 4*		**Fl R** 3s			Red.	Private aid.
2255	PULTNEYVILLE INNER RANGE FRONT LIGHT	43 17 00 N 77 11 06 W	**F R**	11 **3**		White diamond shaped daymark with red border on post.	Private aid.
2260	PULTNEYVILLE INNER RANGE REAR LIGHT 225 feet, 259° from front light.		**F R**	20 **6**		White diamond shaped daymark with red border on pile.	Private aid.
2265	*- Lighted Buoy 5*		**Fl G** 3s			Green.	Private aid.
2270	*- Lighted Buoy 6*		**Fl R** 3s			Red.	Private aid.
	R. E. Ginna Nuclear Security Zone						
	Buoys maintained from Apr. 15 to Nov. 15.						
2271	- No Entry Buoy A	43 16 57 N 77 18 54 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
2271.1	- No Entry Buoy B	43 17 08 N 77 18 54 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
2271.2	- No Entry Buoy C	43 17 18 N 77 18 54 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
2271.3	- No Entry Buoy D	43 17 18 N 77 18 42 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
2271.4	- No Entry Buoy E	43 17 18 N 77 18 30 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
2271.5	- No Entry Buoy F	43 17 18 N 77 18 18 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
2271.6	- No Entry Buoy G	43 17 08 N 77 18 18 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
2271.7	- No Entry Buoy H	43 16 57 N 77 18 18 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
2271.8	- No Entry Buoy I	43 16 47 N 77 18 18 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
	Pultneyville Entrance						
2275	WEBSTER PARK BREAKWATER LIGHT 1	43 15 48 N 77 27 00 W	**Fl G** 6s	20 **6**		On post on jetty.	Maintained from May 1 to Oct. 15. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ONTARIO				
	Irondequoit Bay						
2280	- LIGHT 2	43 14 18 N 77 32 00 W	**Fl R** 4s	16 **5**	5	White cylindrical tower with red band.	
2285	- LIGHT 3	43 14 12 N 77 32 00 W	**Fl G** 2.5s	16 **5**	3	SG on post.	
2290	- LIGHT 4		**Fl R** 4s	16 **5**	3	TR on pile.	
2295	- LIGHT A		**Fl (2+1) R** 6s	16 **5**	3	JR on pile.	
2300	- LIGHT 5		**Q G**	16 **5**	3	SG on pile.	
2305	- LIGHT 6		**Q R**	16 **5**	3	TR on pile.	
2310	- LIGHT 7		**Fl G** 4s	16 **5**	3	SG on pile.	
2315	- LIGHT 8		**Fl R** 4s	16 **5**	3	TR on pile.	
	ROCHESTER HARBOR (Chart 14815)						
	Rochester Harbor						
2320	**- Light**	43 15 48 N 77 36 00 W	**Fl W** 4s	40 **12**	14	White cylindrical tower with red band. 31	
2330	- EAST PIER LIGHT		**Fl G** 4s	20 **6**	6	On post.	
2335	Genesse River Turning Basin Buoy 2 Marks south side of shoal.					Red nun.	Maintained from May 07 to Nov. 07.
2340	BRADDOCK BAY CHANNEL LIGHT 1	43 18 24 N 77 42 54 W	**Fl G** 4s			SG on post.	Maintained from Apr. 1 to Sep. 15. Private aid.
2345	BRADDOCK BAY CHANNEL LIGHT 2	43 18 24 N 77 42 30 W	**Fl R** 4s			TR on post.	Maintained from Apr. 1 to Sep. 15. Private aid.
	LONG POND TO THIRTYMILE POINT (Chart 14805)						
	Braddock Bay						
2350	**Braddock Point Light**	43 20 30 N 77 45 30 W	**Iso W** 6s	55 **17**	15	Brown circular tower.	
2355	*Wautoma Shoal Lighted Buoy 1*	43 21 18 N 77 48 00 W	**Fl G** 4s		4	Green.	Maintained from May 7 to Nov. 14.
2356	BROCKPORT HARBOR LIGHT		**Q W**	8 **2**		On post.	Maintained from Jun. 1 to Oct. 1. Private aid.
	Eagle Creek Marina						
2360	- ENTRANCE LIGHT 1	43 22 00 N 78 01 36 W	**Iso G** 2s	10 **3**		SG on post.	Maintained from Apr. 15 to Nov. 1. Private aid.
2361	- ENTRANCE LIGHT 2		**Iso R** 2s	10 **3**		TR on post.	Maintained from Apr. 15 to to Nov. 1. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ONTARIO				
2362	- ENTRANCE LIGHT 3		**Iso G** 2s	10 **3**		SG on post.	Maintained from Apr. 15 to Nov. 1. Private aid.
2363	- ENTRANCE LIGHT 4		**Iso R** 2s	10 **3**		TR on post.	Maintained from Apr. 15 to Nov. 1. Private aid.
	Oak Orchard						
2365	- BREAKWATER LIGHT B		**Fl W** 6s	30 **9**	8	NR on post.	
2370	- BREAKWATER LIGHT A		**Q W**	25 **8**	4	NR on post.	
2375	- BREAKWATER LIGHT C		**Q W**	25 **8**	4	NR on post.	
2380	- JETTY LIGHT 3		**Fl G** 4s	25 **8**	4	SG on post.	
2390	- JETTY LIGHT 4		**Fl R** 4s	25 **8**	4	TR on post.	
	Golden State Park Entrance						
	Aids maintained from Apr. 15 to Nov. 15.						
2392	- Buoy 2					Red nun.	Private aid.
2393	- ENTRANCE LIGHT 3	43 22 18 N 78 28 42 W	**Q G**	30 **9**		SG on pole.	Private aid.
2394	- Buoy 4					Red nun.	Private aid.
2395	THIRTYMILE POINT LIGHT	43 22 30 N 78 29 11 W	**Fl W** 10s	60 **18**		Square tower on northeast corner of two-story house.	Maintained from Apr. 1 to Nov. 1. Private aid.
	THIRTYMILE POINT TO PORT DALHOUSIE (Chart 14806)						
	Wilson Harbor						
2400	- OLCOTT LIGHT	43 20 24 N 78 43 12 W	**Fl R** 2.5s	29 **9**	6	TR on post.	
2405	- PIERHEAD LIGHT 2	43 19 12 N 78 50 12 W	**Fl R** 4s	27 **8**	7	TR on post.	
2410	- Buoy 4					Red nun.	Maintained from May 1 to Nov. 1.
2415	- Buoy 3					Green can.	Maintained from May 1 to Nov. 1.
2420	- Daybeacon 6					TR on pile.	
2425	- Daybeacon 7					SG on pile.	
2430	- Daybeacon 8					TR on pile.	
2435	- Daybeacon 9					SG on pile.	
2440	- Daybeacon 10					TR on pile.	
2445	- Daybeacon 12					TR on pile.	
2450	- Daybeacon 13					SG on pile.	
2455	- Daybeacon 15					SG on pile.	
2460	- Daybeacon 16					TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ONTARIO				
2465	- Daybeacon 17					SG on pile.	
2470	- Daybeacon 18					TR on pile.	
2475	- Daybeacon 20					TR on pile.	
2480	- Daybeacon 21					SG on pile.	
	LOWER NIAGARA RIVER (Chart 14816)						
2485	**Fort Niagara Light**	43 15 42 N 79 03 48 W	**Oc W** 4s	80 **24**	15	NG on tower.	
2490	*Niagara Bar Lighted Buoy 2*	43 19 00 N 79 04 18 W	**Fl R** 4s		4	Red.	Replaced by nun from Nov. 14 to May 7.
2495	*Fort Niagara Lighted Bell Buoy 3* Marks northwest side of shoal.		**Fl G** 4s		4	Green.	Replaced by can from Nov. 14 to May 7.
	Niagara River (Below the Falls)						
2505	NIAGARA RIVER RANGE FRONT LIGHT (C)	43 15 18 N 79 03 42 W	**F R**	34 **10**		White tower with red top. 34	Visible on range line only. Seasonal.
2510	NIAGARA RIVER RANGE REAR LIGHT 693 feet, 149.3° from front light. (C)		**F R**	47 **14**		White tower with red top. 45	Visible on range line only. Seasonal.
2515	*Youngstown Safe Boating Zone Lighted Float A*	43 15 17 N 79 03 19 W	**Q Y**			4x8 foot yellow float displaying two 34x12 inch sign boards.	Maintained from May 1 to Nov. 1. Private aid.
2516	*Youngstown Safe Boating Zone Lighted Float B*	43 14 41 N 79 03 17 W	**Q Y**			4x8 foot yellow float displaying two 34x12 inch sign boards.	Maintained from May 1 to Nov. 1. Private aid.
2517	*Youngstown Safe Boating Zone Lighted Float C*	43 14 16 N 79 03 19 W	**Q Y**			4x8 foot yellow float displaying two 34x12 inch sign boards.	Maintained from May 1 to Nov. 1. Private aid.
2525	LEWISTON SKI JUMP LIGHT	43 10 24 N 79 03 00 W	**Q W**	8 **2**		On water ski jump.	Maintained from Jun. 1 to Oct. 31. Private aid.
	APPROACHES TO NIAGARA RIVER AND WELLAND CANAL (Chart 14822)						
	Port Weller						
2535	- OUTER LIGHT (C)	43 14 42 N 79 13 06 W	**Fl R** 10s 0.3s fl. 9.7s ec.	51 **16**	15	Red skeleton tower. 20	Maintained from Apr. to Dec. Seasonal.
2545	- EAST BREAKWATER EAST LIGHT (C)		**Fl G** 4s	34 **10**	9	Orange daymark on white pile. 24	Eastern limits; measured distance. Seasonal.
2550	ST. CATHERINE'S OUTER LIGHT (C)	43 14 42 N 79 12 30 W	**Iso R** 2s	26 **8**	5	White cylindrical tower with red top. 12	Seasonal.
2555	- ENTRANCE RANGE FRONT LIGHT (C)	43 13 24 N 79 13 00 W	**Iso Y** 5s	54 **16**		On orange and white post.	
2560	- ENTRANCE RANGE REAR LIGHT 2,975 feet, 180° from front light. (C)		**F Y** **(R & G sectors)**	105 **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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ONTARIO				
	CLAYTON TO FALSE DUCK ISLANDS (Chart 14802)						
2565	**Nine Mile Point Light** (C)	44 09 06 N 76 33 24 W	**Fl W** 10s 0.3s fl. 9.7s ec.	53 **16**	20	White circular tower with red top. 41	Seasonal. Emergency light.
2570	PIGEON ISLAND LIGHT (C)	44 04 00 N 76 33 00 W	**Fl W** 4s	65 **20**	8	White square skeleton tower with red top. 50	Seasonal.
2575	*South Charity Shoal Lighted Buoy M6* Marks southwest side of shoal. (C)		**Fl R** 4s			Red.	
2580	*South Charity Shoal Lighted Buoy M7* (C)	43 59 00 N 76 32 30 W	**Fl G** 4s			Green.	
2585	**Main Duck Island Light** (C)	43 55 54 N 76 38 18 W	**Fl W** 6s	77 **23**	20	White octagonal tower with red upper portion.	Seasonal. Emergency light.
2595	*The Ducks Lighted Buoy MM2* (C)	43 54 36 N 76 35 42 W	**Fl R** 4s			Red.	
2600	*Main Duck Island Lighted Buoy M9* Marks west side of shoal. (C)	43 50 00 N 76 40 30 W	**Fl G** 4s			Green.	
2605	*Psyche Shoal Lighted Bell Buoy M10* Marks southeast side of shoal. (C)		**Fl R** 4s			Red.	
2610	*William Shoal Lighted Buoy K11* Marks southwest side of shoal. (C)	43 55 30 N 76 47 48 W	**Fl G** 4s			Green.	Seasonal.
2615	**False Ducks Light** (C)	43 56 54 N 76 47 54 W	**Fl R** 4s	72 **22**	20	Hexagonal tower with red and white bands. 62	Seasonal.
2620	*False Ducks Bank Lighted Buoy K12* Marks southeast side of bank. (C)	43 56 00 N 76 48 42 W	**Fl R** 4s			Red.	Seasonal.
2625	*Traverse Shoal Lighted Buoy K14* (C)	43 54 12 N 76 50 48 W	**Fl R** 4s			Red.	Seasonal.
2630	PRINCE EDWARD POINT LIGHT (C)	43 56 12 N 76 51 30 W	**Iso W** 2s	47 **14**	6	White skeleton tower. 43	Seasonal.
2635	**Point Petre Light** (C)	43 50 24 N 77 09 12 W	**Fl W** 10s 0.3s fl. 9.7s ec.	71 **22**	15	Red and white banded circular tower. 62	Seasonal.
2645	SCOTCH BONNET ISLAND LIGHT (C)	43 54 00 N 77 32 36 W	**Fl W** 4s	75 **23**	6	White skeleton tower. 63	
2650	PROCTOR POINT LIGHT (C)	43 58 18 N 77 44 48 W	**Fl R** 4s	40 **12**		White circular tower with red top. 25	Seasonal.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	LAKE ONTARIO (Chart 14800)						
2655	*NOAA Lighted Weather Buoy 45012*	43 37 15 N 77 24 03 W	**Fl (4) Y** 20s 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 11.5s ec.			Yellow, disk-shaped hull.	Replaced by nun Nov. 1 to Apr. 1.

Section 3

Lake Erie
Buffalo Harbor to Lorain Harbor

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
	BUFFALO HARBOR (Chart 14833)						
	Buffalo Harbor						
2665	*- Traffic Lighted Bell Buoy B*	42 50 09 N 78 55 26 W	**Mo (A) W**		8	Red and white stripes.	Maintained from Apr. 28 to Dec. 7.
2670	BUFFALO INTAKE CRIB LIGHT	42 52 48 N 78 54 42 W	**Fl (2) W** 5s 0.5s fl 1s ec. 0.5s fl 3s ec.	60 **18**		Large circular building on concrete crib.	Maintained from Apr. 15 to Nov. 1. Private aid.
2675	- WEST BREAKWATER LIGHT		**Fl W** 4s	35 **11**	5	NG on post.	
2680	**- Light**		**Al WG** 10s	71 **22**	W 22 G 18	White tower.	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates from Apr. 1 to Dec. 1.
2690	*- North Entrance Channel Lighted Bell Buoy 1*		**Fl G** 4s		7	Green.	Maintained from Apr. 28 to Dec. 7.
2695	*- North Entrance Channel Lighted Buoy 2*		**Fl R** 4s		7	Red.	Maintained from Apr. 28 to Dec. 7.
2700	*- North Entrance Channel Lighted Buoy 4*		**Fl R** 4s		7	Red.	Maintained from Apr. 28 to Dec. 7.
2705	- NORTH ENTRANCE LIGHT 5		**Fl G** 2.5s	34 **10**	5	SG on post.	
2710	- NORTH ENTRANCE LIGHT 6		**Fl R** 2.5s	34 **10**	5	TR on post.	
2715	- OLD BREAKWATER NORTH END LIGHT	42 52 42 N 78 53 54 W	**Fl W** 2.5s	35 **11**	5	NR on post.	
2720	- NORTH ENTRANCE LIGHT 7	42 52 48 N 78 53 48 W	**Fl G** 2.5s	20 **6**	6	SG on post.	
	Buffalo River						
2725	BUFFALO COAST GUARD SLIP LIGHT	42 52 36 N 78 53 30 W	**Iso R** 6s	20 **6**	4	TR on post.	
2730	- LIGHT 2		**Oc R** 4s	25 **8**	5	TR on post.	
2735	*- Junction Lighted Buoy BR*	42 52 00 N 78 54 00 W	**Fl (2+1) R** 6s		3	Red and green bands.	Replaced by nun from Dec. 21 to Apr. 1.
2740	- LIGHT 5		**Fl G** 3s	32 **10**		On white pile.	Maintained from Apr. 1 to Dec. 15. Private aid.
2745	- Buoy 4					Red nun.	
2750	- Buoy 6					Red nun.	
2755	- Buoy 3 Marks shoal.					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
	Black Rock Canal						
2785	*- Lighted Buoy 1*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 1.
2790	STATE BREAKWATER LIGHT 2		**Fl R** 4s	28 **9**		TR on white skeleton tower with small white house with enclosed base.	Maintained from Apr. 1 to Dec. 15. Private aid.
2795	*- Lighted Buoy 3*		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 21 to Apr. 14.
2800	- LIGHT 4		**Fl R** 2.5s	27 **8**	6	TR on post.	
2805	*- Lighted Buoy 5*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 14.
2810	- Buoy 6					Red nun.	
2815	- Buoy 7					Green can.	
2820	*- Lighted Buoy 8*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Apr. 14.
2825	*- Lighted Buoy 9*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 14.
2830	*- Lighted Buoy 10*		**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 21 to Apr. 14.
2835	*- Lighted Buoy 11*		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 21 to Apr. 14.
2840	*- Lighted Buoy 12*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Apr. 14.
2845	*- Lighted Buoy 13*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 14.
2850	*- Lighted Buoy 14*		**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 21 to Apr. 14.
2855	- LIGHT 15		**Fl G** 4s	24 **7**	4	SG on post.	
2860	*- Lighted Buoy 16*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Apr. 14.
	Lighted buoys maintained from Apr. 14 to Dec. 21.						
2865	*- Lighted Buoy 17*		**Fl G** 4s		4	Green.	
2875	*- Lighted Buoy 19*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 14.
2880	*- Lighted Buoy 21*		**Fl G** 2.5s		4	Green.	
2885	*- Lighted Buoy 23*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 14.
2890	*- Lighted Buoy 24*		**Fl R** 4s		4	Red.	
2895	*- Lighted Buoy 25*		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 21 to Apr. 14.
2900	*- Lighted Buoy 26*		**Fl R** 2.5s		4	Red.	
	Buffalo Harbor South Entrance						
2905	**- Light**	42 50 12 N 78 52 30 W	**Fl W** 6s	36 **11**	10	NR on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
2910	- LIGHT 1		**Fl G** 2.5s	20 **6**	6	SG on post.	
2915	- LIGHT 2		**Fl R** 2.5s	40 **12**	5	TR on post.	
2925	LACKAWANNA EAST PIERHEAD LIGHT	42 49 54 N 78 51 42 W	**F R**	20 **6**		On black post.	Maintained from Apr. 1 to Dec. 31. Private aid.
2930	LACKAWANNA WEST PIERHEAD LIGHT	42 49 48 N 78 51 42 W	**F R**	20 **6**		On red post.	Maintained from Apr. 1 to Dec. 31. Private aid.
2935	UNION CANAL LIGHT	42 50 54 N 78 51 36 W	**F R**	20 **6**		On black post.	Maintained from Apr. 1 to Dec. 31. Private aid.
	Buffalo Outer Harbor						
2960	- Deep Draft Channel Buoy 3					Green can.	
2965	- Deep Draft Channel Buoy 5					Green can.	
2975	*Middle Reefs Lighted Buoy EU4* (C)		**Fl R** 4s			Red.	Seasonal. No winter mark.
2975.1	- EU 6 (C)					Red nun.	Maintained from May 1 to Oct. 7.
2975.2	- Limekiln Reef Buoy E7 (C)					Green can.	Maintained from May 1 to Oct. 7.
2975.3	- Bird Island Reef EU 8 (C)					Red nun.	Maintained from May 1 to Oct. 7.
	UPPER NIAGARA RIVER (Chart 14832)						
	Strawberry Island Cut						
2985	*- Lighted Buoy 1*	42 56 36 N 78 54 42 W	**Fl G** 4s		4	Green.	Maintained from May 7 to Dec. 7.
2990	HARBOUR PLACE MARINA NORTH LIGHT	42 56 36 N 78 54 36 W	**F G**	15 **5**		On post.	Maintained from Apr. 1 to Dec. 31. Private aid.
2995	HARBOUR PLACE MARINA SOUTH LIGHT		**F R**	15 **5**		On post.	Maintained from Apr. 1 to Dec. 31. Private aid.
3000	- UPPER RANGE FRONT LIGHT	42 57 12 N 78 54 36 W	**F R**	30 **9**		KRW on gray post.	Lighted continuously from Mar. 25 to Jan. 15.
3005	- UPPER RANGE REAR LIGHT 795 feet, 000.5° from front light.		**F R**	50 **15**		KRW on gray post.	Lighted continuously from Mar. 25 to Jan. 15.
3010	- Buoy 5					Green can.	
3015	- LOWER RANGE FRONT LIGHT	42 57 00 N 78 54 36 W	**F R**	30 **9**		KRW on gray post.	Visible on range line only. Lighted continuously from Mar. 25 to Jan. 15.
3020	- LOWER RANGE REAR LIGHT 750 feet, 139.5° from front light.		**F R**	83 **25**		KRW on skeleton tower.	Visible on range line only. Lighted continuously from Mar. 25 to Jan. 15.
3025	*- Lighted Buoy 7* Marks Strawberry Island Reef.		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to May 7.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
3030	- Buoy 8					Red nun.	
3035	- Buoy 9					Green can.	Maintained from May 7 to Dec. 21.
3040	- Buoy 10					Red nun.	Maintained from May 7 to Dec. 21.
3045	*- Lighted Buoy 11*		**Fl G** 2.5s		6	Green.	Replaced by can from Dec. 21 to May 7.
3050	- Buoy 12					Red nun.	Maintained from May 7 to Dec. 7.
	Beaver Island State Park						
	Lights maintained from May 15 to Nov. 1.						
3055	- EAST BULKHEAD LIGHT		**Q Y**	12 **4**		NY on pile.	Private aid.
3060	- EAST ENTRANCE LIGHT 2	42 57 30 N 78 57 18 W	**Fl R** 2s	12 **4**		TR on pile.	Private aid.
3065	- WEST ENTRANCE LIGHT 1		**Fl G** 2s	12 **4**		SG on pile.	Private aid.
3070	- WEST BULKHEAD LIGHT		**Q Y**	12 **4**		NY on pile.	Private aid.
	Strawberry Island Cut						
3075	GRAND ISLAND RANGE FRONT LIGHT	42 58 42 N 78 56 48 W	**F R**	29 **9**		KRW on gray post.	Lighted continuously from Mar. 25 to Feb. 15.
3080	GRAND ISLAND RANGE REAR LIGHT 515 yards, 313.5° from front light.		**F R**	47 **14**		KRW on skeleton tower.	Lighted continuously from Mar. 25 to Feb. 15.
3085	- Buoy 13					Green can.	
3090	- Buoy 14					Red nun.	Maintained from May 7 to Dec. 21.
3091	*- Lighted Buoy 15*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to May 7.
3095	- Buoy 16					Red nun.	Maintained from May 7 to Dec. 7.
3105	*Erie County Water Authority Lighted Intake Buoy ECWA*	42 57 54 N 78 55 54 W	**Fl Y** 2.5s			Yellow.	Maintained from Apr. 1 to Jan. 1. Private aid.
3110	- Buoy 18					Red nun.	Maintained from May 7 to Dec. 21.
3135	*- Lighted Buoy 20*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to May 7.
	Tonawanda Channel						
3140	- Buoy 21 Marks east side of shoal.					Green can.	Maintained from May 1 to Dec. 7.
3145	- Buoy 22 Marks shoal.					Red nun.	
3150	*- Lighted Buoy 26*		**Q R**		4	Red.	Nun; winter marker. Maintained from May 7 to Dec. 7.
3155	*- Lighted Buoy 28*		**Fl R** 4s		4	Red.	Maintained from May 1 to Dec. 7.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
3155.1	COLLINS MARINE ENTRANCE LIGHT 1	42 59 48 N 78 56 06 W	**F G**	15 **5**		SG on post.	Maintained from Apr. 1 to Nov. 1. Private aid.
3155.2	COLLINS MARINE ENTRANCE LIGHT 2	42 59 48 N 78 56 12 W	**F R**	9 **3**		TR on post.	Maintained from Apr. 1 to Nov. 1. Private aid.
3156	*- Lighted Buoy 29*		**Fl G** 4s		4	Green.	Maintained from May 7 to Dec. 7.
3157	UNITED REFINERY OBSTRUCTION LIGHT A		**Fl W** 2s	12 **4**			Private aid.
3158	UNITED REFINERY OBSTRUCTION MIDDLE LIGHT	43 00 02 N 78 55 45 W	**F R**	18 **5**			Private aid.
3159	UNITED REFINERY OBSTRUCTION LIGHT B		**Fl W** 2s	12 **4**			Private aid.
3160	- Buoy 31					Green can.	Maintained from May 1 to Dec. 7.
3165	TONAWANDA INTAKE CRIB LIGHT	43 01 00 N 78 53 36 W	**Fl W** 4s	15 **5**		White triangular daymark with red top on stone base.	Maintained from Apr. 15 to Nov. 1. Private aid.
3170	Tonawanda Island Buoy 1	43 01 21 N 78 53 11 W				Green can.	Maintained from May 7 to Dec. 7.
	Unlighted buoys maintained from May 7 to Dec. 7.						
3180	- Buoy 33					Green can.	
3183	- Buoy 34					Red nun.	
3185	NORTH TONAWANDA INTAKE CRIB LIGHT	43 01 30 N 78 53 30 W	**Fl G** 4s	19 **6**		Cylindrical structure on crib.	Maintained from Apr. 15 to Nov. 1. Private aid.
3190	- Buoy 35					Green can.	
3195	- Buoy 36					Red nun.	
3200	LOCKPORT INTAKE CRIB LIGHT		**Fl W** 4s	15 **5**		NW worded DANGER on cylindrical structure.	Maintained from May 15 to Nov. 1. Private aid.
3215	- Buoy 37					Green can.	
	Niagara River						
3235	*- Lighted Buoy 39*	43 02 54 N 78 53 42 W	**Fl G** 4s		4	Green.	Maintained from May 7 to Dec. 7.
3240	*- Lighted Buoy 41*	43 02 54 N 78 54 06 W	**Fl G** 4s		5	Green.	Maintained from May 7 to Dec. 7.
3243	*Niagara River Lighted Buoy 42*		**Fl R** 4s		4	Red.	Maintained from May 7 to Dec. 7.
3245	*- Lighted Buoy 43*	43 03 24 N 78 55 18 W	**Fl G** 4s		4	Green.	Maintained from May 7 to Dec. 7.
3250	*- Lighted Buoy 45*		**Fl G** 4s		4	Green.	Maintained from May 7 to Dec. 7.
3255	*- Lighted Buoy 47*		**Fl G** 4s		4	Green.	Maintained from May 7 to Dec. 7.
3265	LITTLE RIVER RANGE FRONT LIGHT	43 04 30 N 78 57 12 W	**F R**	29 **9**		On pile.	Maintained from May 1 to Nov. 1. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
3270	LITTLE RIVER RANGE REAR LIGHT 200 feet, 344° from front light.		**F R**	33 **10**		On pile.	Maintained from May 1 to Nov. 1. Private aid.
3275	LA SALLE YACHT CLUB PIER EAST LIGHT	43 04 24 N 78 59 18 W	**F R**	6 **2**			Maintained from Apr. 15 to Nov. 15. Private aid.
3280	LA SALLE YACHT CLUB PIER WEST LIGHT		**F R**	6 **2**			Maintained from Apr. 15 to Nov. 15. Private aid.
3285	NIAGARA MOHAWK POWER CORPORATION LIGHT	43 04 12 N 79 00 00 W	**Fl W** 3s	14 **4**		Tower	Maintained from Apr. 15 to Nov. 15. Private aid.
3290	OCCIDENTAL INTAKE CRIB LIGHT	43 04 12 N 79 00 12 W	**Fl W** 4s	15 **5**		Concrete crib.	Maintained from Apr. 1 to Nov. 30. Private aid.
3292	NIAGARA FALLS INTAKE CRIB LIGHT	43 04 12 N 79 00 00 W	**Fl W** 2.5s	14 **4**		NW on concrete crib.	Maintained from Apr. 1 to Nov. 30. Private aid.
3295	NIAGARA FALLS TRANSMISSION LINE LIGHT B		**Fl W** 3s	20 **6**		Gray cylindrical standard on concrete base.	Maintained from Apr. 15 to Nov. 15. Private aid.
3300	NIAGARA FALLS TRANSMISSION LINE LIGHT C		**Fl W** 3s	20 **6**		Cylindrical standard.	Maintained from Apr. 15 to Nov. 15. Private aid.
	Buckhorn Island						
3305	- DIKE LIGHT 1		**Fl W** 4s	20 **6**			Maintained from Apr. 1 to Dec. 1. Private aid.
3310	- DIKE LIGHT 2		**Fl W** 4s	20 **6**			Maintained from Apr. 1 to Dec. 1. Private aid.
3315	- DIKE LIGHT 3		**Fl W** 4s	20 **6**			Maintained from Apr. 1 to Dec. 1. Private aid.
3320	- INTAKE CRIB LIGHT	43 03 36 N 79 00 12 W	**Fl W** 4s	18 **5**		Black and gray rectangular concrete crib.	Maintained from Apr. 1 to Nov. 30. Private aid.
3325	HOOKER ELECTROCHEMICAL CRIB LIGHT		**Fl W** 7s	9 **3**		On post.	Maintained from Apr. 1 to Dec. 1. Private aid.
3330	HOOKER ELECTROCHEMICAL OUTFALL CRIB LIGHT	43 03 52 N 78 59 37 W	**Fl W** 7s	9 **3**		On post.	Maintained from Apr. 1 to Dec. 1. Private aid.
	Chippawa Channel						
3335	BIG SIX MILE CREEK LIGHT	43 01 36 N 79 00 42 W	**F R**	12 **4**		TR on post.	Maintained from May 1 to Nov. 1. Private aid.
3340	CHIPPAWA LIGHT (C)	43 03 48 N 79 02 54 W	**Iso R** 2s	16 **5**		On ornamental pile.	Defines danger zone above Niagara Falls. Private aid.
3343	NIAGARA SAFETY ZONE LIGHT	43 04 41 N 79 01 35 W	**Q Y**	25 **8**	4	Safety Zone sign on monopile.	Marks Niagara Safety Zone above Niagara Falls.
3345	Niagara Falls Safety Buoy A Marks safety zone above Niagara Falls.	43 04 06 N 79 01 07 W				White can with orange bands and danger symbol.	Maintained from May 1 to Oct. 28.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
3350	Niagara Falls Safety Buoy B Marks safety zone above Niagara Falls.					White can with orange bands and danger symbol.	Maintained from May 1 to Oct. 28.
3355	Niagara Falls Safety Buoy C Marks safety zone above Niagara Falls.					White can with orange bands and danger symbol.	Maintained from May 1 to Oct. 28.
3356	Niagara Falls Safety Buoy D Marks safety zone above Niagara Falls.					White can with orange bands and danger symbol.	Maintained from May 1 to Oct. 28.
3357	Niagara Falls Safety Buoy E Marks safety zone above Niagara Falls.					White can with orange bands and danger symbol.	Maintained from May 1 to Oct. 28.
3358	Niagara Falls Safety Buoy F Marks safety zone above Niagara Falls.					White can with orange bands and danger symbol.	Maintained from May 1 to Oct. 28.
3359.1	- Safety Buoy 1 Marks safety zone above Niagra Falls. (C)	42 03 46 N 79 02 32 W				White can with orange bands and danger symbols.	Maintained from May 1 to Oct. 7.
3359.2	- Safety Buoy 2 Marks safety zone above Niagra Falls. (C)					White can with orange bands and danger symbols.	Maintained from May 1 to Oct. 7.
3359.3	- Safety Buoy 3 Marks safety zone above Niagra Falls. (C)					White can with orange bands and danger symbols.	Maintained from May 1 to Oct. 7.
3359.4	- Safety Buoy 4 Marks safety zone above Niagra Falls. (C)					White can with orange bands and danger symbols.	Maintained from May 1 to Oct. 7.
3359.5	- Safety Buoy 5 Marks safety zone above Niagra Falls. (C)					White can with orange bands and danger symbols.	Maintained from May 1 to Oct. 7.
3359.6	- Safety Buoy 6 Marks safety zone above Niagra Falls. (C)					White can with orange bands and danger symbols.	Maintained from May 1 to Oct. 7.
3359.7	- Safety Buoy 7 Marks safety zone above Niagara Falls. (C)					White can with orange bands and danger symbols.	Maintained from May 1 to Oct. 7.
	APPROACHES TO NIAGARA RIVER (Chart 14822)						
3360	*Seneca Shoal Lighted Buoy 2* Marks northwest side of shoal.		**Fl R** 4s		4	Red.	Maintained from May 7 to Dec. 7.
	STURGEON POINT TO TWENTY MILE CREEK (Chart 14823)						
3365	STURGEON POINT LIGHT 2	42 41 36 N 79 02 42 W	**Fl R** 2.5s	32 **10**	4	TR on post.	
3370	STURGEON POINT LIGHT 3		**Fl G** 4s	28 **9**	4	SG on post.	
	Cattaraugus Creek						
3375	- NORTH BREAKWATER LIGHT 1	42 34 18 N 79 08 18 W	**Fl G** 2.5s	31 **9**	4	SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
3380	- SOUTH BREAKWATER LIGHT 2	42 34 18 N 79 08 24 W	**Fl R** 2.5s	31 **9**	4	TR on pile.	
	Dunkirk Harbor						
3410	**Dunkirk Light**	42 29 36 N 79 21 12 W	**Oc W** 4s	82 **25**	16	White square tower with dwelling attached.	
3415	*- Lighted Buoy 2*		**Fl R** 4s		4	Red.	Maintained from Apr. 21 to Dec. 1.
3420	- Buoy 3					Green can.	
3425	- Buoy 4					Red nun.	
3430	- LIGHT 5		**Fl G** 4s	20 **6**	5	SG on pile.	
3435	**- Pierhead Light 6**	42 29 35 N 79 20 43 W	**Fl R** 6s	36 **11**	10	White cylindrical tower with red band.	
3440	- Buoy 7					Green can.	
3445	- Buoy 8					Red nun.	
3450	- Buoy 9					Green can.	
3453	- Buoy 10					Red nun.	
3455	- EAST INNER BREAKWATER WEST END LIGHT 1	42 29 30 N 79 20 12 W	**Fl G** 2.5s	35 **11**	4	SG on post.	
3460	- WEST INNER BREAKWATER EAST END LIGHT 2	42 29 24 N 79 20 12 W	**Fl R** 2.5s	33 **10**	4	TR on post.	
3465	- WEST INNER BREAKWATER WEST END LIGHT 4	42 29 18 N 79 20 30 W	**Fl R** 4s	33 **10**	4	TR on post.	
3470	- West Dock Front Channel Buoy 1					Green can.	Maintained from May 14 to Nov. 1.
3475	- West Dock Front Channel Buoy 3					Green can.	Maintained from May 14 to Nov. 1.
	STURGEON POINT TO TWENTY MILE CREEK (Chart 14823)						
3480	BARCELONA HARBOR EAST BREAKWATER LIGHT	42 20 42 N 79 35 54 W	**Fl G** 4s	26 **8**	6	SG on post.	
3485	BARCELONA HARBOR WEST BREAKWATER LIGHT		**Fl R** 4s	26 **8**	6	TR on post.	
3490	WILLIS CRIB DOCK LIGHT	42 10 24 N 80 00 30 W	**Fl W** 4s	20 **6**	6	NB on gray post.	
3492	Willis Crib Isolated Danger Buoy DW	42 10 21 N 80 00 54 W				Black with red band.	
	ERIE HARBOR (Chart 14835)						
	Erie Harbor						
3495	- PIERHEAD LIGHT	42 09 24 N 80 04 18 W	**Fl R** 2.5s	42 **13**	7	Square tower with black and white bands.	
3505	INTERNATIONAL PAPER EAST CRIB LIGHT		**Q W**	15 **5**		NG on gray pile.	Maintained from May 1 to Nov. 30. Private aid.
3510	International Paper Obstruction Buoy	42 08 48 N 80 03 30 W				White can with orange bands and diamond worded ROCKS.	Maintained from May 15 to Nov. 15. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
3515	*- Entrance Lighted Bell Buoy 1*	42 09 49 N 80 03 11 W	**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to May 7.
3520	*- Entrance Lighted Buoy 2*	42 09 53 N 80 03 15 W	**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to May 7.
3525	- Entrance Buoy 3					Green can.	
3530	- Entrance Buoy 4					Red nun.	
3535	*- Entrance Lighted Buoy 5*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to May 7.
3540	- LIGHT 7	42 09 12 N 80 04 24 W	**Fl G** 4s	27 **8**	4	SG on post.	
3545	- ENTRANCE RANGE FRONT LIGHT	42 09 06 N 80 04 54 W	**F G**	27 **8**		KRW on skeleton tower.	West side of tower only visible to outbound vessels.
3550	- ENTRANCE RANGE REAR LIGHT 755 feet, 235° from front light.		**F G**	55 **17**		KRW on skeleton tower.	
3555	JOHN E. LAMPE MUNICIPAL MARINA LIGHT 1	42 08 54 N 80 04 30 W	**Q G**	24 **7**		SG on tower.	Private aid.
3560	JOHN E. LAMPE MUNICIPAL MARINA LIGHT 2	42 08 54 N 80 04 24 W	**Q R**	24 **7**		TR on tower.	Private aid.
3565	- LIGHT 8	42 09 06 N 80 04 53 W	**Fl R** 4s	30 **9**	4	TR on post.	
3570	- Junction Buoy M	42 09 05 N 80 04 55 W				Red with green band; nun.	
3575	*- Lighted Buoy 9*		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 7 to May 7.
3580	*- Lighted Buoy 10*	42 08 56 N 80 05 17 W	**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 7 to May 7.
3585	*- Lighted Buoy 11*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to May 7.
3590	*- Lighted Buoy 12*	42 08 47 N 80 05 33 W	**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to May 7.
3595	*- Lighted Buoy 13*		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 7 to May 7.
3596	*- Lighted Buoy 14*		**Fl R** 4s		4	Red.	Replaced by can from Dec. 7 to May. 7.
3597	- No Wake Buoy	42 08 30 N 80 05 06 W				White can with orange bands worded SLOW-NO WAKE.	Maintained from May 15 to Sep. 15. Private aid.
3597.5	- No Wake Buoy					White can with orange bands worded SLOW-NO WAKE.	Maintained from May 15 to Sep. 15. Private aid.
3598	- No Wake Buoy					White can with orange bands worded SLOW-NO WAKE.	Maintained from May 15 to Sep. 15. Private aid.
3598.5	- No Wake Buoy					White can with orange bands worded SLOW-NO WAKE.	Maintained from May 15 to Sep. 15. Private aid.
3599	- No Wake Buoy					White can with orange bands worded SLOW-NO WAKE.	Maintained from May 15 to Sep. 15. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
	Presque Isle Park						
	Aids maintained from May 1 to Nov. 1.						
3615	- RANGE FRONT LIGHT	42 09 24 N 80 06 48 W	**F R**	19 **6**		KWB on skeleton tower.	Private aid.
3620	- RANGE REAR LIGHT 425 feet, 339.8° from front light.		**F R**	31 **9**		KWB on skeleton tower.	Private aid.
3625	- LIGHT 1	42 09 12 N 80 06 48 W	**Fl G** 2s	20 **6**		SG on post.	Private aid.
3630	- LIGHT 2		**Fl R** 2s	20 **6**		TR on post.	Private aid.
3635	- LIGHT 3		**Fl G** 2s	20 **6**		SG on post.	Private aid.
3640	- LIGHT 4		**Fl R** 2s	20 **6**		TR on post.	Private aid.
	Erie Harbor						
3645	- Water Pipe Intake Buoy A					White and orange bands; spar.	Maintained from May 1 to Nov. 30. Private aid.
3650	- Water Pipe Intake Buoy B					White with orange bands; spar.	Maintained from May 1 to Nov. 30. Private aid.
3655	- Water Pipe Intake Buoy C					White with orange bands; spar.	Maintained from May 1 to Nov. 30. Private aid.
	Erie Yacht Club						
3660	- BREAKWATER LIGHT		**Fl W** 2s	32 **10**		White lighthouse.	Maintained from Apr. 1 to Oct. 30. Private aid.
3665	- ENTRANCE LIGHT 1		**F G**	10 **3**		SG on skeleton tower.	Maintained from May 30 to Oct. 15. Private aid.
3670	- ENTRANCE LIGHT 2		**F R**	10 **3**		TR on skeleton tower.	Maintained from May 30 to Oct. 15. Private aid.
3675	Erie Harbor West Shoal Buoy A	42 07 42 N 80 08 06 W				White can with orange bands.	Maintained from May 15 to Sep. 15. Private aid.
3680	Erie Harbor West Shoal Buoy B					White can with orange bands.	Maintained from May 15 to Sep. 15. Private aid.
3685	Erie Harbor West Shoal Buoy C					White can with orange bands.	Maintained from May 15 to Sep. 15. Private aid.
	SIXTEEN MILE CREEK TO CONNEAUT (Chart 14824)						
3690	**Presque Isle Light**	42 09 48 N 80 06 54 W	**Iso W** 6s	73 **22**	15	Square tower. 68	Standby light of reduced intensity shows Fl W 10s.
3695	WALNUT CREEK BREAKWATER LIGHT	42 04 36 N 80 14 18 W	**Fl R** 2.5s	14 **4**		On pile.	Maintained from May 1 to Nov. 1. Private aid.
	Conneaut Harbor						
3700	- BREAKWATER LIGHT 1		**Fl G** 4s	46 **14**	6	SG on gray post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
3705	**- West Breakwater Light**	41 58 48 N 80 33 30 W	**Al WR** 10s 0.1s W fl 4.9s ec. 0.1s R fl 4.9s ec.	80 **24**	W 18 R 15	Square pyramidal tower.	
3710	- EAST GAP LIGHT 1		**Fl G** 4s	25 **8**	4	SG on post.	
3715	- PIER LIGHT 3		**Fl G** 2.5s	20 **6**	4	SG on post.	
3720	- PIER LIGHT 4		**Iso R** 6s	28 **9**	4	TR on post.	
3725	CONNEAUT BOAT CLUB WEST LIGHT		**F R**	14 **4**		TR on post.	Maintained from May 1 to Nov. 1. Private aid.
3730	CONNEAUT BOAT CLUB EAST LIGHT		**F G**	14 **4**		SG on post.	Maintained from May 1 to Nov. 1. Private aid.
3731	CONNEAUT HARBOR NORTH LIGHT 1		**Fl G** 3s	19 **6**		SG on post.	Maintained from May 1 to Nov. 1. Private aid.
3732	CONNEAUT HARBOR NORTH LIGHT 2		**Fl R** 3s	19 **6**		TR on post.	Maintained from May 1 to Nov. 1. Private aid.
3735	Conneaut Shoal Buoys (11) Marks shoals to municipal pier.					White can with orange bands and diamond worded DANGER.	Maintained from Apr. 1 to Oct. 1. Private aids.
	ASHTABULA TO CHAGRIN RIVER (Chart 14825)						
3740	ASHTABULA INTAKE BREAKWATER LIGHT	41 54 48 N 80 46 12 W	**Fl G** 3s	17 **5**		SG on skeleton tower.	Maintained from Apr. 15 to Nov 1. Private aid.
	ASHTABULA HARBOR (Chart 14836)						
	Ashtabula Harbor						
3745	**- Light**	41 55 06 N 80 47 48 W	**Fl Y** 6s	51 **16**	9	White cylindrical tower on white square house.	
3750	AHSTABULA EAST BREAKWATER SOUTH END LIGHT	41 54 48 N 80 46 30 W	**Fl W** 4s	27 **8**	8	NR on post.	
3755	- ENTRANCE LIGHT 1		**Fl G** 4s	34 **10**	7	White cylindrical tower with green band.	
3760	- ENTRANCE LIGHT 2		**Fl R** 2.5s	40 **12**	7	White cylindrical tower with red band.	
3765	*- Lighted Buoy 3*		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 7 to May 7.
3770	*- Junction Lighted Buoy A*		**Fl (2+1) G** 6s		4	Green with red bands.	Maintained from May 7 to Dec. 7.
3775	- INNER BREAKWATER LIGHT 7	41 54 42 N 80 47 42 W	**Fl G** 2.5s	34 **10**	4	White cylindrical tower with green bands.	
3780	*- East Basin Lighted Buoy 1*		**Fl G** 4s		4	Green.	Maintained from May 7 to Dec. 7.
3785	*- East Basin Lighted Buoy 2*		**Fl R** 4s		4	Red.	Replaced with nun from Dec. 7 to May 7.
3790	ASHTABULA RIVER LIGHT 1		**Fl G** 2.5s	31 **9**	4	SG on post.	
3795	*- Ashtabula River Lighted Buoy 2*	41 54 39 N 80 47 55 W	**Fl R** 4s		4	Red.	Replaced with nun from Dec. 7 to May 7.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
3800	ASHTABULA RIVER LIGHT 4	41 54 33 N 80 47 57 W	**Fl R** 6s	35 **11**	7	TR on grey post.	
3805	Ashtabula River Shoal Buoy 5					Green can.	Maintained from May 1 to Nov. 1.
	ASTABULA TO CHAGRIN RIVER (Chart 14825)						
3825	GENEVA ON THE LAKE LIGHT 1	41 51 36 N 80 58 30 W	**Fl G** 2.5s	31 **9**	3	White cylindrical tower.	
3830	GENEVA ON THE LAKE LIGHT 2		**Fl R** 2.5s	31 **9**	5	TR on post.	
	FAIRPORT HARBOR (Chart 14837)						
	Fairport Harbor						
3835	- EAST BREAKWATER EAST END LIGHT	41 46 06 N 81 15 24 W	**Fl R** 4s	28 **9**	6	TR on pile.	Higher intensity beam in easterly direction.
3840	- BREAKWATER LIGHT A	41 46 00 N 81 16 00 W	**Fl Y** 2.5s	27 **8**	4	NY on post.	
	ASHTABULA TO CHAGRIN RIVER (Chart 14825)						
	Fairport Harbor						
3845	- BREAKWATER LIGHT B	41 46 00 N 81 15 42 W	**Fl Y** 2.5s	27 **8**	4	NY on post.	
3850	*Lake County Outer PWI Crib Lighted Buoy* Marks north side of crib.	41 46 06 N 81 15 46 W	**Fl W** 3s			White can with orange bands and diamond.	Maintained from Apr. 15 to Nov. 15. Private aid.
3855	LAKE COUNTY INNER CRIB LIGHT		**Fl W** 2.5s	15 **5**		NW on post.	Maintained from Apr. 15 to Nov. 15. Private aid.
3860	- EAST BREAKWATER LIGHT		**Fl G** 4s	37 **11**	6	SG on post.	
3865	- WEST BREAKWATER EXTENSION LIGHT		**Fl R** 2.5s	46 **14**	8	TR on post.	
3870	**- West Breakwater Light**		**Iso W 6s**	56 **17**	10	Tower.	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates from Apr. 1 to Dec. 1.
3880	- WEST PIER LIGHT	41 45 42 N 81 16 48 W	**F R**	20 **6**	5	White cylindrical tower with red band.	
3885	- EAST PIER LIGHT	41 45 42 N 81 16 48 W	**Iso G** 6s	26 **8**	5	SG on post.	
3890	- PORT AUTHORITY BOAT RAMP LIGHT	41 45 36 N 81 16 42 W	**Q R**	13 **4**		On post.	Maintained from May 1 to Oct 31. Private aid.
3891	- PORT AUTHORITY BREAKWATER LIGHT	41 45 36 N 81 16 40 W	**Fl W** 4s	9 **3**		On post.	Private aid.
3895	MORTON SALT COMPANY BOATLOADING NORTH AND SOUTH LIGHTS (2)		**F R**	12 **4**			Maintained from May 1 to Nov. 1. Private aid.
3900	MORTON SALT COMPANY DOLPHIN LIGHT		**F R**	12 **4**		On dolphin.	Maintained from May 1 to Nov. 1. Private aid.
3905	*Painesville Inner Intake Crib Lighted Buoy 1*	41 45 24 N 81 17 54 W	**Q G**			Green.	Maintained from Apr. 15 to Nov. 15. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
	Mentor Harbor						
	Aids maintained from May 1 to Nov. 1.						
3910	- LIGHT 1	41 43 42 N 81 21 12 W	**F G**	21 **6**		SG on white pile.	Private aid.
3915	- LIGHT 2		**F R**	21 **6**		TR on white pile.	Private aid.
3920	- LIGHT 3		**Fl W** 2s	33 **10**		White diamond daymark on white pile.	Private aid.
3925	- LIGHT 4		**F R**	10 **3**		On post.	Private aid.
3930	- YACHT CLUB RANGE FRONT LIGHT	41 43 30 N 81 21 00 W	**F W**	20 **6**		On white post.	Private aid.
3935	- YACHT CLUB RANGE REAR LIGHT 465 feet, 142° from front light.		**F W**	25 **8**		On white post.	Private aid.
	ASHTABULA TO CHAGRIN RIVER (Chart 14825)						
3940	CHAGRIN EAST PIER LIGHT	41 40 36 N 81 26 12 W	**Fl G** 4s	27 **8**		On green post.	Maintained from May 1 to Oct. 31. Private aid.
3945	CHAGRIN WEST PIER LIGHT	41 40 36 N 81 26 18 W	**Fl R** 4s	27 **8**		On red post.	Maintained from May 1 to Oct. 31. Private aid.
3950	CHARGIN WEST PIER INNER LIGHT		**F R**	32 **10**		On red post.	Maintained from May 1 to Oct. 31. Private aid.
3955	EASTLAKE INTAKE BREAKWATER LIGHT	41 40 27 N 81 26 50 W	**Q Y**	18 **5**		NW on post worded DANGER.	Maintained from Apr. 15 to Dec. 1. Private aid.
	MOSS POINT TO VERMILLION (Chart 14826)						
	Wildwood Park						
	Lights maintained from May 1 to Oct. 15.						
3975	- WEST DETACHED BREAKWATER LIGHT	41 35 18 N 81 34 00 W	**Q W**	16 **5**		NW on pile.	Private aid.
3980	- CENTER DETACHED BREAKWATER LIGHT	41 35 18 N 81 34 00 W	**Q W**	16 **5**		NW on pile.	Private aid.
3985	- EAST DETACHED BREAKWATER LIGHT	41 35 24 N 81 34 00 W	**Q W**	16 **5**		NW on pile.	Private aid.
3990	- EAST PIERHEAD LIGHT	41 35 18 N 81 34 00 W	**Fl G** 4s	16 **5**		SG on pile.	Private aid.
3995	- WEST PIERHEAD LIGHT	41 35 12 N 81 35 12 W	**Fl R** 4s	16 **5**		TR on pile.	Private aid.
3996	- INNER PIERHEAD LIGHT		**Fl G** 4s	16 **5**		SG on pile.	Private aid.
4000	EUCLID BEACH EAST BREAKWATER LIGHT	41 35 00 N 81 34 06 W	**Q G**	26 **8**		On post.	Private aid.
4005	EUCLID BEACH WEST BREAKWATER LIGHT	41 35 00 N 81 34 12 W	**Q G**	26 **8**		On post.	Private aid.
4015	NORTHEAST YACHT CLUB OUTER LIGHT	41 34 24 N 81 35 06 W	**F R**	14 **4**		On pile.	Maintained from Mar. 15 to Nov. 1. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
4020	NORTHEAST YACHT CLUB INNER LIGHT	41 34 24 N 81 35 04 W	**F G**	14 **4**		On pile.	Maintained from Mar. 15 to Nov. 1. Private aid.
4021	NEWPORT HARBOR ENTRANCE LIGHT 1	41 33 24 N 81 36 30 W	**F G**	20 **6**		SG on post.	Maintained from May 1 to Nov. 1. Private aid.
4022	NEWPORT HARBOR ENTRANCE LIGHT 2		**F R**	20 **6**		TR on post.	Maintained from May 1 to Nov. 1. Private aid.
4030	CLEVELAND WATERWORKS INTAKE CRIB LIGHT	41 33 00 N 81 45 00 W	**Fl W** 10s	55 **17**		Square house on cylindrical crib.	Maintained from May 1 to Dec. 1. Private aid. HORN: 1 blast ev 30s (3s bl).
4035	*Cleveland Intake Lighted Buoy* Marks submerged water intake.		**Fl W** 4s			White with orange bands.	Replaced by unlighted buoy from Nov. 1 to May. 1. Private aid.
	CLEVELAND HARBOR (Chart 14839)						
	Cleveland Harbor						
	Gordon Park						
4040	- DISPOSAL LIGHT A	41 32 54 N 81 38 00 W	**Fl W** 4s	40 **12**	6	NB on post.	
4045	- BOAT BASIN LIGHT 1	41 32 30 N 81 38 18 W	**Fl G** 2.5s	40 **12**	4	SG on post.	
4050	- BOAT BASIN ENTRANCE NORTH LIGHT		**Fl R** 4s	18 **5**		On pile.	Maintained from May 1 to Oct. 15. Private aid.
4055	- BOAT BASIN ENTRANCE SOUTH LIGHT		**Fl G** 4s	18 **5**		On pile.	Maintained from May 1 to Oct. 15. Private aid.
	Cleveland Harbor						
	Lighted buoys maintained from Apr. 28 to Dec. 14.						
4060	- EAST ENTRANCE LIGHT 2	41 32 36 N 81 39 06 W	**Iso R** 6s	59 **18**	6	TR on skeleton tower. 47	
4065	*- East Basin Channel Lighted Buoy 1*		**Fl G** 4s		4	Green.	Maintained from Apr. 14 to Dec. 7.
4070	- East Basin Channel Buoy 4					Red nun.	Maintained from Apr. 14 to Dec. 7.
4075	- EAST 55th STREET MARINA ENTRANCE NORTH LIGHT		**Fl G** 4s	14 **4**		On pile.	Maintained from May 1 to Oct. 15. Private aid.
4080	- EAST 55th STREET MARINA ENTRANCE SOUTH LIGHT		**Fl R** 4s	18 **5**		On pile.	Maintained from May 1 to Oct. 15. Private aid.
4085	*- East Basin Channel Lighted Buoy 5*		**Fl G** 4s		4	Green.	Maintained from Apr. 14 to Dec. 7.
4090	*- East Basin Channel Lighted Buoy 6*		**Fl R** 4s		4	Red.	Maintained from Apr. 14 to Dec. 7.
4095	- EAST BASIN DIKE LIGHT 2		**Fl R** 4s	27 **8**	4	TR on skeleton tower.	
4100	Forest City Yacht Club Buoy 4					Red nun.	Maintained from May 1 to Oct. 14.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
4104	BKL REGULATED NAVIGATION AREA LIGHT	41 31 30 N 81 40 00 W	**Fl Y** 4s	6 **2**		NW on pile worded DANGER LOW FLYING AIRCRAFT.	Private aid.
4105	LAKESIDE YACHT CLUB ENTRANCE NORTH LIGHT		**F G**	7 **2**		On post.	Maintained from Mar. 1 to Dec. 1. Private aid.
4110	LAKESIDE YACHT CLUB ENTRANCE SOUTH LIGHT		**F R**	7 **2**		On post.	Maintained from Mar. 1 to Dec. 1. Private aid.
4120	*- East Basin Channel Lighted Buoy 8*		**Fl R** 6s		4	Red.	Replaced by nun from Dec. 7 to Apr. 14.
4130	*- East Basin Channel Lighted Buoy 10*		**Fl R** 4s		3	Red.	Replaced by nun from Dec. 7 to Apr. 14.
4135	*- East Basin Channel Lighted Buoy 11*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to Apr. 14.
4140	*- East Basin Channel Lighted Buoy 12*		**Fl R** 6s		4	Red.	Replaced by nun from Dec. 7 to Apr. 14.
4147	North Coast Harbor Daybeacon 1					SG on pilings.	Private aid.
4150	NORTH COAST HARBOR LIGHT 2	41 30 36 N 81 41 48 W	**Fl R** 4s	23 **7**		TR on post.	Maintained from Apr. 15 to Nov. 15. Private aid.
4155	*- East Basin Channel Lighted Buoy 14*		**Fl R** 4s		3	Red.	
4160	**- Main Entrance Light**	41 30 32 N 81 43 04 W	**Al WR** 10s 0.1s W fl 4.9s ec. 0.1s R fl 4.9s ec.	63 **19**	W 16	White conical tower with fog signal building attached.	Tower floodlighted from sunset to sunrise. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates from Apr. 1 to Dec. 1.
4165	- MAIN ENTRANCE LIGHT 1		**Iso G** 6s	39 **12**	7	Tower. 31	
4170	- LIGHT 3		**Fl G** 4s	29 **9**	4	SG on post. 18	
4175	- LIGHT 4		**Fl R** 4s	29 **9**	5	TR on post. 19	
4180	- LIGHT 5		**Fl G** 2.5s	31 **9**	3	SG on post. 29	
4185	- LIGHT 6		**Fl R** 2.5s	27 **8**	4	TR on post. 18	
	Whiskey Island Marina						
4190	- ENTRANCE LIGHT 1	41 29 59 N 81 43 02 W	**Fl G** 2s	7 **2**		SG on post.	Private aid.
4191	- ENTRANCE LIGHT 2	41 29 57 N 81 43 04 W	**Fl R** 2s	7 **2**		TR on post.	Private aid.
	Cleveland Harbor West Basin Channel						
4215	- LIGHT 1	41 29 48 N 81 43 42 W	**Q G**	31 **9**	5	SG on pile.	Light visible from 255° to 200°.
4220	- LIGHT 2		**Fl R** 2.5s	21 **6**	5	TR on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
4225	- JUNCTION LIGHT		**Iso** 6s	21 **6**	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	- Daybeacon 4					TR on triangular tower.	
4232	CLEVELAND HARBOR WEST BASIN CHANNEL LIGHT 7	41 29 48 N 81 43 36 W	**Fl G** 2.5s	31 **9**	4	SG on post.	Light visible from 210° to 070°.
4233	CLEVELAND HARBOR WEST CHANNEL BASIN LIGHT 8		**Fl R** 6s	31 **9**	3	TR on post.	Light visible from 210° to 100°.
	Cuyahoga River						
4240	- ABUTMENT LIGHT	41 28 48 N 81 40 30 W	**F R**		14 4		Private aid.
	MOSS POINT TO VERMILLION (Chart 14826)						
4245	ROCKY RIVER LIGHT 1	41 29 30 N 81 50 18 W	**Fl G** 2.5s	35 **11**	6	SG on white cylindrical tower with green band.	
4250	ROCKY RIVER BREAKWATER LIGHT	41 29 24 N 81 50 11 W	**Fl Y** 4s	28 **9**	6	NY on white post.	
4255	BRADSTREET LANDING DOCK LIGHT	41 29 06 N 81 52 00 W	**Fl G** 6s	36 **11**		On post.	Maintained from Apr. 15 to Nov. 15. Private aid.
4256	CASHELMARA JETTY LIGHT	41 29 00 N 81 52 42 W	**Q Y**	20 **6**		On post.	Maintained from Apr. 15 to Nov. 15. Private aid.
	Avon Lake						
	Launch Basin aids maintained from Apr. 1 to Nov. 1.						
4270	- INTAKE BREAKWATER LIGHT	41 30 30 N 82 03 18 W	**Fl W** 2.5s	12 **4**		NB on pedestal.	Private aid.
4274	- LAUNCH BASIN LIGHT 1	41 30 18 N 83 03 36 W	**Fl G** 4s	25 **8**		SG on post.	Private aid.
4275	- LAUNCH BASIN LIGHT 2	41 30 18 N 82 03 42 W	**Fl R** 2.5s	25 **8**		TR on post.	Private aid.
4280	- LAUNCH BASIN BREAKWATER LIGHT		**Q W**	27 **8**		NW on post worded DANGER.	Private aid.

Section 4

Lake Erie
Lorain Harbor to Toledo Harbor

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
	LORAIN HARBOR (Chart 14841)						
	Lorain Harbor						
4320	- LIGHT	41 28 54 N 82 11 42 W	**Fl W** 6s	60 **18**	21	On tower.	HORN: 1 blast ev 30s (3s bl). Operates from Apr. 15 to Nov. 15.
4323	- DETACHED BREAKWATER MIDDLE LIGHT		**Fl G** 4s	20 **6**	5	On post.	
4325	- DETACHED BREAKWATER EAST LIGHT		**Q Y**	25 **8**	4	NY on post.	
4330	- LIGHT 1		**Fl G** 2.5s	30 **9**	5	SG on post. 27	Higher intensity lakeward.
4335	- LIGHT 2	41 28 36 N 82 11 24 W	**Fl R** 4s	58 **18**	7	Square tower on south corner of square building.	
4340	- Buoy 3					Green can.	
4345	*- Lighted Buoy 5*		**Fl G** 4s		4	Green.	Maintained from Apr. 15 to Nov. 14.
4350	- LIGHT 6		**Fl R** 6s	32 **10**	5	TR on post.	
4355	- LIGHT 7		**Fl G** 4s	32 **10**	4	SG on post.	
4360	- INNER HARBOR DETACHED BREAKWATER LIGHT		**Fl Y** 2.5s	32 **10**	4	NY on post.	
4365	- EAST BREAKWATER MIDDLE LIGHT		**Fl Y** 4s	25 **8**	8	NY on post.	
4370	- Inner Harbor Daybeacon 1			25 **8**		SG on post.	
4375	- Inner Harbor Daybeacon 2			25 **8**		TR on post.	
4380	- JUNCTION LIGHT		**Fl (2+1) G** 6s	25 **8**	6	JG on post.	
4385	U.S. STEEL CORPORATION MOORING CELL LIGHT		**Q R**	17 **5**		Sheet piling mooring cell.	Private aid.
4390	LAKEVIEW PARK WEST LIGHT	41 27 48 N 82 11 54 W	**Fl Y** 2.5s	30 **9**	4	NY on pile.	
4395	LAKEVIEW PARK EAST LIGHT	41 27 54 N 82 11 42 W	**Fl Y** 4s	30 **9**	4	NY on pile.	
	MOSS POINT TO VERMILLION (Chart 14826)						
	Beaver Creek						
	Lights maintained from May 1 to Oct. 31.						
4410	- ENTRANCE LIGHT 1	41 26 16 N 82 15 09 W	**F G**	25 **8**		SG on post.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
4415	- ENTRANCE LIGHT 2	41 26 15 N 82 15 11 W	**F R**	15 **5**		TR on post.	Private aid.
4420	- ENTRANCE LIGHT 4		**Fl R** 2.5s	15 **5**		TR on post.	Private aid.
4425	- ENTRANCE LIGHT 5		**F G**	15 **5**		SG on post.	Private aid.
4426	- ENTRANCE LIGHT 6		**F R**	15 **5**		TR on post.	Private aid.
4429	- WATER TOWER LIGHT	41 25 18 N 82 21 30 W	**Fl W** 4s	191 **58**		White, single-pedestal watersphere. 150	Private aid.
	Vermilion						
4430	- DETACHED BREAKWATER LIGHT A		**Q W**	25 **8**	4	NB on pile.	
4435	- DETACHED BREAKWATER LIGHT B		**Fl W** 6s	30 **9**	4	NB on pile.	
4440	- DETACHED BREAKWATER LIGHT C		**Q W**	25 **8**	4	NB on pile.	
4445	- EAST PIERHEAD LIGHT 1		**Fl G** 4s	22 **7**	4	SG on pile.	
4450	- WEST PIERHEAD LIGHT 2	41 25 42 N 82 21 54 W	**Fl R** 4s	27 **8**	4	TR on post.	
4451	VERMILLION MUSEUM LIGHTHOUSE	41 25 30 N 82 22 00 W	**F R**	35 **11**		White conical tower.	Private aid.
4455	BEACHWOOD VILLA LIGHT 1	41 23 18 N 82 31 24 W	**F G**	15 **5**		SG on post.	Maintained from May 1 to Nov. 1. Private aid.
4460	BEACHWOOD VILLA LIGHT 2		**F R**	15 **5**		TR on post.	Maintained from May 1 to Nov. 1. Private aid.
	HURON HARBOR (Chart 14843)						
	Huron Harbor						
4475	- LIGHT	41 24 17 N 82 32 38 W	**Iso R** 6s	80 **24**	12	Square pyramidal tower. 72	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates from Apr. 1 to Nov. 1. Operates by keying the mike 5 times on VHF-FM Ch. 79.
4485	*- Entrance Lighted Buoy 1*	41 24 32 N 82 32 14 W	**Fl G** 6s		4	Green.	Replaced by can from Dec. 7 to Apr. 14.
4490	- Entrance Buoy 2					Red nun.	
4495	- Entrance Buoy 3					Green can.	
4500	- LIGHT 5		**Fl G** 4s	25 **8**	4	SG on post.	
4505	- LIGHT 8		**Fl R** 4s	27 **8**	5	TR on post.	
4510	- LIGHT 7	41 23 54 N 82 32 54 W	**Fl G** 2.5s	25 **8**	4	SG on post.	
4515	HURON RIVER MOORING BASIN NORTH LIGHT		**F R**	15 **5**		On pile.	Maintained from May 1 to Oct. 1. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
4520	HURON RIVER MOORING BASIN SOUTH LIGHT		**F G**	15 **5**		On pile.	Maintained from May 1 to Oct. 1. Private aid.
	WEST END OF LAKE ERIE (Chart 14830)						
4525	SAWMILL CREEK ENTRANCE EAST LIGHT	41 25 00 N 82 35 36 W	**F G**	20 **6**		Pole on seawall.	Maintained from May 1 to Nov. 1. Private aid.
4530	SAWMILL CREEK ENTRANCE WEST LIGHT	41 25 06 N 82 35 42 W	**F R**	20 **6**		Pole on seawall.	Maintained from May 1 to Nov. 1. Private aid.
	Point Retreat Marina						
	Aids to navigation maintained from May 1 to Nov. 15.						
4535	- Buoy 1	41 25 48 N 82 36 54 W				Green can.	Private aid.
4540	- Buoy 2					Red nun.	Private aid.
4550	- Buoy 3					Green can.	Private aid.
	SANDUSKY HARBOR (Chart 14845)						
	Sandusky Harbor						
4560	**- Breakwater Light**	41 30 00 N 82 40 30 W	**Oc W** 4s	30 **9**	16	White cylindrical tower with green band.	HORN: 1 blast ev 30s (3s bl). Operates from Apr. 1 to Dec. 1. Standby horn of reduced intensity
	Moseley Channel						
4570	- RANGE FRONT LIGHT	41 29 12 N 82 42 12 W	**Q G**	32 **10**		KRW on white cylindrical tower.	Higher intensity on range line.
4575	- RANGE REAR LIGHT 2,625 feet, 237° from front light.		**Iso G** 6s	66 **20**		KRW on white cylindrical tower.	Higher intensity on range line.
4580	*- Lighted Bell Buoy 1*		**Fl G** 4s		4	Green.	Maintained from Apr. 14 to Dec. 7.
4585	*- Lighted Buoy 2*		**Fl R** 4s		4	Red.	Maintained from Apr. 14 to Dec. 7.
4595	*- Lighted Buoy 4*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
4600	*- Lighted Buoy 5*		**Fl G** 4s		4	Green.	Maintained from Apr. 14 to Dec. 14.
4605	*- Lighted Buoy 6*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to Apr. 14.
4610	- Buoy 8					Red nun.	
4615	*- Lighted Buoy 9*		**Q G**		4	Green.	Replaced by can from Dec. 14 to Apr. 14.
4620	*- Lighted Buoy 10*		**Fl R** 2.5s		5	Red.	Replaced by nun from Dec. 14 to Apr. 14.
	Sandusky Straight Channel						
4625	- RANGE FRONT LIGHT	41 29 30 N 82 41 48 W	**Q R**	27 **8**		KRW on white cylindrical tower.	Higher intensity on range line.
4630	- RANGE REAR LIGHT 1,500 feet, 017° from front light.		**Iso R** 6s	66 **20**		KRW on white cylindrical tower.	Higher intensity on range line.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
4635	*- Lighted Buoy 11*		**Q G**		4	Green.	Replaced by can from Dec. 14 to Apr. 14.
4640	*- Lighted Buoy 12*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
4645	CEDAR POINT WATER INTAKE LIGHT	41 29 00 N 82 41 36 W	**Fl Y** 4s	20 **6**		NY on green post.	Maintained from Apr. 1 to Dec. 1. Private aid.
4650	*- Lighted Buoy 13*		**Fl G** 4s		5	Green.	Replaced by can from Dec. 14 to Apr. 14.
4655	*- Lighted Buoy 14*		**Fl R** 2.5s		5	Red.	Replaced by nun from Dec. 14 to Apr. 14.
4660	*Sandusky Exit Channel Junction Lighted Buoy E*		**Fl (2+1) R** 6s		5	Red and green bands.	Replaced by nun from Dec. 14 to Apr. 14.
4665	- Buoy 15					Green can.	
4670	*- Lighted Buoy 16*		**Fl R** 2.5s		5	Red.	Replaced by nun from Dec. 14 to Apr. 14.
	Sandusky Dock Channel						
4675	*- Lighted Buoy 18*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
4676	DOCK OF THE BAY MARINA ENTRANCE LIGHT	41 27 36 N 82 42 42 W	**F R**	18 **5**		TR on white post.	Maintained from Apr. 7 to Dec. 1. Private aid.
4677	DOCK OF THE BAY MARINA EAST BREAKWATER LIGHT		**F W**	18 **5**		On grey post.	Maintained from Apr. 7 to Dec. 1. Private aid.
4678	DOCK OF THE BAY MARINA WEST BREAKWATER LIGHT		**F W**	18 **5**		On grey post.	Maintained from Apr. 7 to Dec. 1. Private aid.
4680	*- Lighted Buoy 20*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
4685	- LIGHT		**Fl G** 4s	19 **6**	6	SG on pile.	
4690	*- Lighted Buoy 23*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 14.
4695	*- Lighted Buoy 24*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
4700	Sandusky Turning Basin Buoy 25					Green can.	
4705	SANDUSKY HARBOR TURNING BASIN LIGHT		**Fl W** 2.5s	20 **6**	6	NR on post.	
	Sandusky Bay Exit Channel						
4710	- Buoy 9					Green can.	
4715	*- Lighted Buoy 7*		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 14 to Apr. 14.
4720	- Buoy 8					Red nun.	
4725	- RANGE FRONT LIGHT	41 28 36 N 82 41 48 W	**Q G**	33 **10**	9	KRW on skeleton tower.	Visible on range line only. Higher intensity on rangeline only.
4730	- RANGE REAR LIGHT	41 28 48 N 82 41 18 W	**Iso G** 6s	53 **16**	9	KRW on skeleton tower.	Visible on range line only.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
4735	- RANGE REAR PASSING LIGHT		**Fl Y** 4s				
4740	*- Lighted Buoy 6*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
4745	*- Lighted Buoy 5*		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 14 to Apr. 14.
4750	*- Lighted Buoy 4*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
4755	*- Lighted Buoy 3*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 14.
4760	*- Lighted Buoy 2*		**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
	Cedar Point Marina						
4765	- ENTRANCE LIGHT 1		**F G**	15 **5**		SG on post.	Maintained from Mar. 1 to Dec. 15. Private aid.
4770	- ENTRANCE LIGHT 2		**F R**	15 **5**		TR on post.	Maintained from Mar. 1 to Dec. 15. Private aid.
4775	- BREAKWATER LIGHT		**F W**	15 **5**		NW on post.	Maintained from Mar. 1 to Dec. 15. Private aid.
4780	- SOUTH BASIN LIGHT 2		**Fl R** 2.5s	22 **7**		TR on white post.	Maintained from Apr. 1 to Nov. 15. Private aid.
4785	- SOUTH BASIN LIGHT 1		**Fl G** 2.5s	22 **7**		SG on white post.	Maintained from Apr. 1 to Nov. 15. Private aid.
	Sandusky Harbor						
4790	SADLER SAILING BASIN ENTRANCE LIGHT 1	41 27 42 N 82 41 54 W	**F G**	10 **3**		On post.	Maintained from Apr. 15 to Oct. 15. Private aid.
4795	SADLER SAILING BASIN ENTRANCE LIGHT 2		**F R**	10 **3**		On post.	Maintained from Apr. 15 to Oct. 15. Private aid.
4800	SANDUSKY SLUDGE BASIN LIGHT		**Q R**	13 **4**		On white post.	Maintained from Apr. 15 to Oct. 15. Private aid.
4805	EAST COVE ENTRANCE LIGHT 1	41 27 36 N 82 41 54 W	**F G**	7 **2**		On spar on jetty.	Maintained from Apr. 15 to Oct. 15. Private aid.
4806	EAST COVE ENTRANCE LIGHT 2		**F R**	15 **5**		On pole.	Maintained from Apr. 15 to Oct. 15. Private aid.
4807	EAST COVE ENTRANCE LIGHT 3		**F G**	15 **5**		On pole.	Maintained from Apr. 15 to Oct. 15. Private aid.
4810	CAUSEWAY LEADING LIGHT		**F G**	5 **2**		On black pile.	Visible from 037.25° to 157.25°. Maintained from Apr. 15 to Oct. 15. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
	Harbor Development Channel						
	Aids to navigation maintained from May 1 to Nov. 1.						
4815	*- Lighted Buoy 1*		**Fl G** 4s			Green.	Private aid.
4820	*- Lighted Buoy 2*		**Fl R** 4s			Red.	Private aid.
4825	*- Lighted Buoy 3*		**Fl G** 4s			Green.	Private aid.
4830	*- Lighted Buoy 4*		**Fl R** 4s			Red.	Private aid.
4835	*- Lighted Buoy 5*		**Q G**			Green.	Private aid.
4840	*- Lighted Buoy 6*		**Q R**			Red.	Private aid.
4845	*- Lighted Buoy 7*		**Fl G** 4s			Green.	Private aid.
4850	*- Lighted Buoy 8*		**Fl R** 4s			Red.	Private aid.
4855	*- Lighted Buoy 9*		**Fl G** 4s			Green.	Private aid.
4860	*- Lighted Buoy 10*		**Fl R** 4s			Red.	Private aid.
4865	*- Lighted Buoy 11*		**Fl G** 4s			Green.	Private aid.
4870	*- Lighted Buoy 12*		**Fl R** 4s			Red.	Private aid.
4875	*- Lighted Buoy 13*		**Fl G** 4s			Green	Private aid.
4880	*- Lighted Buoy 14*		**Fl R** 4s			Red.	Private aid.
4885	*- Lighted Buoy 15*		**Q G**			Green.	Private aid.
4890	*- Lighted Buoy 16*		**Q R**			Red.	Private aid.
4895	*- Lighted Buoy 17*		**Fl G** 4s			Green.	Private aid.
4900	*- Lighted Buoy 18*		**Fl R** 4s			Red.	Private aid.
4905	*- Lighted Buoy 19*		**Q G**			Green.	Private aid.
4910	*- Lighted Buoy 20*		**Q R**			Red.	Private aid.
4915	*- Lighted Buoy 21*		**Fl G** 4s			Green.	Private aid.
4920	*- Lighted Buoy 22*		**Fl R** 4s			Red.	Private aid.
4925	*- Lighted Buoy 23*		**Fl G** 4s			Green.	Private aid.
4930	*- Lighted Buoy 24*		**Fl R** 4s			Red.	Private aid.
4935	*- Lighted Buoy 25*		**Fl G** 4s			Green.	Private aid.
4940	*- Lighted Buoy 26*		**Fl R** 4s			Red.	Private aid.
4950	BATTERY PARK MARINA SOUTH ENTRANCE LIGHT	41 27 48 N 82 42 06 W	**F G**	20 **6**		On post.	Maintained from May 1 to Oct. 31. Private aid.
4955	BATTERY PARK MARINA NORTH ENTRANCE LIGHT		**F R**	20 **6**		On post.	Maintained from May 1 to Oct. 31. Private aid.
4960	SANDUSKY YACHT CLUB LIGHT 1	41 27 48 N 82 42 24 W	**Q G**	23 **7**		SG on post.	Maintained from Apr. 15 to Dec. 15. Private aid.
4965	SANDUSKY YACHT CLUB LIGHT 2		**Q R**	23 **7**		TR on post.	Maintained from Apr. 15 to Dec. 15. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
	ISLANDS IN LAKE ERIE (Chart 14844)						
	West End Sandusky Bay						
4970	DANBURY BREAKWATER LIGHT	41 30 18 N 82 45 30 W	**Fl G** 4s	23 **7**		On post.	Maintained from Apr. 15 to Nov. 15. Private aid.
4975	COMMODORE BAY MARINA ENTRANCE LIGHT 1	41 30 06 N 82 46 24 W	**F G**			SG on post.	Maintained from May 1 to Nov. 1. Private aid.
4980	COMMODORE BAY MARINA ENTRANCE LIGHT 2		**F R**			TR on post.	Maintained from May 1 to Nov. 1. Private aid.
	Sandusky Bay Channel						
4990	- TRANSMISSION LINE LIGHT A	41 29 06 N 82 49 36 W	**Q W**	15 **5**		NW worded DANGER on concrete pier.	Maintained from May 1 to Dec. 1. Private aid.
4995	Thomas Edison Bridge Shoal Buoy A	41 29 00 N 82 50 00 W				White with orange bands and diamond worded HAZARD.	Maintained from May 1 to Oct. 15. Private aid.
5000	Thomas Edison Bridge Shoal Buoy B	41 29 12 N 82 50 00 W				White with orange bands and diamond worded HAZARD.	Maintained from May 1 to Oct. 15. Private aid.
5005	Thomas Edison Bridge Shoal Buoy C	41 29 06 N 82 50 00 W				White can with orange bands and diamond worded HAZARD.	Maintained from May 1 to Oct. 15. Private aid.
5010	- TRANSMISSION LINE LIGHT B	41 29 00 N 82 49 36 W	**Q W**	15 **5**		NW worded DANGER on concrete pier.	Maintained from May 1 to Dec. 1. Private aid.
5015	WEST SHORE WATER SKI RAMP LIGHT	41 29 31 N 82 50 03 W	**Q W**	6 **2**		On water ski jump.	Maintained from May 30 to Sep. 15. Private aid.
	SOUTH SHORE OF LAKE ERIE (Chart 14842)						
	West End Sandusky Bay						
	Sandusky Bay Channel						
5020	Willow Point Buoy A	41 26 42 N 82 53 12 W				White with orange bands.	Maintained from May 15 to Oct. 15. Private aid.
5025	Willow Point Buoy B	41 26 42 N 82 53 24 W				White with orange bands.	Maintained from May 15 to Oct. 15. Private aid.
5030	Willow Point Buoy C	41 26 30 N 82 53 30 W				White with orange bands.	Maintained from May 15 to Oct. 15. Private aid.
	Buoys maintained from May 1 to Nov. 1. Due to silting, buoys may be relocated without prior notice.						
5035	- Buoy 1					Green can.	
5040	- Buoy 3					Green can.	
5045	- Buoy 4					Red nun.	
5050	- Buoy 5					Green can.	
5055	- Buoy 6					Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
	Muddy Creek						
	Buoys maintained from May 1 to Oct. 14. Due to silting, buoys may be relocated without prior notice.						
5060	- Buoy 7					Green can.	
5065	- Buoy 8					Red nun.	
5070	- Buoy 9					Green can.	
5075	- Buoy 10					Red nun.	
5080	- Buoy 11					Green can.	
5085	SQUAW ISLAND LIGHT 12		**Fl R** 4s	25 **8**	6	TR on white skeleton tower.	
	Sandusky River						
	Buoys maintained from May 1 to Oct. 14. Due to silting, buoys may be relocated without prior notice.						
5090	- Daybeacon 13					SG on pile.	
5095	- Buoy 14					Red nun.	
5096	- Daybeacon 15					SG on pile.	
5097	- Buoy 16					Red nun.	
5100	- Daybeacon 17					SG on pile.	
5102	- Buoy 18					Red nun.	
5105	- Buoy 19					Green can.	
5110	- Buoy 21					Green can.	
5111	- Buoy 22					Red nun.	
5115	- Buoy 23					Green can.	
5120	- Buoy 24					Red nun.	
5125	- Buoy 25					Green can.	
5129	- Buoy 26					Red nun.	
5133	- Buoy 28					Red nun.	
5137	- Buoy 30					Red nun.	
5141	- Buoy 32					Red nun.	
5145	- Buoy 34					Red nun.	
5149	- Buoy 36					Red nun.	
5153	- Buoy 37					Green can.	
5157	- Buoy 38					Red nun.	
5161	- Buoy 40					Red nun.	
5163	- Buoy 42					Red nun.	
5166	- Buoy 44					Red nun.	
5169	- Buoy 46					Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
	South Passage to Maumee Bay						
	Bay Point						
5170	*Bay Point Shoal Lighted Buoy 2* Marks east side of shoal.		**Fl R** 4s		4	Red.	Maintained from Apr. 14 to Nov. 14.
	Bay Point State Park Hazard						
	Buoys maintained from Apr. 15 to Oct. 15. Due to shifting sandbar, buoys may be relocated without prior notice.						
5175	- Buoy A	41 29 30 N 82 42 36 W				White with orange bands.	Private aid.
5180	- Buoy B					White with orange bands.	Private aid.
5185	- Buoy C					White with orange bands.	Private aid.
5190	- Buoy D					White with orange bands.	Private aid.
5195	- Buoy E					White with orange bands.	Private aid.
5200	- Buoy F					White with orange bands.	Private aid.
5205	- Buoy G					White with orange bands.	Private aid.
5210	- Buoy H					White with orange bands.	Private aid.
5215	BAY POINT MARINA EAST LIGHT	41 30 54 N 82 43 12 W	**Q W**	10 **3**		On white post.	Maintained from May 15 to Nov. 15. Private aid.
5245	BAY POINT MARINA SOUTH LIGHT	41 30 36 N 82 43 30 W	**Q W**	8 **2**		On white post.	Maintained from May 15 to Nov. 15. Private aid.
5250	**Marblehead Light**	41 32 12 N 82 42 42 W	**Fl G** 6s	67 **20**	11	Tower. 65	
5255	PLEASANT POINTE NORTH PIER LIGHT	41 32 24 N 82 42 54 W	**Fl W**	16 **5**		On post.	Maintained from Apr. 15 to Nov. 30. Private aid.
5260	PLEASANT POINTE SOUTHEAST PIER LIGHT	41 32 22 N 82 42 52 W	**F R**	16 **5**		On post.	Maintained from Apr. 15 to Nov. 30. Private aid.
5261	PLEASANT POINTE SOUTH PIER LIGHT	41 32 22 N 82 42 53 W	**F G**	16 **5**		On post.	Maintained from Apr. 15 to Nov. 30. Private aid.
5265	MARBLEHEAD STONE DOCK LIGHT	41 32 42 N 82 43 48 W	**Q W**	18 **5**		NW on post.	Maintained from Mar. 15. to Dec. 15. Private aid.
5270	LAKESIDE ASSOCIATION DOCK LIGHT		**2 F R**	10 **3**		On post.	Maintained from Apr. 15 to Nov. 1. Private aid.
5275	LAKESIDE MARINE INC. BREAKWATER LIGHT	41 32 48 N 82 45 18 W	**F G**	20 **6**		On pile.	Maintained from Mar. 15 to Dec. 15. Private aid.
5280	LAKESIDE MARINE INC. PIERHEAD LIGHT		**Q W**	35 **11**		White structure.	Maintained from Mar. 15 to Dec. 15. Private aid.
5285	SCHROCKS MARINA EAST BREAKWATER LIGHT	41 32 36 N 82 46 06 W	**F W**	20 **6**		On black pile.	Maintained from Apr. 20 to Oct. 20. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
5290	SCHROCKS MARINA WEST BREAKWATER LIGHT		**F R**	15 **5**		On black pile.	Maintained from Apr. 20 to Oct. 20. Private aid.
5300	LAKEVUE WEST ENTRANCE LIGHT (3)	41 32 26 N 82 46 22 W	**F R**	4 **1**		On pile.	Maintained from May 1 to Sep. 30. Private aids.
5305	EAST HARBOR ENTRANCE LIGHT 1		**Fl G** 4s	24 **7**		SG on skeleton tower.	Private aid.
5310	EAST HARBOR ENTRANCE LIGHT 2		**Fl R** 4s	24 **7**		TR on skeleton tower.	Private aid.
5315	CHANNEL GROVE MARINA DOCK LIGHT	41 32 12 N 82 47 12 W	**Fl R** 4s	16 **5**		On post.	Maintained from Apr. 15 to Nov. 15. Private aid.
	East Harbor Smallboat Concourse						
	Buoys maintained from May 15 to Sep. 15						
5325	- Buoy 1					Green can.	Private aid.
5330	- Buoy 2					Red nun.	Private aid.
5335	- Buoy 3					Green can.	Private aid.
5340	- Buoy 4					Red nun.	Private aid.
5365	EAST HARBOR STATE PARK EAST BREAKWATER LIGHT	41 32 30 N 82 48 00 W	**Fl W** 2.5s	20 **6**		NW on post worded DANGER.	Private aid.
5370	EAST HARBOR STATE PARK WEST BREAKWATER LIGHT		**Fl W** 2.5s	20 **6**		NW on post worded DANGER.	Private aid.
5375	*Middle Harbor Shoal Lighted Buoy 1* Marks north side of shoal.	41 34 12 N 82 47 42 W	**Fl G** 4s		4	Green.	Maintained from Apr. 1 to Nov. 28.
	West Harbor						
	Buoys maintained from May 1 to Oct. 28.						
5380	- ENTRANCE CHANNEL LIGHT 1	41 34 06 N 82 48 30 W	**Fl G** 4s	31 **9**	5	SG on pile.	
5385	- ENTRANCE CHANNEL LIGHT 2		**Fl R** 2.5s	31 **9**	5	TR on post.	
5390	- Access Channel Buoy 3					Green can.	
5395	- Access Channel Buoy 4					Red nun.	
5400	*- Access Channel Lighted Buoy 5*		**Fl G** 4s		3	Green.	
5405	*- Access Channel Lighted Buoy 6*		**Fl R** 4s		3	Red.	
5410	*- Access Channel Lighted Buoy 8*		**Fl R** 4s		3	Red.	
5415	- ACCESS CHANNEL LIGHT 7	41 33 54 N 82 48 54 W	**Fl G** 2.5s	25 **8**	4	SG on piles.	
5420	- Access Channel Daybeacon 9					SG on pile.	
5425	- Access Channel Daybeacon 10					TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
5430	- Inner Channel Daybeacon 11					SG on pile.	
5435	- Inner Channel Daybeacon 12					TR on pile.	
5440	STATE PARK MARINA ENTRANCE LIGHT 1		**F G**	10 **3**		SG on pyramidal structure.	Maintained from Apr. 15 to Nov. 1. Private aid.
5445	STATE PARK MARINA ENTRANCE LIGHT 2		**F R**	10 **3**		TR on pyramidal structure.	Maintained from Apr. 15 to Nov. 1. Private aid.
5450	ANCHOR'S AWAY MARINA ENTRANCE LIGHT 1		**F G**	10 **3**		SG on pile.	Maintained from Apr. 1 to Dec. 1. Private aid.
5455	ANCHOR'S AWAY MARINA ENTRANCE LIGHT 2		**F R**	16 **5**		TR on pile.	Maintained from Apr. 1 to Dec. 1. Private aid.
5460	- JUNCTION LIGHT	41 33 30 N 82 49 30 W	**Fl (2+1) R** 6s	25 **8**	4	JR on pile.	
5465	- Inner Channel Daybeacon 13					SG on pile.	
5470	- Inner Channel Daybeacon 14					TR on pile.	
5475	- Inner Channel Daybeacon 15					SG on pile.	
5480	- Inner Channel Daybeacon 16					TR on pile.	
5485	- Inner Channel Daybeacon 17					SG on pile.	
5490	- Inner Channel Daybeacon 18					TR on pile.	
5492	Inner Channel Warning Daybeacon	41 33 00 N 82 49 54 W				NW with orange stripes on pile.	Marks end of channel.
	Gem Beach						
5495	- SOUTH ENTRANCE LIGHT 1		**Fl G** 4s	20 **6**		SG on pile.	Maintained from Apr. 15 to Nov. 1. Private aid.
5500	-NORTH ENTRANCE LIGHT 2		**Fl R** 4s	28 **9**		TR on post.	Maintained from Apr. 15 to Nov. 1. Private aid.
5505	- Access Channel Daybeacon 3					SG on pile.	
5510	- Access Channel Daybeacon 5					SG on pile.	
5515	- Access Channel Daybeacon 6					TR on pile.	
	ISLANDS IN LAKE ERIE (Chart 14844)						
5520	*Scott Point Shoal Lighted Buoy 1* Marks northeast side of shoal.		**Fl G** 4s		4	Green.	Replaced by can from Nov. 7 to May 7.
5525	*Starve Island Reef Lighted Buoy 2* Marks west side of reef.		**Fl R** 6s		4	Red.	Replaced by nun from Nov. 7 to May 7.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
5530	**South Bass Island Light**	41 37 42 N 82 50 30 W	**Fl R** 6s	74 **23**	11	NR on skeleton tower.	
5535	GREEN ISLAND LIGHT	41 38 42 N 82 52 06 W	**Fl W** 2.5s	80 **24**	8	NR on white skeleton tower small white house. 67	Light obscured by woods from 238° to 273°.
	WEST END OF LAKE ERIE (Chart 14830)						
5540	*Niagara Reef Lighted Buoy 5*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 7 to May 7.
5545	Crib Reef Buoy 7					Green can.	Maintained from Apr. 7 to Nov. 1.
5550	WEST SISTER ISLAND LIGHT	41 44 12 N 83 06 36 W	**Fl W** 4s	55 **17**	8	Tower. 55	Light obscured by trees from 210° thru 269°, other scattered trees obscure light at intervals.
5555	*NOAA Lighted Weather Buoy 45005*	41 40 36 N 82 23 54 W	**Fl (4) Y** 20s 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 11.5s ec.			Yellow disc-shaped hull.	Maintained from May 1 to Dec. 1.
	ISLANDS IN LAKE ERIE (Chart 14844)						
5565	*Kelleys Island Shoal Lighted Buoy 1* Marks northeast side of shoal.		**Fl G** 4s		4	Green.	Replaced by can from Nov.7 to May 7.
5570	CAMP PATOS LIGHT	41 37 00 N 82 40 54 W	**Q W**	11 **3**		Small lighthouse structure.	Maintained from May 30 to Sep. 1. Private aid.
5575	Kelleys Island Buoy 1					Green can.	
5580	Kelleys Island Shoal Buoy 3					Green can.	
5585	KELLEYS ISLAND STATE PARK BREAKWATER LIGHT	41 37 00 N 82 42 12 W	**Fl R** 4s	20 **6**		TR on gray tower.	Private aid.
5590	KELLSTONE CRIB LIGHT		**Q R**	7 **2**		On pile.	Maintained from May 1 to Dec. 20. Private aid.
5595	*Rock Shoal Lighted Buoy 2*		**Fl R** 4s		4	Red.	Maintained from May 7 to Nov. 7.
5600	*Gull Island Shoal Lighted Buoy 4* Marks south side of shoal.		**Fl R** 4s		4	Red.	Maintained from May 7 to Nov. 7.
5615	*Middle Bass Island East Shoal Lighted Bell Buoy 1* Marks east side of shoal.		**Fl G** 4s		4	Green.	Replaced by can from Nov. 7 to May 7.
	North Bass Island						
5620	- Shoal Buoy 2					Red nun.	Maintained from May 7 to Nov. 7.
5625	*- Lighted Buoy 3*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 7 to May 7.
5630	- Buoy 4	41 44 06 N 82 48 36 W				Red nun.	Maintained from May 7 to Nov. 7.
5635	*- Lighted Bell Buoy 6*		**Fl R** 4s		4	Red.	Maintained from May 7 to Nov. 7.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
	ISLANDS IN LAKE ERIE (Chart 14844)						
5650	BALLAST ISLAND LIGHT	41 40 42 N 82 47 00 W	**Fl W** 4s	92 **28**	8	NR on skeleton tower. 67	Obscured from 014° to 070°.
5655	*Ballast Island Channel Lighted Buoy 5*	41 40 16 N 82 46 54 W	**Fl G** 2.5s		4	Green.	Maintained from May 7 to Nov 7.
5660	Ballast Island Channel Buoy 6					Red nun.	
5665	Ballast Island Channel Buoy 7					Green can.	
5670	**Perry Memorial Monument Light**	41 39 12 N 82 48 36 W	**Iso W** 6s	335 **102**	15	On roof of monument.	
	Put-In-Bay						
	Buoys maintained from May 21 to Nov. 1.						
5675	- Shoal Buoy 1 Marks northwest side of shoal.					Green can.	Maintained year round.
5680	*- Channel Lighted Buoy 2*	41 39 30 N 82 49 06 W	**Fl R** 2.5s		4	Red.	
5685	- Channel Buoy 3					Green can.	
5690	*- Channel Lighted Buoy 4*		**Fl R** 4s		4	Red.	
5695	- Channel Buoy 5					Green can.	
5705	- Channel Buoy 6					Red nun.	
5710	- Channel Buoy 8					Red nun.	
5715	- Channel Buoy 10					Red nun.	
5716	*- East Lighted Float*	41 39 30 N 82 48 54 W	**Q Y**			Three 8 foot boards marked NO WAKE, on a wood raft.	Maintained from May 1 to Oct. 15. Private aid.
5717	*- West Lighted Float*	41 39 30 N 82 49 06 W	**Q Y**			Three 8 foot boards marked NO WAKE, on a wood raft.	Maintained from May 1 to Oct. 15. Private aid.
	Miller Channel						
	Buoys maintained from May 1 to Nov. 1.						
5720	- Entrance Buoy 1	41 39 18 N 82 49 24 W				Green can.	Private aid.
5725	- Entrance Buoy 2					Red nun.	Private aid.
5730	- Entrance Buoy 3					Green can.	Private aid.
5735	- Entrance Buoy 4					Red nun.	Private aid.
5736	- Entrance Buoy 6					Red nun.	Private aid.
5745	Oak Point Reef Cut Buoy 1					Green can.	Maintained from Apr. 15 to Nov. 15. Private aid.
5750	Oak Point Reef Cut Buoy 2					Red nun.	Maintained from Apr. 15 to Nov. 15. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
	Put-In-Bay Anchorage						
	Buoys maintained from May 1 to Nov. 1.						
5754	- Buoy A	41 39 30 N 82 49 30 W				Yellow can.	Private aid.
5755	- Buoy B					Yellow can.	Private aid.
5760	- Buoy C					Yellow can.	Private aid.
5765	- Buoy D					Yellow can.	Private aid.
5770	- Buoy E					Yellow can.	Private aid.
5775	*Peach Orchard Point Lighted Buoy 2*		**Fl R** 4s		4	Red.	Maintained from Apr. 21 to Oct. 21.
	WEST END OF LAKE ERIE (Chart 14830)						
	South Side						
	Erie Proving Ground						
5780	- Buoy A	41 41 30 N 83 07 33 W				Yellow can.	
5785	- Buoy B					Yellow can.	
5790	- Buoy C					Yellow can.	
5795	- Buoy D					Yellow can.	
5800	- Buoy E					Yellow can.	
5805	- Buoy F					Yellow can.	Maintained from May 7 to Nov. 7.
5810	- Buoy G					Yellow can.	Maintained from May 7 to Nov. 7.
5815	- Buoy H					Yellow can.	Maintained from May 7 to Nov. 7.
5820	- Buoy J					Yellow can.	Maintained from Apr. 14 to Nov. 7.
5825	- Buoy K					Yellow can.	Maintained from Apr. 14 to Nov. 7.
5830	- Buoy L					Yellow can.	Maintained from May 7 to Nov. 7.
	ISLANDS IN LAKE ERIE (Chart 14844)						
5835	*Catawba Island Lighted Buoy 1*	41 34 36 N 82 52 06 W	**Fl G** 4s		4	Green.	Maintained from May 7 to Nov. 7.
5840	CATAWBA STATE PARK PIER LIGHT		**Fl G** 2.5s	15 **5**		Skeleton tower.	Maintained from Apr. 1 to Nov. 15. Private aid.
5845	CATAWBA CLIFFS HARBOR LIGHT	41 34 18 N 82 51 18 W	**F R**	12 **4**		White triangular structure.	Maintained from Apr. 1 to Nov. 1. Private aid.
5846	CATAWBA ISLAND MARINA SOUTH LIGHT 1	41 33 42 N 82 51 12 W	**Q G**	10 **3**		SG on pile.	Maintained from Apr. 15 to Nov. 15. Private aid.
5847	CATAWBA ISLAND MARINA SOUTH LIGHT 2		**Q R**	10 **3**		TR on pile.	Maintained from Apr. 15 to Nov. 15. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
5849.3	LEMARIN ENTRANCE LIGHT 5	41 33 33 N 82 51 10 W	**F G**	20 **6**		SG on concrete pile.	Maintained from Apr. 1 to Nov. 30. Private aid.
5849.4	LEMARIN ENTRANCE LIGHT 6	41 33 32 N 82 51 11 W	**F R**	20 **6**		TR on concrete pile.	Maintained from Apr. 1 to Nov. 30. Private aid.
5850	COLONY CLUB MARINA NORTH LIGHT		**F G**	10 **3**		White triangular structure.	Maintained from Apr. 1 to Nov. 1. Private aid.
5855	COLONY CLUB MARINA SOUTH LIGHT	41 33 12 N 82 51 24 W	**F R**	10 **3**		White triangular structure.	Maintained from Apr. 1 to Nov. 1. Private aid.
5857	NORTHWEST CATAWABA MARINA ENTRANCE LIGHT 1	41 32 54 N 82 51 30 W	**Fl G** 3s	10 **3**		SG on post.	Maintained from Apr. 1 to Nov. 1. Private aid.
5858	NORTHWEST CATAWABA MARINA ENTRANCE LIGHT 2		**Fl R** 3s	10 **3**		TR on post.	Maintained from Apr. 1 to Nov. 1. Private aid.
	WEST END OF LAKE ERIE (Chart 14846)						
	Port Clinton						
5860	*- Intake Crib Lighted Buoy*	41 31 12 N 82 56 24 W	**Q W**			White and orange bands with orange diamond worded DANGER.	Maintained from May 15 to Nov. 15. Private aid.
5861	*Port Clinton Regional Water Intake Crib Lighted Buoy*	41 31 21 N 82 56 19 W	**Fl W** 4s			White with orange bands and diamond worded DANGER CRIB.	Maintained from May 15 to Oct. 15. Private aid.
5865	- LIGHT 2	41 31 06 N 82 56 12 W	**Fl (2) R** 6s	30 **9**	6	TR on post. 19	Higher intensity beam on bearing of 208°.
5870	- EAST PIERHEAD LIGHT 1		**Fl G** 6s	25 **8**	9	SG on white pile.	
	Buoys maintained from May 14 to Nov. 1.						
5875	- Channel Buoy 1					Green can.	
5877	- Channel Buoy 2					Red nun.	
5880	- Channel Buoy 3					Green can.	
5885	- Channel Buoy 4					Red nun.	
5890	- Channel Buoy 5					Green can.	
5895	- Channel Buoy 6					Red nun.	
5898	SPINNAKER BAY ENTRANCE LIGHT 1	41 31 30 N 82 58 06 W	**F G**	10 **3**		SG on post on breakwater.	Private aid.
5899	SPINNAKER BAY ENTRANCE LIGHT 2		**F R**	10 **3**		TR on post on breakwater.	Private aid.
	Lake Front Marina						
5900	- ENTRANCE EAST LIGHT 1	41 31 30 N 82 58 18 W	**Fl G** 1.2s	13 **4**		SG on pile.	Maintained from Apr. 1 to Nov. 15. Private aid.
5905	- ENTRANCE WEST LIGHT 2	41 31 30 N 82 58 18 W	**Fl R** 1.2s	13 **4**		TR on pile.	Maintained from Apr. 1 to Nov. 15. Private aid.
5910	- RANGE FRONT LIGHT	41 31 30 N 82 58 24 W	**F Y**	34 **10**		On skeleton tower.	Maintained from Apr. 15 to Nov. 15. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
5915	- RANGE REAR LIGHT 75 feet, 210° from front light.		**F Y**	49 **15**		On skeleton tower.	Maintained from Apr. 15 to Nov. 15. Private aid.
	Toussaint River						
	Buoys maintained from May 1 to Nov. 1.						
5920	- Entrance Buoy 1					Green can.	
5925	- Entrance Buoy 2					Red nun.	
5930	- Entrance Buoy 3					Green can.	
5935	- Entrance Buoy 4					Red nun.	
5940	- Entrance Buoy 5					Green can.	
5945	- Entrance Buoy 6					Red nun.	
	WEST END OF LAKE ERIE (Chart 14846)						
5950	Davis-Bease Nuclear Power Plant Obstruction Buoy	41 36 24 N 83 03 48 W				Orange and white regulatory buoy marked SUBMERGED CRIB.	Maintained from Apr. 1 to Nov. 15. Private aid.
	Wild Wings Marina						
5955	- ENTRANCE LIGHT 1	41 36 48 N 83 06 12 W	**Fl G** 2.5s	20 **6**		SG on white post.	Maintained from May 1 to Nov. 1. Private aid.
5960	- ENTRANCE LIGHT 2		**Fl R** 2.5s	20 **6**		TR on white post.	Maintained from May 1 to Nov. 1. Private aid.
	WEST END OF LAKE ERIE (Chart 14846)						
5970	LONG BEACH RANGE FRONT LIGHT	41 36 54 N 83 06 48 W	**F G**	13 **4**		On white post.	Maintained from May 30 to Nov. 1. Private aid.
5975	LONG BEACH RANGE REAR LIGHT 147 feet, 159° from front light.		**F G**	22 **7**		On white post.	Maintained from May 30 to Nov. 1. Private aid.
5980	LONG BEACH ENTRANCE LIGHT		**F R**	13 **4**		On white post.	Maintained from May 1 to Nov. 1. Private aid.
	Turtle Creek						
	Aids maintained from Apr. 1 to Nov. 15.						
5996	- BREAKWATER LIGHT 2	41 37 00 N 83 07 42 W	**Fl R** 2.5s	28 **9**		TR on pile.	Private aid.
	WEST END OF LAKE ERIE (Chart 14846)						
6000	WARD CANAL EAST JETTY LIGHT 1		**Fl G** 2.5s	22 **7**	4	SG on pile.	
6001	WARD CANAL WEST JETTY LIGHT 2		**Fl R** 4s	28 **9**	7	TR on post.	
	Cooley Canal						
6005	- BREAKWATER LIGHT 3	41 40 36 N 83 16 59 W	**Fl G** 4s	30 **9**	4	SG on tower.	
6010	- BREAKWATER LIGHT 4	41 40 36 N 83 17 00 W	**Fl R** 4s	30 **9**	4	TR on tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
6011	- Buoy 1	41 40 36 N 83 17 00 W				Green can.	Maintained from May 14 to Nov. 1.
6012	- Buoy 2	41 40 37 N 83 17 01 W				Red nun.	Maintained from May 14 to Nov. 1.
6013	- Buoy 5	41 40 33 N 83 17 01 W				Green can.	Maintained from May 14 to Nov. 1.
6014	- Buoy 6	41 40 33 N 83 17 03 W				Red nun.	Maintained from May 14 to Nov. 1.
	WEST END OF LAKE ERIE (Chart 14846)						
6025	TOLEDO WATER WORKS INTAKE CRIB LIGHTS	41 41 58 N 83 15 33 W	**Q W**	50 **15**		Circular building surmounting crib.	Four (4) lights mounted on each corner of crib. Maintained from Apr. 1 to Nov. 15. Private aid.

Section 5

Lake Erie
Toledo Harbor to Detroit River

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
	TOLEDO HARBOR (Chart 14847)						
	Maumee Bay						
	Lighted buoys maintained from Apr. 7 to Dec. 14.						
6030	**Toledo Harbor Light**	41 45 42 N 83 19 42 W	**Iso W** 6s	72 **22**	10	Square 3-story dwelling; fog signal house attached. 70	HORN: 1 blast ev 30s (3s bl). Operates from Apr. 1 to Dec. 1.
6040	*- Safe Water Lighted Buoy*	41 50 08 N 83 10 11 W	**Mo (A) W**		7	Red and white stripes.	
6045	*- Entrance Lighted Buoy 1*	41 49 27 N 83 11 27 W	**Q G**		4	Green.	
6050	**- Entrance Light 2**	41 49 30 N 83 11 36 W	**Fl R** 2.5s	44 **13**	13	TR on tower with red band.	RACON: M (– –) BELL: 1 strike ev 30s. HORN: 1 blast ev 15s (1s bl). Standby Signal. Operates year round.
6055	- Buoy 3					Green can.	
6060	- Buoy 4					Red nun.	
6065	*- Lighted Buoy 5*		**Fl G** 4s		4	Green.	
6070	*- Lighted Buoy 6*		**Fl R** 4s		4	Red.	
6075	- Buoy 7					Green can.	
6080	- Buoy 8					Red nun.	
6085	- LIGHT 9		**Fl G** 4s	33 **10**	5	White cylindrical tower with green band.	
6090	*- Lighted Buoy 10*		**Fl R** 4s		4	Red.	
6095	- Buoy 11					Green can.	
6100	- Buoy 12					Red nun.	
6105	MANHATTAN RANGE FRONT LIGHT	41 41 48 N 83 27 54 W	**F R**	24 **7**		KRW on post. 18	Lighted throughout 24 hours.
6110	MANHATTAN RANGE REAR LIGHT 2,930 feet, 237.4° from front light.		**F R**	105 **32**		KRW on storage bin on building. 101	Lighted throughout 24 hours.
6115	*- Lighted Buoy 13*		**Fl G** 4s		4	Green.	
6120	*- Lighted Buoy 14*		**Fl R** 2.5s		4	Red.	
6125	- Buoy 15					Green can.	
6130	- Buoy 16					Red nun.	
6135	*- Lighted Buoy 17*		**Fl G** 4s		4	Green.	
6140	*- Lighted Buoy 18*		**Fl R** 4s		4	Red.	
6145	- Buoy 19					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
6150	- Buoy 20					Red nun.	
6155	*- Lighted Buoy 21*		**Fl G** 4s		4	Green.	
6160	- Buoy 23					Green can.	
6165	- Buoy 24					Red nun.	
6170	*- Lighted Buoy 25*		**Fl G** 4s		4	Green.	
6175	*- Lighted Buoy 26*		**Fl R** 4s		4	Red.	
	Lighted buoys maintained from Apr. 7 to Dec. 14.						
6180	- Buoy 27					Green can.	
6185	- Buoy 28					Red nun.	
6190	- LIGHT 29		**Fl G** 4s	47 **14**	4	SG on white cylindrical tower with green band.	
6195	*- Lighted Buoy 30*	41 44 25 N 83 22 25 W	**Fl R** 4s		4	Red.	
6200	- Buoy 31					Green can.	
6205	- Buoy 32					Red nun.	
6210	*- Lighted Buoy 33*		**Fl G** 4s		4	Green.	
6215	*- Lighted Buoy 34*		**Fl R** 4s		4	Red.	
6220	- Buoy 35					Green can.	
6225	- Buoy 36					Red nun.	
6230	*- Lighted Buoy 37*	41 42 59 N 83 25 17 W	**Fl G** 4s		4	Green.	
6235	*- Lighted Buoy 38*		**Fl R** 4s		3	Red.	Replaced by nun from Dec. 14 to Apr. 7.
6240	- Buoy 40	41 42 42 N 83 26 02 W				Red nun.	
	Disposal Area						
	Aids maintained from Apr. 15 to Dec. 15.						
6245	- LIGHT A	41 42 30 N 83 26 06 W	**Q W**	19 **6**		On dolphin.	Private aid.
6250	- LIGHT B		**Q W**	19 **6**		On dolphin.	Private aid.
	Maumee Bay						
6265	*- Lighted Buoy 41*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 21 to Apr. 7.
6270	- Buoy 42					Red nun.	
6275	*- Lighted Buoy 43*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 7.
6280	*- Lighted Buoy 45*	41 41 57 N 83 27 27 W	**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 7.
6285	*- Lighted Buoy 46*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 7.
6290	*- Lighted Buoy 48*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 7.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
	Maumee River						
6295	*- Lighted Buoy 49*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 14.
6300	*- Lighted Buoy 50*	41 41 36 N 83 28 00 W	**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
6305	- Buoy 52					Red nun.	
	Harrison Marina						
	Buoys maintained from Apr. 15 to Dec. 1.						
6310	- Entrance Buoy 1					Green can.	Private aid.
6315	- Entrance Buoy 2					Red nun.	Private aid.
6320	- Entrance Buoy 3					Green can.	Private aid.
6325	- Entrance Buoy 4					Red nun.	Private aid.
6330	- Danger Buoy G					White with orange bands and diamond; can.	Private aid.
6335	- Danger Buoy H					White with orange bands and diamond; can.	Private aid.
	Maumee River						
6337	- Turning Basin Buoy 54					Red nun.	
6340	- Turning Basin Buoy 56					Red nun.	
6345	- Turning Basin Buoy 58					Red nun.	
6350	- Turning Basin Buoy 60					Red nun.	
6355	*- Lighted Buoy 62*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
6360	*- Lighted Buoy 63*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 14.
6361	- Buoy 64					Red nun.	
6362	- Buoy 65					Green can.	
6365	- Buoy 67					Green can.	
	Pier 75 Detached Breakwater						
	Lights maintained from Apr. 1 to Dec. 1.						
6370	- LIGHT A	41 37 35 N 83 32 41 W	**Q W**	3 **1**		On southeast corner of detached breakwater.	Private aid.
6375	- LIGHT B		**Q W**	3 **1**		On detached breakwater.	Private aid.
6380	- LIGHT C		**Q W**	3 **1**		On detached breakwater.	Private aid.
6385	- LIGHT D		**Q W**	3 **1**		On southwest corner of detached breakwater.	Private aid.
6390	- LIGHT E		**Q W**	3 **1**		On northeast corner of detached breakwater.	Private aid.
6395	- LIGHT F		**Q W**	3 **1**		On detached breakwater.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
6400	- LIGHT G		**Q W**	3 **1**		On detached breakwater.	Private aid.
6405	- LIGHT H		**Q W**	3 **1**		On northwest corner of detached breakwater.	Private aid.
	WEST END OF LAKE ERIE (Chart 14846)						
6410	WALBRIDGE PARK RANGE FRONT LIGHT	41 36 54 N 83 34 48 W	**F R**	10 **3**		Square daymark on white pile.	Maintained from May 1 to Nov. 1. Private aid.
6415	WALBRIDGE PARK RANGE REAR LIGHT 70 feet, 000.5° from front light.		**F R**	20 **6**		Square daymark on white pile.	Maintained from May 1 to Nov. 1. Private aid.
	Crib buoys maintained from Apr. 15 to Nov. 15.						
6420	Corbutt Island Intake Crib Buoy J					White can with orange bands and diamond.	Private aid.
6425	Corbutt Island Intake Crib Buoy K					White can with orange bands and diamond.	Private aid.
6430	Corbutt Island Intake Crib Buoy L					White can with orange bands and diamond.	Private aid.
6435	Brookford Road Water Intake Crib Buoy M					White can with orange bands and diamond.	Private aid.
6440	Brookford Road Water Intake Crib Buoy N					White can with orange bands and diamond.	Private aid.
6445	Brookford Road Water Intake Crib Buoy P					White can with orange bands and diamond.	Private aid.
6450	LUNA PIER MARINA BREAKWATER LIGHT 1	41 48 42 N 83 26 24 W	**Fl G** 4s	15 **5**		On post.	Maintained from Apr. 1 to Nov. 1. Private aid.
6455	LUNA PIER MARINA BREAKWATER LIGHT 2	41 48 42 N 83 26 24 W	**Fl R** 4s	15 **5**		On post.	Maintained from Apr. 2 to Nov. 1. Private aid.
	Toledo Beach Marina						
	Lights maintained from Apr. 15 to Oct. 15.						
6460	- RANGE FRONT LIGHT	41 49 44 N 83 24 45 W	**F R**	37 **11**		On pile.	Private aid.
6465	- RANGE REAR LIGHT 860 feet, 290° from front light.	41 49 47 N 83 24 57 W	**F R**	47 **14**		On pile.	Private aid.
6470	- SOUTH BREAKWATER LIGHT	41 49 40 N 83 24 33 W	**Q G**	10 **3**		On pile.	Private aid.
6474	- NORTH BREAKWATER LIGHT	41 49 41 N 83 24 30 W	**Q R**	10 **3**		On pile.	Private aid.
	WEST END OF LAKE ERIE (Chart 14846)						
6475	MAUMEE BAY MARINA NORTH BREAKWATER LIGHT		**Q R**	10 **3**		On pile.	Maintained from Apr. 1 to Nov. 15. Private aid.
6480	OTTER CREEK RANGE FRONT LIGHT	41 51 00 N 83 24 00 W	**F G**	12 **4**		SG on pile.	Maintained from May 1 to Nov. 30. Private aid.
6485	OTTER CREEK RANGE REAR LIGHT 75 feet, 284° from front light.		**Fl G** 4s	22 **7**		SG on pile.	Maintained from May 1 to Nov. 30. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
	Bolles Harbor						
	Unlighted buoys maintained from Apr. 21 to Nov. 14.						
6490	- *Lighted Buoy 2*		**Fl R** 4s		4	Red.	Maintained from Apr. 1 to Dec. 1.
6495	- Buoy 4					Red nun.	
6500	- *Lighted Buoy 5*		**Fl G** 2.5s		4	Green.	Maintained from Apr. 1 to Dec. 1.
6505	- *Lighted Buoy 6*		**Fl R** 4s		4	Red.	Maintained from Apr. 1 to Dec. 1.
6510	- Buoy 8					Red nun.	
6515	- Buoy 9					Green can.	
6520	- Buoy 10					Red nun.	
6525	- ENTRANCE LIGHT 10A	41 52 06 N 83 22 36 W	**Fl (2) W** 5s 0.4s fl 0.6s ec. 0.4s fl 3.6s ec.	35 **11**	8	TR on post.	
6530	- Buoy 11					Green can.	
6535	- ENTRANCE LIGHT 13A		**Fl G** 4s	25 **8**	5	SG on pile.	
6540	- Daybeacon 14			26 **8**		TR on pile.	
6545	- ENTRANCE LIGHT 15	41 52 18 N 83 22 48 W	**F G**	31 **9**	7	SG on post.	
6550	- RANGE FRONT LIGHT	41 52 24 N 83 22 48 W	**Q W**	18 **5**		KRW on post.	
6555	- RANGE REAR LIGHT 2,355 feet, 341.5° from front light.		**Iso W** 6s	60 **18**		KRW on skeleton tower.	
	Monroe Harbor						
6560	- RANGE FRONT LIGHT		**Iso W** 6s	32 **10**		Skeleton tower.	Lighted throughout 24 hours.
6565	- RANGE REAR LIGHT 2,250 feet, 291.8° from front light.		**F W**	80 **24**		Skeleton tower.	Lighted throughout 24 hours.
6570	- *Lighted Buoy 1*	41 52 31 N 83 16 52 W	**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 14 to Apr. 14.
6575	- *Lighted Buoy 2*		**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
6580	- Buoy 3					Green can.	
6585	- Buoy 4					Red nun.	
6590	- *Lighted Buoy 5*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 14.
6595	- *Lighted Buoy 6*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
6600	- Buoy 7					Green can.	
6605	- Buoy 8					Red nun.	
6610	- Buoy 9					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
	Sterling State Park						
	Buoys maintained from May 1 to Sep. 30. *Buoys mark remnants of an old dock.*						
6615	- Hazard Buoy A	41 54 12 N 83 20 00 W				White with orange bands.	Private aid.
6620	- Hazard Buoy B					White with orange bands.	Private aid.
6625	- Hazard Buoy C					White with orange bands.	Private aid.
6630	- Hazard Buoy D					White with orange bands.	Private aid.
	Stony Creek Channel						
	Aids maintained from May 15 to Nov. 1.						
6635	- RANGE FRONT LIGHT	41 56 36 N 83 18 12 W	**F R**	14 **4**		On white post.	Private aid.
6640	- RANGE REAR LIGHT 125 feet, 319° from front light.		**F R**	23 **7**		On red post.	Private aid.
6645	- Buoy 1	41 56 24 N 83 17 54 W				Green can.	Private aid.
6650	- Buoy 2					Red nun.	Private aid.
6655	- Buoy 3					Green can.	Private aid.
6660	- Buoy 4					Red nun.	Private aid.
6665	- Buoy 5					Green can.	Private aid.
6670	- Buoy 6					Red nun.	Private aid.
6675	- Buoy 7					Green can.	Private aid.
6680	- Buoy 8					Red nun.	Private aid.
	Sandy Creek						
	Buoys maintained from May 1 to Sep. 30.						
6685	*- Lighted Buoy 1*	41 55 30 N 83 19 48 W	**Fl G** 2.5s			Green.	Private aid.
6690	*- Lighted Buoy 2*		**Fl R** 2.5s			Red.	Private aid.
6695	- Buoy 3					Green can.	Private aid.
6700	- Buoy 4					Red nun.	Private aid.
6705	- Buoy 5					Green can.	Private aid.
6710	- Buoy 6					Red nun.	Private aid.
6715	ENRICO PERMI POWER PLANT INTAKE LIGHTS	41 57 42 N 83 15 00 W	**(2) F W**	26 **8**		On white pile.	Maintained from Mar. 1 to Dec. 1. Private aid.
	Swan Creek Entrance						
	Aids maintained from May 1 to Nov. 1.						
6720	- LIGHT 1	41 58 30 N 83 14 36 W	**Fl G** 2.5s	7 **2**		SG on post.	Private aid.
6725	- LIGHT 2		**Fl R** 2.5s	7 **2**		TR on post.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
6730	- Daybeacon 3			7 **2**		SG on post.	Private aid.
6735	- Daybeacon 4			7 **2**		TR on post.	Private aid.
6736	- Daybeacon 5			7 **2**		SG on post.	Private aid.
6737	- RANGE FRONT LIGHT 6	41 58 36 N 83 14 42 W	**F R**	10 **3**		TR on post.	Private aid.
6738	- RANGE REAR LIGHT 80 feet, 315° from front light.		**F R**	30 **9**		Three-masted tower.	Private aid.
6740	- Daybeacon 7			7 **2**		SG on post.	Private aid.
6741	- Daybeacon 8			10 **3**		TR on post.	Private aid.
6742	- Daybeacon 10			10 **3**		TR on post.	Private aid.
6743	- Daybeacon 12			10 **3**		TR on post.	Private aid.
	LAKE ERIE (Chart 14820)						
	Port Colborne						
6755	- OUTER LIGHT (C)		**F R**	36 **11**		White square tower with red upper portion. 25	Seasonal. Tower floodlighted. Light intensified over an arc of 030° SSW. Emergency light.
6760	- WEST BREAKWATER LIGHT (C)	42 52 12 N 79 16 06 W	**Fl W** 4s	24 **7**		White circular tower. 17	Seasonal.
6765	**- Inner Light** (C)	42 52 06 N 79 15 12 W	**Fl W** 10s 0.3s fl. 9.7s ec.	50 **15**	17	White square tower, red upper portion. 43	Seasonal.
6775	*- Lighted Buoy E3* (C)		**Fl G** 4s			Green.	
6780	- EAST BREAKWATER LIGHT (C)		**Fl G** 4s	35 **11**		White circular concrete tower with green top.	Seasonal.
6783	*- ODAS Lighted Buoy 45142*	42 44 12 N 79 17 24 W	**Fl (5) Y** 20s			Yellow disc-shaped hull.	Seasonal.
6785	**Long Point Light** (C)	42 32 54 N 80 03 00 W	**Fl W** 8s	97 **30**	25	White octagonal tower with red upper portion. 86	RACON: M (– –). Seasonal. Emergency light.
	WEST END OF LAKE ERIE (Chart 14830)						
	Pelee Passage						
6795	**Southeast Shoal Light** (C)	41 49 36 N 82 27 48 W	**Fl R** 10s	70 **21**	21	White square structure with red stripes on pyramidal base. 60	RACON: K (– • –). Winter light Fl W 4s. Seasonal. Emergency light.
6805	*- East Lighted Buoy E6* (C)		**Fl R** 4s			Red.	Spar; winter marker. Seasonal.
6810	*Southeast Shoal Lighted Buoy X* (C)	41 48 42 N 82 27 48 W	**Mo (A) W**			Red and white stripes.	Seasonal.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ERIE				
6815	*Pelee Point Lighted Bell Buoy EP2* (C)	41 52 12 N 82 30 30 W	**Fl R** 4s			Red.	Seasonal.
6820	*Grubb Reef Lighted Buoy E8* (C)	41 51 54 N 82 33 36 W	**Fl R** 4s			Red.	Seasonal.
6825	*- Traffic Lighted Buoy P* (C)	41 51 48 N 82 34 30 W	**Mo (A) W**			Red and white stripes.	Seasonal.
6830	*- Middle Ground Lighted Buoy E9* (C)	41 51 24 N 82 34 48 W	**Fl G** 4s			Green.	Seasonal.
6835	**- Light** (C)	41 51 12 N 82 34 54 W	**Fl W** 4s	91 **28**	10	White circular tower with green upper and lower portions; on pier. 80	RACON: M (**– –**) Winter light Fl W 4s. Seasonal.
6840	*- Turning Lighted Buoy E10* (C)	41 53 12 N 82 38 42 W	**Fl R** 4s			Red.	Seasonal.
6845	SCUDDER BREAKWATER LIGHT (C)	41 49 00 N 82 39 30 W	**Fl R** 4s	24 **7**		White circular tower with red top.	Seasonal.
6850	SCUDDER WHARF LIGHT (C)	41 48 54 N 82 39 36 W	**F R**	30 **9**	8	On elevator.	Seasonal.
6855	SCUDDER WHARF INNER LIGHT (C)		**Fl R** 4s	19 **6**	7	White circular tower with red upper portion. 12	Seasonal.
6865	*North Harbor Island Reef Lighted Buoy E13* (C)	41 51 00 N 82 51 12 W	**Fl G** 4s			Green.	Seasonal.
6870	COLCHESTER REEF LIGHT Marks south side of reef. (C)	41 56 00 N 82 53 30 W	**Fl R** 4s	72 **22**	6	Red skeleton tower with red rectangular daymark on two sides. 39	Seasonal.
6875	MIDDLE SISTER ISLAND LIGHT (C)	41 51 00 N 82 59 54 W	**Fl G** 4s	65 **20**	6	White square skeleton tower. 57	May be obscured by trees from south-southwest approaches. Seasonal.

Section 6

Detroit River

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			DETROIT RIVER				
	WEST END OF LAKE ERIE (Chart 14830)						
	Detroit River Entrance						
	East Outer Channel						
	Buoys maintained from Apr. 1 to Dec. 21.						
6885	DETROIT RIVER LIGHT	42 00 00 N 83 08 30 W	**Fl (2) W** 6s	55 **17**	10	White conical tower with black top on hexagonal top. 49	RACON: X (– • • –). HORN: 1 blast ev 30s (3s bl). Operates continuously.
6895	**- Light 1E**	41 54 48 N 83 06 24 W	**Fl G** 5s	44 **13**	12	Tower on platform with green band.	RACON: O (– – –). HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si). Operates from Mar. 15 to Jan. 15.
6900	*- Lighted Buoy 2*	41 55 17 N 83 06 19 W	**Q R**		4	Red.	LIB; winter marker, Fl R 4s.
6905	*- Lighted Buoy 3*		**Fl G** 4s		4	Green.	
6910	*- Lighted Buoy 5*		**Fl G** 2.5s		4	Green.	
6915	*- Lighted Buoy 6*		**Fl R** 2.5s		4	Red.	
	DETROIT RIVER (Chart 14848)						
	East Outer Channel						
	Buoys maintained from Apr. 1 to Dec. 21.						
6920	*- Lighted Buoy 7*		**Fl G** 4s		4	Green.	
6925	*- Lighted Buoy 8*		**Fl R** 4s		4	Red.	
6930	*- Lighted Buoy 9*		**Fl G** 2.5s		4	Green.	
6935	- LIGHT 10	41 57 48 N 83 07 18 W	**Fl R** 2.5s	44 **13**	5	Cylindrical tower with red band on platform.	
6940	*- Lighted Buoy 11*		**Fl G** 4s		4	Green.	
6945	*- Lighted Buoy 12*		**Fl R** 4s		4	Red.	
6950	*- Lighted Buoy 13*		**Fl G** 2.5s		4	Green.	
6955	*- Lighted Buoy 14*		**Fl R** 2.5s		4	Red.	
6960	*- Lighted Buoy 16*		**Q R**		4	Red.	Maintained from Mar. 28 to Dec. 21. LIB; winter marker, Fl R 4s.
	Amherstburg Channel						
6965	*- Lighted Buoy 23*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 1.
6970	*- Lighted Buoy D24* (C)		**Fl R** 4s			Red.	Seasonal.
6975	- Buoy 25					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			DETROIT RIVER				
6980	DETROIT RIVER PIER LIGHT 30D (C)	42 01 36 N 83 08 06 W	**Q R**	33 **10**		White circular with red top. 23	
6985	*- Lighted Buoy 31D* (C)		**Fl G** 4s			Green.	Seasonal.
6990	*- Lighted Buoy 32D* (C)		**Fl R** 4s			Red.	Seasonal.
6995	**Bar Point Pier Light D33** (C)	42 02 24 N 83 08 06 W	**Fl G** 10s	46 **14**	15	White square tower.	Light obscured from 090° to 191°.
7000	BAR POINT RANGE FRONT LIGHT 49D (C)	42 04 12 N 83 07 24 W	**F Y**	27 **8**		Fluorescent orange triangular daymark on white circular tower with green upper portion and black vertical stripe.	Visible on range line only.
7005	BAR POINT RANGE REAR LIGHT 2,500 feet, 013.5° from front light. (C)		**F Y**	58 **18**		Fluorescent orange triangular daymark on white circular tower with green upper portion and black vertical stripe.	Visible on range line only.
7010	*- Lighted Buoy 35D* (C)		**Q G**			Green.	Seasonal.
7015	*- Lighted Buoy 36D* (C)		**Q R**			Red.	Seasonal.
7020	HACKETT REACH RANGE FRONT LIGHT (C)	42 05 48 N 83 06 48 W	**F R**	45 **14**		Orange triangular daymark with black stripes on pile.	Visible on range line only.
7025	HACKETT REACH RANGE REAR LIGHT 994 feet, 014.9° from front light. (C)		**F R**	80 **24**		Orange triangular daymark with black stripes on white skeleton tower.	Visible on range line only.
7030	*- Lighted Buoy 37D* (C)	42 03 06 N 83 07 48 W	**Fl G** 4s			Green.	Seasonal.
7035	*- Lighted Buoy 38D* (C)		**Fl R** 4s			Red.	Seasonal.
7040	*- Lighted Buoy 43D* (C)		**Fl G** 4s			Green.	Seasonal.
7045	*- Lighted Buoy 44D* (C)		**Fl R** 4s			Red.	Seasonal.
7050	*- Lighted Buoy 45D* (C)	42 03 48 N 83 07 30 W	**Fl G** 4s			Green.	Seasonal.
7055	*- Lighted Buoy 46D* (C)	42 03 48 N 83 07 30 W	**Fl R** 4s			Red.	Seasonal.
7060	*- Lighted Buoy 50D* (C)		**Fl R** 4s			Red.	Seasonal.
7070	*- Lighted Buoy 52D* (C)		**Fl R** 4s			Red.	Seasonal.
7075	- LIGHT 53D (C)	42 05 12 N 83 07 06 W	**Fl G** 4s	31 **9**		White circular tower with green top. 23	
7080	*- Lighted Buoy 56D* (C)		**Q R**			Red.	Seasonal.
7085	*- Lighted Buoy 57D* (C)		**Q G**			Green.	Seasonal.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			DETROIT RIVER				
7090	AMHERSTBURG RANGE FRONT LIGHT 65D (C)	42 06 48 N 83 07 06 W	**F Y**	27 **8**		Orange triangular daymark with black stripe on white circular tower with green top.	
7095	AMHERSTBURG RANGE REAR LIGHT 1,138 feet, 355.8° from front light. (C)		**F Y**	40 **12**		Orange inverted triangular daymark with black stripe on skeleton tower.	Visible on range line only.
7100	- *Lighted Buoy 59D* (C)		**Fl G** 4s			Green.	Seasonal.
7105	- *Lighted Buoy 60D* (C)		**Fl R** 4s			Red.	Seasonal.
7110	- LIGHT 61D (C)	42 06 00 N 83 07 06 W	**Fl G** 4s	41 **12**		White circular tower with green top. 24	Visible on range line only.
7115	- *Lighted Buoy 63D* (C)		**Q G**			Green.	Seasonal.
	Limekiln Crossing Reach Channel						
7120	- *Lighted Buoy 64D* (C)		**Q R**			Red.	Seasonal.
7125	LIMEKILN CROSSING RANGE FRONT LIGHT (C)	42 07 42 N 83 06 54 W	**F R**	24 **7**		Orange triangular daymark with black stripe on skeleton tower.	Visible on range line only. Range leads to Fort Malden Range Line.
7130	LIMEKILN CROSSING RANGE REAR LIGHT 1,185 feet, 002.9° from front light. (C)		**F R**	40 **12**		Orange inverted triangular daymark with black stripe on white circular mast.	Visible on range line only.
7135	- *Lighted Buoy 67D* (C)		**Fl G** 4s			Green.	Seasonal.
7140	- *Lighted Buoy 68D* (C)		**Fl R** 4s			Red.	Seasonal.
7145	- LIGHT 69D (C)	42 07 18 N 83 07 00 W	**Q G**	27 **8**		White circular tower with green top.	
	Ballards Reef Channel						
7150	- *Lighted Buoy 72D* (C)		**Q R**			Red.	Seasonal.
7155	FORT MALDEN RANGE FRONT LIGHT Marks Ballards Reef Channel. (C)	42 06 54 N 83 06 42 W	**F R**	45 **14**		Orange triangular daymark with black vertical stripe on white circular tower. 22	Visible on range line only.
7160	FORT MALDEN RANGE REAR LIGHT 383 feet, 162.5° from front light. (C)		**F R**	76 **23**		Orange inverted triangular daymark with black vertical stripe on white skeleton tower. 52	Visible on range line only.
7165	GROSSE ILE SOUTH CHANNEL RANGE FRONT LIGHT	42 11 06 N 83 08 30 W	**F G**	26 **8**		KRW on skeleton tower.	Visible on range line only. Lighted throughout 24 hours.
7170	GROSSE ILE SOUTH CHANNEL RANGE REAR LIGHT 1,495 feet, 342.5° from front light.		**F G**	51 **16**		KRW on skeleton tower.	Visible on range line only. Lighted throughout 24 hours.
7175	- LIGHT 71D (C)	42 07 24 N 83 07 06 W	**Fl G** 4s	33 **10**		White circular tower with green top. 24	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			DETROIT RIVER				
7185	*- Lighted Buoy 74D* (C)		**Fl R** 4s			Red.	Seasonal.
7190	*- Lighted Buoy 76D* (C)		**Fl R** 4s			Red.	Seasonal.
7195	**Livingstone Channel Upper Entrance Light** (C)	42 08 12 N 83 07 18 W	**Al WR** 10s	40 **12**	15	White circular tower mounted on white square crib. 20	Emergency light Fl (2) W 15s. HORN: (two-tone) 1 blast ev 15s (4s bl). Operates year round
7200	**- Light 77D** (C)	42 08 30 N 83 07 30 W	**Fl G** 5s	37 **11**	10	Green stripes on the corners of a white square tower.	
7205	*- Lighted Buoy 78D* (C)		**Fl R** 4s			Red.	Seasonal.
7210	*- Lighted Buoy 81*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 1.
7220	*- Lighted Buoy DFB* (C)	42 09 12 N 83 07 36 W	**Fl (2+1) R** 6s			Red with green band.	Seasonal.
7225	*- Lighted Buoy 85*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 1.
7230	*- Lighted Buoy 86*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Apr. 1.
7235	*- Lighted Buoy 87*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 1.
	Livingstone Channel						
7240	- LIGHT 25		**Fl G** 2.5s	34 **10**	4	SG on cylindrical tower.	
7245	- LIGHT 26		**Fl R** 2.5s	34 **10**	4	TR on cylindrical tower.	
7250	- LIGHT 23		**Iso G** 6s	34 **10**	4	SG on cylindrical tower.	Higher intensity beam up and down channel.
7255	- LIGHT 24		**Iso R** 6s	34 **10**	4	TR on cylindrical tower.	Higher intensity beam up and down channel.
7260	- LIGHT 21		**Fl G** 2.5s	34 **10**	4	SG on cylindrical tower.	
7265	- LIGHT DL22 (C)		**Fl R** 4s	38 **12**	6	White circular tower with red top. 24	
7270	- LIGHT DL20 (C)		**Iso R** 2s 1s fl 1s ec.	34 **10**	6	White circular tower with red top. 21	
7275	- LIGHT 19		**Iso G** 6s	34 **10**	4	SG on cylindrical tower.	Higher intensity beam up and down channel.
7280	- LIGHT DL17 (C)		**Fl G** 4s	34 **10**		White circular tower with green top. 21	Obscured from 010° to 175°.
7285	- LIGHT DL18 (C)		**Fl R** 4s	34 **10**	6	White circular tower with red top. 21	
7290	- LIGHT DL15 (C)		**Iso G** 2s 1s fl 1s ec.	34 **10**		White circular tower with green top. 21	
7295	- LIGHT DL16 (C)		**Iso R** 2s 1s fl 1s ec.	34 **10**	6	White circular tower with red top. 21	
7300	- LIGHT DL13 (C)		**Fl G** 4s	34 **10**		White circular tower with green top. 21	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			DETROIT RIVER				
7305	- LIGHT DL14 (C)		**Fl R** 4s	34 **10**		White circular tower with red top. 21	
7310	- *Lighted Buoy DL6* (C)		**Fl R** 4s			Red.	Seasonal.
7315	- *Lighted Buoy DL5* (C)		**Fl G** 4s			Green.	Seasonal.
7320	- *Lighted Buoy DL1* (C)	42 02 30 N 83 08 12 W	**Fl G** 4s			Green.	Seasonal.
	Detroit River Entrance						
	West Outer Channel						
7325	- Buoy 9					Green can.	
7330	- Buoy 8					Red nun.	
7335	- Buoy 7					Green can.	
7340	- Buoy 6					Red nun.	
7345	- Buoy 5					Green can.	
7350	- Buoy 4					Red nun.	
7355	- Buoy 3					Green can.	
7360	- Buoy 2					Red nun.	
7365	- *Lighted Bell Buoy 1W*		**Fl G** 6s		4	Green.	Replaced by can from Dec. 7 to May 7.
	Point Mouillee						
	Buoys maintained from Apr. 14 to Nov. 14.						
7370	- Access Channel Buoy 1	42 00 12 N 83 08 42 W				Green can.	
7375	- Access Channel Buoy 2					Red nun.	
7380	- Access Channel Buoy 3					Green can.	
7385	- Access Channel Buoy 4					Red nun.	
	Metro Park Marina						
	Buoys maintained from Apr. 1 to Nov. 1.						
7390	*South Huron Valley Outfall West Lighted Buoy*	42 03 09 N 83 09 50 W	**Q W**			White with orange bands and orange diamond worded DANGER OUTFALL.	Maintained from May 1 to Nov. 1. Private aid.
7395	*South Huron Valley Outfall Center Lighted Buoy*	42 03 10 N 83 09 48 W	**Q W**			White with orange bands and orange diamond worded DANGER OUTFALL.	Maintained from May 1 to Nov. 1. Private aid.
7400	*South Huron Valley Outfall East Lighted Buoy*	42 03 09 N 83 09 46 W	**Q W**			White with orange bands and orange diamond worded DANGER OUTFALL.	Maintained from May 1 to Nov. 1. Private aid.
7405	- *Lighted Buoy 1*		**Fl G** 4s			Green.	Private aid.
7410	- *Lighted Buoy 2*		**Fl R** 4s			Red.	Private aid.
7415	- Buoy 3					Green can.	Private aid.
7420	- Buoy 4					Red nun.	Private aid.
7425	- Buoy 5					Green can.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			DETROIT RIVER				
7430	- Buoy 6					Red nun.	Private aid.
7435	- Buoy 7					Green can.	Private aid.
7440	- Buoy 8					Red nun.	Private aid.
7445	- RANGE FRONT LIGHT	42 03 12 N 83 11 36 W	**Fl R** 4s			On pile. 15	Maintained from Apr. 1 to Nov. 1. Private aid.
7450	- RANGE REAR LIGHT 100 yards, 270° from front light.		**F R**			On pile. 30	Maintained from Apr. 1 to Nov. 1. Private aid.
	Hickory Island Channel						
7455	- Buoy 1	42 04 24 N 83 09 42 W				Green can.	
7460	- Buoy 2					Red nun.	
7465	- Buoy 3					Green can.	Maintained from May 14 to Nov. 21.
	Ford Yacht Club						
	Aids maintained from Apr. 15 to Nov. 1.						
7468	- East Basin Entrance Buoy 1	42 05 14 N 83 10 13 W				Green can.	Private aid.
7469	- East Basin Entrance Buoy 2	42 05 14 N 83 10 11 W				Red nun.	Private aid.
7470	- EAST BASIN ENTRANCE LIGHT 3	42 05 20 N 83 10 11 W	**Q G**	6 **2**		On single post.	Private aid.
7475	- EAST BASIN ENTRANCE LIGHT 4	42 05 20 N 83 10 09 W	**Q R**	6 **2**		On single post.	Private aid.
7500	- EAST BASIN RANGE FRONT LIGHT	42 05 24 N 83 10 06 W	**F R**			4 ft light pipe centered on white diamond daymark. 8	Private aid.
7505	- EAST BASIN RANGE REAR LIGHT 85 feet, 015° from front light.		**F R**			4 ft light pipe centered on white diamond daymark.	Private aid.
7530	- WEST BASIN ENTRANCE LIGHT 1	42 05 24 N 83 10 18 W	**Q G**	6 **2**		On single post.	Private aid.
7535	- WEST BASIN ENTRANCE LIGHT 2	42 05 24 N 83 10 18 W	**Q R**	6 **2**		On single post.	Private aid.
7540	- WEST BASIN RANGE FRONT LIGHT	42 05 24 N 83 10 12 W	**F R**			4 ft light pipe centered on white diamond daymark.	Private aid.
7545	- WEST BASIN RANGE REAR LIGHT 240 feet, 027° from front light.		**F R**			4 ft light pipe centered on white diamond daymark.	Private aid.
	Hickory Island Channel						
	Buoys maintained from May 14 to Nov. 21.						
7550	- Buoy 4					Red nun.	
7555	- Buoy 5					Green can.	
7560	- Buoy 7					Green can.	
7565	*- Lighted Buoy 8*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 21 to May 14.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			DETROIT RIVER				
7570	- Buoy 10 Marks shoal.					Red nun.	
7575	GROSSE ILE YACHT CLUB HARBOR SOUTH ENTRANCE LIGHT	42 05 18 N 83 09 00 W	**Fl G** 2s	8 **2**		On black post.	Private aid.
7580	GROSSE ILE YACHT CLUB HARBOR NORTH ENTRANCE LIGHT		**Fl R** 2s	8 **2**		On red post.	Maintained from May 1 to Nov. 1. Private aid.
7585	ELBA-MAR BOAT CLUB RANGE FRONT LIGHT		**F G**	10 **3**		Orange and black diamond daymark.	Maintained from Apr. 1 to Dec. 1. Private aid.
7590	ELBA-MAR BOAT CLUB RANGE REAR LIGHT 250 feet, 306° from front light.		**F G**	18 **5**		Orange and black diamond daymark.	Maintained from Apr. 1 to Dec. 1. Private aid.
7595	Elba-Mar Boat Club Entrance Buoy 1					Green can.	Private aid.
7600	Elba-Mar Boat Club Entrance Buoy 2					Red nun.	Private aid.
7605	- Buoy 12					Red nun.	
7610	- Buoy 13					Green can.	
7615	- Buoy 16					Red nun.	
7620	Powder House Island Junction Buoy					Green and red bands; can.	
7625	- Shoal Buoy					Red and green bands; nun.	
	Powder House Island Channel						
	Buoys maintained from May 14 to Nov. 21.						
7630	- Buoy 1					Green can.	
7635	- Buoy 2					Red nun.	
7640	- Buoy 4					Red nun.	
7645	- Buoy 6					Red nun.	
7650	Stony Island Buoy 8					Red nun.	
	Lake Erie Metropark Boat Launch						
	Buoys maintained from Apr. 1 to Oct. 1.						
7651	*- Lighted Buoy 1*	42 04 42 N 83 11 24 W	**Fl G** 4s			Green.	Private aid.
7651.1	*- Lighted Buoy 2*		**Fl R** 4s			Red.	Private aid.
7651.2	- Buoy 3					Green can.	Private aid.
7651.3	- Buoy 4					Red nun.	Private aid.
7651.4	- Buoy 5					Green can.	Private aid.
7651.5	- Buoy 6					Red nun.	Private aid.
7651.6	- Buoy 7					Green can.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			DETROIT RIVER				
	Gibraltar South Harbor Channel						
	Aids maintained from Apr. 1 to Dec. 1.						
7655	- RANGE FRONT LIGHT		**F R**	7 **2**		On red pile.	Private aid.
7660	- RANGE REAR LIGHT 100 feet, 268° from front light.		**F R**	14 **4**		Red on white diamond daymark.	Private aid.
7665	- LIGHT 1		**F G**	7 **2**		On pile cluster.	Private aid.
7670	- LIGHT 2		**F R**	7 **2**		On pile cluster.	Private aid.
7675	- LIGHT 3		**F G**	7 **2**		On pile cluster.	Private aid.
7680	- LIGHT 4		**F R**	7 **2**		On pile cluster.	Private aid.
7685	- LIGHT 5		**F G**			On pile cluster.	Private aid.
7690	- LIGHT 6		**F R**	7 **2**		On pile cluster.	Private aid.
7695	- LIGHT 7		**F G**	7 **2**		On pile cluster.	Private aid.
7700	- LIGHT 8		**F R**	7 **2**		On pile cluster.	Private aid.
	Celeron Island						
	Aids maintained from May 14 to Nov. 21.						
7701	- Buoy 1					Green can.	
7703	- Buoy 3					Green can.	
	Gilbralter Middle Channel						
	Aids maintained from Apr. 1 to Dec. 1.						
7705	- SOUTH LIGHT		**F G**	7 **2**		On pile cluster.	Private aid.
7710	- NORTH LIGHT		**F R**	7 **2**		On pile cluster.	Private aid.
	Celeron Island						
	Aids maintained from May 14 to Nov. 21.						
7711	- Buoy 4					Red nun.	
7712	- Buoy 5					Green can.	
7713	- Buoy 7					Green can.	
7714	- Buoy 8					Red nun.	
	Gibraltar North Channel						
	Aids maintained from Apr. 1 to Dec. 1.						
7715	- RANGE FRONT LIGHT	42 05 54 N 83 11 12 W	**F R**	7 **2**		Red on white diamond daymark on post.	Private aid.
7720	- RANGE REAR LIGHT 10 feet, 239° from front light.		**F R**	14 **4**		On pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			DETROIT RIVER				
7725	- LIGHT 1		**F G**	7 **2**		On pile cluster.	Private aid.
7730	- LIGHT 2		**F R**	7 **2**		On pile cluster.	Private aid.
	Fighting Island Channel						
7735	- SOUTH LIGHT	42 10 24 N 83 08 06 W	**Iso R** 6s	35 **11**	6	TR on post.	
7740	*Mamajuda Shoal Junction Lighted Buoy*	42 10 54 N 83 08 12 W	**Fl (2+1) G** 6s		4	Green and red bands.	Replaced by can from Dec. 21 to Apr. 1
7745	- Buoy 88 Marks shoal.					Red nun.	
7755	*- Lighted Buoy 89*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 1.
7760	*- Lighted Buoy 90*		**Fl R** 4s		4	Red.	Maintained from Apr. 1 to Dec. 21.
7765	*- Lighted Buoy 91*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 1.
7770	*- Lighted Buoy 92*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Apr. 1.
7775	- Buoy 93					Green can.	
7780	- Buoy 94					Red nun.	
7785	GRASSY ISLAND LIGHT	42 13 24 N 83 08 00 W	**Fl G** 4s	20 **6**	5	SG on cylindrical tower with 6 foot green band.	Higher intensity beam up and down stream.
7790	- Buoy 96					Red nun.	
7805	*- Lighted Buoy 97*		**Fl G** 4s		4	Green.	Maintained from Apr. 1 to Dec. 21.
7810	- Buoy 98 Marks shoal.					Red nun.	
7815	- NORTH LIGHT (C)		**Iso R** 4s	27 **8**	7	White circular tower with red upper portion. 22	
7820	Grosse Ile Basin Buoy 1					Green can.	
7825	Grosse Ile Basin Buoy 3					Green can.	
7830	Grosse Ile Basin Buoy 5					Green can.	
	Wyandotte Channel						
7835	- South Entrance Buoy 2	42 11 06 N 83 08 24 W				Red nun.	
7840	*- Lighted Buoy 3*		**Q G**		4	Green.	Replaced by can from Dec. 14 to Apr. 1.
7845	- Buoy 4					Red nun.	
7850	- Buoy 6					Red nun.	
7855	*- Lighted Buoy 7*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 1.
7860	- Buoy 9					Green can.	
7865	*Grosse Ile Spit Junction Lighted Buoy* Marks shoal.		**Fl (2+1) G** 6s		4	Green and red bands.	Replaced by can from Dec. 21 to Mar. 21.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			DETROIT RIVER				
7870	- Buoy 12					Red nun.	
7875	- Buoy 14					Red nun.	
7880	*- Lighted Buoy 16*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Mar. 21.
7885	*- Lighted Buoy 18*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Mar. 21.
7890	*- Lighted Buoy 20*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Mar. 21.
7895	*Mud Island Junction Lighted Buoy*		**Fl (2+1) G** 6s		4	Green and red bands.	Replaced by can from Dec. 14 to Mar. 21.
7900	- Buoy 21					Green can.	
7905	*- Lighted Buoy 22*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Mar. 21.
7910	- Buoy 23					Green can.	
7915	- Buoy 24					Red nun.	
7920	*- Lighted Buoy 25*		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 1 to Mar. 21.
7925	*- North Junction Lighted Buoy*	42 14 24 N 83 08 00 W	**Fl (2+1) R** 6s		4	Red and green bands.	Replaced by nun from Dec. 1 to Mar. 21.
	Trenton Channel						
7945	*- Lighted Buoy 1*	42 07 24 N 83 10 36 W	**Q G**		4	Green.	Replaced by can from Dec. 21 to Mar. 21.
7950	- Buoy 2					Red nun.	
7955	- Buoy 3					Green can.	
7960	- Buoy 4					Red nun.	
7965	*- Lighted Buoy 5*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Mar. 28.
7970	- Buoy 6					Red nun.	
7975	- Buoy 7					Green can.	
7980	*- Lighted Buoy 9*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Mar. 28.
7985	*- Lighted Buoy 10*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Mar. 28.
7990	- Buoy 11					Green can.	
7995	- Buoy 12					Red nun.	
8000	*- Lighted Buoy 13*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Mar. 28.
8005	*- Lighted Buoy 14*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Mar. 28.
8010	- Buoy 15					Green can.	
8015	- Buoy 16					Red nun.	
8020	- Buoy 16A					Red nun.	
8025	- Buoy 17					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			DETROIT RIVER				
8030	*- Lighted Buoy 18*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Mar. 28.
8035	*- Lighted Buoy 19*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Mar. 28.
8040	- Buoy 20					Red nun.	
8045	- Buoy 21					Green can.	
8050	- Buoy 22					Red nun.	
8055	*- Lighted Buoy 23*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Mar. 28.
8060	*- Lighted Buoy 24*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Mar. 28.
8065	*- Lighted Buoy 25*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Mar. 28.
8070	- Buoy 26					Red nun.	
8075	*- Lighted Buoy 28*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Mar. 28.
8080	*- Lighted Buoy 29*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Mar. 28.
8085	*- Lighted Buoy 30*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Mar. 28.
	Ecorse Channel						
8090	- Buoy 2					Red nun.	
8095	- Buoy 4					Red nun.	
8100	- Buoy 5					Green can.	
8105	- Buoy 6					Red nun.	
8110	*- Lighted Buoy 7*		**Fl G** 4s		4	Green.	Maintained from Apr. 1 to Dec. 7.
	Above Fighting Island						
8115	*Fighting Island North Lighted Buoy 104D* (C)	42 15 00 N 83 07 00 W	**Fl R** 4s			Red.	Spar; winter marker. Seasonal.
8120	*Fighting Island Anchorage Lighted Buoy DQ* (C)	42 15 06 N 83 06 54 W	**Fl Y** 4s			Yellow.	Seasonal.
8125	FIGHTING ISLAND NORTH ANCHORAGE LIGHT (C)	42 15 42 N 83 06 18 W	**Fl Y** 4s	35 **11**		SY with black anchor on yellow circular tower.	Visible all around. Seasonal.
8130	GREAT LAKES STEEL BOAT CLUB SOUTH LIGHT Marks entrance to marina.		**F G**			On post.	Private aid.
8135	GREAT LAKES STEEL BOAT CLUB NORTH LIGHT Marks entrance to marina.		**F R**			On post.	Private aid.
8140	*Great Lakes Steel Shoal Lighted Buoy 1*	42 15 48 N 83 06 54 W	**Q G**			Green.	CAUTION: Mariners should not pass between the buoy and the American shore. Maintained from Apr. 1 to Nov. 1. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			DETROIT RIVER				
8145	*Great Lakes Steel Shoal Lighted Buoy 3*		**Q G**			Green.	CAUTION: Mariners should not pass between the buoy and the American shore. Maintained from Apr. 1 to Nov. 1. Private aid.
8150	DETROIT EDISON CELL LIGHT SOUTH	42 16 24 N 83 06 36 W	**Q W**	20 **6**		On pile.	Private aid.
8155	DETROIT EDISON CELL LIGHT NORTH	42 16 30 N 83 06 36 W	**Q W**	20 **6**		On pile.	Private aid.
8160	*Rouge River Canal Entrance Lighted Buoy 2*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to Apr. 1.
8165	DETROIT LIME COMPANY LIGHT	42 17 42 N 83 09 00 W	**Q W**	13 **4**		On pile cluster.	Private aid.
8170	*Detroit River Lighted Buoy D108* (C)	42 18 48 N 83 04 06 W	**Fl R** 4s			Red.	Seasonal.
	Riverfront						
	Lights maintained from Apr. 1 to Dec. 1.						
8175	- SOUTH ENTRANCE LIGHT 1	42 19 18 N 83 03 18 W	**Fl G** 2s	16 **5**		On cellular pile.	Private aid.
8180	- SOUTH ENTRANCE LIGHT 2	42 19 24 N 83 03 18 W	**Fl R** 2s	16 **5**		On cellular pile.	Private aid.
8185	- NORTH ENTRANCE LIGHT 1	42 19 24 N 83 03 12 W	**Fl G** 2s	16 **5**		On cellular pile.	Private aid.
8190	- NORTH ENTRANCE LIGHT 2	42 19 24 N 83 03 06 W	**Fl R** 2s	16 **5**		On cellular pile.	Private aid.
	Above Fighting Island						
8195	Third Street Junction Buoy					Green and red bands; can.	
8200	Griswold Street Junction Buoy					Green and red bands; can.	
8205	*Belle Isle Lower Junction Lighted Buoy*		**Fl (2+1) G** 6s		4	Green and red bands.	Replaced by can from Dec. 21 to Apr. 1.
	Fleming Channel						
8210	BELLE ISLE LIGHT	42 20 24 N 82 57 36 W	**F G**	30 **9**	7	On pile. 20	
8215	*- Lighted Buoy D110* (C)	42 20 30 N 82 57 06 W	**Fl R** 4s			Red.	Seasonal.
8220	*Livingstone Memorial Lighted Buoy 111*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 1.
8225	*- Lighted Buoy DPB* of shoal. (C)		**Fl (2+1) R** 6s			Red with green band.	Spar; winter marker. Seasonal.
8230	*Belle Isle Upper Junction Lighted Buoy*		**Fl (2+1) G** 6s		4	Green and red bands.	Maintained from Apr. 1 to Dec. 21.
8235	PECHE ISLAND LIGHT	42 20 54 N 82 56 30 W	**Fl R** 4s	44 **13**	7	TR on cylindrical tower.	Higher intensity beam up and down stream.
8240	**William Livingstone Memorial Light**	42 20 48 N 82 57 18 W	**Oc W** 4s	58 **18**	15	Pyramidal monumental structure.	Lighted throughout 24 hours.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			DETROIT RIVER				
8245	*Belle Isle North Lighted Buoy 113*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 1.
8250	*Starboard Lagoon Obstruction Lighted Buoy* Marks submerged barge.		**Q W**			White with orange bands and diamond.	Maintained from Apr. 1 to Nov. 1. Private aid.
8255	*Peche Island Lighted Buoy 114*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Apr. 1.
8260	**Windmill Point Light**	42 21 30 N 82 55 48 W	**Iso W** 6s	42 **13**	14	Tower.	
8265	WINDMILL POINT PARK BREAKWATER OUTER LIGHT		**Q W**			On pile.	Length to breakwater is marked by 13 equally spaced fixed red lights. Private aid.
8270	WINDMILL POINT PARK BREAKWATER INNER LIGHT		**Q W**			On pile.	Private aid.
	Belle Isle North Channel						
	Scott Middle Ground						
	Buoys maintained from Apr. 1 to Nov. 14.						
8280	- Lower Junction Buoy					Red and green bands; nun.	Maintained year round.
8285	- North Channel Buoy 2					Red nun.	Maintained year round.
8290	- North Channel Buoy 4					Red nun.	
8295	- North Channel Buoy 6					Red nun.	
8300	- North Channel Buoy 8					Red nun.	
8305	DETROIT BOAT CLUB LIGHT	42 20 30 N 82 59 06 W	**F R**	15 **5**		On pile.	Private aid.
8310	- South Channel Buoy 1					Green can.	
8315	- South Channel Buoy 3					Green can.	
8320	- South Channel Buoy 5					Green can.	
8325	- Upper Junction Buoy					Red and green bands; nun.	
	Belle Isle North Channel						
8330	MEMORIAL PARK MARINA WEST ENTRANCE LIGHTS (2)	42 21 00 N 82 59 00 W	**F G**	18 **5**		On piles.	Private aids.
8335	MEMORIAL PARK MARINA EAST ENTRANCE LIGHTS (2)		**F R**	18 **5**		On piles.	Private aids.
8340	MEMORIAL PARK MARINA LIGHTS (6) Marks cable string between pilings.		**F R**	18 **5**		On piles.	Private aids.
8341	PORTERFIELD RAMP LIGHT		**F R**	8 **2**		On pile.	Maintained from Apr. 1 to Nov. 30. Private aid.
8342	PORTERFIELD MARINA ENTRANCE LIGHT 1		**F G**	8 **2**		SG on pile.	Maintained from Apr. 1 to Nov. 30. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			DETROIT RIVER				
8343	PORTERFIELD MARINA ENTRANCE LIGHT 2		**F R**	8 **2**		TR on pile.	Maintained from Apr. 1 to Nov. 30. Private aid.
8345	Intake Pipe Buoy 1					Green can.	Maintained from Apr. 1 to Nov. 14.
8350	WATERWORKS INTAKE CRIB LIGHT	42 21 06 N 82 58 00 W	**Fl W** 5s	40 **12**		Gray stone tower on pier.	Private aid.
8355	*Detroit Edison Lighted Buoy 1A*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to Apr. 1.
8360	DETROIT EDISON BOAT CLUB ENTRANCE LIGHT 2	42 21 18 N 82 57 24 W	**F R**			TR on post.	Maintained from Apr. 1 to Oct. 1. Private aid.
8365	DETROIT EDISON BOAT CLUB ENTRANCE LIGHT 3		**F G**			SG on post.	Maintained from Apr. 1 to Oct. 1. Private aid.
8370	WATERWORKS INTAKE LAGOON LIGHT	42 21 00 N 82 57 18 W	**Fl R** 6s	22 **7**		Red post on small house on concrete pier.	Private aid.
8375	Detroit Edison Buoy 3					Green can.	
8380	*- Lighted Buoy 2*		**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 7 to Apr. 1.
8385	- Buoy 4					Red nun.	
8390	*- Lighted Buoy 5*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to Apr. 1.
8395	- Buoy 6					Red nun.	
8396	Grayhaven Canal Entrance Buoy 2	42 21 18 N 82 56 48 W				Red nun.	Maintained May 15 to Oct 31. Private aid.

Section 7

Lake St. Clair

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ST. CLAIR				
	LAKE ST. CLAIR (Charts 14850, 14853)						
	Lake St. Clair						
	Lighted buoys maintained from Mar. 28 to Dec. 21.						
8400	PECHE ISLAND RANGE FRONT LIGHT	42 21 36 N 82 54 24 W	**F W**	35 **11**		KRW on skeleton tower on round conical foundation.	Visible on range line only. RACON: G (**– – •**)
8405	PECHE ISLAND RANGE FRONT PASSING LIGHT		**F W**	31 **9**	6	On same structure as Peche Island Range Front Light.	
8410	PECHE ISLAND RANGE REAR LIGHT 3,700 feet, 227.8° from front light.		**F W**	115 **35**		KRW on skeleton tower on white conical tower.	Visible on range line only.
8415	- LIGHT 1		**Q G**	37 **11**	6	SG on post.	
8420	- *Lighted Buoy 2*		**Fl R** 4s		7	Red.	Replaced by nun from Dec. 21 to Mar. 28.
8425	- Buoy 3					Green can.	
8430	- Buoy 4					Red nun.	
8435	- Buoy 5					Green can.	
8440	- Buoy 6					Red nun.	
8445	- *Lighted Buoy 7*	42 23 19 N 82 52 00 W	**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Mar. 28.
8450	- *Lighted Buoy 8*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Mar. 28.
8455	- Buoy 9					Green can.	
8460	- Buoy 10					Red nun.	
8465	- Buoy 11					Green can.	
8470	- Buoy 12					Red nun.	
8475	- *Lighted Buoy 13*		**Fl G** 4s		4	Green.	
8480	- LIGHT 14		**Fl R** 4s	30 **9**	5	TR on post on concrete structure.	
8485	- Buoy 15					Green can.	
8490	- Buoy 16					Red nun.	
8495	- *Lighted Buoy 17*		**Fl G** 4s		4	Green.	
8500	- *Lighted Buoy 18*		**Fl R** 4s		4	Red.	
8505	- Buoy 19					Green can.	
8510	- Buoy 20					Red nun.	
8515	- *Lighted Buoy 21*		**Fl G** 4s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ST. CLAIR				
8520	*- Lighted Buoy 22*		**Fl R** 4s		4	Red.	
8525	- LIGHT	42 27 54 N 82 45 18 W	**Iso G** 6s	52 **16**	6	White square tower on cylindrical base.	RACON: N (**–** •). Higher intensity beam upstream.
8530	*- Lighted Buoy 24*		**Fl R** 2.5s		4	Red.	
8535	ST. CLAIR FLATS CANAL RANGE FRONT LIGHT	42 33 00 N 82 39 06 W	**F G**	44 **13**		White daymark on skeleton tower. 36	Visible on range line only. Lighted throughout 24 hours.
8540	ST. CLAIR FLATS CANAL RANGE REAR LIGHT 4,000 feet, 041° from front light.		**F G**	108 **33**		White daymark on pyramidal tower visible above foliage.	Visible on range line only. Lighted throughout 24 hours.
8545	*- Lighted Buoy 25*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Mar. 28.
8550	*- Lighted Buoy 26*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Mar. 28.
8555	*- Lighted Buoy 27*		**Fl G** 4s		4	Green.	
8560	*- Lighted Buoy 28*		**Fl R** 4s		4	Red.	
8565	*- Lighted Buoy 29*		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 21 to Mar. 28.
8570	*- Lighted Buoy 30*		**Fl R** 4s		4	Red.	LIB; Winter marker, Fl R 4s.
8575	- Buoy 31					Green RAREF.	Replaced by can from Dec. 21 to Mar. 28. Ra ref.
8580	SQUIRREL ISLAND RANGE FRONT LIGHT (C)	42 33 12 N 82 35 00 W	**Iso Y** 2s 1s fl 1s ec	30 **9**		Orange triangular daymark with black vertical stripe on white square skeleton tower.	Visible on range line only.
8585	SQUIRREL ISLAND RANGE REAR LIGHT 3,506 feet, 064.3° from front light. (C)		**F Y**	84 **26**		Orange inverted triangular daymark with black vertical stripe on white square skeleton tower. 80	Visible in line of range.
	St. Clair Cut-Off Channel						
8590	*- Preferred Channel Lighted Buoy*	42 31 00 N 82 41 24 W	**Fl (2+1) G** 6s		4	Green and red bands.	Replaced by can from Dec. 21 to Mar. 28..
8595	- PIER LIGHT X32/2 190 feet outside channel limit. (C)	42 30 54 N 82 41 06 W	**Fl R** 4s	24 **7**		White circular tower with red top.	
8600	*- Pier Lighted Buoy X32* (C)		**Q R**			Red.	Seasonal.
8605	- PIER LIGHT X35 190 feet outside channel limit. (C)		**Fl G** 4s	33 **10**		White circular tower with green top. 21	
8610	- PIER LIGHT X36 190 feet outside channel limit. (C)		**Fl R** 4s	26 **8**		White square tower with red stripes on corners.	
8615	- PIER LIGHT X39 (C)		**Fl G** 4s	29 **9**		White square tower with green top.	
8620	- PIER LIGHT X40 190 feet outside channel limit. (C)		**Fl R** 4s	26 **8**		White square tower with red stripes on corners.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ST. CLAIR				
8625	- PIER LIGHT X43 (C)	42 32 24 N 82 37 30 W	**Fl G** 4s	24 **7**		White square tower with green top.	
8630	- PIER LIGHT X44 190 feet outside channel limit. (C)	42 32 12 N 82 37 24 W	**Fl R** 4s	24 **7**		White square tower with red stripes on corners. 17	
8635	- PIER LIGHT X47 (C)	42 32 48 N 82 36 18 W	**Fl G** 4s	29 **9**		White square tower with green top.	
8640	- PIER LIGHT X48 190 feet outside channel limit. (C)	42 32 42 N 82 36 12 W	**Fl R** 4s	24 **7**		White square tower with red stripes on corners.	
8645	HARSENS ISLAND LIGHT 11		**Fl G** 4s	26 **8**	4	SG on white cylindrical tower.	
8650	*- Lighted Buoy X50* (C)	42 32 54 N 82 35 30 W	**Fl R** 4s			Red.	
8655	*- Lighted Buoy 13*		**Fl G** 2.5s		4	Green.	Maintained from Apr. 7 to Dec. 21.
8660	*- Lighted Buoy A14* (C)	42 33 06 N 82 35 12 W	**Fl R** 4s			Red.	Seasonal.
	Lake St. Clair						
	Grosse Point						
8665	- MUNICIPAL PIER NORTHEAST LIGHT	42 23 00 N 82 54 00 W	**F G**	20 **6**		On post standard.	Maintained from Apr. 1 to Dec. 1. Private aid.
8670	- MUNICIPAL PIER SOUTHWEST LIGHT		**F G**	24 **7**		On post standard.	Maintained from Apr. 1 to Dec. 1. Private aid.
8675	- MUNICIPAL PIER SOUTH BASIN ENTRANCE LIGHT 1		**F G**	10 **3**		On post standard.	Maintained from Apr. 1 to Dec. 1. Private aid.
8680	- MUNICIPAL PIER SOUTH BASIN ENTRANCE LIGHT 2		**F R**	10 **3**		On post standard.	Maintained from Apr. 1 to Dec. 1. Private aid.
8685	- MUNICIPAL PIER NORTH BASIN ENTRANCE LIGHT 1		**F G**	10 **3**		On post standard.	Maintained from Apr. 1 to Dec. 1. Private aid.
8690	- MUNICIPAL PIER NORTH BASIN ENTRANCE LIGHT 2		**F R**	10 **3**		On post standard.	Maintained from Apr. 1 to Dec. 1. Private aid.
8695	- CLUB HARBOR ENTRANCE WEST LIGHT		**F G**	10 **3**		On post.	Private aid.
8700	- CLUB HARBOR ENTRANCE EAST LIGHT		**F R**	10 **3**		On post.	Private aid.
8705	- CLUB DOCK SOUTH LIGHT	42 23 00 N 82 53 48 W	**F G**	15 **5**		On post.	Private aid.
8710	- CLUB DOCK NORTH LIGHT		**F G**	15 **5**		On post.	Private aid.
	Crescent Sail Yacht Club						
8715	- LIGHT	42 24 06 N 82 53 06 W	**F G**	58 **18**		On tower.	Private aid.
8720	- SMALL (SOUTH) HARBOR LIGHT		**F G**	8 **2**		SG on green pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ST. CLAIR				
8725	- WEST LIGHT		**F G**	10 **3**		SG on pile.	Private aid.
8730	- EAST LIGHT		**F R**	9 **3**		TR on pile.	Private aid.
8735	- BREAKWATER SOUTH LIGHT		**Q W**	25 **8**		NW on white pile cluster.	Visible 180° through 020°. Private aid.
8740	- BREAKWATER NORTH LIGHT		**Q W**	25 **8**		NW on white pile cluster.	Visible 195° through 030°. Private aid.
	Grosse Point						
8745	MUNICIPAL PIER SOUTH BASIN LIGHT	42 24 18 N 82 53 00 W	**F R**	10 **3**		TR on post.	Maintained from Apr. 1 to Dec. 1. Private aid.
8750	- FARMS LIGHT 2		**F R**	15 **5**		TR on post.	Maintained from Apr. 1 to Dec. 1. Private aid.
8752	- FARMS LIGHT 3		**F G**	6 **2**		SG on post.	Maintained from Apr. 1 to Dec. 1. Private aid.
8755	- YACHT CLUB LIGHT		**Fl G** 2.5s	65 **20**		Square skeleton tower with building attached.	Private aid.
8760	- YACHT CLUB OUTER BREAKWATER LIGHT B		**F R**	8 **2**			Private aid.
8765	- YACHT CLUB OUTER BREAKWATER LIGHT C		**F R**	8 **2**		On pile.	Private aid.
8770	- YACHT CLUB OUTER BREAKWATER LIGHT D		**F G**	8 **2**			Private aid.
8775	- YACHT CLUB OUTER BREAKWATER LIGHT E		**F R**	8 **2**		On pile.	Private aid.
8780	- YACHT CLUB OUTER BREAKWATER LIGHT F		**F R**	8 **2**			Private aid.
	Milk River Channel						
	Buoys maintained from May 1 to Nov. 1						
8785	- DRAIN LIGHT 1	42 27 36 N 82 52 18 W	**Fl W** 4s	8 **2**		Black.	Maintained from Apr. 20 to Nov. 20. Private aid.
8790	*- Lighted Buoy 1*	42 27 36 N 82 52 18 W	**Q G**			Green.	Private aid.
8795	*- Lighted Buoy 2*		**Q R**			Red.	Private aid.
8800	- Buoy 3					Green can.	Private aid.
8805	- Buoy 4					Red nun.	Private aid.
8810	- Buoy 5					Green can.	Private aid.
8815	- Buoy 6					Red nun.	Private aid.
8820	- Buoy 7					Green can.	Private aid.
8825	- Buoy 8					Red nun.	Private aid.
	LAKE ST. CLAIR (Charts 14850, 14853)						
8850	*Gaukler Shoal Lighted Buoy 1*		**Fl G** 4s		4	Green.	Maintained from Apr. 21 to Nov. 14.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ST. CLAIR				
8855	*Gaukler Shoal Junction Lighted Buoy*	42 28 30 N 82 51 30 W	**Fl (2+1) G** 6s		4	Green and red bands.	Maintained from Apr. 21 to Nov. 14.
8875	MILLER MEMORIAL LIGHT	42 27 48 N 82 52 48 W	**Al WR** 10s 0.2s W fl 4.8s ec. 0.2s R fl 4.8s ec.	260 **79**			Maintained from Apr. 15 to Dec. 1. Private aid.
8880	St. Claire Shores Breakwater Daybeacon 1					SG on pile.	
8885	ST. CLAIR SHORES BREAKWATER LIGHT 2	42 28 24 N 82 52 42 W	**Fl R** 4s	16 **5**	4	TR on pile.	
8890	MARTIN DRAIN OUTER LIGHT	42 28 54 N 82 52 48 W	**F W**	12 **4**		NW on post.	Maintained from Mar. 15 to Dec. 15. Private aid.
8895	Newport Beach Daybeacon 1	42 29 12 N 82 53 00 W				SG on pile.	Private aid.
8900	Newport Beach Daybeacon 2					TR on pile.	Private aid.
	St. Clair Municipal Park Entrance						
	Buoys maintained from Apr. 1 to Nov. 1.						
8905	- Buoy 1	42 29 42 N 82 52 42 W				Green can.	Private aid.
8910	- Buoy 2					Red nun.	Private aid.
8915	- Buoy 3					Green can.	Private aid.
8920	- Buoy 4					Red nun.	Private aid.
8925	*Point Huron Lighted Buoy 1PH*	42 33 12 N 82 44 54 W	**Fl G** 2.5s		4	Green.	Maintained from Apr. 14 to Nov. 14.
	Black Creek						
8930	- RANGE FRONT LIGHT		**Fl G** 4s	15 **5**		White diamond daymark. 20	Maintained from Apr. 1 to Nov. 1. Private aid.
8935	- RANGE REAR LIGHT 336 feet, 297.3° from front light.		**F G**	18 **5**		White diamond daymark. 40	Maintained from Apr. 1 to Nov. 1. Private aid.
8940	*- Lighted Buoy 1*		**Fl G** 4s			Green.	Maintained from Apr. 1 to Nov. 1. Private aid.
8945	*- Lighted Buoy 2*		**Fl R** 4s			Red.	Maintained from Apr. 1 to Nov. 1. Private aid.
8950	- Buoy 3					Green can.	Maintained from Apr. 1 to Nov. 1. Private aid.
8955	- Buoy 4					Red nun.	Maintained from Apr. 1 to Nov. 1. Private aid.
8960	- Buoy 5					Green can.	Maintained from Apr. 1 to Nov. 1. Private aid.
8965	- Buoy 6					Red nun.	Maintained from Apr. 1 to Nov. 1. Private aid.
8970	HURON POINTE YACHT CLUB BREAKWALL LIGHT	42 35 36 N 82 46 54 W	**Q R**	15 **5**		On post.	Maintained from Apr. 1 to Nov. 1. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ST. CLAIR				
	Harbor Club North Entrance						
	Buoys maintained from Apr. 1 to Nov. 30.						
8971	*- Lighted Buoy 1*	42 34 05 N 82 49 23 W	**Fl G** 2s			Green.	Private aid.
8971.5	*- Lighted Buoy 2*	42 34 05 N 82 49 20 W	**Fl R** 2s			Red.	Private aid.
8972	- Buoy 3					Green can.	Private aid.
8972.5	- Buoy 4					Red nun.	Private aid.
8973	- Buoy 5					Green can.	Private aid.
8973.5	- Buoy 6					Red nun.	Private aid.
	Clinton River						
	Buoys maintained from Apr. 21 to Nov. 1.						
8975	*- Entrance Lighted Buoy CR*	42 35 36 N 82 44 42 W	**Mo (A) W**		4	Red and white stripes.	
8980	*- Entrance Lighted Buoy 1*		**Fl G** 4s		4	Green.	
8985	*- Entrance Lighted Buoy 2*		**Fl R** 4s		4	Red.	
8990	- Entrance Buoy 3					Green can.	
8995	- Entrance Buoy 4					Red nun.	
9000	- Entrance Buoy 5					Green can.	
9005	- Entrance Buoy 6					Red nun.	
9010	- Entrance Buoy 8					Red nun.	
9015	- NORTH BREAKWATER LIGHT		**Fl R** 2.5s	26 **8**	4	TR on post.	
9020	- SOUTH BREAKWATER LIGHT		**Fl G** 4s	35 **11**	5	SG on green and white cylindrical tower.	
9025	- Buoy 10					Red nun.	
9030	Macomb County Sherrif Lookout Tower	42 35 30 N 82 46 18 W	**Fl Y** 4s	46 **14**		Lookout tower.	Private aid.
9035	- INNER LIGHT		**Fl R** 4s	25 **8**	5	TR on post.	
	Island Cove Marina						
	Buoys maintained from Apr. 1 to Nov. 25.						
9038	- Shoal Buoy A	42 36 06 N 82 46 54 W				White with orange bands and diamond; can.	Private aid.
9039	- Shoal Buoy B					White with orange bands and diamond; can.	Private aid.
9040	*- Entrance Lighted Buoy 1*	42 35 54 N 82 47 18 W	**Fl G** 2.5s			Green.	Private aid.
9045	*- Entrance Lighted Buoy 2*		**Fl R** 2.5s			Red.	Private aid.
9050	*- Entrance Lighted Buoy 3*		**Fl G** 2.5s			Green.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ST. CLAIR				
9055	*- Entrance Lighted Buoy 4*		**Fl R** 2.5s			Red.	Private aid.
9060	*- Entrance Lighted Buoy 5*		**Fl G** 2.5s			Green.	Private aid.
9065	*- Entrance Lighted Buoy 6*		**Fl R** 2.5s			Red.	Private aid.
	Belle Maer Marina						
	Aids to navigation maintained from May 1 to Nov. 1.						
9070	- RANGE FRONT LIGHT	42 36 06 N 82 47 42 W	**F G**			White diamond shaped daymark with red and black in center on post. 10	Private aid.
9075	- RANGE REAR LIGHT 450 feet, 203.5° from front light.		**F G**			White diamond shaped daymark with red and black in center on post. 10	Private aid.
9080	*- Lighted Buoy 1*	42 36 30 N 82 47 30 W	**Fl G** 4s			Green.	Private aid.
9085	*- Lighted Buoy 2*		**Fl R** 4s			Red.	Private aid.
9090	- Buoy 3					Green can.	Private aid.
9095	- Buoy 4					Red nun.	Private aid.
	Macray East Harbor Entrance						
	Buoys maintained from Apr. 15 to Nov. 15.						
9100	*- Lighted Buoy 1*	42 36 30 N 82 47 54 W	**Fl G** 2.5s			Green.	Private aid.
9105	- Buoy 2					Red nun.	Private aid.
9110	- Buoy 3					Green can.	Private aid.
9115	- Buoy 4					Red nun.	Private aid.
	Macray West Harbor Entrance						
	Buoys maintained from Apr. 15 to Nov. 15.						
9120	*- Lighted Buoy 1*	42 36 36 N 82 47 06 W	**Fl G** 4s			Green.	Private aid.
9125	- Buoy 2					Red nun.	Private aid.
9130	- Buoy 3					Green can.	Private aid.
9135	- Buoy 4					Red nun.	Private aid.
	Selfridge Field						
9140	- SOUTHEAST BREAKWATER LIGHT	42 36 36 N 82 48 48 W	**Fl Y** 6s	11 **3**	5	On post.	
9150	- NORTHWEST BREAKWATER LIGHT	42 36 42 N 82 48 54 W	**Fl Y** 6s	11 **3**	5	On post.	
	Selfridge Launch Facility						
9165	- Buoy 1					Green can.	Private aid.
9170	- Buoy 2					Red cylinders.	Private aid.
9175	- Buoy 3					Green can.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ST. CLAIR				
9180	- Buoy 4					Red cylinders.	Private aid.
9185	- Buoy 5					Green can.	Private aid.
9190	- Buoy 6					Red cylinders.	Private aid.
9195	- ENTRANCE LIGHT 2		**Fl R** 4s	29 **9**		On breakwall.	Maintained from May 1 to Nov. 1. Private aid.
9200	SALT RIVER RANGE FRONT LIGHT	42 39 18 N 82 47 06 W	**F G**			White daymark with orange diamond on pile. 16	Maintained from Jun. 15 to Nov. 15. Private aid.
9205	SALT RIVER RANGE REAR LIGHT 295 feet, 018° from front light.		**F G**			White daymark with orange diamond on pile. 26	Maintained from Jun. 15 to Nov. 15. Private aid.
	Bouvier Bridge Marina Channel						
	Channel marked by 18 lighted and unlighted buoys maintained from Apr. 15 to Nov. 1.						
9259	*- Lighted Buoy 1*		**Fl G** 2.5s			Green.	Private aid.
9260	*- Lighted Buoy 2*	42 40 12 N 82 38 06 W	**Fl R** 2.5s			Red.	Private aid.
9265	*Fair Haven Entrance Lighted Buoy 1FH*	42 40 06 N 82 38 30 W	**Fl G** 4s		4	Green.	Maintained from Apr. 14 to Nov. 1.
9295	CHATEAU MARINA LIGHT 1	42 41 12 N 82 42 18 W	**F G**	8 **2**		SG on pile.	Maintained from Apr. 1 to Nov. 1. Private aid.
9300	CHATEAU MARINA LIGHT 2		**F R**	8 **2**		TR on pile.	Maintained from Apr. 1 to Nov. 1. Private aid.
	ST. CLAIR RIVER (Chart 14852)						
	North Channel Entrance						
	Position of unlighted buoys frequently shifted with changing conditions. Buoys maintained from Apr. 21 to Nov. 1.						
9305	*- Lighted Buoy 2NC*	42 37 30 N 82 43 06 W	**Fl R** 4s		4	Red.	Nun; winter marker.
9310	- Buoy 3					Green can.	
9320	- Buoy 5					Green can.	
9325	- Buoy 6					Red nun.	
9327	- Buoy 6A					Red nun.	
9330	- Buoy 7					Green can.	
9335	- Buoy 8					Red nun.	
9340	- Buoy 9					Green can.	
9345	- Buoy 10					Red nun.	
9347	- Buoy 11					Green can.	
9350	- Buoy 12					Red nun.	
9355	*- Lighted Buoy 13*		**Fl G** 4s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ST. CLAIR				
	North Channel						
	Buoys maintained from Apr. 21 to Nov. 1.						
9360	- Buoy 14					Red nun.	
9365	- Buoy 15					Green can.	
9370	- Buoy 17					Green can.	
9375	- Buoy 18					Red nun.	
9380	- Buoy 19					Green can.	
9385	*- Lighted Buoy 20*		**Fl R** 4s		4	Red.	
9387	- Buoy 22					Red nun.	
9390	BELVIDERE BOAT CLUB LIGHT	42 38 00 N 82 39 30 W	**F R**	16 **5**		Small house with red and white stripes.	Maintained from May 15 to Nov. 1. Private aid.
9395	NORTH CHANNEL YACHT CLUB LIGHT 1	42 37 42 N 82 38 54 W	**F G**	7 **2**		On pile.	Maintained from Apr. 1 to Nov. 1. Private aid.
9400	NORTH CHANNEL YACHT CLUB LIGHT 2	42 37 42 N 82 38 54 W	**F R**	7 **2**		On pile.	Maintained from Apr. 1 to Nov. 1. Private aid.
	Sassy Marine						
	Aids maintained from Apr. 1 to Nov. 1.						
9405	- WEST ENTRANCE LIGHT 1		**F G**	6 **2**		On pile.	Private aid.
9410	- WEST ENTRANCE LIGHT 2		**F R**	8 **2**		On pile.	Private aid.
9415	- EAST ENTRANCE LIGHT 1		**F G**	8 **2**		On pile.	Private aid.
9420	- EAST ENTRANCE LIGHT 2		**F R**	7 **2**		On pile.	Private aid.
9425	Algonac Harbor Buoy 1	42 36 36 N 82 32 54 W				Green spar.	Private aid.
9430	Algonac Harbor Buoy 2					Red spar.	Private aid.
	Middle Channel Entrance						
	Position of unlighted buoys frequently shifted with changing conditions. *Buoys maintained from Apr. 21 to Nov. 1.*						
9435	*- Lighted Buoy 1MC*		**Fl G** 4s		4	Green.	Can; winter marker.
9440	*- Lighted Buoy 2*	42 33 48 N 82 43 18 W	**Fl R** 4s	4 **1**		Red.	
9445	- Buoy 3					Green can.	
9450	- Buoy 4					Red nun.	
9455	- Buoy 5					Green can.	
	Middle Channel						
	Buoys maintained from Apr. 21 to Nov. 1.						
9460	*- Lighted Buoy 6*		**Fl R** 2.5s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ST. CLAIR				
9465	- Buoy 7					Green can.	
9470	- Buoy 8					Red nun.	
9475	- Buoy 9					Green can.	
9480	- Buoy 10					Red nun.	
9485	- Buoy 11					Green can.	
9490	*- Lighted Buoy 12*		**Fl R** 4s		4	Red.	
	Clinton River Boat Club						
	Aids maintained from May 1 to Nov. 1.						
9495	- South Entrance Buoy 4					Red nun.	Private aid.
9500	- South Entrance Buoy 3					Green can.	Private aid.
9505	- Entrance Buoy 2					Red nun.	Private aid.
9510	- Entrance Buoy 1					Green can.	Private aid.
	Middle Channel						
	Buoys maintained from Apr. 21 to Nov. 1.						
9515	- Buoy 13					Green can.	
9520	- Buoy 14					Red nun.	
9525	*Dickinson Island Junction Lighted Buoy*		**Fl (2+1) R** 6s		4	Red and green bands.	
	St. Clair Flats Old Channel						
	Position of buoys frequently shifted with changing conditions. Buoys maintained from Apr. 21 to Nov. 1.						
9530	*- Lighted Buoy 2OC*	42 31 36 N 82 42 42 W	**Fl R** 4s		4	Red.	
9535	- Buoy 3					Green can.	
9540	- Buoy 4					Red nun.	
9545	- Buoy 6					Red nun.	
9550	- LIGHT	42 32 18 N 82 41 36 W	**Fl W** 4s	28 **9**	6	Yellow tower on crib.	
9560	- Buoy 8					Red nun.	
9565	- Buoy 10					Red nun.	
	St. Clair Flats Canal						
9570	- Buoy 1	42 31 12 N 82 41 18 W				Green can.	
9575	ST CLAIR FLATS LIGHT 2	42 31 06 N 82 41 12 W	**Fl W** 4s	28 **9**	6	TR on post marking submerged jetty.	
9580	- Bouy 5	42 31 36 N 82 40 48 W				Green can.	
9585	*- Lighted Buoy 4*		**Fl R** 2.5s		4	Red.	Maintained from Apr. 7 to Dec. 14.
9590	*- Lighted Buoy 7*		**Fl G** 4s		4	Green.	Maintained from Apr. 7 to Dec. 14.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE ST. CLAIR				
9595	OLD CLUB BREAKWATER LOWER LIGHT	42 32 24 N 82 40 00 W	**F W**	10 **3**		On pile cluster.	Private aid.
9600	OLD CLUB BREAKWATER UPPER LIGHT		**F W**	10 **3**		On pile cluster.	Private aid.
9605	MAYBURY HIGHWAY LIGHT 10 (C)	42 33 18 N 82 38 18 W	**Fl R** 4s	24 **7**		White square tower with red top. 18	
	Riverside Store						
	The following buoys are maintained from May 1 to Nov. 1.						
9610	- Buoy 1					Green barrel.	Private aid.
9615	- Buoy 2					Red barrel.	Private aid.
9620	- Buoy 3					Green barrel.	Private aid.
9625	- Buoy 4					Red barrel.	Private aid.
	ST. CLAIR RIVER (Chart 14852)						
9630	ST. CLAIR FLATS LIGHT 13		**F G**	24 **7**	6	SG on post.	
9635	Schneider Marina Buoy 1	42 33 18 N 82 37 00 W				Green can.	Maintained from May 15 to Nov. 1. Private aid.
9640	Scheider Marina Buoy 2					Red barrel.	Maintained from May 15 to Nov. 1. Private aid.
9645	SOUTHEAST BEND LIGHT 16 (C)		**Fl R** 4s	23 **7**		White square tower with red top. 21	
9650	HARSENS ISLAND LIGHT 17		**Fl G** 4s	27 **8**	4	SG on pile.	
			ST. CLAIR RIVER				
	ST. CLAIR RIVER (Chart 14852)						
	South Channel						
9655	HARSENS ISLAND RANGE FRONT LIGHT	42 34 18 N 82 34 36 W	**F G**	27 **8**		White cylindrical tower. 26	
9660	HARSENS ISLAND RANGE REAR LIGHT 525 feet, 023.5° from front light.		**F G**	31 **9**		Cylindrical tower.	Higher intensity beam down channel.
9665	*- Lighted Buoy 15*		**Fl G** 4s		4	Green.	Maintained from Apr. 1 to Dec. 21.
9670	*- Lighted Buoy 16*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Apr. 1.
9675	*- Lighted Buoy 17*		**Fl G** 4s		4	Green.	Maintained from Apr. 1 to Dec. 21.
9680	- LIGHT A20 (C)	42 33 48 N 82 34 48 W	**Q R**	33 **10**		White square tower with red stripes on corners. 21	
9685	*- Lighted Buoy A22* (C)		**Fl R** 4s			Red.	Seasonal.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. CLAIR RIVER				
9690	GRANDE POINTE LIGHT 23		**F G**	28 **9**	5	SG on dolphin.	Higher intensity beam upstream.
9695	*- Lighted Buoy A24* (C)		**Fl R** 4s			Red.	Seasonal.
9700	ST. CLAIR RIVER LIGHT A26 (C)	42 35 30 N 82 32 42 W	**Q R**	39 **12**		White circular tower with red top. 14	
9705	*Grande Pointe Lighted Buoy 27*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 1.
9710	*Russell Island Lighted Buoy 29*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 1.
9715	*Walpole Island Lighted Buoy A30* (C)	42 36 12 N 82 31 30 W	**Fl R** 4s			Red.	Seasonal.
9720	**Walpole Island Light** (C)	42 36 18 N 82 31 24 W	**F R**	30 **9**	10	White circular tower with red top. 26	
9725	**Russell Island Light**	42 36 36 N 82 31 24 W	**F W** **(G sector)**	28 **9**	W 10 G 8	SG on post.	Green from 237° to 057°.
9730	**Walpole Island Lower Light A32** (C)	42 36 42 N 82 31 06 W	**Iso R** 4s	18 **5**	12	White square tower with red top.	
9735	RUSSELL ISLAND LIGHT 33	42 36 48 N 82 31 18 W	**F G**	26 **8**	5	SG on post.	
9740	WALPOLE ISLAND FERRY BREAKWATER LIGHT (C)	42 36 54 N 82 30 54 W	**Fl R** 4s	11 **3**		On pile dolphin.	
9745	*Russell Island Shoal Lighted Buoy RI*		**Fl (2+1) G** 6s		4	Green and red bands.	Replaced by can from Dec. 21 to Apr. 1.
9750	WALPOLE ISLAND UPPER LIGHT A34 (C)	42 37 18 N 82 30 42 W	**Fl R** 4s	23 **7**		White square tower with red top.	
	St. Clair River						
9755	*Chenal Ecarte Shoal Lighted Buoy A36* (C)		**Fl R** 4s			Red.	Seasonal.
9760	CHENAL ECARTE RANGE FRONT LIGHT (C)	42 38 12 N 82 30 06 W	**F R**	17 **5**		Orange triangular daymark with black stripe on circular tower. 12	Visible on range line only. Seasonal.
9765	CHENAL ECARTE RANGE REAR LIGHT 200 feet, 138.3° from front light. (C)		**F R**	37 **11**		Orange triangular daymark with black stripe on circular tower. 26	Visible on range line only. Seasonal.
9770	WILLOW POINT LIGHT	42 38 36 N 82 30 42 W	**F G**	31 **9**	8	SG on post.	
9775	*Roberts Landing Lighted Buoy 37*		**Fl G** 4s		4	Green.	Maintained from Apr. 1 to Dec. 21.
9780	*Fawn Island Lighted Buoy 38* Marks south side of shoal.		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Apr. 1.
	Marine City						
9785	- SALT DOCK LIGHT		**F G**	28 **9**	8	SG on post.	
9790	*- Shoal Lighted Buoy 40*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Apr. 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. CLAIR RIVER				
	Marine City Channel						
	Buoys maintained from Apr. 15 to Nov. 15.						
9795	- Buoy 1	42 42 06 N 82 30 00 W				Green can.	Private aid.
9800	- Buoy 2					Red nun.	Private aid.
9805	- Buoy 3					Green can.	Private aid.
9810	- Buoy 4					Red nun.	Private aid.
9815	- Buoy 5					Green can.	Private aid.
9820	- Buoy 6					Red nun.	Private aid.
	St. Clair River						
9825	*Fawn Island Upper End Lighted Buoy 42*		**Q R**		4	Red.	Replaced by nun from Dec. 21 to Apr. 1.
9830	STOKES POINT WHARF LIGHT (C)	42 44 05 N 82 28 44 W	**Iso R** 2s	30 **9**		White circular tower with red top. 24	
9835	KESSEL POINT LIGHT (C)	42 45 06 N 82 27 54 W	**F Y**	30 **9**	8	Orange diamond daymark on white square skeleton mast. 25	
9840	RECORS POINT DOCK LOWER LIGHT	42 45 32 N 82 28 21 W	**Fl G** 4s	30 **9**		On white post. 24	Private aid.
9845	*Recors Point Lighted Buoy A44* (C)		**Fl R** 4s			Red.	Seasonal.
9850	RECORS POINT DOCK UPPER LIGHT		**Iso G** 4s	30 **9**		On white post. 24	Private aid.
9855	BOWENS CREEK DIRECTIONAL LIGHT (C)	42 46 12 N 82 27 48 W	**F Y**	28 **9**		White circular tower with red top.	Higher intensity beam on on bearings 022° and 159°.
9860	HARTS LANDING LIGHT		**F G**	26 **8**	8	SG on dolphin.	
9865	*Harts Landing Lighted Buoy A46* (C)	42 47 18 N 82 28 18 W	**Fl R** 4s			Red.	Seasonal.
9870	COURTRIGHT LIGHT (C)	42 48 24 N 82 28 42 W	**F Y**	20 **6**	7	White skeleton tower on dolphin. 14	
9875	*St. Clair Middle Ground* Lighted Buoy 48		**Q R**		4	Red.	Replaced by nun from Dec. 21 to Apr. 1.
9880	*St. Clair Middle Ground Lighted Buoy 50*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Apr. 1.
9885	*St. Clair Middle Ground Lighted Buoy 52*		**Q R**		4	Red.	Replaced by nun from Dec. 21 to Apr. 1.
9890	MOORETOWN LIGHT (C)	42 50 24 N 82 28 06 W	**Fl Y** 4s	30 **9**	8	White circular tower with red top. 25	
9895	*St. Clair Middle Ground Lighted Buoy A54* (C)		**Q R**			Red.	Seasonal.
9900	*Stag Island Lower Lighted Buoy 55*		**Fl G** 4s		4	Green.	Maintained from Apr. 1 to Dec. 21.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. CLAIR RIVER				
9905	*Stag Island Shoal Lower Junction Lighted Buoy AMB* (C)		**Fl (2+1) R** 6s			Red with green band.	Seasonal.
9910	STAG ISLAND SHOAL LIGHT Marks south side of shoal. (C)	42 51 54 N 82 28 00 W	**Fl W** 4s	22 **7**	6	White circular tower.	
	Corunna Channel						
9915	CORUNNA RANGE FRONT LIGHT (C)	42 53 12 N 82 27 24 W	**F R**	50 **15**		Orange triangular daymark with black vertical stripe on white skeleton tower. 39	
9920	CORUNNA RANGE REAR LIGHT 568 feet, 167.3° from front light. (C)		**F R**	107 **33**		Orange inverted triangular daymark with black vertical stripe on white skeleton tower. 22	
	St. Clair River						
9925	STAG ISLAND MIDDLE LIGHT		**Oc G** 4s	16 **5**	8	SG on skeleton tower.	Higher intensity beam upstream.
9930	*Stag Island Shoal Lighted Buoy 56*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 21 to Apr. 1.
9935	*Stag Island Lighted Buoy 58*		**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 21 to Apr. 1.
9940	*Stag Island North Cardinal Lighted Buoy AM* (C)		**Q W**			Black and yellow.	Spar; winter marker. Seasonal.
9945	STAG ISLAND UPPER LIGHT		**Fl G** 2.5s	26 **8**	7	SG on post.	Higher intensity beam up and downstream.
9950	*- Lighted Buoy A60* (C)	42 55 13 N 82 27 23 W	**Fl R** 4s			Red.	Spar; winter marker. Seasonal.
9955	*Stag Island North End Lighted Buoy AM3* (C)	42 53 42 N 82 27 36 W	**Fl G** 4s			Green.	Spar; winter marker. Seasonal.
9965	ST. CLAIR/BLACK RIVER JUNCTION LIGHT	42 58 24 N 82 25 12 W	**Fl (2+1) G** 6s	29 **9**	5	JG on pile.	
9970	*Sarnia Breakwater Junction Lighted Buoy AHB* (C)		**Fl (2+1) R** 6s			Red with green band.	Spar; winter marker. Seasonal.
9975	*Point Edward Lighted Buoy A66* (C)	42 59 18 N 82 25 18 W	**Fl R** 4s			Red.	Seasonal.
9980	*Point Edward Lighted Buoy A68* (C)	42 59 36 N 82 25 24 W	**Q R**			Red.	Spar; winter marker. Seasonal.
9985	*Point Edward Lighted Buoy A70* (C)	42 59 42 N 82 25 24 W	**Fl R** 4s			Red.	Spar; winter marker. Seasonal.
9990	FORT GRATIOT RANGE FRONT LIGHT	42 59 36 N 82 25 36 W	**F W**	36 **11**		KRW with 12 foot vertical bar light on white cylindrical tower. 44	Port Huron-Sarnia Bridge center span lights (Oc G) are on Fort Gratiot rangeline.
9995	FORT GRATIOT RANGE FRONT PASSING LIGHT		**F G**	44 **13**	9	On same structure as Fort Gratiot Range Front Light.	Higher intensity on bearing 326° diminishing around remainder of horizon.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. CLAIR RIVER				
10000	FORT GRATIOT RANGE REAR LIGHT 458 feet, 207.3° from front light.		**F W**	52 **16**		KRW with 12 foot vertical bar light on brown octagonal tower. 58	

Section 8

Lake Huron to Straits of Mackinac

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON				
	LAKE HURON (Chart 14860)						
10010	*NOAA Lighted Weather Buoy 45008*	44 17 00 N 82 25 00 W	**Fl (4) Y** 20s 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 11.5s ec.			Yellow disc-shaped hull.	Replaced by can from Dec. 1 to Apr. 1.
	PORT HURON TO PTE AUX BARQUES (Chart 14862)						
10015	**Fort Gratiot Light**	43 00 24 N 82 25 24 W	**Fl G** 6s	82 **25**	18	White conical brick tower. 86	Station will give available information on fog conditions in upper river by radiotelephone when requested, (156.80 MHz). Standby light of reduced intensity. Lighted throughout 24 hours.
10025	POINT EDWARD RANGE FRONT LIGHT (C)	43 00 12 N 82 25 00 W	**F R**	42 **13**		Orange triangular daymark with black vertical stripe on white circular tower with red band at top. 31	Visible from all points of approach. RACON: M (**– –**).
10030	POINT EDWARD RANGE REAR LIGHT 2,140 feet, 180.4° from front light. (C)		**F R**	120 **37**		Orange triangular daymark. with black vertical stripe mounted on International Bridge.	Visible on range line only.
	Lake Huron Cut						
	Lighted buoys maintained from Apr. 1 to Dec. 21 unless otherwise noted.						
10035	*- Lighted Buoy 1*		**Q G**		4	Green.	Replaced by LIB of reduced intensity from Dec. 21 to Apr. 1.
10040	*- Lighted Buoy 2* (C)		**Q R**			Red.	Spar; winter marker.
10045	*- Lighted Buoy 3*		**Fl G** 4s		4	Green.	
10050	*- Lighted Buoy 4*		**Fl R** 4s		4	Red.	
10055	*- Lighted Buoy 5*		**Fl G** 4s		4	Green.	Maintained from Apr. 7 to Dec. 21.
10060	*- Lighted Buoy 6*		**Fl R** 4s		4	Red.	Maintained from Apr. 7 to Dec. 21.
10065	- LIGHT 7	43 03 36 N 82 25 06 W	**Q G**	47 **14**	6	SG on cylindrical tower.	RACON: T (**–**). HORN: 1 blast ev 15s (2s bl). Operates continuously from May 15 to Oct. 15.
10070	*- Lighted Buoy 8*		**Q R**		4	Red.	Replaced by nun from Dec. 21 to Apr. 1.
10075	*- Lighted Buoy 9*		**Fl G** 4s		4	Green.	
10080	*- Lighted Buoy 10*		**Fl R** 4s		4	Red.	
10085	*- Lighted Buoy 11*		**Fl G** 4s		7	Green.	Replaced by LIB of reduced intensity from Dec. 21 to Apr. 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON				
10090	*- Lighted Buoy 12*		**Fl R** 4s		7	Red.	Replaced by nun from Dec. 21 to Apr. 1.
	West Side						
	Lexington Harbor						
10095	- EAST BREAKWATER LIGHT 2	43 16 00 N 82 31 22 W	**Fl R** 2.5s	29 **9**	5	TR on post.	
10100	- WEST BREAKWATER LIGHT 3		**Fl G** 4s	25 **8**	4	SG on post.	
10105	- Buoy 5					Green can.	Maintained from May 1 to Nov. 1.
10110	- Buoy 6					Red nun.	Maintained from May 1 to Nov. 1.
	Port Sanilac						
10115	**- Light**	43 25 48 N 82 32 24 W	**Fl (3) W** 10s 1s fl 1s ec. 1s fl 1s ec. 1s fl 5s ec.	69 **21**	16	White octagonal tower. 59	
10120	- NORTH BREAKWATER LIGHT 2	43 25 48 N 82 32 06 W	**Fl R** 4s	35 **11**	7	TR on pile.	
10125	- SOUTH BREAKWATER LIGHT 3		**Fl G** 4s	29 **9**	5	SG on pile.	
	Wagener County Park						
	Buoys maintained from May 1 to Oct. 1.						
10126	- Buoy 1	43 46 12 N 82 36 54 W				Green can.	Private aid.
10126.5	- Buoy 2					Red nun.	Private aid.
10127	- Buoy 3					Green can.	Private aid.
10127.5	- Buoy 4					Red nun.	Private aid.
10128	- Buoy 5					Green can.	Private aid.
10128.5	- Buoy 6					Red nun.	Private aid.
	Harbor Beach						
10130	**- Light**	43 50 42 N 82 37 54 W	**Al WR** 10s	54 **16**	W 19 R 16	White conical tower.	HORN: 1 blast ev 30s (3s bl). Operates from Apr. 1 to Dec. 1.
10140	- SOUTH PIER LIGHT 1		**Fl G** 4s	27 **8**	6	SG on post.	
10145	- Buoy 3	43 50 36 N 82 38 06 W				Green can.	
10150	- Buoy 4					Red nun.	
10155	- Buoy 5					Green can.	
10160	- Buoy 6					Red nun.	
	Offshore Marine						
	Buoys maintained from Apr. 1 to Nov. 1.						
10165	- Buoy 1					Green spar.	Private aid.
10170	- Buoy 2					Red spar.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON				
10175	- Buoy 3					Green spar.	Private aid.
10180	- Buoy 4					Red spar.	Private aid.
10185	- Buoy 5					Green spar.	Private aid.
10190	- Buoy 6					Red spar.	Private aid.
10195	Harbor Beach Marina Buoy 1	43 51 18 N 92 38 42 W				Green can.	Maintained from Apr. 1 to Nov. 1. Private aid.
10200	Harbor Beach Marina Buoy 3					Green can.	Maintained from Apr. 1 to Nov. 1. Private aid.
	Stafford County Park						
	Buoys maintained from May 1 to Oct. 1.						
10202.1	- Buoy 1	43 56 36 N 82 42 24 W				Green can.	Private aid.
10202.2	- Buoy 2					Red nun.	Private aid.
10202.3	- Buoy 3					Green can.	Private aid.
10202.4	- Buoy 4					Red nun.	Private aid.
10202.5	- Buoy 5					Green can.	Private aid.
10202.6	- Buoy 6					Red nun.	Private aid.
	Harbor Beach						
10205	*Point Aux Barques Lighted Buoy 1*	44 02 33 N 82 45 20 W	**Fl G** 4s		4	Green.	Maintained from Apr. 28 to Dec. 1.
10210	**Point Aux Barques Light**	44 01 24 N 82 47 36 W	**Fl (2) W** 20s 0.2s fl 4.8s ec. 0.2s fl 14.8s ec.	93 **28**	28	White conical tower with dwelling attached. 89	
	Lighthouse County Park						
	Buoys maintained from May 1 to Oct. 1.						
10211	- Buoy 1	44 01 00 N 82 47 12 W				Green can.	Private aid.
10212	- Buoy 2					Red nun.	Private aid.
	SAGINAW BAY (Chart 14863)						
	Grindstone Channel						
	Entrance buoys maintained from Apr. 15 to Nov. 15.						
10215	- Entrance Buoy 1	44 03 32 N 82 53 24 W				Green can.	Private aid.
10220	- Entrance Buoy 2	44 03 32 N 82 53 25 W				Red nun.	Private aid.
10225	- Entrance Buoy 3					Green can.	Private aid.
10230	- Entrance Buoy 4					Red nun.	Private aid.
10235	- Entrance Buoy 5					Green can.	Private aid.
10240	- Entrance Buoy 6					Red nun.	Private aid.
10245	- Entrance Buoy 7					Green can.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON				
10250	- Entrance Buoy 8					Red nun.	Private aid.
10255	- Entrance Buoy 9					Green can.	Private aid.
10260	- Entrance Buoy 10					Red nun.	Private aid.
10265	- Entrance Buoy 11					Green can.	Private aid.
10270	- Entrance Buoy 12					Red nun.	Private aid.
10271	- Entrance Buoy 13					Green can.	Private aid.
10272	- Entrance Buoy 14					Red nun.	Private aid.
10273	- Entrance Buoy 15					Green can.	Private aid.
10274	- Entrance Buoy 16					Red nun.	Private aid.
	Port Austin						
	Buoys maintained from May 1 to Nov. 1.						
10275	- REEF LIGHT	44 04 54 N 82 58 54 W	**Fl W** 6s	76 **23**	8	Buff square tower with house attached.	
10280	- Shoal Buoy 1 Marks north side of shoal.	44 05 48 N 82 59 35 W				Green can.	
10285	- Buoy 3					Green can.	
10290	- BREAKWATER LIGHT 4	44 03 12 N 82 59 36 W	**Fl R** 2.5s	24 **7**	4	TR on pile.	
10295	- LIGHT 5	44 03 12 N 82 59 36 W	**Fl G** 2.5s	25 **8**	6	SG on post.	
10300	- Buoy 5A					Green can.	
10305	- Buoy 6					Red nun.	
10310	- Buoy 7					Green can.	
	Buoys maintained from Jun. 1 to Sep. 1.						
10315	- Channel Buoy 1					On black spar.	Private aid.
10320	- Channel Buoy 2					On red spar.	Private aid.
10325	- Channel Buoy 4					On red spar.	Private aid.
10330	- Channel Buoy 6					On red spar.	Private aid.
10335	- Channel Buoy 8					On red spar.	Private aid.
10340	- Buoy A					Orange and white bands.	Private aid.
	Oak Beach County Park						
	Buoys maintained from May 1 to Oct. 1.						
10342.1	- Buoy 1	43 56 36 N 83 07 30 W				Green can.	Private aid.
10342.2	- Buoy 2					Red nun.	Private aid.
10342.3	- Buoy 3					Green can.	Private aid.
10342.4	- Buoy 4					Red nun.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON				
	Caseville Harbor						
	Buoys maintained from May 1 to Nov. 1.						
10345	- LIGHT 1	43 56 54 N 83 17 06 W	**Fl G** 2.5s	27 **8**	5	SG on post.	
10350	- RANGE FRONT LIGHT		**F R**	25 **8**		On red pile.	Maintained from Apr. 1 to Nov. 15. Private aid.
10355	- RANGE REAR LIGHT 330 feet, 113.5° from front light.		**F R**	30 **9**		On red pile.	Maintained from Apr. 1 to Nov. 15. Private aid.
10365	- Buoy 2					Red nun.	
10370	- Buoy 4					Red nun.	
10372	- Buoy 6					Red nun.	
10373	- LIGHT	43 45 37 N 83 16 22 W	**Fl W** 10s	65 **20** 20 **6**		Square white tower with red roofed cupola. 38	Private aid.
10375	Sand Point Midchannel Buoy S	43 55 54 N 83 24 48 W				Red and white stripes; spherical.	
10380	*Wildfowl Bay Channel Lighted Buoy 1*	43 52 42 N 83 21 24 W	**Q G**			Green.	Maintained from May 15 to Oct. 15. Private aid.
10385	*Wildfowl Bay Channel Lighted Buoy 2*		**Q R**			Red.	Maintained from May 15 to Oct 15. Private aid.
	SAGINAW BAY (Chart 14863)						
10470	SEBEWAING YACHT CLUB SOUTH LIGHT	43 44 18 N 83 27 48 W	**F R**	24 **7**		On pile.	Maintained from Mar. 15 to Oct. 15. Private aid.
10475	SEBEWAING YACHT CLUB NORTH LIGHT	43 44 18 N 83 27 48 W	**F G**	24 **7**		On pile.	Maintained from Mar. 15 to Oct. 15. Private aid.
10480	OAKHURST PARK MARINA RANGE FRONT LIGHT	43 37 48 N 83 37 06 W	**F G**	17 **5**		Orange triangle on post. 14	Maintained from May 1 to Oct. 31. Private aid.
10485	OAKHURST PARK MARINA RANGE REAR LIGHT 100 feet, 143.5° from front light.		**F G**	37 **11**		Orange and white triangle on tower. 34	Maintainted from May 1 to Oct. 31. Private aid.
	Quanicassee River						
	Buoys maintained from May 1 to Oct. 1.						
10490	- Buoy 1					Green can.	Private aid.
10495	- Buoy 2					Red nun.	Private aid.
10500	- Buoy 3					Green can.	Private aid.
10505	- Buoy 4					Red nun.	Private aid.
10510	- Buoy 5					Green can.	Private aid.
10515	- Buoy 6					Red nun.	Private aid.
10520	- Buoy 7					Green can.	Private aid.
10525	- Buoy 8					Red nun.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON				
	SAGINAW BAY (Chart 14863)						
10530	*Charity Island Shoal Lighted Bell Buoy 1*	44 06 30 N 83 29 46 W	**Q G**		4	Green.	Replaced by can from Dec. 7 to Apr. 28.
10535	*Charity Island Shoal Lighted Buoy 3* Marks west side of shoal.		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to Apr. 28.
10540	**Gravelly Shoal Light**	44 01 12 N 83 32 18 W	**Fl R** 6s	75 **23**	11	White square tower on cylindrical base.	HORN: 1 blast ev 30s (3s bl). Operates continuously.
	SAGINAW RIVER (Chart 14867)						
	Saginaw Bay Channel						
10550	- RANGE FRONT LIGHT	43 38 54 N 83 51 00 W	**F R**	66 **20**		On skeleton tower.	Lighted throughout 24 hours.
10560	- RANGE REAR LIGHT 8,706 feet, 211.2° from front light.		**F G**	155 **47**		On skeleton tower.	Lighted throughout 24 hours.
10570	**- Light 1**	43 48 24 N 83 43 06 W	**Fl G** 5s	50 **15**	13	White cylindrical tower with green band in middle.	
10575	*- Lighted Buoy 2*		**Fl R** 2.5s		5	Red.	Nun; winter marker. Maintained from Apr. 21 to Dec. 14.
10590	*- Lighted Buoy 3*		**Fl G** 4s		4	Green.	Can; winter marker. Maintained from Apr. 21 to Dec. 14.
10595	*- Lighted Buoy 4*		**Fl R** 4s		4	Red.	Nun; winter marker. Maintained from Apr. 21 to Dec. 14.
10600	*- Lighted Buoy 5*		**Fl G** 4s		4	Green.	Can; winter marker. Maintained from Apr. 21 to Dec. 14.
10605	*- Lighted Buoy 6*		**Fl R** 4s		4	Red.	Nun; winter marker. Maintained from Apr. 21 to Dec. 14.
10610	*- Lighted Buoy 7*		**Fl G** 2.5s		4	Green.	Can; winter marker. Maintained from Apr. 21 to Dec. 14.
10615	*- Lighted Buoy 8*		**Fl R** 2.5s		4	Red.	Nun; winter marker. Maintained from Apr. 21 to Dec. 14.
10620	*- Lighted Buoy 9*		**Fl G** 4s		4	Green.	Can; winter marker. Maintained from Apr. 21 to Dec. 14.
10625	*- Lighted Buoy 10*		**Fl R** 4s		4	Red.	Nun; winter marker. Maintained from Apr. 21 to Dec. 14.
10640	*- Lighted Buoy 11*		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 14 to Apr. 21.
10644	- LIGHT 12	43 43 54 N 83 46 54 W	**Fl R** 2.5s	20 **6**	6	White cylindrical tower with red stripe in middle.	
10650	*- Lighted Buoy 13*	43 43 00 N 83 47 38 W	**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 21.
10655	*- Lighted Buoy 14*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 21.
10660	*- Lighted Buoy 15*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 21.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON				
10665	*- Lighted Buoy 16*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 21.
10670	*- Lighted Buoy 17*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 21.
10675	*- Lighted Buoy 18*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 21.
10680	*- Lighted Buoy 19*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 21.
10685	*- Lighted Buoy 20*	43 40 23 N 83 49 55 W	**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 21.
10690	- OBSTRUCTION LIGHT A	43 40 18 N 83 49 54 W	**Q W**	21 **6**		On dolphin.	Maintained from Apr. 15 to Dec. 15. Maintained by ACOE.
10695	- OBSTRUCTION LIGHT B		**Q W**	21 **6**		On dolphin.	Maintained from Apr. 15 to Dec. 15. Maintained by ACOE.
10710	*- Lighted Buoy 21*	43 39 36 N 83 50 24 W	**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 14 to Apr. 21.
10715	*- Lighted Buoy 22*	43 39 42 N 83 50 30 W	**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 14 to Apr. 21.
10720	*- Lighted Buoy 23*		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 14 to Apr. 21.
10725	*- Lighted Buoy 24*		**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 14 to Apr. 21.
10730	- LIGHT 26	43 39 00 N 83 51 00 W	**Q R**	25 **8**	7	TR on pile.	
10735	*- Lighted Buoy 25*	43 39 00 N 83 50 54 W	**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 14 to Apr. 21.
10740	*- Lighted Buoy 28*	43 38 47 N 83 50 58 W	**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 14 to Apr. 21.
	Saginaw River						
	Lighted buoys maintained from Apr. 21 to Dec. 14.						
10755	- Buoy 2					Red nun.	
10760	ESSEXVILLE RANGE FRONT LIGHT	43 37 24 N 83 50 18 W	**F G**	32 **10**		KRW on black skeleton tower.	
10765	ESSEXVILLE RANGE REAR LIGHT 1,099 feet, 160° from front light.		**F G**	45 **14**		KRW on black skeleton tower.	
	Lighted buoys maintained from Apr. 21 to Dec. 14.						
10770	*- Lighted Buoy 3*		**Fl G** 4s		4	Green.	Can; winter marker.
10775	*- Lighted Buoy 4*		**Fl R** 4s		4	Red.	Nun; winter marker.
10780	- Buoy 5					Green can.	
10785	- Buoy 6					Red nun.	
10790	*- Lighted Buoy 7*		**Fl G** 4s		4	Green.	Can; winter marker.
10795	*- Lighted Buoy 8*		**Fl R** 4s		4	Red.	Nun; winter marker.
10800	*- Lighted Buoy 10*		**Fl R** 4s		4	Red.	Nun; winter marker.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON				
10805	*- Lighted Buoy 12*		**Fl R** 2.5s		4	Red.	Nun; winter marker.
10810	- Buoy 14					Red nun.	
10815	*- Lighted Buoy 16*		**Fl R** 4s		4	Red.	Nun; winter marker.
10817	- Buoy 18					Red nun.	
10820	- Buoy 19					Green can.	
10825	- Buoy 20					Red nun.	
10830	- Buoy 21					Green can.	
10835	*- Lighted Buoy 23*		**Fl G** 4s		4	Green.	Can; winter marker.
10840	- Buoy 25					Green can.	
10845	- Buoy 27					Green can.	
10850	*- Lighted Buoy 28*		**Fl R** 4s		4	Red.	Nun; winter marker.
10855	- Buoy 30					Red nun.	
10860	*- Lighted Buoy 31*		**Fl G** 4s		4	Green.	Can; winter marker.
10862	- Buoy 33					Green can.	
10865	*- Lighted Buoy 35*		**Fl G** 4s		4	Green.	Can; winter marker.
10870	- Buoy 37					Green can.	
10875	*- Lighted Buoy 36*		**Fl R** 4s		4	Red.	Nun; winter marker.
10880	- Buoy 39					Green can.	
10885	- Buoy 40					Red nun.	
10890	- Buoy 41					Green can.	
10895	- Buoy 42					Red nun.	
10900	*- Lighted Buoy 43*		**Fl G** 2.5s		4	Green.	Can; winter marker.
10905	*- Lighted Buoy 44*		**Fl R** 4s		4	Red.	Nun; winter marker.
10910	*- Lighted Buoy 45*		**Fl G** 4s		4	Green.	Can; winter marker.
10915	- Buoy 46					Red nun.	
10925	- Buoy 47					Green can.	
10930	*- Lighted Buoy 48*		**Fl R** 4s		4	Red.	Nun; winter marker.
10935	- Buoy 49					Green can.	
10940	*- Lighted Buoy 50*		**Fl R** 4s		4	Red.	Nun; winter marker.
10945	- Buoy 52					Red nun.	
10950	- Buoy 53					Green can.	
10955	*- Lighted Buoy 54*		**Fl R** 4s		4	Red.	Nun; winter marker.
10960	- Buoy 55					Green can.	
10965	- Buoy 56					Red nun.	
10970	*- Lighted Buoy 57*		**Fl G** 4s		4	Green.	Can; winter marker.
10975	- Buoy 59					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON				
10980	- Buoy 60					Red nun.	
10985	- Buoy 61					Green can.	
10990	*- Lighted Buoy 62*		**Fl R** 4s		4	Red.	Nun; winter marker.
10995	- Buoy 63					Green can.	
11000	- Buoy 64					Red nun.	
11005	- Buoy 65					Green can.	
11010	- Buoy 66					Red nun.	
11015	- Buoy 67					Green can.	
11020	*- Lighted Buoy 68*		**Fl R** 4s		4	Red.	Nun; winter marker.
11035	- Buoy 69					Green can.	
11040	- Buoy 70					Red nun.	
11045	*- Lighted Buoy 71*		**Fl G** 4s		4	Green.	Can; winter marker.
11050	- Buoy 72					Red nun.	
11055	- Buoy 73					Green can.	
11060	- Buoy 74					Red nun.	
11065	- Buoy 76					Red nun.	
11070	- Buoy 78					Red nun.	
11075	*- Lighted Buoy 80*		**Fl R** 4s		4	Red.	Nun; winter marker.
11080	- Buoy 82					Red nun.	
11082	- Buoy 84					Red nun.	
11085	- Buoy 86					Red nun.	
11090	- Buoy 88					Red nun.	
11095	- Buoy 89					Green can.	
	Pinconning Park						
	Buoys maintained from May 1 to Oct. 1.						
11111	- Buoy 1	43 50 48 N 83 55 06 W				Green.	Private aid.
11112	- Buoy 2					Red.	Private aid.
11113	- Buoy 3					Green.	Private aid.
11114	- Buoy 4					Red.	Private aid.
11115	- Buoy 5					Green.	Private aid.
11116	- Buoy 6					Red.	Private aid.
	SAGINAW BAY (Chart 14863)						
	Au Gres Harbor						
11140	Point Au Gres Obstruction Buoy	43 59 18 N 83 40 36 W				White with orange bands and diamond worded DANGER SUBMERGED OBSTRUCTION, can.	Maintained from May 1 to Nov. 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON				
11145	- Entrance Buoy 1					Green can.	Maintained from May 1 to Nov. 1.
11150	- Entrance Buoy 2					Red nun.	Maintained from May 1 to Nov. 1.
11155	- NORTH PIER LIGHT 4	44 01 12 N 83 40 00 W	**Fl R** 2.5s	26 **8**	5	TR on white cylindrical tower with red band.	
11160	- SOUTH PIER LIGHT 3		**Fl G** 4s	30 **9**	6	SG on post.	
11165	ALABASTER TRAMWAY RANGE FRONT LIGHT	44 11 18 N 83 31 54 W	**F R**	20 **6**		Gray box.	Private aid.
11170	ALABASTER TRAMWAY RANGE REAR LIGHT 170 feet, 270° from front light.		**F R**	70 **21**		Gray box.	Private aid.
11175	*Northport Marina Entrance Lighted Buoy 1*	44 02 42 N 83 39 12 W	**Fl G** 2.5s			Green.	Maintained from May 1 to Oct. 31. Private aid.
11180	*Northport Marina Entrance Lighted Buoy 2*	44 02 48 N 83 39 06 W	**Fl R** 2.5s			Red.	Maintained from May 1 to Oct. 31. Private aid.
	National Gypsum Company						
	Aids maintained from Apr. 1 to Dec. 30.						
11190	- RANGE FRONT LIGHT	44 14 18 N 83 32 24 W	**F R**	46 **14**		On post.	Light operated only for vessel arrivals and departures. Private aid.
11195	- RANGE REAR LIGHT 1,400 feet, 293.5° from front light.		**F R**	78 **24**		On post.	Light operated only for vessel arrivals and departures. Private aid.
11200	- Buoy 1	44 13 48 N 83 31 00 W				Green can.	Private aid.
11205	- Buoy 2					Red nun.	Private aid.
11210	- Buoy 3	44 14 05 N 83 31 53 W				Green can.	Private aid.
11215	- Buoy 4	44 14 07 N 83 31 52 W				Red nun.	Private aid.
	Tawas						
11240	**- Light**	44 15 12 N 83 26 54 W	**Oc W** 4s **(R sector)**	70 **21**	W 16 R 12	White conical tower, dwelling attached. 68	Red from 045° to 135°. HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si). 3,150 feet, 232° from light. Operates May 1 to Oct. 20.
11245	*- Point Lighted Buoy 2*		**Fl R** 4s		4	Red.	Maintained from Apr. 28 to Dec. 1.
11250	*- Harbor Lighted Buoy 4* Marks northwest side of shoal.		**Fl R** 2.5s		4	Red.	Maintained from Apr. 28 to Dec. 1.
11255	*- Lighted Buoy 6*	44 15 55 N 83 27 10 W	**Fl R** 4s		6	Red.	Maintained from Apr. 28 to Dec. 1.
11265	- BAY YACHT CLUB RANGE FRONT LIGHT		**F R**	8 **2**		Red square daymark on pile.	Maintained from Apr. 1 to Nov. 1. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON				
11270	- BAY YACHT CLUB RANGE REAR LIGHT 150 feet, 165° from front light.		**F R**	12 **4**		Red square daymark on pile.	Maintained from Apr. 1 to Nov. 1. Private aid.
11275	JERRY'S MARINA RANGE FRONT LIGHT	44 15 42 N 83 26 18 W	**F G**	12 **4**		On post.	Maintained from Apr. 1 to Nov. 1. Private aid.
11280	JERRY'S MARINA RANGE REAR LIGHT 400 feet, 128° from front light.		**F G**	20 **6**		On tree.	Maintained from Apr. 1 to Nov. 1. Private aid.
11285	- BAY HARBOR LIGHT 5		**Fl G** 6s	25 **8**	6	SG on pile.	
11300	- RIVER RANGE FRONT LIGHT		**F R**	10 **3**		White diamond daymark on pile.	Maintained from Apr. 1 to Dec. 1. Private aid.
11305	- RIVER RANGE REAR LIGHT 130 feet, 326° from front light.		**F R**	18 **5**		White diamond daymark on pile.	Maintained from Apr. 1 to Dec. 1. Private aid.
11306	- BAY CONDO MARINA RANGE FRONT LIGHT		**F Y**	8 **2**		Circular orange daymark.	Maintained from May 1 to Nov. 1. Private aid.
11307	- BAY CONDO MARINA RANGE REAR LIGHT 252 feet, 132° from front light.		**F Y**	15 **5**		Circular orange daymark.	Maintained from May 1 to Nov. 1. Private aid.
11308.1	- Bay Condo Marina Buoy 1					Green can.	Maintained from May 1 to Nov. 1. Private aid.
11308.2	- Bay Condo Marina Buoy 2					Red nun.	Maintained from May 1 to Nov. 1. Private aid.
11308.3	- BAY CONDO MARINA LIGHT 3	44 15 24 N 83 31 42 W	**Fl G** 2.5s	11 **3**		SG on pole on south jetty.	Maintained from May 1 to Nov. 1. Private aid.
11308.4	- BAY CONDO MARINA LIGHT 4		**Fl R** 2.5s	11 **3**		TR on pole on north jetty.	Maintained from May 1 to Nov. 1. Private aid.
	Au Sable						
11310	*- Point Lighted Buoy 1*		**Fl G** 6s		5	Green.	Maintained from Apr. 28 to Dec. 1.
11315	- SOUTH PIERHEAD LIGHT		**Fl G** 4s	25 **8**	6	SG on white tower.	
11320	- NORTH PIERHEAD LIGHT	44 24 24 N 83 19 00 W	**Fl R** 4s	25 **8**	7	TR on white tower.	HORN: 1 blast ev 30s (3s bl). Operates from Apr. 15 to Nov. 1. Fog signal is activated by keying the mike, CH 79 VHF 5 times within 5 seconds. Horn will remain active for 30 minutes.
	HARRISVILLE TO FORTY MILE POINT (Chart 14864)						
	Harrisville						
11325	- EAST BREAKWATER LIGHT		**Fl G** 2.5s	20 **6**	6	SG on post.	
11330	- WEST BREAKWATER LIGHT	44 39 36 N 83 17 00 W	**Fl R** 4s	33 **10**	5	TR on column.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON				
11345	**Sturgeon Point Light**	44 42 42 N 83 16 18 W	**Fl W** 6s	69 **21**	14	White conical tower with dwelling attached. 68	
	Alpena						
11355	*Thunder Bay Traffic Lighted Bell Buoy*	44 58 41 N 83 15 17 W	**Mo (A) W**		7	Red and white stripes.	Maintained from Apr. 28 to Dec. 1.
11360	North Point Buoy 10 Marks shoal.					Red nun.	
11365	PARTRIDGE POINT MARINA LIGHT	45 01 06 N 83 27 12 W	**Fl W** 2.5s	20 **6**		White house.	Maintained from Apr. 1 to Nov. 1. Private aid.
11370	**- Light**	45 03 36 N 83 25 24 W	**Fl R** 5s	44 **13**	14	Red skeleton tower with upper part enclosed.	HORN: 1 blast ev 15s (2s bl). Operates May 1 to Oct. 20.
11375	- SOUTH BREAKWATER LIGHT	45 03 36 N 83 25 24 W	**Fl G** 2.5s	29 **9**	5	White tower with green band.	
11380	CITY OF ALPENA HARBOR ENTRANCE LIGHT 1		**Fl G** 4s	15 **5**		SG on post.	Maintained from Apr. 1 to Dec. 1. Private aid.
11385	CITY OF ALPENA HARBOR ENTRANCE LIGHT 2		**Fl R** 4s	15 **5**		TR on post.	Maintained from Apr. 1 to Dec. 1. Private aid.
	East Alpena Channel						
11386	LAFARGE CORPORATION CHANNEL RANGE FRONT LIGHT	45 04 06 N 83 24 30 W	**F R**	76 **23**		Orange and white striped daymark on skeleton tower.	Private aid.
11387	LAFARGE CORPORATION CHANNEL RANGE REAR LIGHT 233 yards, 344° from front light.		**F R**	109 **33**		Orange and white stiped daymark on skeleton tower.	Private aid.
11388.1	- Buoy 2					Red nun.	Private aid.
11388.2	- Buoy 3					Green can.	Private aid.
11388.3	- Buoy 4					Red nun.	Private aid.
11388.4	- Buoy 6					Red nun.	Private aid.
11388.5	- Buoy 7					Green can.	Private aid.
11388.6	- Buoy 8					Red nun.	Private aid.
11388.7	- Buoy 9					Green can.	Private aid.
11388.8	- Buoy 10					Red nun.	Private aid.
11388.9	- Buoy 11					Green can.	Private aid.
11389	- Buoy 12					Red nun.	Private aid.
11389.1	- Buoy 13					Green can.	Private aid.
11389.2	- Buoy 14					Red nun.	Private aid.
11389.3	- Buoy 15					Green can.	Private aid.
	Alpena						
11390	*- Junction Lighted Buoy AL*	45 02 57 N 83 24 04 W	**Fl (2+1) R** 6s		4	Red with green band.	Replaced by nun from Dec. 1 to Apr. 28.
11395	- Channel Buoy 1					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON				
11400	- Channel Buoy 2					Red nun.	
11405	- Channel Buoy 3					Green can.	
11410	- Channel Buoy 4					Red nun.	
11415	- Channel Buoy 5					Green can.	
	Lafarge Corporation Channel						
11420	*- Junction Lighted Buoy TB*	45 03 26 N 83 25 01 W	**Fl (2+1) R** 6s		4	Red and green bands.	Replaced by nun from Dec. 7 to Apr. 28.
11425	- RANGE FRONT LIGHT	45 04 06 N 83 25 00 W	**F G**	22 **7**		Orange and white striped daymark on gray skeleton tower.	Private aid.
11430	- RANGE REAR LIGHT 133 yards, 358° from front light.		**F G**	38 **12**		Orange and white striped daymark on gray skeleton tower.	Private aid.
	HARRISVILLE TO FORTY MILE POINT (Chart 14864)						
11495	**Thunder Bay Island Light**	45 02 12 N 83 11 42 W	**Al GW** 20s	63 **19**	17	Conical tower with dwelling attached.	
11500	STONYCROFT POINT LIGHT	45 06 24 N 83 18 30 W	**Q W**	30 **9**		TR on red skeleton tower.	Maintained from Mar. 15 to Nov. 15. Private aid.
11505	*Nordmeer Wreck Lighted Buoy WR1* 1,470 feet, 102° from last reported position of wreck.	45 08 06 N 83 09 18 W	**Fl G** 4s		4	Green.	RACON: N (**–** •). Maintained from Apr. 28 to Dec. 1.
11510	*NOAA Lighted Weather Buoy 45003*	45 20 59 N 82 50 24 W	**Fl (4) Y** 20s 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 11.5s ec.			Yellow, disc-shaped hull.	Replaced by nun from Nov. 14 to May 14.
11515	**Middle Island Light**	45 11 36 N 83 19 18 W	**Fl W** 10s	78 **24**	17	White conical tower with orange bands in middle with dwelling detached. 71	
11520	*Middle Island Lighted Buoy 13* Marks northeast side of shoal.		**Fl G** 4s		4	Green.	Maintained from Apr. 28 to Dec. 1.
11525	ROCKPORT HARBOR CRIB LIGHT R	45 12 18 N 83 22 54 W	**Fl W** 4s	12 **4**		NB on red skeleton tower on crib.	Maintained from Apr. 15 to Nov. 1. Private aid.
11530	**Stoneport Light**	45 17 48 N 83 25 06 W	**Al WR** 60s 3s W fl 27s ec. 3s R fl 27s ec.	55 **17**	W 25 R 21	White cylindrical structure.	Maintained from Apr. 1 to Dec. 31. Private aid.
11535	Stoneport Approach Buoy 1					Green can.	Maintained from Apr. 28 to Dec. 1.
11540	Stoneport Buoy 3					Green can.	Maintained from Apr. 1 to Dec. 1. Private aid.
11545	Stoneport Buoy 5					Green can.	Maintained from Apr. 1 to Dec. 1. Private aid.
	Presque Isle Harbor						
11550	**Presque Isle Light**	45 21 24 N 83 29 30 W	**Fl W** 15s	123 **37**	20	White conical tower with dwelling attached.	Standby light of reduced intensity.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON				
11560	- Entrance Shoal Buoy 2					Red nun.	Maintained from Apr. 28 to Dec. 1.
11565	- RANGE FRONT LIGHT	45 20 18 N 83 29 24 W	**F G**	23 **7**		KRW on white pile. 18	
11570	- RANGE REAR LIGHT 790 feet, 274° from front light.		**F G**	36 **11**		KRW on white cylindrical tower. 33	
	Presque Isle Harbor Marina						
	Lights and buoys maintained from May 15 to Oct 1.						
11574	*- Entrance Lighted Buoy 2*	45 20 18 N 83 28 57 W	**Q R**			Red.	Private aid.
11575	*- Entrance Lighted Buoy 3*	45 20 16 N 83 29 06 W	**Q G**			Green.	Private aid.
11580	- Entrance Buoy 4					Red nun.	Private aid.
11585	- Entrance Buoy 5					Green can.	Private aid.
11590	- Entrance Buoy 6					Red nun.	Private aid.
11595	- Entrance Buoy 7					Green can.	Private aid.
11595.5	- Entrance Buoy 8					Red nun.	Private aid.
11596	- Entrance Buoy 9					Green can.	Private aid.
11600	- ENTRANCE LIGHT 10	45 20 24 N 83 29 09 W	**Fl R** 2.5s	26 **8**		TR on post.	Private aid. HORN: 1 blast ev 20s (2s bl).
11605	- ENTRANCE LIGHT 11	45 20 24 N 83 29 11 W	**Fl G** 4s	26 **8**		SG on post.	Private aid.
	Calcite						
	Aids maintained from May 1 to Dec. 1.						
11610	- BREAKWATER LIGHT 2	45 25 00 N 83 46 24 W	**Iso R** 4s	49 **15**		TR on skeleton tower.	Private aid. HORN: 1 blast ev 20s (2s bl).
11630	- INCOMING RANGE FRONT LIGHT		**F R**	30 **9**		White diamond daymark on conveyor house.	Private aid.
11635	- INCOMING RANGE REAR LIGHT 500 feet, 236° from front light.		**F R**	110 **34**		On side of brick house.	Private aid.
11640	- OUTGOING RANGE FRONT LIGHT		**F G**	52 **16**		Two lights, 10 feet apart horizontal.	Private aid.
11645	- OUTGOING RANGE REAR LIGHT 160 feet, 236° from front light.		**F G**	78 **24**		Box on conveyor structure.	Private aid.
	Rogers City						
	Buoys maintained from Jun. 1 to Oct. 1.						
11660	*- Harbor Channel Lighted Buoy 1*	45 25 30 N 83 48 24 W	**Iso G** 2s			Green.	Private aid.
11665	*- Harbor Channel Lighted Buoy 2*	45 25 30 N 83 48 24 W	**Iso R** 2s			Red.	Private aid.
11670	*- Harbor Channel Lighted Buoy 3*		**Fl G** 2.5s			Green.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON				
11675	*- Harbor Channel Lighted Buoy 4*		**Fl R** 2.5s			Red.	Private aid.
11680	*- Harbor Channel Lighted Buoy 5*		**Fl G** 4s			Green.	Private aid.
11685	*- Harbor Channel Lighted Buoy 6*		**Fl R** 4s			Red.	Private aid.
11690	*- Harbor Channel Lighted Buoy 7*		**Fl G** 4s			Green.	Private aid.
11695	- HARBOR CHANNEL BREAKWATER LIGHT 8	45 25 24 N 83 48 36 W	**Fl R** 2.5s	25 **8**		TR on pole.	Private aid.
11700	- HARBOR CHANNEL BREAKWATER LIGHT 9		**Fl G** 2.5s	25 **8**		SG on pole.	Private aid.
11715	**Forty-Mile Point Light**	45 29 12 N 83 54 48 W	**Iso W** 6s	66 **20**	16	White square brick tower on dwelling. 53	

Section 9

Straits of Mackinac

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			STRAITS OF MACKINAC				
	DE TOUR PASSAGE TO WAUGOSHANCE POINT (Chart 14881)						
	South Channel						
11720	HAMMOND BAY HARBOR OF REFUGE EAST BREAKWATER LIGHT	45 35 36 N 84 09 42 W	**Fl G** 2.5s	25 **8**	5	SG on post.	
11725	HAMMOND BAY HARBOR OF REFUGE WEST BREAKWATER LIGHT		**Fl R** 4s	25 **8**	4	TR on post.	
11730	**Spectacle Reef Light** Marks west side of reef.	45 46 24 N 84 08 12 W	**Fl R** 5s	86 **26**	11	Gray conical tower on square concrete pier.	
11735	Raynolds Reef Buoy 1					Green can.	
11740	Raynolds Reef Buoy 2					Red nun.	
11745	*Cordwood Point Lighted Buoy 1* Marks north side of shoal.		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to Apr. 28.
11750	**Poe Reef Light**	45 41 42 N 84 21 42 W	**Iso W** 2s	71 **22**	9	Square tower with white and black bands on concrete crib.	RACON: Z (– – • •). HORN: 1 blast ev 30s (3s bl). Operates year round.
11760	Poe Reef Buoy 2					Red nun.	
11765	**Fourteen Foot Shoal Light**	45 40 48 N 84 26 06 W	**Oc W** 4s	51 **16**	10	White conical tower, square structure on concrete crib.	Operates year round. HORN: 1 blast ev 15s (2s bl).
11770	Fourteen Foot Shoal Buoy 3					Green can.	Maintained from Apr. 28 to Dec. 7.
11775	BOIS BLANC TOWNSHIP DOCK LIGHT		**Q G**	17 **5**		On pile.	Maintained from May 1 to Dec. 1. Private aid.
	Cheboygan						
11780	*- River Entrance Lighted Buoy 2*	45 39 58 N 84 27 23 W	**Q R**		4	Red.	Replaced by LIB (Q R) from Dec. 7 to May 1.
11785	- River Entrance Buoy 3					Green can.	
11790	- RIVER RANGE FRONT LIGHT	45 38 54 N 84 28 18 W	**F R**	45 **14**		KRW on white square tower on dwelling. 45	
11795	- RIVER RANGE REAR LIGHT 1,115 feet, 212.5° from front light.		**F R**	75 **23**		KRW on skeleton tower. 80	
11800	**- River Light 4**		**Fl R** 4s	25 **8**	10	TR on white cylindrical tower.	
	MICHIGAN INLAND ROUTE (Chart 14886)						
	Cheboygan River						
11805	- Daybeacon 1					SG on pile.	
11810	- Daybeacon 3					SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			STRAITS OF MACKINAC				
11815	- Daybeacon 5					SG on pile.	
11820	- Daybeacon 6					TR on pile.	
11825	- Daybeacon 7					SG on pile.	
11830	- Daybeacon 9					SG on pile.	
11835	- Daybeacon 11					SG on pile.	
11840	- Daybeacon 12					TR on pile.	
11845	- Daybeacon 13					SG on pile.	
11850	- Daybeacon 14					TR on pile.	
11855	- Daybeacon 15					SG on pile.	
11860	- Daybeacon 16					TR on pile.	
11865	- Daybeacon 17					SG on pile.	
11870	- Daybeacon 18					TR on pile.	
11875	- Daybeacon 19					SG on pile.	
11880	- Daybeacon 20					TR on pile.	
11885	- Daybeacon 21					SG on pile.	
	Mullett Lake						
11890	- LIGHT 21A		**Fl G** 4s	24 **7**	4	SG on pole.	
11895	- LIGHT 23		**Fl G** 6s	16 **5**	3	SG on dolphin.	
11900	- LIGHT 24		**Fl R** 4s	18 **5**	4	TR on pile.	
11905	ALOHA STATE PARK NORTH JETTY LIGHT		**Fl G** 2.5s	16 **5**		On pile.	Maintained from May 1 to Dec. 1. Private aid.
11910	ALOHA STATE PARK SOUTH JETTY LIGHT		**Fl R** 2.5s	16 **5**		On pile.	Maintained from May 1 to Dec. 1. Private aid.
11915	- LIGHT 24A		**Fl R** 4s	17 **5**	4	TR on pile.	
	Indian River						
11920	- Daybeacon 25					SG on pile.	
11925	- Daybeacon 27					SG on pile.	
11930	- Daybeacon 27A					SG on pile.	
11935	- Daybeacon 28					TR on pile.	
11940	- Daybeacon 29					SG on pile.	
11945	- Daybeacon 30					TR on pile.	
11950	- Daybeacon 31					SG on pile.	
11955	- Daybeacon 32					TR on pile.	
11960	- Daybeacon 34					TR on pile.	
11965	- Daybeacon 35					SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			STRAITS OF MACKINAC				
11970	- Daybeacon 37					SG on pile.	
11975	- Daybeacon 39					SG on pile.	
11976	- Daybeacon 39A					SG on pile.	
11980	- Daybeacon 40					TR on pile.	
11985	- Daybeacon 41					SG on pile.	
11990	- Daybeacon 42					TR on pile.	
11995	- Daybeacon 43					SG on pile.	
12000	- Daybeacon 44					TR on pile.	
12005	- Daybeacon 45					SG on pile.	
12010	- Daybeacon 46					TR on pile.	
12015	- Daybeacon 47					SG on pile.	
12020	- Daybeacon 48					TR on pile.	
12025	- Daybeacon 50					TR on pile.	
12030	- Daybeacon 52					TR on pile.	
12035	- Daybeacon 53					SG on pile.	
12040	- Daybeacon 54					TR on pile.	
12045	- Daybeacon 55					SG on pile.	
12050	- Daybeacon 57					SG on pile.	
12055	- Daybeacon 58					TR on pile.	
12060	- Daybeacon 60					TR on pile.	
12065	- Daybeacon 61					SG on pile.	
12070	- Daybeacon 62					TR on pile.	
12075	- Daybeacon 63					SG on pile.	
12080	- Daybeacon 66					TR on pile.	
12085	- Daybeacon 67					SG on pile.	
12090	- Daybeacon 68					TR on pile.	
	Burt Lake						
12095	- LIGHT 70		**Fl R** 4s	24 **7**	4	TR on pile.	
12100	- Obstruction Daybeacon	45 24 12 N 84 38 12 W				NW on pile.	
12105	- LIGHT 71		**Fl G** 4s	15 **5**	4	SG on pile.	
	Crooked River						
12110	- Daybeacon 73					SG on pile.	
12115	- Daybeacon 75					SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	Crooked Lake						
	Buoys maintained from May 7 to Nov. 1.						
12120	- LIGHT 77		**Fl G** 4s	15 **5**	4	SG on pile.	
12125	- Daybeacon 79					SG on pile.	
12130	- Daybeacon 80					TR on pile.	
12135	PICKEREL CHANNEL ENTRANCE LIGHT 2	45 24 54 N 84 47 42 W	**Fl R** 4s	15 **5**	4	TR on pile.	
12140	- Daybeacon 81					SG on pile.	
12145	- Daybeacon 82					TR on pile.	
12150	- Daybeacon 83					SG on pile.	
12155	- Daybeacon 84					TR on pile.	
12160	- Daybeacon 85					SG on pile.	
12165	- Daybeacon 86					TR on pile.	
12170	- Daybeacon 87					SG on pile.	
	DE TOUR PASSAGE TO WAUGOSHANCE POINT (Chart 14881)						
	South Channel						
12175	Cheboygan Buoy 5					Green can.	
12180	*Cheboygan Traffic Lighted Bell Buoy*		**Mo (A) W**		7	Red and white stripes.	NOTE: Vessels are requested to leave buoy on porthand in passing. Maintained from Apr. 21 to Dec. 7.
12185	Zela Shoal Buoy 6 Marks west side of shoal.					Red nun.	
12190	**Mackinac City State Pier Fog Signal**			64 **20**		On gray post.	Maintained from May 1 to Oct. 1. Private aid. HORN: 1 blast ev 4s (2s bl).
12195	MACKINAW CITY HARBOR ENTRANCE LIGHT 1		**Fl G** 2.5s	25 **8**	5	SG on pile.	
12200	MACKINAW CITY HARBOR ENTRANCE LIGHT 2		**Fl R** 4s	25 **8**	4	TR on pile.	
	North End of Lake Huron						
12205	**Martin Reef Light** Marks south side of reef.	45 54 48 N 84 08 54 W	**Al WR** 10s	65 **20**	13	White square tower on concrete crib.	HORN: 1 blast ev 30s (3s bl). Operates year round.
12210	*Pomeroy Reef Lighted Gong Buoy 2PR* Marks west side of Pomeroy Reef.		**Fl R** 4s		5	Red.	Replaced by nun from Nov. 28 to May 1.
12215	Tobin Reef Buoy 1 Marks northwest side of reef.					Green can.	
	LES CHENEAUX ISLANDS (Chart 14885)						
12220	**Crow Island Leading Light**	45 58 06 N 84 14 24 W	**Iso W** 2s	31 **9**	13	Black rectangular daymark on gray tower.	Higher intensity beam on bearing 160° diminishing around remainder of horizon.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			STRAITS OF MACKINAC				
12222	*Les Cheneaux Island Lighted Buoy 2*		**Fl R** 6s		4	Red.	Replaced by nun from Dec. 1 to May 1.
12225	*Les Cheneaux Island Lighted Buoy 3*		**Fl G** 6s		4	Green.	Replaced by can from Dec. 1 to May 1.
12230	*Les Cheneaux Island Lighted Buoy 4*		**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 1 to May 1.
12235	*Les Cheneaux Island Lighted Buoy 5*		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 1 to May 1.
12240	*Port Dolomite Lighted Buoy 7*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 1 to May 1.
12243	Port Dolomite Buoy 9					Green can.	
12245	McKAY BAY RANGE FRONT LIGHT	45 59 00 N 84 16 30 W	**F R**	23 **7**		NR on white structure.	Maintained from Apr. 1 to Dec. 1. Private aid.
12250	McKAY BAY RANGE REAR LIGHT 600 feet, 309° from front light.		**F R**	58 **18**		NR on white structure.	Maintained from Apr. 1 to Dec. 1. Private aid.
12260	*Penny Island Point Lighted Buoy 1* Marks shoal.	45 56 53 N 84 17 06 W	**Fl G** 4s		4	Green.	Maintained from May 14 to Oct. 21.
12265	Scammons Harbor Buoy 3					Green can.	Maintained from May 14 to Oct. 21.
12270	*Scammons Harbor Lighted Buoy 4*		**Fl R** 2.5s		4	Red.	Maintained from May 14 to Oct. 21.
12275	ISLE ISIDORE LIGHT	45 58 12 N 84 18 18 W	**Fl W** 4s	15 **5**		White triangular tower.	Maintained from Jul. to Sep. Private aid.
	Cedarville East Channel						
	Buoys maintained from May 14 to Oct. 21.						
12280	- Buoy 5 Marks east side of shoal.					Green can.	
12285	- Buoy 6					Red nun.	
12290	*- Lighted Buoy 7*		**Fl G** 4s		4	Green.	
12295	- Buoy 8					Red nun.	
12300	- Buoy 9					Green can.	
12305	- Buoy 10					Red nun.	
12310	- Buoy 11					Green can.	
12315	- Buoy 12					Red nun.	
12320	- Buoy 13					Green can.	
	Les Cheneaux Islands Middle Entrance						
12325	- Buoy 1 Marks southeast side of shoal.	45 56 48 N 84 20 00 W				Green can.	
	Buoys maintained from May 14 to Oct. 21.						
12330	- Buoy 3					Green can.	
12335	- Buoy 4					Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			STRAITS OF MACKINAC				
12340	- Buoy 5	45 57 24 N 84 21 12 W				Green can.	
12345	- Buoy 7					Green can.	
12350	- Buoy 8					Red nun.	
12355	- Buoy 10					Red nun.	
12360	Goose Island Buoy 1					Green can.	
12365	Goose Island Shoal Buoy 1 Marks southeast side of shoal.					Green can.	
12370	*Goose Island Shoal Lighted Buoy 2* Marks northwest side of shoal.		**Fl R** 4s		4	Red.	Replaced by nun from Oct. 21 to May 14.
	Les Cheneaux Islands West Entrance						
	Buoys maintained from May 14 to Oct. 21.						
12375	*- Lighted Buoy 1* Marks shoal.	45 57 48 N 84 27 06 W	**Fl G** 4s		4	Green.	
12380	*- Lighted Buoy 2* Marks northwest side of shoal.		**Fl R** 4s		4	Red.	
12385	*- Lighted Buoy 3* Marks shoal.		**Fl G** 4s		4	Green.	
12390	*- Lighted Buoy 4* Marks west side of shoal.		**Fl R** 4s		4	Red.	
12395	- Buoy 5					Green can.	
12400	- Buoy 6					Red nun.	
12405	- Buoy 8					Red nun.	
	Mackinac Bay Passage						
	Buoys maintained from May 14 to Oct. 21.						
12410	- Buoy 10					Red nun.	
12415	- Buoy 11					Green can.	
12420	- Buoy 12					Red nun.	
12425	- Buoy 13					Green can.	
12430	- Buoy 14					Red nun.	
12435	- Buoy 15					Green can.	
12440	- Buoy 16					Red nun.	
12441	Mackinac Bay Passage Buoy 16A	42 36 58 N 82 49 06 W				Red nun.	
12445	- Buoy 17					Green can.	
12450	- Buoy 18					Red nun.	
12455	- Buoy 19					Green can.	
12460	- Buoy 20					Red nun.	
12465	- Buoy 21					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			STRAITS OF MACKINAC				
12470	- Buoy 22					Red nun.	
12475	- Buoy 23					Green can.	
	Muscallonge Bay						
	Buoys maintained from May 14 to Oct. 21.						
12480	- Buoy 24					Red nun.	
12485	- Buoy 25					Green can.	
12490	- Buoy 26					Red nun.	
12495	- Buoy 27					Green can.	
12500	*- Lighted Buoy 29*		**Fl G** 4s		4	Green.	
	Cedarville West Channel						
	Buoys maintained from May 14 to Oct. 21.						
12505	- Buoy 30					Red nun.	
12510	*- Lighted Buoy 31*		**Fl G** 4s		4	Green.	
12515	- Buoy 32					Red nun.	
12520	- Buoy 33					Green can.	
12525	- Buoy 34					Red nun.	
12530	- Buoy 35					Green can.	
	DE TOUR PASSAGE TO WAUGOSHANCE POINT (Chart 14881)						
12535	BOIS BLANC LIGHT	45 48 36 N 84 25 18 W	**Fl W** 2.5s	32 **10**	7	White cylindrical tower. 17	Visible from 101° to 311°.
	Round Island Passage						
12540	*Mission Point Lighted Bell Buoy 2* Marks shoal.		**Q R**		4	Red.	Replaced by nun from Dec. 7 to Apr. 28.
12545	MACKINAC ISLAND EAST BREAKWATER LIGHT 2		**Fl R** 4s	25 **8**	5	TR on white pile.	
12550	MACKINAC ISLAND WEST BREAKWATER LIGHT 1		**Fl G** 2.5s	33 **10**	4	SG on post.	
12565	PASSENGER PIERHEAD LIGHT		**F R**	20 **6**		On white post.	Maintained from May 1 to Oct. 1. Private aid. BELL: Hand.
12570	COAL DOCK PIERHEAD LIGHT		**F W**	14 **4**		On white post.	Maintained from May 1 to Oct. 1. Private aid.
12575	*Round Island Lighted Buoy 3* Marks shoal.		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to Apr. 28.
12580	**- Light**	45 50 36 N 84 36 54 W	**Fl R** 5s	71 **22**	14	On white skeleton tower.	RACON: X (**–• • –**). HORN: 1 blast ev 30s (3s bl). Operates from May 1 to Oct. 20.
12585	OLD ROUND ISLAND POINT LIGHT	45 50 12 N 84 37 00 W	**Fl W** 10s	53 **16**		Red and white conical tower.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			STRAITS OF MACKINAC				
12590	*Round Island Shoal Lighted Buoy 5* Marks shoal.		**Q G**		4	Green.	Replaced by can from Dec. 7 to Apr. 28.
12595	Majors Shoal East Buoy 1 Marks east side of shoal.					Green can.	Replaced by smaller can from Dec. 7 to Apr. 28.
12600	*Majors Shoal Lighted Buoy 3* Marks west side of shoal.		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 7 to Apr. 28.
12605	*North Graham Shoal Lighted Bell Buoy 3* Marks east side of shoal.		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to Apr. 28.
12606	St. Ignace Coast Guard Basin Buoy 2	45 51 18 N 84 42 06 W				Red nun.	Maintained from Apr. 28 to Dec. 7.
12607	ST. IGNACE COAST GUARD SLIP LIGHT	45 51 18 N 84 42 06 W	**Fl W** 6s	16 **5**	4	NW on dolphin.	
12610	ST. IGNACE MARINA LIGHT	45 51 59 N 84 43 07 W	**Oc R** 4s	15 **5**			Maintained from May 1 to Nov. 1. Private aid.
12615	NORTHWESTERN DOCK LIGHT	45 52 30 N 84 42 54 W	**Q W**	20 **6**		On middle of three mooring dolphins.	Maintained from Apr. 15 to Dec. 15. Private aid.
	Mackinaw Bridge						
	Buoys maintained from Apr. 28 to Dec. 7.						
12625	*- Lighted Bell Buoy 1*	45 48 29 N 84 42 26 W	**Fl G** 4s		4	Green.	
12630	*- Lighted Gong Buoy 2*		**Fl R** 4s		4	Red.	
12635	South Graham Shoal Buoy 2A Marks south side of shoal.					Red nun.	
12640	**- Fog Signal**					On center span of Mackinac Bridge.	Private aid. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si).
12645	*- Lighted Bell Buoy 3*	45 48 39 N 84 44 08 W	**Fl G** 2.5s		5	Green.	
12650	*- Lighted Gong Buoy 4*		**Fl R** 2.5s		5	Red.	

Section 10

Lake Huron, Canada and St. Mary's River

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE HURON, CANADA				
	PORT HURON TO PTE AUX BARQUES (Chart 14862)						
	East Side						
12660	**Goderich (Main) Light** (C)	43 44 30 N 81 43 36 W	**Fl (2) W** 25s 0.5s fl 5.5s ec. 0.5s fl 18.5s ec.	140 **43**	18	White square tower with red top. 33	Seasonal.
12670	**Point Clark Light** (C)	44 04 24 N 81 45 24 W	**Fl W** 3.5s	93 **28**	16	White circular tower. 69	Seasonal.
12675	**Cove Island Light** (C)	45 19 36 N 81 44 06 W	**Fl W** 5s	101 **31**	18	White circular tower with dwelling attached.	Seasonal. Emergency light.
12685	**Great Duck Island Light** (C)	45 38 30 N 82 57 48 W	**Fl (3) W** 15s fl 2.5s ec. fl 2.5s ec. fl 10s ec.	108 **33**		White octagonal tower. 85	Seasonal. Emergency light.
			ST. MARYS RIVER				
	DE TOUR PASSAGE TO MUNUSCONG LAKE (Chart 14882)						
	Potagannissing Bay						
12690	BURNT ISLAND REEF LIGHT 1		**Fl G** 4s	40 **12**	5	SG on skeleton tower. 30	
12695	*Bacon Shoal Lighted Buoy 3*		**Fl G** 2.5s		4	Green.	Replaced by can from Oct. 28 to May 14.
12700	Big Trout Island Buoy 4					Red nun.	
12704	Bow Island Buoy 1	46 02 01 N 83 49 30 W				Green can.	
12705	Sturgeon Bay Shoal Buoy 2					Red nun.	
12707	Gull Island Buoy 3					Green can.	
12710	Cheney Shoal Buoy 5					Green can.	Maintained from May 14 to Oct. 28.
12715	Wreck Island Buoy 6					Red nun.	Maintained from May 14 to Oct. 28.
12720	Howard Island Buoy 7					Green can.	Maintained from May 14 to Oct. 28.
	Drummond Island Shoal Yacht Haven Channel						
	Aids maintained from May 15 to Oct. 15.						
12725	- Buoy 1	46 01 42 N 83 44 48 W				Green can.	Private aid.
12730	- Buoy 2					Red nun.	Private aid.
12735	- Buoy 3					Green can.	Private aid.
12740	- Buoy 4					Red nun.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
12745	Roggs Island Buoy 8					Red nun.	Maintained from May 14 to Oct. 28.
12746	Quarry Island Buoy 8A	46 02 00 N 83 44 01 W				Red nun.	Maintained from May 14 to Oct. 28.
12750	Quarry Island Buoy 9					Green can.	Maintained from May 14 to Oct. 28.
12753	Grape Island Buoy 10					Red nun.	Maintained from May 14 to Oct. 28.
12755	Harbor Island Shoal Buoy 11					Green can.	Maintained from May 14 to Oct. 28.
12760	Propeller Island Shoal Buoy 13					Green can.	Maintained from May 14 to Oct. 28.
12763	Bruce Point Buoy 14					Red nun.	Maintained from May 14 to Oct. 28.
	Drummond Island - South Side						
12765	Big Shoal Buoy 2					Red nun.	
12770	**De Tour Reef Light**	45 56 54 N 83 54 12 W	**Fl W** 10s **(R sector)**	74 **23**	W 18 R 15	White square superstructure square tower on concrete crib.	Red from 079.5° to 189.5°. RACON (x/s): D (**– • •**). HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si). Operates Apr. 1 to Nov. 1.
	Whitney Bay						
	Aids maintained from Jun. 1 to Oct. 1.						
12780	- East Entrance Buoy 2					Red nun.	Private aid.
12785	- East Entrance Buoy 4					Red nun.	Private aid.
12790	- East Entrance Buoy 6					Red nun.	Private aid.
12795	- West Entrance Buoy 1					Green can.	Private aid.
12800	- West Entrance Buoy 3					Green can.	Private aid.
12805	- West Entrance Buoy 4					Red nun.	Private aid.
12810	- West Entrance Buoy 5					Green can.	Private aid.
	De Tour Passage						
12815	*- Lighted Buoy 2*		**Fl R** 6s		5	Red.	Replaced by nun from Dec. 7 to May 1.
12820	- Buoy 3					Green can.	
12825	*Crab Island Shoal Lighted Bell Buoy 4* Marks west side of shoal.		**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 7 to May 1.
12830	Drummond Island Shoal Buoy 6					Red nun.	
12835	FRYING PAN ISLAND LIGHT 7	45 59 12 N 83 53 48 W	**Q G**	20 **6**	5	SG on post. 20	Higher intensity beam on bearing 176° and 356° diminishing around remainder of horizon.
12840	DETOUR HARBOR ENTRANCE LIGHT 2	45 59 42 N 83 54 00 W	**Fl R** 4s	28 **9**	3	TR on pile.	
12845	Drummond Island Shoal Buoy 8	45 59 12 N 83 52 48 W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
	Lower River						
12850	WATSON REEFS LIGHT 9A		**Fl G** 4s	33 **10**	6	SG on post on tripod foundation.	Higher intensity beam upstream.
12855	Watson Reefs Buoy 9 Marks east side of reef.					Green can.	
12860	Watson Reefs Buoy 11					Green can.	
12865	*Pipe Island Shoal Lighted Buoy 1* Marks southeast side of shoal.		**Fl G** 2.5s		5	Green.	Replaced by can from Dec. 7 to May 1.
12870	Sims Point Buoy 2					Red nun.	
	Pipe Island						
12875	**- Light**	46 01 00 N 83 54 00 W	**Fl W** 5s	52 **16**	17	KRW on yellow octagonal tower with black skeleton superstructure. 44	
12880	*- Lighted Buoy 12*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to May 1.
12885	- TWINS LIGHT	46 01 36 N 83 53 30 W	**Fl W** 2.5s	27 **8**	6	NG on post.	
12890	*- Twins Lighted Buoy 3*	46 01 43 N 83 53 25 W	**Q G**		4	Green.	Replaced by can from Dec. 7 to May 1.
	Lower River						
12895	SQUAW ISLAND LIGHT 4	46 02 18 N 83 54 18 W	**Fl R** 2.5s	26 **8**	5	TR on post.	
12905	SWEETS POINT LIGHT 13 Marks north side of shoal.	46 02 18 N 83 56 12 W	**Fl G** 2.5s	20 **6**	5	White cylindrical tower with green stripe in middle.	Higher intensity beam on bearings 316° and 121° diminishing around remainder of horizon.
	Lime Island						
12907	*- Lighted Buoy 14*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to May 1.
12910	*- Lighted Buoy 14A*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to May 1.
12915	*- Traffic Lighted Buoy*		**Mo (A) W**		7	Red and white stripes.	Vessels are required to leave buoy to port when passing. Replaced by LIB from Dec. 7 to May 1.
12920	*- Lighted Buoy 15*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to May 1.
12925	- COAL DOCK LIGHT	46 05 12 N 84 00 48 W	**Oc Y** 4s	27 **8**	4	On post.	
12930	- COAL DOCK PASSING LIGHT		**Fl Y** 6s	27 **8**	4	On post.	
12935	*- Lighted Buoy 16*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to May 1.
	Lower River						
12940	ROUND ISLAND LIGHT	46 06 36 N 84 01 12 W	**Fl W** 2.5s **(R sector)**	28 **9**	7	NG on post.	Red from 145° to 186°. Obscured from 358° to 145°.
12945	*Round Island Lighted Buoy 17*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to May 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
12950	Round Island Buoy 18					Red nun.	
12955	*Hay Point Reef Lighted Buoy 18A*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to May 1.
	Point Aux Frenes						
12960	*- Lighted Buoy 19*		**Q G**		4	Green.	Replaced by LIB from Dec. 7 to May 1.
12965	*- Lighted Buoy 20*		**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 7 to May 1.
12975	- LIGHT 21	46 08 12 N 84 01 12 W	**Q G**	34 **10**	6	SG on post on concrete structure.	
12980	*- Lighted Buoy 22*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to May 1.
12985	*- Lighted Buoy 23*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to May 1.
12990	*- Lighted Buoy 24*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to May 1.
	Munuscong Lake						
12995	HAY POINT RANGE FRONT LIGHT (C)	46 07 42 N 84 00 00 W	**F W**	38 **12**		White daymark with orange stripe on square tower. 29	Seasonal.
13000	HAY POINT RANGE REAR LIGHT 1,100 feet, 128° from front light. (C)		**F W**	60 **18**		White daymark with orange stripe on square tower. 51	Seasonal.
13005	*- Lighted Buoy 25*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to May 1.
13010	*- Lighted Buoy 26*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to May 1.
	MUNUSCONG LAKE TO SAULT STE. MARIE (Chart 14883)						
	Munuscong Channel (Upbound)						
13015	WINTER POINT RANGE FRONT LIGHT	46 13 36 N 84 08 42 W	**F W**	45 **14**		KRW on white skeleton tower.	Visible 8° each side of rangeline. Lighted throughout 24 hours.
13020	WINTER POINT RANGE FRONT PASSING LIGHT		**Fl W** 2.5s	43 **13**			Light operational during winter navigational season only.
13025	WINTER POINT RANGE REAR LIGHT 4,000 feet, 321° from front light.		**F W**	82 **25**		KRW on white skeleton tower. 60	Visible 8° each side of rangeline. Lighted throughout 24 hours.
13030	*- Junction Lighted Bell Buoy*		**Fl (2+1) G** 6s		7	Green and red bands.	Replaced by LIB from Dec. 14 to Apr. 28. Range is 4NM when LIB is on station.
13035	*- Lighted Buoy 2*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 28.
13040	- Buoy 3					Green can.	
13045	- Buoy 4					Red nun.	
13050	*- Lighted Buoy 5*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 21.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
13055	*- Lighted Buoy 6*		**Q R**		4	Red.	Replaced by LIB from Dec. 14 to Apr. 21.
13060	- Buoy 7					Green can.	
13065	*- Lighted Buoy 8*		**Q R**		4	Red.	Replaced by LIB from Dec. 14 to Apr. 21.
13070	*- Lighted Buoy 9*		**Fl G** 4s		4	Green.	Replaced by LIB from Dec. 7 to Apr. 21.
13075	- Buoy 10					Red nun.	
13080	*- Lighted Buoy 11*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to Apr. 21.
13085	*- Lighted Buoy 12*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 1 to Apr. 28.
13090	*- Lighted Buoy 13*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 1 to Apr. 21.
13095	- Buoy 15					Green can.	
	Sailors Encampment Channel						
13100	- UPBOUND RANGE FRONT LIGHT (C)	46 15 42 N 84 05 54 W	**F W**	76 **23**		White daymark with orange stripe on square tower. 49	Seasonal.
13105	- UPBOUND RANGE REAR LIGHT 2,183 feet, 017° from front light. (C)		**F W**	104 **32**		White daymark with orange stripe on square tower. 58	Seasonal.
13110	*Everens Point Lighted Buoy Q16* (C)		**Fl R** 4s			Red.	Spar; winter marker. Seasonal.
13115	*- Lighted Buoy 17*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 1 to Apr. 28.
13120	JOHNSONS POINT LIGHT 19	46 15 18 N 84 06 06 W	**Fl G** 2.5s	29 **9**	8	SG on pile.	Higher intensity beam up and down stream.
13125	*- Lighted Buoy 21*		**Q G**		4	Green.	Replaced by LIB from Dec. 1 to Apr. 21.
13130	*- Lighted Buoy Q22* (C)		**Fl R** 4s			Red.	Spar; winter marker. Seasonal.
13135	RAINS WHARF RANGE FRONT LIGHT (C)	46 15 18 N 84 05 42 W	**F W**	32 **10**		White daymark with orange stripe on circular tower. 26	Visible on range line only. Passing light F W, visible all around. Seasonal.
13140	RAINS WHARF RANGE REAR LIGHT 880 feet, 134.9° from front light. (C)		**F W**	53 **16**		White daymark with orange stripe on skeleton tower. 47	Seasonal.
13145	POINT OF WOODS RANGE FRONT LIGHT	46 16 18 N 84 07 12 W	**F W**	31 **9**		KRW on triangular skeleton tower. 36	Lighted throughout 24 hours.
13155	POINT OF WOODS RANGE REAR LIGHT 606 feet, 314° from front light.		**F W**	41 **12**		KRW on square skeleton tower.	Lighted throughout 24 hours.
13160	- Buoy 23					Green can.	
13165	*- Lighted Buoy 25*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 1 to Apr. 21.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
	Munuscong Channel						
13170	Dark Hole East Range Front Daybeacon	46 15 54 N 84 06 54 W				KRG on square skeleton tower.	Range marks eastern half of of channel. F G light operated from Nov. 15 to Apr. 15.
13175	Dark Hole East Range Rear Daybeacon 500 feet, 176.5° from front daybeacon.					KRG on skelton tower, upper part enclosed.	F G light operated from Nov. 15 to Apr. 15.
13180	DARK HOLE WEST RANGE FRONT LIGHT	46 15 54 N 84 07 00 W	**Q W**	28 **9**		KRW on square skeleton tower.	Range marks western half of channel. Lighted throughout 24 hours.
13185	DARK HOLE WEST RANGE REAR LIGHT 425 feet, 177.5° from front light.		**F W**	72 **22**		KRW on square skeleton tower.	Range marks western half of channel. Lighted throughout 24 hours.
13190	Harwood Point East Range Front Daybeacon					KRG on cylindrical tower.	For upbound traffic. Range marks eastern half of channel. F R light operated from Nov. 15 to Apr. 15. Lighted throughout 24 hours.
13195	Harwood Point East Range Rear Daybeacon 1,002 feet, 357° from front daybeacon.					KRG on cylindrical tower.	F R light operated from Nov. 15 to Apr. 15. Lighted throughout 24 hours.
13200	HARWOOD POINT WEST RANGE FRONT LIGHT	46 19 18 N 84 07 18 W	**F W**	30 **9**		KRW on white cylindrical tower.	Range marks western half of channel. Visible on range line only. Lighted throughout 24 hours.
13205	HARWOOD POINT WEST RANGE REAR LIGHT 1,002 feet, 357° from front light.		**F W**	48 **15**		KRW on white cylindrical tower.	Lighted throughout 24 hours.
13210	*- Lighted Buoy 27*		**Q G**		4	Green.	Replaced by can from Dec. 7 to Apr. 21.
13215	*Coyle Point Lighted Buoy Q28* (C)		**Q R**			Red.	Spar; winter marker.
13217	*- Lighted Buoy 29*		**Fl G** 2.5s		4	Green.	Replaced by LIB from Dec. 7 to Apr. 21.
13220	- Buoy 31					Green can.	
13225	*Coyle Point North Lighted Buoy Q30* (C)	46 16 52 N 84 06 58 W	**Fl R** 4s			Red.	Spar; winter marker. Seasonal.
13235	*- Lighted Buoy 33*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 1 to Apr. 21.
13240	*Green Point Lighted Buoy Q34* (C)		**Fl R** 4s			Red.	Spar; winter marker. Seasonal.
13245	*- Lighted Buoy 35*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 21.
13250	*Lighted Buoy Q36* (C)		**Fl R** 4s			Red.	
13255	- LIGHT 39	46 18 36 N 84 07 12 W	**Q G**	30 **9**	5	SG on post on concrete cone.	
13256	Hen Island Daybeacon H	46 18 33 N 84 07 53 W		16 **5**		NB on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
	Middle Neebish Channel						
13260	STRIBLING POINT UPBOUND RANGE FRONT LIGHT (C)	46 18 48 N 84 06 54 W	**F W**	64 **20**		White daymark with orange stripe on skeleton tower. 43	Seasonal.
13265	STRIBLING POINT UPBOUND RANGE REAR LIGHT 3,154 feet, 111.9° from front light. (C)		**F W**	100 **30**		White daymark with orange stripe on square skeleton tower. 43	
13275	MIDDLE NEEBISH SOUTH RANGE FRONT LIGHT	46 19 54 N 84 11 06 W	**Q W**	16 **5**		KRW on red steel structure.	
13280	MIDDLE NEEBISH SOUTH RANGE REAR LIGHT 5,700 feet, 292° from front light.		**F W**	50 **15**		KRW on square skeleton tower.	
13285	- *Lighted Buoy 43*		**Q G**		4	Green.	Replaced by LIB from Dec. 14 to Apr. 21.
13290	Hardwood Point Junction Buoy HP	46 19 19 N 84 08 29 W				Red nun with green band.	
13295	- Buoy 45					Green can.	
13300	- Buoy 46					Red nun.	
13310	- *Lighted Buoy 49*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 28 to Apr. 21.
13315	- LIGHT 50		**Fl R** 4s	26 **8**	4	TR on post.	
13320	- Buoy 51					Green can.	
13325	- LIGHT 54	46 19 36 N 84 09 36 W	**Fl R** 4s	26 **8**	4	TR on post.	
13330	- Buoy 55					Green can.	
13335	- Buoy 57					Green can.	
13340	- LIGHT 58		**Fl R** 4s	20 **6**	4	TR on post.	
13345	- *Lighted Buoy 59*		**Fl G** 2.5s		4	Green.	Replaced by LIB from Dec. 7 to Apr. 21.
13350	- Buoy 60					Red nun.	
13353	- LIGHT 61	46 20 00 N 84 11 00 W	**Q G**	26 **8**	4	SG on post.	Maintained from Apr. 14 to Nov. 14.
	Lake Nicolet						
13355	Lower Nicolet East Range Front Daybeacon	46 19 30 N 84 10 30 W		42 **13**		KRG on skeleton tower.	F G light operated from Nov. 15 to Apr. 15. Lighted throughout 24 hours.
13360	Lower Nicolet East Range Rear Daybeacon 1,760 feet, 150.3° from front daybeacon.			60 **18**		KRG on skeleton tower.	F G light operated from Nov. 15 to Apr. 15. Lighted throughout 24 hours.
13365	LOWER NICOLET WEST RANGE FRONT LIGHT	46 19 30 N 84 10 36 W	**F W**	53 **16**		KRW on skeleton tower.	Lighted throughout 24 hours.
13370	LOWER NICOLET WEST RANGE REAR LIGHT 3,750 feet, 150° from front light.		**F W**	100 **30**		KRW on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
13375	MIDDLE NEEBISH LIGHT 62	46 20 06 N 84 11 00 W	**Q R**	34 **10**	5	TR on post.	
13380	*- Lighted Buoy 63*		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 7 to Apr. 21.
13385	*- Lighted Buoy 64*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
13390	*- Lighted Buoy 65*		**Fl G** 4s		4	Green.	Replaced by LIB from Dec. 7 to Apr. 21.
13395	*- Lighted Buoy 66*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to Apr. 21.
13400	*- Lighted Buoy 67*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to Apr. 21.
13405	*- Lighted Buoy 68*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 28 to Apr. 21.
13410	*- Lighted Buoy 69*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 28 to Apr. 21.
13425	*- Lighted Buoy 72*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 28 to Apr. 14.
13430	*- Lighted Buoy 73*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 28 to Apr. 14.
13445	*- Lighted Buoy 76*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 28 to Apr. 14.
13450	*- Lighted Buoy 77*		**Fl G** 4s		4	Green.	Replaced by LIB from Dec. 14 to Apr. 14.
13455	- Buoy 78					Red nun.	
13460	*- Lighted Buoy 79*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 21 to Apr. 14.
13465	- LIGHT 80	42 23 36 N 84 13 48 W	**Fl R** 2.5s	27 **8**	4	TR on post.	
	West Neebish Channel (Downbound)						
13470	- UPPER RANGE FRONT LIGHT	46 20 18 N 84 12 18 W	**Q W**	38 **12**		KRW on skeleton tower.	Visible 3° each side of range line.
13475	- UPPER RANGE REAR LIGHT 6,300 feet, 160° from front light.		**F W**	80 **24**		KRW on red and white square skeleton tower.	
13480	- LIGHT 54	46 22 48 N 84 13 36 W	**Fl R** 4s	34 **10**	6	TR on post.	
13485	*- Lighted Buoy 53*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 14.
13490	- Buoy 52					Red nun.	
13495	- Buoy 51					Green can.	
13500	*- Lighted Buoy 50*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 21 to Apr. 14.
13505	- LIGHT 49		**Q G**	32 **10**	5	SG on column on concrete cone.	
13510	*- Lighted Buoy 48*	46 21 12 N 84 12 42 W	**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
13515	- OAK RIDGE RANGE FRONT LIGHT	46 17 06 N 84 12 54 W	**F G**	70 **21**		KRW on skeleton tower.	Lighted throughout 24 hours.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
13520	- OAK RIDGE RANGE REAR LIGHT 1,950 feet, 181° from front light.		**F G**	140 **43**		KRW on square skeleton tower.	Lighted throughout 24 hours.
13525	- *Lighted Buoy 46*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
13530	- LIGHT 45		**Fl G** 2.5s	32 **10**	5	SG on black tripod tower.	
13535	- Buoy 44					Red nun.	
13540	- Buoy 43					Green can.	
13545	- *Lighted Buoy 42*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 21 to Apr. 21.
13550	- *Lighted Buoy 41*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 21 to Apr. 21.
13555	- *Lighted Buoy 40*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 21 to Apr. 21.
13560	- *Lighted Buoy 39*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 21 to Apr. 21.
13565	- *Lighted Buoy 38*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 1 to Apr. 21.
13570	- *Lighted Buoy 37*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 1 to Apr. 21.
13575	- *Lighted Buoy 36*		**Fl R** 2.5s		4	Red.	Replaced by LIB from Dec. 14 to Apr. 21.
13580	- Buoy 35					Green can.	
13585	- Buoy 34					Red nun.	
13590	- LIGHT 33		**Q G**	32 **10**	4	SG on black column adjoining small house.	
13595	- LIGHT 32		**Q R**	31 **9**	4	TR on post.	
13600	**Rock Cut Lower Leading Light**	46 15 06 N 84 10 36 W	**F W**	29 **9**	15	KRW on square skeleton tower.	Lighted throughout 24 hours.
13605	- LIGHT 30		**F R**	31 **9**	5	TR on post.	
13610	- LIGHT 29	46 16 54 N 84 12 30 W	**Q G**	31 **9**	5	SG on post.	
13615	- LIGHT 28		**Iso R** 6s	32 **10**	4	TR on triangular skeleton tower. 32	
13620	- LIGHT 27		**Iso G** 6s	32 **10**	4	SG on triangular skeleton tower.	
13625	- LIGHT 26		**F R**	34 **10**	4	TR on triangular skeleton tower.	
13630	- LIGHT 25		**F G**	34 **10**	4	SG on triangular skeleton tower.	
13635	- *Lighted Buoy 24*		**Q R**		4	Red.	Replaced by nun from Dec. 14 to Apr. 21.
13640	*Sawmill Point Lighted Buoy 23*		**Q G**		4	Green.	Replaced by LIB from Dec. 14 to Apr. 21.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
13645	*Sawmill Point Lighted Buoy 22*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 21.
13650	MOON ISLAND LEADING LIGHT		**F W**	40 **12**	6	Cylindrical tower with black band.	
13655	- Buoy 20					Red nun.	
13660	- Buoy 19					Green can.	
13665	*- Lighted Buoy 18*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 28 to Apr. 21.
13670	- LIGHT 17		**Fl G** 4s	32 **10**	9	SG on post.	Higher intensity beam on bearing 171°.
13675	*Kemps Point Lighted Buoy 15A*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 21.
13680	- LIGHT 16		**Q R**	32 **10**	4	TR on post on concrete base.	
13685	*- Lighted Buoy 15*		**Q G**		4	Green.	Replaced by can from Dec. 14 to Apr. 21.
13690	- LIGHT 14		**Q R**	24 **7**	4	TR on post.	
13695	*Moon Island Lighted Buoy 13*		**Fl G** 2.5s		4	Green.	LIB; winter marker. Maintained from Apr. 21 to Dec. 14.
13700	*- Lighted Buoy 12*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 28 to Apr. 21.
13705	*- Lighted Buoy 11*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 28 to Apr. 21.
13710	*- Lighted Buoy 10*		**Fl R** 2.5s		4	Red.	Replaced by nun from Nov. 28 to Apr. 28.
13715	- LIGHT 9	46 12 36 N 84 09 00 W	**Fl G** 2.5s	42 **13**	5	SG on white cylindrical tower with green stripe in middle.	
13720	- Buoy 8					Red nun.	
13725	- Buoy 7					Green can.	
13730	*- Lighted Buoy 6*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 28 to Apr. 28.
13735	*- Lighted Buoy 5*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 28 to Apr. 28.
13740	- Buoy 4					Red nun.	
13745	- Buoy 3					Green can.	
13750	*- Lighted Buoy 2*		**Fl R** 2.5s		4	Red.	Replaced by nun from Nov. 28 to Apr. 28.
13755	*- Lighted Buoy 1*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 28 to Apr. 28.
	Lake George						
	East Neebish Island Channel						
13760	- Buoy 1					Green can.	
13765	- Buoy 2					Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
	Buoys maintained from May 7 to Oct. 28.						
13770	*- Lighted Buoy 3*		**Fl G** 4s		4	Green.	
13775	- Buoy 5					Green can.	
13780	- Buoy 7					Green can.	
13785	- Buoy 8					Red nun.	
13790	- Buoy 9					Green can.	
13795	- Buoy 11					Green can.	
13800	*- Lighted Buoy 12*		**Fl R** 4s		4	Red.	
13805	- Buoy 13					Green can.	
13810	- Buoy 14					Red nun.	
13815	*Birch Point Lighted Buoy QV18* (C)	46 22 18 N 84 08 12 W	**Fl R** 4s			Red spar.	Seasonal.
	Lake George Channel						
	Buoys maintained from May 7 to Oct. 28. Due to frequently changing conditions, positions of buoys are not listed.						
13820	- Buoy 1					Green can.	
13825	*Pumpkin Point Lighted Buoy QX2* (C)	46 23 30 N 84 08 30 W	**Fl R** 4s			Red spar.	Seasonal.
13830	- Buoy 3					Green can.	
13835	- Buoy 3A					Green can.	
13840	- Buoy 4A					Red nun.	
13845	- Buoy 5					Green can.	
13850	- Buoy 6					Red nun.	
13855	- Buoy 7					Green can.	
13860	- Buoy 8					Red nun.	
13865	- Buoy 9					Green can.	
13870	- Buoy 10					Red nun.	
13875	- Buoy 11					Green can.	
13880	- Buoy 12					Red nun.	
13885	- Buoy 13					Green can.	
13890	- Buoy 14					Red nun.	
13895	*- Lighted Buoy 15*		**Fl G** 4s		4	Green.	
13900	- Buoy 16					Red nun.	Maintained year round.
	Sugar Island North Channel						
	Buoys maintained from May 7 to Oct. 28.						
13905	*- Lighted Buoy 1*		**Fl G** 4s		4	Green.	Replaced by can from Oct. 28 to May 7.
13910	- Buoy 5					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
13912	- Buoy 6					Red nun.	
13915	- Buoy 6A					Red nun.	
13920	- Buoy 7					Green can.	
13925	- Buoy 8					Red nun.	
13930	- Buoy 9					Green can.	
13935	- Buoy 13					Green can.	
13940	- Buoy 15					Green can.	
13945	- Buoy 30					Red nun.	
13950	- Buoy 31					Green can.	
	Lake Nicolet						
13955	UPPER NICOLET RANGE FRONT LIGHT	46 27 18 N 84 15 54 W	**F W**	40 **12**		KRW on square skeleton tower.	For upbound traffic. Visible on range line only.
13960	UPPER NICOLET RANGE REAR LIGHT 3,105 feet, 339.5° from front light.		**F W**	82 **25**		KRW on skeleton tower.	
13965	*- Lighted Buoy 82*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 21 to Apr. 14.
13970	*- Lighted Buoy 83*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 21 to Apr. 14.
13975	- Buoy 84					Red nun.	
13980	- Buoy 85					Green can.	
13985	- Anchorage Buoy A					Yellow can.	
13990	- Anchorage Buoy B					Yellow can.	
13995	- Buoy 86					Red nun.	
14000	*- Lighted Buoy 86A*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 21 to Apr. 14.
14005	*Six Mile Point Lighted Buoy 87*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 14.
14010	FRECHETTE POINT LIGHT 91		**Fl G** 2.5s	30 **9**		SG on same structure as Frechette Point Range Front Light.	
14015	FRECHETTE POINT RANGE FRONT LIGHT	46 27 18 N 84 16 42 W	**Q G**	30 **9**		KRW on square skeleton tower.	Visible on range line only.
14020	FRECHETTE POINT RANGE REAR LIGHT 4,483 feet, 323.3° from front light.		**F G**	90 **27**		KRW on triangular skeleton tower.	Visible on range line only.
14025	- LIGHT 88	46 26 48 N 84 16 06 W	**Fl R** 2.5s	34 **10**	6	TR on post on concrete foundation.	
14030	*- Lighted Buoy 89*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 14.
14035	- Buoy 90					Red nun.	
14040	**Sugar Island Leading Light**	46 24 42 N 84 14 00 W	**Iso W** 6s	50 **15**	15	KRW on square skeleton tower.	Lighted throughout 24 hours.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
	Little Rapids Cut						
14045	SIX MILE POINT RANGE FRONT LIGHT	46 26 24 N 84 16 00 W	**F W**	26 **8**		KRW on white cylindrical tower.	Lighted throughout 24 hours.
14050	SIX MILE POINT RANGE REAR LIGHT 2,824 feet, 153° from front light.		**Iso W** 6s	65 **20**		KRW on steel skeleton tower.	
14055	*- Lighted Buoy 92*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 21 to Apr. 14.
14060	*- Junction Lighted Buoy*	46 27 36 N 84 17 00 W	**Fl (2+1) G** 6s		4	Green and red bands.	Replaced by can from Nov. 21 to Apr. 14.
	Little Rapids Channel						
	Buoys maintained from May 14 to Nov. 14.						
14065	- Buoy 2					Red nun.	
14070	- Buoy 4					Red nun.	
14075	- Buoy 5					Green can.	
14080	- Buoy 6					Red nun.	
14085	- Buoy 8					Red nun.	
	Little Rapids Cut						
14090	- LIGHT 95		**Fl G** 2.5s	18 **5**	4	SG on column on concrete pier.	
14095	- LIGHT 96		**Fl R** 2.5s	20 **6**	4	TR on column on concrete pier.	
14100	- LIGHT 98		**Q R**	25 **8**	6	TR on triangular tower.	
14105	*- Lighted Ice Buoy 98B*		**Q R**		3	Red ice buoy.	Marks upstream end of ice boom on Eastern side of river. On station only during deployment of ice boom.
14110	- LIGHT 99		**F G**	32 **10**	9	SG on skeleton tower. 30	Visible 120° to 335°.
14115	MISSION POINT OBSTRUCTION LIGHT D	46 29 18 N 84 17 54 W	**Fl W** 6s	20 **6**	5	On post.	
14120	MISSION POINT OBSTRUCTION LIGHT A		**Fl W** 4s	20 **6**	5	On post.	
14125	MISSION POINT OBSTRUCTION LIGHT E		**Fl W** 4s	20 **6**	5	On post.	
14130	*- Lighted Buoy 101*	46 29 24 N 84 18 18 W	**Fl G** 4s		4	Green.	Maintained from Apr. 14 to Dec. 7.
14135	*- Junction Lighted Buoy LR*		**Fl (2+1) R** 6s		4	Red with green band.	Replaced by nun from Dec. 7 to Apr. 14.
14140	MISSION POINT OBSTRUCTION LIGHT B		**Fl W** 6s	20 **6**	5	On post.	
14145	MISSION POINT OBSTRUCTION LIGHT C		**Fl W** 4s	20 **6**	5	On post.	
14150	*- Lighted Buoy 104*		**Q R**		4	Red.	Replaced by nun from Dec. 7 to Apr. 14.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
14155	*- Lighted Buoy 105*		**Q G**		4	Green.	Replaced by can from Dec. 14 to Apr. 14.
	HEAD OF LAKE NICOLET TO WHITEFISH BAY (Chart 14884)						
	Bayfield Channel						
14160	BAYFIELD ROCK RANGE FRONT LIGHT	46 29 18 N 84 17 00 W	**F W**	34 **10**		KRW on skeleton tower. 20	Lighted throughout 24 hours.
14165	BAYFIELD ROCK RANGE REAR LIGHT 896 feet, 109° from front light.		**F W**	54 **16**		KRW on skeleton tower. 40	
14170	*- Lighted Buoy 107*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 21 to Apr. 14.
14175	*- Lighted Buoy 108*		**Fl R** 2.5s		4	Red.	Replaced by nun from Nov. 21 to Apr. 14.
14180	- Buoy 109					Green can.	
14185	BAYFIELD DIKE LIGHT (C)		**Iso R** 4s	25 **8**		Red and white striped triangular daymark on mast.	Seasonal.
14190	*- Lighted Buoy 110*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 14.
14191	GEORGE KEMP MARINA EAST LIGHT	46 30 01 N 84 20 11 W	**Fl G** 4s	12 **4**		Metal tower.	Maintained from May 1 to Oct. 31. Private aid.
14192	GEORGE KEMP MARINA WEST LIGHT	46 30 02 N 84 20 14 W	**Fl R** 4s	12 **4**		Piling with metal tower.	Maintained from May 1 to Oct. 31. Private aid.
	American Canal						
14195	- SOUTHEAST PIERHEAD LIGHT		**F R**	9 **3**		Pipe.	Maintained by Corps of Engineers, U.S. Army.
14200	- EAST CENTER PIERHEAD LIGHT Marks direction of pier.		**F R**	20 **6**		Concrete column.	Maintained by Corps of Engineers, U.S. Army.
14205	- NORTHEAST PIERHEAD LIGHT		**F R**	21 **6**		Concrete column.	Maintained by Corps of Engineers, U.S. Army.
14210	- WEST CENTER PIERHEAD LIGHT		**F R**	20 **6**		Concrete column.	Maintained by Corps of Engineers, U.S. Army.
14215	- SOUTHWEST PIER LIGHT		**Q W**	6 **2**		Concrete column.	Maintained by Corps of Engineers, U.S. Army.
14220	- SOUTHWEST PIERHEAD LIGHT		**F R**	20 **6**		Concrete column.	Maintained by Corps of Engineers, U.S. Army.
14225	- NORTHWEST PIERHEAD LIGHT		**F R**	20 **6**		Concrete column.	Maintained by U.S. Army Corps of Engineers. SIREN: Answers signals.
	Vidal Shoals Channel						
14230	- RANGE FRONT LIGHT	46 30 12 N 84 22 00 W	**Q R**	25 **8**		KRW on skeleton tower.	
14235	- RANGE REAR LIGHT 870 feet, 076° from front light.		**Iso R** 6s	65 **20**		KRW on square skeleton tower.	
14245	*- Lighted Buoy 2*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 21 to May 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
14250	*- Lighted Buoy 3*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 21 to May 1.
14255	*- Lighted Buoy 5*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 21 to May 1.
14265	*Big Point Lighted Buoy 7*		**Q G**		4	Green.	Replaced by LIB from Nov. 21 to May 1.
14290	CANADIAN CANAL UPPER ENTRANCE RANGE FRONT LIGHT (C)	46 30 54 N 84 22 18 W	**F R**	40 **12**		Red square daymark with white vertical stripe on skeleton tower. 30	Lighted throughout 24 hours. Seasonal.
14295	CANADIAN CANAL UPPER ENTRANCE RANGE REAR LIGHT 811 feet, 051° from front light. (C)		**F R**	63 **19**		Red square daymark with white vertical stripe on skeleton tower. 50	Lighted throughout 24 hours. Seasonal.
14300	*- Upper Turning Lighted Buoy QM11* (C)		**Q G**			Green.	Spar; winter marker. Seasonal.
	Vidal Shoals						
14305	*- Northeast Lighted Buoy QM13* (C)		**Fl G** 4s			Green.	Spar; winter marker. Seasonal.
14310	*- North Lighted Buoy QM14* (C)	46 30 24 N 84 23 12 W	**Fl R** 4s			Red.	Spar; winter marker. Seasonal.
14315	*- Southwest lighted Buoy P* (C)		**IQ W**			Yellow with black band.	Spar; winter marker. Cardinal buoyage. Seasonal.
14320	*- West Lighted Buoy QM24* (C)		**Fl R** 4s			Red.	Spar; winter marker. Seasonal.
	Pointe Aux Pins Channel						
14325	POINTE AUX PINS RANGE FRONT LIGHT (C)	46 28 06 N 84 28 18 W	**F G**	30 **9**		KWR on tower. 26	Visible on range line only. Seasonal.
14330	POINTE AUX PINS RANGE REAR LIGHT 922 feet, 233.1° from front light. (C)		**F G**	62 **19**		KRW on skeleton tower. 55	Visible on range line only. Seasonal.
14335	*- Lighted Buoy 8*		**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 21 to May 1.
14337	*- Lighted Buoy 9*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 21 to May 1.
14340	*- Lighted Buoy 10*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 21 to May 1.
14345	*Pointe Aux Pins Bay Lighted Buoy P12* (C)		**Fl R** 4s			Red.	Spar; winter marker. Seasonal.
14350	*Brush Point Lighted Buoy 13*		**Q G**		4	Green.	Replaced by can from Dec. 21 to May 1.
14355	BRUSH POINT LIGHT A	46 28 18 N 84 27 30 W	**Q W**		3	NB on post.	
14360	*Pointe Aux Pins Bay Lighted Buoy P14* (C)	46 28 24 N 84 27 54 W	**Fl R** 4s			Red.	Spar; winter marker. Seasonal.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
14365	*Brush Point Lighted Buoy 15*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 21 to May 1.
14370	POINTE AUX PINS MAIN LIGHT (C)	46 27 48 N 84 28 24 W	**F R**	27 **8**	7	On circular tower with red and white bands. 20	Seasonal.
14375	*Brush Point Lighted Buoy 17*		**Q G**		4	Green.	Replaced by can from Dec. 21 to May 1.
14380	*Brush Point Lighted Buoy P19* (C)		**Fl G** 4s			Green.	Spar; winter marker. Seasonal.
14385	*Point Louise Lighted Buoy P20* (C)		**Fl R** 4s			Red.	Spar; winter marker. Seasonal.
14390	BRUSH POINT RANGE FRONT LIGHT	46 27 42 N 84 27 48 W	**F R**	31 **9**		KRW on square skeleton tower.	Lighted throughout 24 hours.
14395	BRUSH POINT RANGE REAR LIGHT 2,000 feet, 074° from front light.		**F R**	66 **20**		KRW on square skeleton tower. 57	Lighted throughout 24 hours.
14400	*Cedar Point Lighted Buoy 21*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 21 to May 1.
14405	*Cedar Point Lighted Buoy P22* (C)		**Fl R** 4s			Red.	Spar; winter marker. Seasonal.
14410	*Cedar Point Lighted Buoy 23*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 21 to May 1.
14415	*Cedar Point Lighted Buoy 24*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 21 to May 1.
	Round Island						
14420	*- Lighted Buoy 25*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to May 1.
14425	- LIGHT 26	46 27 00 N 84 31 54 W	**Q R**	34 **10**	5	TR on white cylindrical tower.	RACON: M (**– –**).
14430	BIRCH POINT RANGE FRONT LIGHT	46 26 00 N 84 31 24 W	**F R**	53 **16**		KRW on skeleton tower. 51	Lighted throughout 24 hours.
14435	BIRCH POINT RANGE REAR LIGHT 3,000 feet, 138.5° from front light.		**F R**	101 **31**		KRW on black skeleton tower. 75	Visible on range line only. Lighted throughout 24 hours.
14440	- Buoy 27					Green can.	
14445	- Buoy 29					Green can.	
14450	- Buoy 30					Red nun.	
14455	*- Traffic Lighted Buoy*		**Mo (A) W**		7	Red and white stripes.	Vessels are required to leave buoy on port side in passing. Maintained from May 1 to Nov. 21.
14460	*- Lighted Buoy 32*		**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 21 to May 1.
	Point Iroquois						
14465	*- Shoal Lighted Bell Buoy 33*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to May 1.
14470	- Anchorage Buoy A					Yellow can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ST. MARYS RIVER				
14473	- *Pointe De Chenes Lighted Buoy P34* (C)		**Fl R** 4s			Red.	Seasonal.
14475	- Shoal Buoy 35 Marks east side of shoal.					Green can.	
14483	- *Lighted Buoy P38* (C)		**Fl R** 4s			Red.	Spar; winter marker. Seasonal.
14485	- Shoal Buoy 37					Green can.	
14490	- *Shoal Lighted Bell Buoy 39*		**Q G**		4	Green.	Replaced by can from Dec. 21 to May 1.
14495	**Gros Cap Reefs Light** (C)	46 30 42 N 84 36 54 W	**Fl R** 5s	59 **18**	14	On white square block.	RACON: K (**– • –**). Seasonal. Emergency light.

Section 11

Lake Superior
St. Mary's River to Duluth - Superior Harbor

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
	ST. MARYS RIVER TO AU SABLE POINT (Chart 14962)						
14510	**Ile Parisienne Light** (C)	46 38 42 N 84 43 24 W	**Fl W** 10s 1s fl 9s ec.	53 **16**	16	White hexagonal tower.	Operational at night only. Seasonal. Emergency light.
14515	WHITEFISH HARBOR LIGHT 2		**Fl R** 4s	29 **9**	5	TR on pile.	
14520	WHITEFISH HARBOR LIGHT 3		**Fl G** 4s	29 **9**	4	SG on pile.	
14525	WHITEFISH HARBOR LIGHT 4		**Fl R** 4s	25 **8**	4	TR on white column.	
14530	**Whitefish Point Light**	46 46 18 N 84 57 24 W	**Fl (2) W** 20s 0.2s fl 4.8s ec. 0.2s fl 14.8s ec.	80 **24**	26	White cylindrical tower. 76	RACON: O (– – –). Standby light of reduced intensity.
14540	LITTLE LAKE HARBOR LIGHT 2	46 43 06 N 85 21 54 W	**Fl R** 4s	29 **9**	4	TR on post.	
14545	LITTLE LAKE HARBOR LIGHT 3	46 43 00 N 85 21 54 W	**Fl G** 4s	28 **9**	4	SG on post.	
14550	**Grand Marais Harbor of Refuge Outer Light**	46 41 00 N 85 58 18 W	**Fl W** 2.5s	40 **12**	13	Skeleton tower with upper part enclosed.	HORN: 1 blast ev 15s (2s bl). Operates from May 1 to Oct. 20.
14555	GRAND MARAIS HARBOR OF REFUGE LIGHT 1	46 40 48 N 85 58 12 W	**Fl G** 4s	24 **7**	4	SG on post.	
14560	**Grand Marais Harbor of Refuge Inner Light**		**F W**	54 **16**	16	White square pryamidal skeleton tower with upper part enclosed. 47	
	GRAND MARAIS TO BIG BAY POINT (Chart 14963)						
14565	**Au Sable Light**	46 40 18 N 86 08 24 W	**Fl W** 6s	100 **30**	11	White conical tower with red dwelling attached. 87	
14570	GRAND ISLAND LIGHT	46 33 42 N 86 40 54 W	**Fl W** 6s	190 **58**	9	On white post. 25	
14575	MUNISING RANGE FRONT LIGHT	46 24 54 N 86 39 42 W	**F R**	79 **24**		White conical tower. 58	Lighted throughout 24 hours.
14580	MUNISING RANGE REAR LIGHT 1,150 feet, 217° from front light.		**F R**	107 **33**		White conical tower. 33	Lighted throughout 24 hours.
14585	*Trout Point Lighted Bell Buoy 2*	46 29 06 N 86 35 48 W	**Fl R** 4s		4	Red.	Replaced by nun from Oct. 14 to May 7.
14590	*Sand Point Lighted Bell Buoy 3*		**Fl G** 4s		5	Green.	Replaced by can from Oct. 14 to May 7.
14595	Grand Island Harbor Buoy 4					Red nun.	
14597	**Christmas Light**	46 26 12 N 86 41 30 W	**F W**	72 **22**	13	On circular tower with white top and black bottom.	Higher intensity beam on bearing 166°.
14600	**Bay Furnace Light**	46 26 18 N 86 41 30 W	**Fl W** 2.5s	20 **6**	11	White cylindrical tower.	Higher intensity beam on bearing 166°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
14603	Bay Furnace Buoy 2	46 26 33 N 86 41 19 W				Red nun.	
14610	Williams Landing Buoy 1					Green can.	
14615	Grand Island Shoal Buoy 1A					Green can.	
	MARQUETTE AND PRESQUE ISLE HARBORS (Chart 14970)						
14620	Marquette Bay South Shoal Buoy 1A					Green can.	
14625	Marquette Rocks Buoy 1 Marks northeast side of shoal.					Green can.	
14630	**Marquette Light**	46 32 48 N 87 22 36 W	**Fl W** 10s	77 **23**		Red square tower on dwelling. 40	
14635	**Marquette Breakwater Outer Light**		**Oc W** 4s **(R sector)**	36 **11**	W 12 R 9	White cylindrical tower with red band.	Red from 181° to 198°. HORN: 1 blast ev 15s (2s bl). Operates from May 1 to Oct. 20. Operates by keying the mike 5 times on VHF-FM Ch. 79.
14640	MARQUETTE BREAKWATER INNER LIGHT		**F R**	38 **12**	5	TR on post.	
14645	Marquette Harbor Buoy 1 Marks shoal.					Green can.	
14650	Marquette Power and Light Channel Buoy 1	46 32 00 N 87 23 06 W				Green can.	Private aid.
14655	Marquette Power and Light Channel Buoy 2					Red nun-shaped spar.	Private aid.
14656	Marquette Power and Light Range Front Daybeacon	46 31 54 N 87 23 36 W		10 **3**		Orange and white diamond.	Private aid.
14657	Marquette Power and Light Range Rear Daybeacon 100 feet, 250° from front range beacon.			30 **9**		Orange and white diamond.	Private aid.
14660	Marquette Harbor Buoy 3 Marks shoal.					Green can.	
14665	Marquette Harbor Buoy 5					Green can.	
14666	Marquett Harbor Buoy 7	46 32 32 N 87 23 09 W				Green can.	
14667	MARQUETTE MARINA ENTRANCE LIGHT 1		**Fl G** 2.5s	21 **6**		SG on blue pole.	Maintained from Mar. 1 to Nov. 30. Private aid.
14668	MARQUETTE MARINA ENTRANCE LIGHT 2		**Fl R** 2.5s	21 **6**		TR on blue pole.	Maintained from Mar. 1 to Nov. 30. Private aid.
14670	**Presque Isle Harbor Breakwater Light**	46 34 30 N 87 22 30 W	**Fl R** 4s	56 **17**	10	White cylindrical tower with red band on octagonal building. 40	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates from May 1 to Oct. 20.
14680	*Presque Isle Harbor Lighted Buoy 1* Marks north side of shoal.		**Fl G** 4s		4	Green.	Replaced by can from Oct. 14 to May 7.
14685	*Wisconsin Electric Power Company Lighted Buoy 3*	46 34 36 N 87 23 18 W	**Q G**			Green.	Maintained from Apr. 1 to Dec. 1. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
14688	PRESQUE ISLE MARINA LIGHT 1		**F G**			SG on building.	Maintained from May 1 to Oct. 31. Private aid.
14690	PRESQUE ISLE MARINA LIGHT 2	46 34 54 N 87 23 06 W	**Fl R** 4s	12 **4**		TR on red steel pile.	Maintained from May 1 to Oct. 31. Private aid.
14695	Presque Isle Harbor Buoy 2 Marks shoal.					Red nun.	
	GRAND MARAIS TO BIG BAY POINT (Chart 14963)						
14700	**Granite Island Light**	46 43 18 N 87 24 42 W	**Fl W** 6s	96 **29**	10	Gray skeleton tower.	
14705	**Big Bay Point Light**	46 50 30 N 87 40 48 W	**Fl W** 6s	89 **27**	11	Red square tower on dwelling. 60	
14710	Big Bay Point Buoy 1 Marks north side of shoal.	46 51 42 N 87 41 15 W				Green can.	Maintained from May 14 to Oct. 14.
14715	BIG BAY HARBOR WEST PIER LIGHT		**Fl R** 4s	25 **8**	5	TR on column.	
14720	Big Bay Harbor East Pier Daybeacon					SG on column.	
14725	**Stannard Rock Light** Marks north side of reef.	47 11 00 N 87 13 30 W	**Fl W** 6s	102 **31**	10	Gray conical tower on cylindrical crib.	
	BIG BAY POINT TO REDRIDGE (Chart 14964)						
14730	**Huron Island Light**	46 57 48 N 87 59 54 W	**Fl W** 10s	197 **60**	15	Gray granite tower on dwelling. 39	
14735	Point Abbaye Shoal Buoy 6					Red nun.	
14740	Point Abbaye Shoal Bell Buoy 3					Green.	Maintained from May 14 to Oct. 14.
14745	HURON BAY LIGHT		**Fl W** 4s	34 **10**	6	NG on skeleton tower.	
14750	SAND POINT LIGHT	46 47 06 N 88 28 00 W	**Fl W** 4s	40 **12**	6	NR on skeleton tower.	
14755	L'Anse Bay Shoal Buoy 2					Red nun.	Maintained from May 14 to Oct. 14.
14760	L'Anse Buoy 1					Green can.	Maintained from May 14 to Oct. 14.
14762	L'ANSE MARINA LIGHT 2	46 45 30 N 88 27 24 W	**Fl R** 4s	8 **2**		TR on pile.	Maintained from May 1 to Nov. 1. Private aid.
14763	INDIAN COUNTRY SPORTS LIGHT	46 45 30 N 88 27 24 W	**Fl W** 2.5s	44 **13**		Cupola atop white square tower.	Private aid.
	KEWEENAW WATERWAY (Chart 14972)						
	Keweenaw Waterway						
	Lighted buoys maintained from May 14 to Nov. 14.						
14765	**- Lower Entrance Light**	46 58 06 N 88 25 54 W	**Oc W** 4s	68 **21**	15	White octagonal tower on concrete pierhead.	Standby light of reduced intensity. HORN: 1 blast ev 30s (3s bl). Operates from May 1 to Oct. 20.
14775	*- Lighted Buoy 1*		**Fl G** 4s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
14780	*- Lighted Buoy 3*		**Fl G** 4s		4	Green.	
14780.1	- Buoy 3A	46 58 47 N 88 26 06 W				Green can.	Maintained from May 14 to Nov. 14.
14785	*- Lighted Buoy 4*		**Fl R** 4s		4	Red.	
14790	- LIGHT 5		**Fl G** 2.5s	14 **4**	4	SG on white pile.	
14795	- Daybeacon 7					SG on skeleton tower.	
14800	- Daybeacon 9					SG on skeleton tower.	
14805	- LIGHT 10		**Fl R** 2.5s	14 **4**	4	TR on post.	
14810	- LIGHT 11 Marks northwest end of Middle Ground.		**Fl G** 2.5s	14 **4**	4	SG on white pile.	
14815	- LIGHT 13		**Q G**	14 **4**	4	SG on white pile.	
14820	- SOUTH RANGE FRONT LIGHT		**Q W**	27 **8**		KRW on gray skeleton tower.	Visible all around, higher intensity on range line.
14825	- SOUTH RANGE REAR LIGHT 1,600 feet, 136° from front light.		**Iso W** 6s	58 **18**		KRW on gray skeleton tower.	Visible on range line only.
14830	- LIGHT 15		**Fl G** 2.5s	14 **4**	4	SG on white pile.	
14835	- LIGHT 17		**Fl G** 2.5s	14 **4**	4	SG on white pile.	
14840	- LIGHT 16		**Fl R** 2.5s	14 **4**	4	TR on white pile.	
14845	- LIGHT 19		**Fl G** 2.5s	14 **4**	4	SG on post.	
14850	- LIGHT 18		**Fl R** 2.5s	14 **4**	4	TR on white pile.	
14855	- LIGHT 20		**Q R**	14 **4**	4	TR on white pile.	
14860	PRINCESS POINT RANGE FRONT LIGHT		**Q W**	22 **7**		KRW on gray skeleton tower.	Visible all around, higher intensity on range line.
14865	PRINCESS POINT RANGE REAR LIGHT 1,100 feet, 164.5° from front light.		**Iso W** 6s	39 **12**		KRW on gray skeleton tower.	Visible on range line only.
14870	- LIGHT 22		**Fl R** 2.5s	13 **4**	4	TR on white pile.	
14875	- Buoy 24					Red nun.	
14880	- LIGHT 25		**Fl G** 2.5s	15 **5**	4	SG on white pile.	
14885	- Buoy 26					Red nun.	
14890	*- Lighted Buoy 27*		**Q G**		4	Green.	
14895	Pike Bay Obstruction Daybeacons (5)	47 01 42 N 88 31 18 W		16 **5**		NW on posts worded DANGER SUBMERGED PILINGS.	Private aids.
14900	*- Lighted Buoy 28*		**Fl R** 4s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
	Torch Lake Canal						
	Buoys maintained from May 15 to Oct. 15.						
14905	- Buoy 1	47 05 43 N 88 25 34 W				Green can.	
14906	- Buoy 2					Red nun.	
14907	- Buoy 3					Green can.	
14908	- Buoy 4					Red nun.	
14909	- Buoy 5					Green can.	
14910	- Buoy 6					Red nun.	
14911	- Buoy 7					Green can.	
14912	- Buoy 9					Green can.	
14913	- Buoy 10					Red nun.	
14914	- Buoy 11					Green can.	
14915	- Buoy 12					Red nun.	
14916	- Buoy 14					Red nun.	
14917	- Buoy 15					Green can.	
14918	- Buoy 16					Red nun.	
14919	- Buoy 17					Green can.	
14920	- Buoy 18					Red nun.	
14921	- Buoy 19					Green can.	
14922	- Buoy 20					Red nun.	
14923	- Buoy 21					Green can.	
14925	LAKE LINDEN HARBOR BUOY 1	47 10 35 N 88 24 32 W				Green can.	
	Keweenaw Waterway						
14926	- Southwest Arm Obstruction Buoy 2					Red nun.	
	Lighted buoys maintained from May 14 to Nov. 14.						
14935	- Buoy 30 Marks west side of shoal.					Red nun.	
14937	- Buoy 30A					Red nun.	
14940	**Pilgrim Point Leading Light**	47 06 24 N 88 30 24 W	**Fl W** 4s	22 **7**	12	NB on post.	Higher intensity beam on bearing 165°.
14945	*- Lighted Buoy 31*		**Q G**		4	Green.	Can; winter marker.
14950	- Buoy 33					Green can.	
14955	- Buoy 34					Red nun.	
14960	*- Lighted Buoy 35*		**Fl G** 4s		4	Green.	
14965	- Buoy 36					Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
14970	OSCEOLA POINT LIGHT	47 07 24 N 88 35 36 W	**Q R**	20 **6**	4	TR on post.	
14975	*Atlantic Point Lighted Buoy 37*		**Fl G** 4s		4	Green.	
14980	- Buoy 39					Green can.	
14985	- Buoy 40					Red nun.	
14990	*- Lighted Buoy 42*		**Fl R** 4s		4	Red.	
14995	COLE CREEK LIGHT		**Fl G** 2.5s	25 **8**	5	SG on post.	
15000	- Buoy 44					Red nun.	
15005	- Buoy 46					Red nun.	
15010	- Buoy 48					Red nun.	
15015	*- Lighted Buoy 49*		**Fl G** 4s		3	Green.	Can; winter marker.
15025	*- Lighted Buoy 50*		**Fl R** 4s		4	Red.	Nun; winter marker.
15030	- Buoy 51					Green can.	
15035	- Buoy 52					Red nun.	
15040	ROULEAU POINT RANGE FRONT LIGHT	47 11 36 N 88 37 06 W	**Q W**	22 **7**		KRW on skeleton tower.	Higher intersity beam to NE and S. Also serves as a leading light for Lily Pond Lower Canal.
15045	ROULEAU POINT RANGE REAR LIGHT 1,280 feet, 033.5° from front light.		**F W**	51 **16**		KRW on skeleton tower.	
15050	- Buoy 54					Red nun.	
15055	- Buoy 55					Green can.	
15060	- Buoy 56					Red nun.	
15065	- Buoy 57					Green can.	
15070	- Buoy 59					Green can.	
15075	- Buoy 60					Red nun.	
15080	- Buoy 61					Green can.	
15085	LILY POND LEADING LIGHT	47 12 00 N 88 37 06 W	**Fl R** 2.5s	25 **8**		TR on post. 23	
15090	- Buoy 63					Green can.	
15095	LILY POND SOUTH LIGHT 68		**Fl R** 4s	25 **8**	5	TR on post.	
15100	LILY POND NORTH LIGHT 70		**Q R**	25 **8**	5	TR on post.	
	Keweenaw Upper Entrance						
15105	- EAST REVETMENT LIGHT 72	47 13 36 N 88 37 30 W	**Fl R** 4s	25 **8**	5	TR on post.	
15110	- WEST REVETMENT LIGHT	47 13 36 N 88 37 36 W	**Fl G** 4s	25 **8**	5	SG on post.	
15115	- WEST BREAKWATER LIGHT	47 14 00 N 88 37 54 W	**Fl G** 4s	32 **10**	5	SG on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
15120	**- Light**	47 14 06 N 88 37 48 W	**Fl W** 15s	82 **25**	18	White square tower on cylindrical base.	Standby light of reduced intensity. HORN: 1 blast ev 30s (3s bl). Operates from May 1 to Oct. 1.
	BIG BAY POINT TO REDRIDGE (Chart 14964)						
15130	GRAND TRAVERSE BAY HARBOR LIGHT 2	47 11 18 N 88 14 06 W	**Fl (2) R** 5s 0.4s fl 0.6s ec. 0.4s fl 3.6s ec.	29 **9**	7	TR on post.	
15135	GRAND TRAVERSE BAY HARBOR LIGHT 3		**Fl G** 2.5s	27 **8**	4	SG on post.	
15140	Bete Grise Bay Shoal Buoy 1					Green can.	
15145	LAC LA BELLE SOUTH PIERHEAD LIGHT		**Fl G** 4s	29 **9**	6	SG on post.	
15150	LAC LA BELLE NORTH PIERHEAD LIGHT		**Fl R** 4s	25 **8**	4	2 TR on gray pole.	
15151	**Mendota Light**	47 22 24 N 87 58 00 W	**Fl W** 20s	44 **13**		Square buff-brick tower in front of dwelling with steep gable roof. 37	Private aid.
15155	*Keweenaw Point Lighted Buoy 1*		**Fl G** 4s		4	Green.	Maintained from May 14 to Oct. 14.
15160	Gull Rock Buoy 4					Red nun.	
15165	GULL ROCK LIGHT	47 25 00 N 87 39 48 W	**Fl (2) W** 5s 0.4s fl 0.6s ec. 0.4s fl 3.6s ec.	50 **15**	9	White square tower on dwelling. 46	
15170	**Manitou Light**	47 25 12 N 87 35 12 W	**Fl W** 10s	81 **25**	18	Cylindrical tower. 80	RACON: M (**– –**). HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates year round.
15175	**Copper Harbor Light**	47 28 30 N 87 51 36 W	**Fl G** 6s	90 **27**	21	On white skeleton tower near white dwelling. 62	Standby light of reduced intensity.
15180	Copper Harbor Entrance Bell Buoy CH	47 28 41 N 87 51 52 W				Red and white stripes.	Maintained from May 14 to Oct. 14.
15185	COPPER HARBOR RANGE FRONT LIGHT	47 28 12 N 87 52 00 W	**Q W**	22 **7**		KWR on red tower on small house. 22	
15190	COPPER HARBOR RANGE REAR LIGHT 400 feet, 190° from front light.		**F W**	41 **12**		KWR on red tower on skeleton tower. 32	
15191	Copper Harbor Crib Buoy	47 28 12 N 87 53 03 W				White with orange bands and orange diamond.	Maintained from May 15 to Oct. 15. Private aid.
15192	Copper Harbor Shoal Buoy	47 28 17 N 87 53 42 W				White with orange bands and orange diamond.	Maintained from May 15 to Oct. 15. Private aid.
15195	**Eagle Harbor Light**	47 27 36 N 88 09 30 W	**Al WR** 20s 0.1s W fl 9.9s ec. 0.1s R fl 9.9s ec.	60 **18**	W 29 R 22	White octagonal tower on red dwelling. 44	Obscured 331° to 067°. Standby light of reduced intensity.
15205	Eagle Harbor Shoal Gong Buoy 1	47 27 50 N 88 09 30 W				Green.	Maintained from May 14 to Oct. 14
15210	EAGLE HARBOR RANGE FRONT LIGHT	47 27 18 N 88 09 06 W	**Q G**	25 **8**		KRW on post. 19	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
15215	EAGLE HARBOR RANGE REAR LIGHT 356.6 yards, 105° from front light.		**Iso G** 6s	34 **10**		KRW on gray tower.	
	REDRIDGE TO SAXON HARBOR (Chart 14965)						
15220	ONTONAGON HARBOR EAST BREAKWATER LIGHT	46 52 42 N 89 19 42 W	**Iso G** 6s	25 **8**	6	SG on pile.	
15225	ONTONAGON HARBOR WEST BREAKWATER LIGHT	46 52 48 N 89 19 48 W	**Fl R** 4s	31 **9**	7	White skeleton tower with upper part enclosed.	HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si). Operates from May 1 to Oct. 20.
15230	BLACK RIVER EAST BREAKWATER LIGHT 1	46 40 12 N 90 02 54 W	**Fl G** 4s	31 **9**	5	SG on post.	
15235	BLACK RIVER WEST BREAKWATER LIGHT 2	46 40 06 N 90 02 54 W	**Fl R** 4s	18 **5**	4	TR on tower.	Maintained from May 28 to Oct. 14.
15240	Black River Buoy 3	46 40 06 N 90 02 53 W				Green can.	Maintained from May 21 to Oct. 21.
15245	SAXON HARBOR EAST BREAKWATER LIGHT	46 33 48 N 90 26 18 W	**Fl G** 6s	29 **9**	7	SG on post.	
15250	SAXON HARBOR WEST BREAKWATER LIGHT	46 33 48 N 90 26 18 W	**Fl R** 6s	25 **8**	5	TR on white column.	
	APOSTLE ISLANDS (Chart 14973)						
15255	**Outer Island Light**	47 04 36 N 90 25 00 W	**Fl W** 10s	130 **40**	15	White concial tower with dwelling attached. 80	
15260	GULL ISLAND LIGHT	46 54 24 N 90 26 36 W	**Fl W** 2.5s	56 **17**	7	Black square skeleton tower.	
15265	STOCKTON ISLAND HARBOR EAST ENTRANCE LIGHT	46 54 54 N 90 33 06 W	**Fl G** 2.5s	18 **5**		SG on post.	Private aid.
15270	STOCKTON ISLAND HARBOR WEST ENTRANCE LIGHT		**Fl R** 2.5s	18 **5**		TR on post.	Private aid.
15275	**Michigan Island Light**	46 52 18 N 90 29 48 W	**Fl W** 6s	170 **52**	11	White cylindrical tower. 102	
15280	LA POINTE LIGHT	46 43 42 N 90 47 06 W	**Iso G** 6s	70 **21**	8	White cylindrical tower. 51	
15290	*Madeline Island Lighted Buoy 4* Marks west side of shoal.		**Fl R** 4s			Red.	Nun; winter marker. Maintained from May 21 to Nov. 21.
15295	CHEQUAMEGON POINT LIGHT	46 43 42 N 90 48 36 W	**Fl G** 4s	33 **10**	7	White cylindrical tower. 29	
	Chequamegon Bay						
15300	*Houghton Point Lighted Buoy 6*		**Fl R** 4s		4	Red.	Maintained from May 21 to Nov. 21.
15305	*- Lighted Buoy 1* Marks west side of shoal.		**Fl G** 4s		4	Green.	Maintained from May 21 to Nov. 21.
	ASHLAND AND WASHBURN HARBORS (Chart 14974)						
	Chequamegon Bay						
	Ashland Harbor						
15310	- BREAKWATER LIGHT	46 37 42 N 90 52 12 W	**Fl W** 6s	60 **18**	9	White octagonal pyramidal tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
15315	- BREAKWATER SOUTH LIGHT	46 37 06 N 90 50 30 W	**Fl R** 4s	21 **6**	5	White pile.	
15355	- Buoy 1					Green can.	
15360	- Buoy 2					Red nun.	
15365	- Buoy 3					Green can.	
15370	*- Lighted Buoy 4*		**Q R**		4	Red.	Replaced by nun from Nov. 21 to May 21.
15375	- Buoy 5					Green can.	
15380	*- Lighted Buoy 6*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 21 to May 21.
15385	- Buoy 8					Red nun.	
15400	Reiss Coal Co. Dock Buoy 2					Red spar.	Maintained from Apr. 1 to Dec. 1. Private aid.
15404	ASHLAND MARINA SOUTH BREAKWATER LIGHT	46 35 36 N 90 53 18 W	**Fl W** 2.5s	17 **5**		NW on post worded DANGER.	Maintained from May 1 to Nov. 1. Private aid.
15405	ASHLAND MARINA LIGHT 1	46 35 36 N 90 53 18 W	**Fl G** 2.5s	20 **6**		SG on post.	Maintained from May 1 to Nov. 1. Private aid.
15406	ASHLAND MARINA LIGHT 2	46 35 42 N 90 53 24 W	**Fl R** 2.5s	21 **6**		TR on post.	Maintained from May 1 to Nov. 1. Private aid.
15410	ASHLAND MARINA BREAKWATER LIGHT		**Q W**	20 **6**		NW on post worded DANGER.	Maintained from May 1 to Nov. 1. Private aid.
15415	*Ashland Lighted Obstruction Buoy*	46 35 48 N 90 53 24 W	**Q W**			White with orange bands and diamond worded DANGER PILINGS.	Maintained from May 1 to Nov. 1. Private aid.
15420	WASHBURN HARBOR SOUTH BREAKWATER LIGHT 2	46 40 02 N 90 53 18 W	**Fl R** 4s	20 **6**		TR on post.	Maintained from Apr. 1 to Dec. 1. Private aid.
15425	WASHBURN HARBOR NORTH BREAKWATER LIGHT 1	46 40 03 N 90 53 17 W	**Fl G** 4s	20 **6**		SG on post.	Maintained from Apr. 1 to Dec. 1. Private aid.
15430	6TH AVE. BREAKWALL LIGHT	46 39 57 N 90 54 09 W	**F Y**	7 **2**		On post.	Maintained from Apr. 1 to Dec. 1. Private aid.
	APOSTLE ISLANDS (Chart 14973)						
15440	MADELINE ISLAND MARINA ENTRANCE SOUTH LIGHT		**Fl R** 4s	15 **5**		TR on white metal frame.	Maintained from May 1 to Nov. 1. Private aid.
15445	MADELINE ISLAND MARINA ENTRANCE NORTH LIGHT		**Fl W** 4s	15 **5**		Green square daymark on white metal frame.	Maintained from May 1 to Nov. 1. Private aid.
15450	LAPOINTE HARBOR DETACHED BREAKWATER WEST LIGHT	46 46 42 N 90 47 24 W	**Q W**	26 **8**		On post.	Private aid.
15455	LAPOINTE HARBOR DETACHED BREAKWATER EAST LIGHT	46 46 42 N 90 47 18 W	**Q W**	26 **8**		On post.	Private aid.
15460	MADELINE ISLAND BREAKWATER LIGHT	46 46 42 N 90 47 24 W	**Fl G** 4s	28 **9**	5	SG on pole.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
	Port Superior Marina						
	Aids maintained from Apr. 15 to Nov. 1.						
15465	- Shoal Buoy					Green can.	Maintained from May 1 to Oct. 31. Private aid.
15470	- Buoy 2					Red.	Private aid.
15475	- Buoy 4					Red.	Private aid.
15480	- Buoy 5					Green.	Private aid.
15485	- Buoy 6					Red.	Private aid.
15490	- LIGHT 7		**Fl G** 4s	15 **5**		On pile.	Private aid.
15495	- LIGHT 8		**Fl R** 4s	15 **5**		On pile.	Private aid.
	APOSTLE ISLANDS (Chart 14973)						
15500	Bayfield Ruins Buoy 1					Green can.	Maintained from May 21 to Oct. 21.
15505	MATTSON LIGHT		**Q R**	13 **4**		Diamond daymark on pile.	Maintained from May 1 to Nov. 1. Private aid.
15510	BAYFIELD HARBOR SOUTH BREAKWATER LIGHT	46 48 30 N 90 48 42 W	**Fl G** 4s	25 **8**	7	SG on post.	Maintained from Apr. 1 to Nov. 30. HORN: 1 blast ev 15s (2s bl). Operates when visibility is less than 2 miles.
15515	Bayfield Harbor Daybeacon 3	46 48 36 N 90 48 36 W				SG on post.	Maintained from May 1 to Dec. 1. Private aid.
15520	BAYFIELD HARBOR NORTH BREAKWATER LIGHT	46 48 36 N 90 48 36 W	**Fl R** 4s	28 **9**	6	TR on white column.	
15525	BAYFIELD MUNICIPAL BREAKWATER LIGHT		**Iso G** 6s	25 **8**		On pile.	Maintained from Apr. 15 to Dec. 15. Private aid.
	Red Cliff						
15530	- BREAKWATER LIGHT	46 51 12 N 90 47 18 W	**Fl R** 4s	18 **5**		On pile.	Maintained from May 1 to Nov. 1. Private aid.
15545	*- Point Lighted Buoy 4*		**Fl R** 4s		4	Red.	Maintained from May 21 to Oct. 14.
	APOSTLE ISLANDS (Chart 14973)						
15550	LITTLE MANITOU ISLAND LIGHT	46 57 42 N 90 41 06 W	**Fl G** 4s	21 **6**	6	SG on skeleton tower.	
15555	RASPBERRY ISLAND LIGHT	46 58 18 N 90 48 18 W	**Fl W** 2.5s	58 **18**	7	Column with white box at base.	
15560	Marina Shoal Buoy 3					Green can.	
15565	**Devils Island Light**	47 04 48 N 90 43 42 W	**Fl R** 10s	100 **30**	13	Cylindrical tower. 71	Flash intensities alternate.
15570	*York Island Shoals Lighted Bell Buoy 1* Marks west side of shoal.		**Fl G** 4s		5	Green.	Maintained from May 21 to Oct. 14.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
15575	Sand Island Buoy 2 Marks north side of shoal.					Red nun.	
15580	SAND ISLAND LIGHT	47 00 12 N 90 56 12 W	**Fl W** 6s	60 **18**	7	Red tower on dwelling.	
	LITTLE GIRLS POINT TO SILVER BAY (Chart 14966)						
15585	CORNUCOPIA EAST PIER LIGHT	46 51 36 N 91 06 18 W	**Fl G** 2.5s	29 **9**	8	SG on post.	Higher intensity beam lakeward.
15586	CORNUCOPIA MOORING BASIN LIGHT A	46 51 30 N 91 06 06 W	**Iso Y** 5s	20 **6**		Triangular yellow dayboard with orange border.	Maintained from Apr. 1 to Nov. 1. Private aid.
15590	PORT WING EAST PIER LIGHT	46 47 36 N 91 23 12 W	**Fl G** 4s	27 **8**	7	SG on post. 27	

Section 12

Lake Superior
Duluth-Superior Harbor to Minnesota-Ontario Border Lakes

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
	DULUTH - SUPERIOR HARBOR (Chart 14975)						
	Superior Entry						
15595	**- South Breakwater Light**	46 42 37 N 92 00 22 W	**Fl G** 5s	70 **21**	22	White cylindrical tower on fog signal building.	HORN: 1 blast ev 30s (3s bl). Operates from May 1 to Oct. 20.
15600	- NORTH BREAKWATER LIGHT	46 42 41 N 92 00 30 W	**Q R**	38 **12**	6	TR on post.	
15605	- INNER NORTH PIERHEAD LIGHT	46 42 30 N 92 00 48 W	**Iso R** 6s	35 **11**	4	TR on post.	
15610	- INNER SOUTH PIERHEAD LIGHT	46 42 27 N 92 00 45 W	**Iso G** 6s	35 **11**	5	SG on post.	
15615	SUPERIOR HARBOR BASIN LIGHT 1	46 42 18 N 92 01 00 W	**Fl G** 2.5s	35 **11**	4	SG on post.	
	Allouez Bay						
15620	ALLOUEZ ORE DOCK NO. 3 WEST LIGHT	46 42 06 N 96 01 06 W	**Fl W** 4s	14 **4**		On pile.	Maintained from Mar. 1 to Dec. 1. Private aid.
15625	ALLOUEZ ORE DOCK NO. 3 EAST LIGHT		**Fl W** 4s	14 **4**		On pile.	Maintained from Mar. 1 to Dec. 1. Private aid.
15630	- Entrance Buoy 1					Green can.	
15635	- Channel Buoy 2					Red nun.	
15640	*- Lighted Buoy 3*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 28.
15645	- Channel Buoy 4					Red nun.	
15650	- Channel Buoy 5					Green can.	
	Superior Harbor Basin						
15660	- Anchorage Buoy A					Yellow nun.	
15665	- Anchorage Buoy B					Yellow nun.	
15670	- Buoy 1					Green can.	
15675	- Buoy 3					Green can.	
15680	*- Lighted Buoy 4*		**Fl R** 4s		4	Red.	Maintained from Apr. 28 to Dec. 14.
15685	- Buoy 5					Green can.	
	Superior Front Channel						
15690	- RANGE FRONT LIGHT	46 42 24 N 92 02 06 W	**Q G**	42 **13**		KRW on skeleton tower.	Visible on range line only.
15695	- RANGE FRONT PASSING LIGHT		**Fl G** 4s	18 **5**		On range front light structure.	Visible from 150° to 270°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
15700	- RANGE REAR LIGHT 850 feet, 136° from front light.		**Oc G** 4s	70 **21**		KRW on skeleton tower.	
15705	*- Lighted Buoy 2*		**Q R**		4	Red.	Replaced by nun from Dec. 14 to Apr. 28.
	Barkers Island Marina						
	Buoys maintained from May 1 to Nov. 1.						
15710	*- Lighted Buoy 1*	46 42 50 N 92 02 49 W	**Fl G** 2s			Green.	Private aid.
15715	*- Lighted Buoy 2*	46 42 51 N 92 02 50 W	**Fl R** 2s			Red.	Private aid.
15720	- Buoy 3					Green can.	Private aid.
15725	- Buoy 4					Red nun.	Private aid.
15730	- Buoy 5					Green can.	Private aid.
15735	- Buoy 6					Red nun..	Private aid.
15740	- Buoy 7					Green can.	Private aid.
15745	- Buoy 8					Red nun.	Private aid.
15746	- Buoy 9					Green can.	Private aid.
15747	- Buoy 10					Red nun.	Private aid.
	Superior Front Channel						
	Lighted buoys maintained from Apr. 28 to Dec. 14.						
15750	- Buoy 1					Green can.	
15755	- Buoy 3					Green can.	
15760	- Buoy 4					Red nun.	
15765	- Buoy 5					Green can.	
15770	*- Lighted Buoy 6*		**Fl R** 4s		4	Red.	
15775	- Buoy 7					Green can.	
15780	- Buoy 8					Red nun.	
15785	- Buoy 9					Green can.	
15790	*- Lighted Buoy 10*		**Fl R** 4s		4	Red.	
15795	- Buoy 12					Red nun.	
15800	- Buoy 13					Green can.	
15805	*- Lighted Buoy 14*		**Fl R** 4s		4	Red.	
15810	- Buoy 15					Green can.	
15815	- Buoy 16					Red nun.	
15820	*- Lighted Buoy 18*		**Fl R** 4s		4	Red.	Nun; winter marker.
15825	*- Lighted Buoy 19*		**Fl G** 4s		4	Green.	
15830	East Gate Basin Buoy 20					Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
	Duluth Harbor						
	Lighted buoys maintained from Apr. 21 to Dec. 21.						
15840	- Breakwater Buoy 2					Red nun.	
15845	**- South Breakwater Outer Light**	46 46 49 N 92 05 15 W	**F G**	44 **13**	17	White tower on fog signal building. 35	HORN: (2100-0900): 2 bl ev 60s (3s bl-3s si-3s bl-51s si). HORN: (0900-2100): 1 bl ev 60s for 2 min (4s bl -56s si), followed by 2 blasts (2s bl-1s si-5s bl-52s si). Operates from Apr. 1 to Dec. 1.
15855	**- North Pier Light**	46 46 54 N 92 05 18 W	**Iso R** 6s	43 **13**	16	White cylindrical tower with black top and base. 37	
15860	**- South Breakwater Inner Light**	46 46 44 N 92 05 31 W	**Fl W** 5s	68 **21**	18	Black cylindrical tower with white lantern room. 67	Light obscured from 270° through 325°.
15865	- Basin Buoy 1					Green can.	
15870	*- Basin Traffic Lighted Buoy*		**Mo (A) W**		7	Red and white stripes.	
15875	*- Basin Lighted Buoy 2*		**Fl R** 4s		4	Red.	Nun; winter marker.
15880	*- Basin Lighted Buoy 3*		**Fl G** 4s		4	Green.	
	Harbor Cove Marina						
	Lights maintained from May 1 to Nov. 1.						
15885	- LIGHT 1	46 46 18 N 92 05 36 W	**F G**	10 **3**		On post.	Private aid.
15890	- LIGHT 2		**F R**	10 **3**		On post.	Private aid.
15895	- LIGHT 3		**F G**	10 **3**		On post.	Private aid.
15900	- LIGHT 4		**F R**	10 **3**		On post.	Private aid.
	Duluth Harbor						
	Lighted buoys maintained from Apr. 21 to Dec. 21.						
15905	*- Basin Lighted Buoy 5*	46 46 06 N 92 05 48 W	**Fl G** 4s		4	Green.	
15910	- Basin Anchorage Buoy A					Yellow can.	
15915	- Basin Anchorage Buoy B					Yellow can.	
15920	- Basin Anchorage Buoy C					Yellow can.	
15925	*- Basin Lighted Buoy 7*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 21.
15930	DULUTH MARINE TERMINAL EAST LIGHT		**F R**	28 **9**		On white pile.	Maintained from Apr. 15 to close of navigation. Private aid.
15935	DULUTH MARINE TERMINAL SOUTH LIGHT		**F R**	28 **9**		On white pile.	Maintained from Apr. 15 to close of navigation. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
15940	*Rices Point Lighted Buoy 9*		**Q G**		4	Green.	Replaced by can from Dec. 21 to Apr. 21.
15945	INTERSTATE FISHING PIER EAST LIGHT	47 45 00 N 92 06 00 W	**F R**	15 **5**		On pile.	Maintained from Mar. 15 to Jan. 15. Private aid.
15950	INTERSTATE FISHING PIER WEST LIGHT		**F R**	15 **5**		On pile.	Maintained from Mar. 15 to Jan. 15. Private aid.
15955	East Gate Basin Buoy 11					Green can	
	Rices Point Boatslip						
	Aids maintained from Apr. 15 to Nov. 1.						
15960	- Buoy 1	46 45 00 N 92 06 00 W				Green can.	Private aid.
15965	- Buoy 2					Red nun.	Private aid.
15970	- Buoy 3					Green can.	Private aid.
15975	- Buoy 4					Red nun.	Private aid.
15980	- Buoy 5					Green can.	Private aid.
15985	- Buoy 6					Red nun.	Private aid.
	Hearding Island Channel						
	Buoys maintained from Jun. 1 to Oct. 1.						
15995	- Entrance Buoy 1					Green can.	Private aid.
16000	- Entrance Buoy 2					Red nun.	Private aid.
16005	- Entrance Buoy 4					Red nun.	Private aid.
16010	- Entrance Buoy 6					Red nun.	Private aid.
16015	ST. LOUIS BAY NORTH CHANNEL RANGE FRONT LIGHT (EASTERN SECTION)	46 44 12 N 92 08 42 W	**Q R**	41 **12**		KRW on skeleton tower.	
16020	ST. LOUIS BAY NORTH CHANNEL RANGE REAR LIGHT (EASTERN SECTION) 800 feet, 227° from front light.	46 44 04 N 92 08 48 W	**Iso R** 6s	61 **19**		KRW on skeleton tower. On same structure as St. Louis Bay South Channel Range Rear Light.	
	St. Louis Bay North Channel (Western Section)						
16023	- Buoy 1					Green can.	
16025	- Buoy 2					Red nun.	
16030	*- Lighted Buoy 3*		**Q G**		4	Green.	Maintained from Apr. 21 to Dec. 7.
16035	- Buoy 4					Red nun.	
16040	- Buoy 5					Green can.	
16045	- Buoy 6					Red nun.	
16050	- Buoy 7					Green can.	
16055	*St. Louis Bay Junction Lighted Buoy*		**Fl (2+1) R** 6s		4	Red and green bands.	Replaced by nun from Dec. 7 to Apr. 28.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
16060	Howards Bay Buoy 2	46 44 42 N 92 06 06 W				Red nun.	
	St. Louis Bay South Channel (Eastern Section)						
16065	- Buoy 2					Red nun.	
16070	*- Lighted Buoy 2A*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to Apr. 21.
16075	- Buoy 3					Green can.	
16076	*General Mills Lighted Obstuction Buoy*	46 44 39 N 92 06 35 W	**Fl W** 2s			White with orange bands and diamond worded DANGER CRIB.	Maintained from Apr. 7 to Dec. 21. Private aid.
16080	- Buoy 4					Red nun.	
16085	- Buoy 5					Green can.	
	St. Louis Bay Cross Channel						
16090	*- Lighted Buoy 2*		**Q R**		4	Red.	Replaced by nun from Dec. 7 to Apr. 21.
16095	*- Lighted Buoy 1*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to Apr. 21.
16100	- Buoy 4					Red nun.	
16105	*- Lighted Buoy 6*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to Apr. 21.
16110	- Buoy 7					Green can.	
16115	- Buoy 8					Red nun.	
	St. Louis Bay South Channel (Western Section)						
16120	- RANGE FRONT LIGHT	46 44 06 N 92 08 42 W	**Q R**	41 **12**		KRW on skeleton tower.	
16125	- RANGE REAR LIGHT 600 feet, 247.5° from front light.	46 44 04 N 92 08 48 W	**Iso R** 6s	61 **19**		KRW on skeleton tower. On same structure as St. Louis Bay North Channel Range Rear Light.	
16130	- Buoy 6					Red nun.	
16135	- Buoy 7					Green can.	
16140	- Buoy 8					Red nun.	
16145	*- Lighted Buoy 9*		**Fl G** 4s		4	Green.	Maintained from Apr. 28 to Dec. 7.
16150	- Buoy 10					Red nun.	
16155	- Buoy 11					Green can.	
16160	- Buoy 12					Red nun.	
16165	*- Lighted Buoy 13*		**Q G**		4	Green.	Maintained from Apr. 28 to Dec. 7.
	St. Louis River Upper Channel						
16175	- Entrance Buoy 1					Green can.	
16180	*- Lighted Buoy 4*		**Q R**		4	Red.	Replaced by nun from Dec. 7 to Apr. 28.
16185	- Buoy 5					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
16190	- Buoy 5A					Green can.	
	Minnesota Channel (Eastern Section)						
16195	- RANGE FRONT LIGHT	46 43 12 N 92 08 36 W	**F G**	16 **5**		KRW on triangular tower.	Visible all around.
16200	- RANGE REAR LIGHT 1,020 feet, 084.5° from front light.		**F G**	39 **12**		KRW on white cylindrical tower.	
16205	*- Lighted Buoy 6*		**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 7 to Apr. 28.
16210	*- Lighted Buoy 7*		**Q G**		4	Green.	Replaced by can Dec. 7 from to Apr. 28.
16215	- Buoy 8					Red nun.	
16220	*- Lighted Buoy 9*		**Fl G** 4s		4	Green.	Maintained from Apr. 28 to Dec. 7.
16225	*- Lighted Buoy 10*		**Fl R** 4s		4	Red.	Maintained from Apr. 28 to Dec. 7.
16230	- Buoy 13					Green can.	
16235	*- Lighted Buoy 14*		**Fl R** 4s		4	Red.	Maintained from Apr. 28 to Dec. 7.
16240	*- Lighted Buoy 15*		**Fl G** 4s		4	Green.	Maintained from Apr. 28 to Dec. 7.
16245	- Buoy 16					Red nun.	
16250	*- Lighted Buoy 19*		**Fl G** 2.5s		4	Green.	Maintained from Apr. 28 to Dec. 7.
	Minnesota Channel (Western Section)						
	Buoys maintained from Apr. 28 to Oct. 21.						
16255	- Buoy 20					Red nun.	
16260	- Buoy 21					Green can.	
16265	*- Lighted Buoy 22*		**Fl R** 4s		3	Red.	
16270	- Buoy 23					Green can.	
16275	- Buoy 24					Red nun.	
16280	*- Lighted Buoy 26*		**Fl R** 4s		3	Red.	
16285	- Buoy 27					Green can.	
16290	- Buoy 28					Red nun.	
16295	- Buoy 29					Green can.	
16297	- Buoy 30					Red nun.	
16300	- Buoy 31					Green can.	
16305	- Buoy 32					Red nun.	
16308	- Buoy 33					Green can.	
16310	- Buoy 31A					Green can.	
16315	- Buoy 34					Red nun.	
16320	- Buoy 35					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
16322	- Buoy 36					Red nun.	
16325	- Buoy 37	46 41 45 N 92 11 37 W				Green can.	
16330	- Buoy 38	46 41 43 N 92 11 35 W				Red nun.	
	St. Louis River						
	Buoys maintained from Apr. 28 to Oct. 21.						
16335	- Buoy 40	46 41 44 N 92 11 20 W				Red nun.	
16340	- Buoy 42	46 41 45 N 92 11 07 W				Red nun.	
16345	- Buoy 43					Green can.	
16350	- Buoy 44					Red nun.	
16355	- Buoy 46					Red nun.	
16360	- Buoy 48					Red nun.	
16365	- Buoy 52					Red nun.	
16370	- Buoy 55					Green can.	
16375	- Buoy 56					Red nun.	
16380	- Buoy 57					Green can.	
16385	- Buoy 58					Red nun.	
16390	- Buoy 59					Green can.	
16395	- Buoy 60					Red nun.	
16400	- Buoy 61					Green can.	
16405	- Buoy 62					Red nun.	
16405.5	- St Louis River Buoy 62A	46 40 12 N 92 12 00 W				Red nun.	
16410	- Buoy 63					Green can.	
16415	- Buoy 64					Red nun.	
16420	- Buoy 65					Green can.	
16425	- Buoy 66					Red nun.	
16430	- Buoy 67					Green can.	
16435	- Buoy 68					Red nun.	
16440	- Buoy 69					Green can.	
16445	- Buoy 71					Green can.	
16450	- Buoy 73					Green can.	
16455	- Buoy 75					Green can.	
16460	- Buoy 76					Red nun.	
16465	- Buoy 77					Green can.	
16470	- Buoy 79					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
16475	- Buoy 80					Red nun.	
16480	- Buoy 81					Green can.	
16485	- Buoy 83					Green can.	
16490	- Buoy 85					Green can.	
	LITTLE GIRLS POINT TO SILVER BAY (Chart 14966)						
	Knife River Harbor						
16495	- ENTRANCE LIGHT	46 56 36 N 91 46 42 W	**Fl G** 4s	31 **9**	5	SG on pile. 23	
	Two Harbors						
16500	**- Light**	47 00 49 N 91 39 44 W	**Fl (2) W** 20s 0.15s fl 4.85s ec 0.15s fl 14.85s ec	78 **24**		Square tower on dwelling. 50	Light obscured from 065° to 210°. Private aid.
16505	**- East Breakwater Light**	47 00 36 N 91 40 12 W	**Fl R** 6s	32 **10**	10	Square pyramidal skeleton tower with upper part enclosed.	Standby light shows Fl R 5s of reduced intensity. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates from May 1 to Oct. 20.
16515	- WEST BREAKWATER LIGHT	47 00 42 N 91 40 30 W	**Fl G** 4s	26 **8**	4	SG on post.	
16520	DULUTH MISSABE & IRON RANGE RAILWAY CO. ORE DOCK NO. 6 LIGHT		**F R**	10 **3**		On pile.	Private aid.
16525	Agate Bay Buoy 2					Red nun.	
16530	Agate Bay Buoy 4					Red nun.	
16535	Agate Bay Buoy 6					Red nun.	
16536	TWIN POINTS PROTECTED ACCESS LIGHT	47 09 55 N 91 25 30 W	**F R**	14 **4**		On galvanized pipe.	Maintained from May 1 to Nov. 1. Private aid.
	BEAVER BAY TO PIGEON POINT (Chart 14967)						
16540	*NOAA Lighted Weather Buoy 45006*	47 19 06 N 89 51 56 W	**Fl (4) Y** 20s 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 11.5s ec.			Yellow disc-shaped hull with tripod mast.	Replaced by nun from Nov. 1 to Apr. 1.
16545	PELLET ISLAND LIGHT	47 16 12 N 91 15 54 W	**Fl G** 10s	25 **8**			Maintained from Apr. 15 to Dec. 1. Private aid.
	Silver Bay						
	Aids maintained from Apr. 15 to Dec. 1.						
16550	*- Lighted Buoy 1*		**Fl G** 4s			Green.	Private aid.
16555	*- Lighted Buoy 2*		**Fl R** 4s			Red.	Private aid.
16560	*- Lighted Buoy 3*		**Fl G** 4s			Green.	Private aid.
16565	- Buoy 4					Red nun.	Private aid.
16570	BEAVER ISLAND LIGHT	47 16 48 N 91 15 30 W	**Fl R** 10s	20 **6**		Tower.	Private aid. HORN: 1 blast ev 30s (3s bl).
16575	- LEADING LIGHT	47 16 48 N 91 15 54 W	**Fl G** 4s	20 **6**		On black post.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
16580	- LIGHT	47 17 12 N 91 15 30 W	**Fl W** 30s	126 **38**		On top of boiler house.	Private aid.
	Taconite Harbor						
	Buoys maintained from Apr. 1 to Dec. 31.						
16585	- *West Entrance Lighted Buoy 1*		**Fl G** 4s			Green.	Private aid.
16590	- *West Entrance Lighted Buoy 2*		**Fl R** 4s			Red.	Private aid.
16595	- RANGE FRONT LIGHT		**F G**	86 **26**		On tower. 86	Visible 2° each side of centerline of channel. Private aid.
16600	- RANGE REAR LIGHT 1,550 feet, 028° from front light.		**F G**	154 **47**		On tower. 50	Visible 2° each side of center-line of channel. Private aid.
16604	- HARBOR OF REFUGE SOUTH BREAKWATER LIGHT	47 31 14 N 90 55 28 W	**Iso W** 4s	22 **7**		NW on tower worded CAUTION.	Private aid. Ra ref.
16605	- HARBOR OF REFUGE BREAKWATER LIGHT 3	47 31 16 N 90 55 25 W	**Fl G** 4s	22 **7**		SG on tower.	Private aid. Ra ref.
16606	- HARBOR OF REFUGE INNER LIGHT	47 31 17 N 90 55 25 W	**Q R**	17 **5**		TR on tower.	Visible from 284° to 336°. Private aid.
16610	- WEST ENTRANCE LIGHT 4		**Fl R** 4s	24 **7**		On tower. 12	Private aid.
	Grand Marais						
16615	**- Light**	47 44 42 N 90 20 18 W	**Fl W** 2.5s	48 **15**	16	White square pyramidal skeleton tower with upper part enclosed.	Light Obscured from 170° to 190°. HORN: 2 blast ev 30s (2s bl-2s si-2s bl-24s si). Operates from May 1 to Oct. 20.
16625	- WEST BREAKWATER LIGHT 1	47 44 36 N 90 20 24 W	**Fl G** 4s	32 **10**	5	White cylindrical tower with green band.	
16630	- HARBOR INNER BREAKWATER LIGHT 7	47 44 36 N 90 20 06 W	**Fl G** 2.5s	14 **4**	4	SG on triangular tower.	
	BEAVER BAY TO PIGEON POINT (Chart 14967)						
16635	GRAND PORTAGE BAY ENTRANCE LIGHT	47 57 12 N 89 38 18 W	**Fl W** 4s	39 **12**	7	NR on skeleton tower.	
16645	GRAND PORTAGE PIER LIGHT	47 57 36 N 89 40 54 W	**Fl W** 2.5s	12 **4**		On pile.	Maintained from Apr. 1 to Nov. 1. Private aid.
16650	Hat Point Gong Buoy 1	47 57 00 N 89 38 40 W				Green.	Maintained from May 28 to Oct. 14.
	ISLE ROYALE (Chart 14976)						
	Isle Royale						
16655	**Rock of Ages Light**	47 52 01 N 89 18 49 W	**Fl W** 10s	130 **40**	17	White conical tower on cylindrical base. 117	
16660	- West End Buoy 2					Red nun.	
16670	Thompson Island Wreck Buoy					White with orange bands worded WRECK.	Maintained from Jun. 15 to Sep. 30. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
16675	WINDIGO DOCK LIGHT		**Q R**	11 **3**		On post. 6	Maintained from Jun. 15 to Sep. 30. Private aid.
16680	Cumberland Point Buoy 2					Red nun.	Maintained from May 28 to Oct. 14.
	Siskiwit Bay Passage						
16685	*- Lighted Bell Buoy SB*	47 53 47 N 88 53 07 W	**Mo (A) W**		6	Red and white stripes.	Maintained from May 28 to Oct. 14.
16690	- Buoy 1					Green can.	
16695	- Buoy 2					Red nun.	
16700	- Buoy 3					Green can.	
	ISLE ROYAL (Chart 14967)						
16705	Harlem Reef Buoy 2					Red nun.	Maintained from May 28 to Oct. 14.
	ISLE ROYALE (Chart 14976)						
16710	**Isle Royale Light**	47 56 54 N 88 45 42 W	**Fl W** 6s	72 **22**	10	White octagonal tower with dwelling attached. 61	
	Malone Bay						
	Buoys maintained from May 28 to Oct. 14.						
16715	- Entrance Buoy 2					Red nun.	
16720	- Entrance Buoy 3					Green can.	
16725	- Buoy 4					Red nun.	
16730	- Buoy 5					Green can.	
16745	Chippewa Harbor Daybeacon					NW on post.	Private aid.
	Rock Harbor						
16750	Barge Cove Buoy A					White with orange bands; can.	Maintained from Jun. 15 to Sep. 15. Private aid.
16755	Barge Cove Buoy B					White with orange bands; can.	Maintained from Jun. 15 to Sep. 15. Private aid.
16757	Dollar Bay Entrance Buoy 2	48 06 18 N 88 33 12 W				Red nun.	Maintained from Jun. 15 to Sep. 15. Private aid.
16760	MOTT ISLAND DOCK LIGHT		**Q R**	10 **3**		On post. 6	Maintained from Jun. 15 to Sep. 30. Private aid.
16765	SNUG HARBOR DOCK LIGHT		**Q R**	12 **4**		On post. 8	Maintained from Jun. 15 to Sep. 30. Private aid.
16766	Windigo Water Intake Buoy					White with orange bands; can.	Maintained from Jun. 15 to Sep. 15. Private aid.
16770	*Middle Island Passage Lighted Bell Buoy 2*	48 05 27 N 88 34 20 W	**Fl R** 4s		4	Red.	Replaced by nun from Oct 14 to May 28.
16775	Middle Island Passage Buoy 1					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
16780	Middle Island Passage Buoy 3					Green can.	
16785	Saginaw Point Daybeacon					NW on post.	Private aid.
16790	Mott Island Shoal East Buoy					White with orange bands; can.	Maintained from Jun. 15 to Sep. 15. Private aid.
16795	Mott Island Shoal West Buoy Marks rock ledge.					White with orange bands; can.	Maintained from Jun. 15 to Sep. 15. Private aid.
16800	Daisy Farm East Buoy Marks reef.					White with orange bands; can.	Maintained from Jun. 15 to Sep. 15. Private aid.
16805	Daisy Farm West Buoy Marks reef.					White with orange bands; can.	Maintained from Jun. 15 to Sep. 15. Private aid.
16810	McCargoe Cove Entrance Buoy 1					Green can.	Maintained from Jun. 15 to Sep. 30. Private aid.
16815	McCargoe Cove Entrance Buoy 2					Red nun.	Maintained from Jun. 15 to Sep. 30. Private aid.
16820	**Blake Point Light**	48 11 30 N 88 25 18 W	**Fl W** 2.5s	40 **12**	12	NR on skeleton tower.	
16825	Blake Point Five-Foot Shoal Buoy D Marks south side of shoal.					Black and red bands; can.	Maintained from May 28 to Oct. 14.
16830	Locke Point Buoy 2					Red nun.	Maintained from May 28 to Oct. 14.
	GRAND PORTAGE BAY TO SHESHEEB POINT (Chart 14968)						
16835	**Passage Island Light**	48 13 24 N 88 22 00 W	**Fl W** 5s	78 **24**	17	Octagonal tower. 44	RACON: G (– – •). HORN: 1 blast ev 30s (3s bl). Operates year round.
16845	**Caribou Island Light** (C)	47 20 24 N 85 49 30 W	**Fl W** 15s 1s fl 14s ec.	99 **30**	20	Hexagonal structure. 80	RACON: C (– • – •). Emergency light. Seasonal.
16850	*NOAA Lighted Weather Buoy 45004*	47 34 19 N 86 32 59 W	**Fl (4) Y** 20s			Yellow disc-shaped hull with tripod mast.	Replaced by nun from Nov. 1 to Apr. 1.
16855	**Michipicoten Harbor Light** (C)	47 56 36 N 84 54 24 W	**Fl W** 30s	88 **27**	18	Skeleton tower. 40	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	**Slate Islands Light** (C)	48 37 18 N 86 59 48 W	**Oc W** 10s fl 5s ec.	224 **68**	23	White tower. 22	Emergency light.
16870	**Battle Island Light** (C)	48 45 06 N 87 33 24 W	**Fl (3) W** 24s fl 4s ec. fl 4s ec. fl 16s ec.	118 **36**	15	Tower. 43	Emergency light.
16880	*NOAA Lighted Weather Buoy 45001*	48 04 19 N 87 46 35 W	**Fl (4) Y** 20s 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 11.5s ec.			Yellow disc-shaped hull with tripod mast.	Replaced by nun from Nov. 1 to Apr. 1.
16885	**Point Parphyry Light** (C)	48 20 25 N 88 38 53 W	**FFl W** 10s 1s fl 9s ec.	82 **25**	17	White slatted daymark on tower. 48	Fixed white between flashes. Emergency light.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE SUPERIOR				
16890	**Trowbridge Island Light** (C)	48 17 32 N 88 52 30 W	**Fl W** 5s	114 **35**	18	White octagonal tower. 23	Emergency light.
16895	**Angus Island Light** (C)	48 14 12 N 89 00 24 W	**Fl W** 20s 1s fl 19s ec.	81 **25**	18	Skeleton tower on four concrete piers.	Emergency light.
	Thunder Bay						
16905	THUNDER CAPE LIGHT (C)	48 18 06 N 88 56 18 W	**Fl W** 4s	35 **11**	6	Red and white rectangular daymark on tower. 25	
16910	JARVIS ROCK LIGHT (C)	48 06 12 N 89 17 36 W	**Fl W** 4s	40 **12**	6	Red and white rectangular daymark on mast. 20	
16915	**Thunder Bay (Main) Light** (C)	48 26 00 N 89 11 42 W	**Fl R** 5s	49 **15**	14	White square tower. 31	Floodlighted. HORN: 3 blasts ev 60s (2s bl-3s si-2s bl-3s si-2s bl-48s si). Operates by keying the mike 5 times on VHF Channel 19. Emergency light.

Section 13

Minnesota-Ontario Border Lakes

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MINNESOTA-ONTARIO BORDER LAKES				
	BIG TRAVERSE BAY (CHART 6211) (C)						
16925	PENASSE ISLAND LIGHT (C)	49 22 18 N 94 57 30 W	**Fl W** 4s	37 **11**	6	Red and white rectangular daymark on circular mast. 20	Visible from 181° to 076°.
	LAKE OF THE WOODS (Chart 14999)						
16930	*Pine Creek Lighted Buoy 2*		**Fl R** 4s		3	Red.	
16932	Pine Creek Buoy 3					Green can.	
16935	Pine Creek Buoy 4					Red nun.	
16940	*Crow Creek Lighted Buoy 1*		**Fl G** 4s		4	Green.	
16945	Crow Creek Buoy 2					Red nun.	
16947	*Youngs Bay Lighted Buoy 1*	49 20 48 N 94 57 54 W	**Fl G** 6s		4	Green.	Maintained from May 7 to Oct. 14.
16950	Brush Island Buoy 2					Red nun.	
16955	Flag Island Buoy 2	49 20 07 N 94 53 02 W				Red nun.	
16960	Flag Island Buoy 3					Green can.	
16963	DRIFTWOOD POINT LIGHT	49 12 46 N 94 56 45 W	**Fl W** 6s	35 **11**	6	NR on skeleton tower.	
16965	*Flag Island Lighted Buoy 4*		**Fl R** 4s		3	Red.	Maintained from May 7 to Nov. 1.
16970	BOUCHA ISLAND LIGHT (C)	49 17 42 N 94 49 12 W	**Fl W** 4s	38 **12**	6	Green and white banded daymark on mast.	
16975	OAK ISLAND LIGHT 1	49 18 12 N 94 53 06 W	**Fl G** 4s	35 **11**	6	SG on skeleton tower.	
16977	Oak Island Buoy 2					Red nun.	
16980	Sugar Point Rock Buoy 2					Red nun.	
16985	Stoney Point Reef Buoy 2					Red nun.	
16990	BIRCH POINT LIGHT (C)	49 09 54 N 95 14 00 W	**Fl W** 4s	23 **7**		Fluorescent red and white banded rectangular daymark on mast.	
16995	*Buffalo Point Marina Entrance Lighted Buoy* (C)	49 02 30 N 95 13 42 W	**Mo (A) W**			Red and white stripes.	
17000	BUFFALO POINT LIGHT (C)	49 00 00 N 95 13 54 W	**Fl W** 4s	35 **11**	6	Red and white banded diamond daymark on mast.	
17005	*Warroad Lighted Buoy 2*		**Fl R** 4s		2	Red.	Maintained from May 7 to Nov. 1.

Buoys on the MINNESOTA-ONTARIO BORDER LAKES are maintained from May 7 to Oct. 14 unless otherwise noted.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MINNESOTA-ONTARIO BORDER LAKES				
17010	WARROAD JETTY LIGHT 4		**Fl W** 4s	38 **12**	4	TR on post.	
17015	WARROAD RANGE FRONT LIGHT	48 54 00 N 95 18 24 W	**F G**	35 **11**		KRW on black skeleton tower.	Visible on range line.
17020	WARROAD RANGE REAR LIGHT 1,050 feet, 223° from front light.		**Oc W** 4s	60 **18**		KRW on skeleton tower.	Visible 15° each side of range line.
17025	GULL ROCK LIGHT	48 59 00 N 95 03 36 W	**Fl W** 4s	30 **9**	6	NR on skeleton tower.	
17030	Long Point East Shoal Buoy 1					Green can.	
	Zipple Bay						
17035	*- Lighted Buoy 1*		**Fl G** 4s		4	Green.	Maintained from May 7 to Nov. 1.
17040	- LIGHT 2		**Fl R** 2.5s	30 **9**	4	White cylindrical tower.	
17045	- LIGHT 3		**Fl G** 2.5s	28 **9**	4	SG on post.	
17050	BRULE POINT LIGHT Marks rocks. (C)	49 07 54 N 94 20 06 W	**Fl W** 4s	30 **9**	6	Red and white rectangular daymark with black square in center on post. 20	
17055	ROCKY POINT LIGHT (C)	48 57 30 N 94 32 18 W	**Fl W** 4s	25 **8**	9	White daymark on post. 20	
17060	BURTON ISLAND LIGHT (C)	48 57 00 N 94 37 00 W	**Fl W** 4s	35 **11**	6	Florescent red and white rectangular daymark with black square in center on skeleton tower.	
17065	*Bell Buoy Shoal Lighted Buoy* (C)		**Fl G** 4s			Green.	
17070	OAK POINT LIGHT	48 52 36 N 94 41 12 W	**Fl W** 6s	34 **10**	7	NR on skeleton tower.	
	RAINY RIVER (Chart 14999)						
	Four Mile Bay						
17073	*- Lighted Buoy 1*	48 52 48 N 94 40 54 W	**Fl G** 4s		4	Green.	
17075	- Buoy 2					Red nun.	
17077	- Buoy 4					Red nun.	
17079	- Buoy 6					Red nun.	
17080	- Buoy 8					Red nun.	
17083	*- Lighted Buoy 9*	48 51 12 N 94 41 36 W	**Fl G** 4s		4	Green.	
17085	Rainy River Buoy 10					Red nun.	
17087	WHEELER POINT LIGHT 12	48 50 24 N 94 41 12 W	**Fl R** 4s	18 **5**	6	TR on skeleton tower.	

Buoys on the MINNESOTA-ONTARIO BORDER LAKES are maintained from May 7 to Oct. 14 unless otherwise noted.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MINNESOTA-ONTARIO BORDER LAKES				
17089	Wheeler Point Buoy 14					Red nun.	
	Baudette Harbor						
17095	- Buoy 1					Green can.	
17100	- Buoy 2					Red nun.	
17105	- Buoy 3					Green can.	
17110	- Buoy 4					Red nun.	
17115	- Buoy 5					Green can.	
17120	- Buoy 6					Red nun.	
	RAINY LAKE (Chart 14998)						
	International Falls to Dryweed Island						
17125	FORT FRANCES RANIER BRIDGE LIGHT (C)	48 36 48 N 93 22 00 W	**Fl G** 4s	28 **9**		On post. 16	
17130	RANIER SINGLE POINT RANGE LIGHT	48 36 42 N 93 21 12 W	**F W**	28 **9**		KRW on skeleton tower.	Higher intensity beam on bearing of 105°.
17140	- Buoy 2					Red nun.	
17145	- Buoy 3					Green can.	
17150	FRANSEN ISLAND LIGHT 2A	48 37 42 N 93 15 06 W	**Fl R** 4s		4	TR on skeleton tower.	
17155	Red Sucker Island Buoy 4					Red nun.	
17160	Red Sucker Island Buoy 6					Red nun.	
17165	BALD ROCK LIGHT	48 37 24 N 93 10 54 W	**Fl W** 4s	35 **11**	6	NB on skeleton tower.	
17170	- Buoy 7					Green can.	
17175	- Buoy 8					Red nun.	
17180	CAPSTAN REEF LIGHT (C)	48 38 06 N 93 03 00 W	**Fl W** 4s	17 **5**	6	White structure.	Ra ref.
17185	Olson Reef Buoy 10OR					Red nun.	
17190	ROBERTS ISLAND LIGHT 2	48 37 12 N 93 16 00 W	**Fl R** 4s	27 **8**	6	TR on skeleton tower.	
	Canoe Channel						
17195	- Daybeacon 4 Marks rocks.	48 37 00 N 93 15 36 W				TR on skeleton tower.	
17200	- Daybeacon 5 Marks rock.					SG on skeleton tower.	
17205	- Buoy 7 Marks rock.					Green can.	
17210	- Daybeacon 6 Marks rock.					TR on skeleton tower.	
17215	- Daybeacon 10 Marks rock awash.					TR on skeleton tower.	

Buoys on the MINNESOTA-ONTARIO BORDER LAKES are maintained from May 7 to Oct. 14 unless otherwise noted.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MINNESOTA-ONTARIO BORDER LAKES				
17220	- Daybeacon 12					TR on skeleton tower.	
17225	- Buoy 14					Red nun.	
17230	- Daybeacon 15 Marks submerged rock.					SG on skeleton tower.	
17235	- Buoy 16 Marks rock.					Red nun.	
17240	- LIGHT 17 Marks shoal.	48 36 24 N 93 10 54 W	**Fl G** 2.5s		4	SG on skeleton tower. 21	
17245	Fraser Island Buoy 17A Marks south side of shoal.					Green can.	
17250	Big American Island Daybeacon 19	48 36 18 N 93 09 00 W				SG on pile.	
17255	South Shore Buoy 1					Green can.	
17260	South Shore Buoy 3					Green can.	
17265	South Shore Buoy 5					Green can.	
	RAINY LAKE (Chart 14997)						
	Dryweed Island to Big Island						
	Rainy Lake						
17270	South Shore Buoy 7					Green can.	
17275	South Shore Buoy 8					Red nun.	
17280	South Shore Buoy 10					Red nun.	
17285	- Buoy 12					Red nun.	
17290	- Buoy 13					Green can.	
17295	- Buoy 15					Green can.	
17300	- Buoy 16					Red nun.	
17305	MACKENZIE ISLAND LIGHT (C)	48 36 30 N 92 56 24 W	**Fl W** 4s	26 **8**	6	White diamond daymark on post.	Visible from 290° to 110°.
	Brule Narrows						
17310	- Buoy 18					Red nun.	
17315	- Buoy 19					Green can.	
17320	- Buoy 20					Red nun.	
17325	- Buoy 22					Red nun.	
17330	- Buoy 24					Red nun.	
17335	- Buoy 26					Red nun.	
17340	BRULE ISLAND LIGHT (C)	48 35 48 N 92 54 00 W	**Fl W** 4s	22 **7**	5	Lattice tower on concrete base.	
17345	- Buoy 28					Red nun.	
17350	- Buoy 29					Green can.	

Buoys on the MINNESOTA-ONTARIO BORDER LAKES are maintained from May 7 to Oct. 14 unless otherwise noted.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MINNESOTA-ONTARIO BORDER LAKES				
17355	- Buoy 29A					Green can.	
17360	- Buoy 30					Red nun.	
17365	- Buoy 31					Green can.	
17367	Soldiers Point Daybeacon 30A					TR on skeleton tower.	
17370	- Buoy 32					Red nun.	
17375	Rainy Lake Daybeacon 34	48 33 36 N 92 53 24 W				TR on skeleton tower.	
17380	Hitchcock Bay Buoy 35	48 33 12 N 92 53 06 W				Green can.	
17385	Hitchcock Bay Buoy 35A					Green can.	
17390	Hitchcock Island Daybeacon 36	48 32 36 N 92 53 12 W				TR on skeleton tower.	
	RAINY LAKE (Chart 14996)						
	Big Island to Oak Point Island						
	Rainy Lake						
17395	GULL ROCKS LIGHT Marks rock. (C)	48 33 48 N 92 46 36 W	**Fl W** 4s	29 **9**		White rectangular daymark on mast.	
17400	- Buoy 37					Green can.	
17405	- Buoy 38					Red nun.	
17410	- Buoy 39					Green can.	
17415	- Buoy 41					Green can.	
17420	Surveyor's Island Daybeacon 43	48 31 06 N 92 37 42 W				SG on skeleton tower.	
	Kettle Channel						
17425	- Buoy 2					Red nun.	
17430	- Buoy 4					Red nun.	
17435	- Buoy 6					Red nun.	
17440	- Buoy 7					Green can.	
17445	- Buoy 8					Red nun.	
	EASTERN KABETOGAMA LAKE AND WESTERN NAMAKAN LAKE (Chart 14994)						
	Namakan Lake						
17450	Mica Island Daybeacon 2					TR on skeleton tower.	
17455	Mica Island Daybeacon 2A					TR on skeleton tower.	
17460	Squaw Narrows Daybeacon 4	48 29 00 N 92 42 06 W				TR on skeleton tower.	
17465	Gagnon Island Buoy 5					Green can.	

Buoys on the MINNESOTA-ONTARIO BORDER LAKES are maintained from May 7 to Oct. 14 unless otherwise noted.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MINNESOTA-ONTARIO BORDER LAKES				
17470	Gagnon Point Daybeacon 6	48 28 36 N 92 43 06 W				TR on skeleton tower.	
17475	Arrowhead Island Buoy 7					Green can.	
17480	Alden Island Buoy 9					Green can.	
17485	Bivo Island Daybeacon 11					SG on skeleton tower.	
17490	Bivo Island Buoy 13					Green can.	
17495	- Buoy 14					Red nun.	
17500	- Buoy 16					Red nun.	
17505	Kubel Island Buoy 18					Red nun.	
17510	Sexton Island Buoy 20					Red nun.	
17515	Cemetary Island Buoy 22					Red nun.	
17520	Sweetnose Island Daybeacon 23					SG on skeleton tower.	
17525	Sweetnose Island Buoy 24					Red nun	
17530	- Daybeacon 26 Marks rock awash.					TR on post.	
17535	*- Lighted Buoy 27*		**Fl G** 4s		4	Green.	
	Kabetogama Lake						
17540	- Buoy 29					Green can.	
17545	- Buoy 31					Green can.	
17550	- Warning Daybeacon					NW on post.	
17555	- Buoy 32					Red nun.	
17560	Green Island Buoy 34					Red nun.	
17565	Feedem Island Buoy 36					Red nun.	
17570	Knox Island Daybeacon 37					SG on skeleton tower.	
17575	- Junction Buoy					Green and red bands; can.	
17580	- Buoy 38					Red nun.	
17585	- Buoy 39					Green can.	
17590	Pin Cherry Buoy 38A					Red nun.	
	WESTERN KABETOGAMA LAKE (Chart 14995)						
	Kabetogama Lake						
17595	- Buoy 40					Red nun.	
17600	- Buoy 42					Red nun.	
17605	- Buoy 44					Red nun.	
	EASTERN KABETOGAMA LAKE AND WESTERN NAMAKAN LAKE (Chart 14994)						
17610	Martin Island Buoy 1					Green can.	

Buoys on the MINNESOTA-ONTARIO BORDER LAKES are maintained from May 7 to Oct. 14 unless otherwise noted.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MINNESOTA-ONTARIO BORDER LAKES				
	WESTERN KABETOGAMA LAKE (Chart 14995)						
17615	Ram Island Buoy 4					Red nun.	
17620	VOYAGEURS NATIONAL PARK BREAKWATER LIGHT	48 26 30 N 93 01 48 W	**Q R**	15 **5**		TR on post.	Private aid.
	EASTERN KABETOGAMA LAKE AND WESTERN NAMAKAN LAKE (Chart 14994)						
17625	Namakan Island Daybeacon N Marks bifurcation of Namakan and Kabetogama Lakes.	48 27 06 N 92 42 48 W				NR on skeleton tower.	
	WESTERN KABETOGAMA LAKE (Chart 14995)						
17630	Fox Island Daybeacon 4	48 26 12 N 92 40 00 W				TR on skeleton tower.	
17635	Randolph Island Buoy 6					Red nun.	
17640	Pike Island Daybeacon 8					TR on skeleton tower.	
17645	YOUR ISLAND LIGHT 9		**Fl G** 6s	25 **8**	5	SG on skeleton tower.	
17650	Your Island Buoy 10					Red nun.	
17655	Namakan Narrows Daybeacon 12					TR on skeleton tower.	
17660	Namakan Narrows Daybeacon 14					TR on skeleton tower.	
17665	Sand Point Buoy 16					Red nun.	
17670	Sand Point Buoy 18					Red nun.	
17675	Burnt Island Daybeacon 20					TR on skeleton tower.	
17680	Sand Point Buoy 22					Red nun.	
17685	King Williams Narrows Buoy 24					Red nun.	
17690	King Williams Narrows Buoy 25					Green can.	
17695	King Williams Narrows Buoy 27					Green can.	
	SAND POINT LAKE TO LAC LA CROIX (Chart 14992)						
17700	Crane Lake Buoy 28					Red nun.	
17705	Crane Lake Buoy 29					Green can.	
17710	Indian Island Buoy 30					Red nun.	
17715	Bear Island Buoy 32					Red nun.	

Buoys on the MINNESOTA-ONTARIO BORDER LAKES are maintained from May 7 to Oct. 14 unless otherwise noted.

Section 14

Lake Michigan
Straits of MacKinac to Holland Harbor

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
	DE TOUR PASSAGE TO WAUGOSHANCE POINT (Chart 14881)						
17720	ST. HELENA LIGHT	45 51 18 N 84 51 48 W	**Fl W** 6s	71 **22**	6	White conical tower connected to dwelling. 71	
17725	St. Helena Southeast Shoal Buoy 1					Green can.	
17730	St. Helena Shoal Buoy SHS Marks south side of shoal.					Red and green bands; nun.	
	WAUGOSHANCE POINT TO SEUL CHOIX POINT (Chart 14911)						
17735	Manitou Paymen Shoal Buoy 2 Marks southwest side of shoal.					Red nun.	
17740	*New Shoal Lighted Buoy 1*	45 49 16 N 85 05 17 W	**Fl G** 4s		4	Green.	Maintained from Apr. 21 to Dec. 14.
17745	*New Shoal Lighted Bell Buoy 3*	45 48 54 N 85 08 00 W	**Fl G** 2.5s		5	Green.	Replaced by can from Dec. 14 to Apr. 21.
17750	**White Shoal Light** Marks east side of shoal.	45 50 30 N 85 08 06 W	**Fl W** 5s	125 **38**	17	Red and white spiral bands on conical crib.	RACON: K (**– • –**). HORN: 1 blast ev 30s (3s bl). Operates year round.
17755	White Shoal Buoy Marks southwest side of shoal.					Red and green bands; nun.	
17760	*Simmons Reef Lighted Bell Buoy 2* Marks south side of reef.	45 54 10 N 85 12 58 W	**Fl R** 4s		4	Red.	Replaced by nun from Nov. 28 to Apr. 21.
	Grays Reef Passage Channel						
17765	*- Lighted Buoy 5*	45 46 52 N 85 08 18 W	**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 21.
17770	*- Lighted Bell Buoy 4*	45 46 56 N 85 09 04 W	**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 21.
17775	**Grays Reef Light**	45 46 00 N 85 09 12 W	**Fl R** 10s	82 **25**	15	Square tower.	RACON: G (**– – •**). Obscured from 080° to 170°. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates year round.
17780	*- Lighted Buoy 7*	45 45 46 N 85 08 27 W	**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 21.
	WAUGOSHANCE POINT TO SEUL CHOIX POINT (Chart 14911)						
17785	Ile Aux Galets Buoy 2 Marks east side of shoal.	45 40 59 N 85 08 07 W				Red nun.	
17790	Ile Aux Galets Buoy 9 Marks northwest side of shoal.	45 40 56 N 85 11 02 W				Green can.	
17795	**Ile Aux Galets Light**	45 40 36 N 85 10 18 W	**Fl W** 6s	58 **18**	11	White octagonal tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
17800	Dahlia Shoal Buoy 11 Marks southwest side of shoal.	45 37 32 N 85 12 48 W				Green can.	
17805	Hog Island Reef Obstruction Buoy HI Marks east side of reef.	45 43 13 N 85 20 19 W				Red and green bands; nun.	
17810	*Beaver Island Shoal Northeast End Lighted Buoy 1*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 14 to May 7.
	St. James Harbor						
17815	- Buoy 1	45 44 00 N 85 29 48 W				Green can.	
17820	- Buoy 2					Red nun.	
17825	*- Lighted Buoy 4*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 14 to May 7.
17830	- Buoy 6					Red nun.	Maintained from May 7 to Nov. 14.
17835	- Buoy 7					Green can.	Maintained from May 7 to Nov. 14.
17840	- Buoy 8					Red nun.	Maintained from May 7 to Nov. 14.
17845	**St. James Light**	45 44 36 N 85 30 30 W	**Iso R** 6s	38 **12**	10	Cylindrical tower. 41	Light obscured from 127°30′ to 199°30′.
	WAUGOSHANCE POINT TO SEUL CHOIX POINT (Chart 14911)						
17850	*Stony Point Shoal Lighted Bell Buoy 1* Marks east side of shoal.		**Fl G** 6s		5	Green.	Replaced by can from Nov. 14 to May 7.
	GRAND TRAVERSE BAY TO LITTLE TRAVERSE BAY (Chart 14913)						
	Harbor Springs						
17855	**Little Traverse Light**	45 25 12 N 84 58 36 W	**Fl G** 6s	72 **22**	10	White skeleton tower. 41	
17860	*Harbor Springs Special Anchorage Lighted Buoy B*	45 25 36 N 84 59 06 W	**Fl W** 2s			White.	Maintained from Apr. 1 to Nov. 1. Private aid.
17865	STATE STREET PIER LIGHT	45 25 48 N 84 59 30 W	**F R**	38 **12**		On top of restaurant with white roof.	Maintained from Apr. 1 to Dec. 1. Private aid.
17870	SPRING STREET PIERHEAD LIGHT		**F R**	18 **5**		On dock.	Maintained from Apr. 1 to to Dec. 1. Private aid.
	Ford Park Channel						
	Buoys maintained from Apr. 1 to Nov. 1.						
17875	*- Lighted Buoy 1*	45 25 36 N 84 58 54 W	**Fl G** 2s			Green.	Private aid.
17880	*- Lighted Buoy 2*		**Fl R** 2s			Red.	Private aid.
17885	*- Lighted Buoy 3*		**Fl G** 2s			Green.	Private aid.
17890	*- Lighted Buoy 4*		**Fl R** 2s			Red.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
	GRAND TRAVERSE BAY TO LITTLE TRAVERSE BAY (Chart 14913)						
17895	WALSTROM MARINE LIGHT 1		**Q G**	8 **2**		On post.	Maintained from Jun. 1 to Oct. 1. Private aid.
17900	WALSTROM MARINE LIGHT 2		**Q R**	8 **2**		On post.	Maintained from Jun. 1 to Oct. 1. Private aid.
17905	*Harbor Springs Special Anchorage Lighted Buoy A*	45 25 36 N 84 58 24 W	**Fl W** 2s			White.	Maintained from Apr. 1 to Nov. 1. Private aid.
	Petoskey						
17915	- LIGHT		**Fl R** 2.5s	44 **13**	5	White cylindrical tower.	
	LAKE CHARLEVOIX (Chart 14942)						
	Charlevoix						
17920	**- North Pierhead Light**	45 19 18 N 85 15 54 W	**Fl G** 2.5s	20 **6**	10	SG on post.	
17925	**- South Pierhead Light**	45 19 13 N 85 15 53 W	**Fl R** 4s	41 **12**	10	On white square tower.	HORN: 1 blast ev 30s (3s bl). Operates from May 1 to Oct. 20.
17930	Round Lake Special Anchorage Buoy A					Yellow can.	
17935	Round Lake Special Anchorage Buoy B					Yellow can.	
17940	Round Lake Special Anchorage Buoy C					Yellow can.	
17945	PINE RIVER LIGHT 3	45 18 54 N 85 14 42 W	**Fl G** 2.5s	10 **3**	5	SG on skeleton tower.	
17950	*Pine River Channel Lighted Buoy 2*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 14 to Apr. 14.
17955	NORTHWEST MARINE YACHT BASIN LIGHT 4	45 18 24 N 85 14 42 W	**F R**	7 **2**		TR on pile.	Maintained from May 15 to Nov. 1. Private aid.
17960	NORTHWEST MARINE YACHT BASIN LIGHT 1	45 18 24 N 85 14 42 W	**F G**	6 **2**		SG on tripod.	Maintained from May 15 to Nov. 1. Private aid.
17965	NORTHWEST MARINE YACHT BASIN LIGHT 3	45 18 24 N 85 14 42 W	**F G**	7 **2**		SG on pile.	Maintained from May 15 to Nov. 1. Private aid.
	Belvedere Club Dock						
	Lights maintained from May 1 to Nov. 15.						
17970	- LIGHT A	45 18 54 N 85 15 00 W	**F R**	6 **2**		On pile.	Private aid.
17975	- LIGHT B		**F R**	6 **2**		On pile.	Private aid.
17980	- LIGHT C		**F R**	6 **2**		On pile.	Private aid.
17985	- LIGHT D		**F R**	6 **2**		On pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
	Charlevoix Floating Breakwall						
	Lights maintained from Apr. 1 to Nov. 1.						
17990	- LIGHT	45 18 06 N 85 14 42 W	**Fl W** 4s			On floating breakwall.	Private aid
17995	- LIGHT		**Fl W** 4s			On floating breakwall.	Private aid.
18000	- LIGHT		**Fl W** 4s			On floating breakwall.	Private aid.
18005	- LIGHT		**Fl W** 4s			On floating breakwall.	Private aid.
	Charlevoix						
18010	IRISH BOAT SHOP STOVER ROAD LIGHT 2		**Oc R** 3s	12 **4**		On post.	Private aid.
18015	IRISH BOAT SHOP STOVER ROAD LIGHT 1		**F G**	12 **4**		On post.	Private aid.
18020	IRISH BOAT SHOP FERRY AVENUE LIGHT 2		**Fl R** 4s	4 **1**		On post.	Maintained from May 1 to Nov 1. Private aid.
18025	IRISH BOAT SHOP FERRY AVENUE LIGHT 1		**Fl G** 2.5s	4 **1**		On post.	Maintained from May 1 to Nov 1. Private aid.
18036	PINE LAKE CLUB MARINA ENTRANCE LIGHT 1	45 17 42 N 85 14 36 W	**Fl G** 2.5s	8 **2**		SG on post.	Maintained from May 1 to Nov. 1. Private aid.
18037	PINE LAKE CLUB MARINA ENTRANCE LIGHT 2		**F R**	8 **2**		TR on post.	Maintained from May 1 to Nov. 1. Private aid.
18040	OYSTER BAY MARINA LIGHT 2	45 18 54 N 85 12 18 W	**F R**	12 **4**		TR on pile.	Maintained from Apr. 1 to Dec. 1. Private aid.
18045	OYSTER BAY MARINA LIGHT 1		**F G**	12 **4**		SG on pile.	Maintained from Apr. 1 to Dec. 1. Private aid.
18046	Old Lumber Crane Crib Buoy	45 19 06 N 85 14 25 W				White with orange bands.	Maintained from May 10 to Oct. 30. Private aid.
	Haters Dock						
	Lights maintained from May 15 to Oct. 15.						
18050	- LIGHT 2	45 14 48 N 85 10 42 W	**F R**	7 **2**		On pile.	Private aid.
18055	- LIGHT 4		**F R**	7 **2**		On pile.	Private aid.
18060	- LIGHT 6		**F R**	9 **3**		On post.	Private aid.
18065	- LIGHT 8		**F R**	9 **3**		On post.	Private aid.
18067	*Horse Point Lighted Buoy 3*	45 13 48 N 85 03 42 W	**Fl G** 4s		4	Green.	Maintained from Apr. 14 to Nov. 14.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
	Boyne City						
	Harborage Marina						
	Lights maintained from Apr. 1 to Dec. 1.						
18070	- WEST ENTRANCE LIGHT 2	45 12 36 N 85 01 24 W	**Q R**	10 **3**		TR on pile.	Private aid.
18075	- WEST ENTRANCE LIGHT 1		**Q G**	10 **3**		SG on post.	Private aid.
18080	- EAST BREAKWATER LIGHT	45 12 42 N 85 01 12 W	**Q W**	10 **3**		NW on post worded DANGER.	Private aid.
18085	- EAST ENTRANCE LIGHT 2		**Q R**	10 **3**		TR on post.	Private aid.
18090	- EAST ENTRANCE LIGHT 1		**Q G**	10 **3**		SG on post.	Private aid.
	GRAND TRAVERSE BAY TO LITTLE TRAVERSE BAY (Chart 14913)						
18095	MEDUSA CHANNEL BREAKWATER LIGHT		**Fl R** 4s	24 **7**		On gray pile.	Maintained from Apr. 15 to Dec. 15. Private aid.
18100	*South Point Lighted Bell Buoy 2* Marks shoal.	45 19 35 N 85 18 00 W	**Fl R** 4s		5	Red.	Replaced by nun from Dec. 14 to Apr. 14.
	Grand Traverse Bay						
18105	Fisherman Island Shoal Buoy 1 Marks northwest side of shoal.					Green can.	Replaced by smaller can from Nov. 14 to May 7.
18110	**Grand Traverse Light**	45 12 36 N 85 33 00 W	**Fl W** 6s	50 **15**	24	NR on skeleton tower. 41	Standby light of reduced intensity.
18115	- *Shoal Lighted Bell Buoy 3* Marks northwest side of shoal.	45 08 01 N 85 26 12 W	**Fl G** 4s		4	Green.	Replaced by can from Nov. 14 to Apr. 14.
18120	*Northport Point Lighted Bell Buoy 2* Marks south side of shoal.		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 14 to Apr. 14.
18125	Northport Bay Shoal Buoy 4 Marks southeast side of shoal.					Red nun.	
18130	Northport Bay Shoal Buoy 6 Marks southwest side of shoal.					Red nun.	
18135	NORTHPORT WEST LIGHT 2	45 07 48 N 85 36 42 W	**Q R**	18 **5**		TR on post.	Visible from 090° to 135°. Maintained from May 15 to Dec. 1. Private aid.
18140	NORTHPORT EAST LIGHT 1		**Q G**	18 **5**		SG on post.	Maintained from May 15 to Dec. 1. Private aid.
18145	MISSION POINT LIGHT	45 01 06 N 85 30 24 W	**Fl W** 6s	41 **12**	6	White cylindrical tower. 25	
18150	Omena Buoy 2					Red nun.	Maintained from May 1 to Oct. 1. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
18152	ARTHUR DUHAMEL MARINA LIGHT 1	45 01 54 N 85 35 48 W	**Fl G** 2.5s	23 **7**			Private aid.
18153	ARTHUR DUHAMEL MARINA LIGHT 2		**Fl R** 2.5s	23 **7**			Private aid.
	Elk Rapids						
18155	- Buoy 1					Green can.	Maintained from May 15 to Oct. 15. Private aid.
18157	- Buoy 2					Red nun.	Maintained from May 15 to Oct. 15. Private aid.
18160	- BREAKWATER LIGHT 3	44 54 07 N 85 25 03 W	**Fl G** 4s	16 **5**		SG on pile.	Maintained from May 15 to Oct. 15. Private aid.
18162	- BREAKWATER LIGHT 4	44 54 07 N 85 25 05 W	**Fl R** 4s	14 **4**		TR on pile.	Maintained from May 15 to Oct. 15. Private aid.
18165	- Buoy 6					Red nun.	Maintained from May 15 to Oct. 15. Private aid.
18167	- Buoy 8					Red nun.	Maintained from May 15 to Oct. 15. Private aid.
18170	- RANGE FRONT LIGHT	44 54 00 N 85 25 00 W	**F W** **F R**	16 **5**		KWR on black post.	Maintained from May 15 to Oct. 15. Private aid.
18175	- RANGE REAR LIGHT 490 feet, 159.5° from front light.		**F W** **F R**	24 **7**		KWR on black post.	Maintained from May 15 to Oct. 15. Private aid.
	GRAND TRAVERSE BAY TO LITTLE TRAVERSE BAY (Chart 14913)						
18180	EAST BAY HARBOR NORTH BREAKWATER LIGHT	44 46 03 N 85 30 24 W	**Q G**	8 **2**		On post.	Maintained from May 1 to Nov. 1. Private aid.
18185	EAST BAY HARBOR SOUTH BREAKWATER LIGHT	44 46 00 N 85 30 24 W	**Fl R** 5s	8 **2**		On post.	Maintained from May 1 to Nov. 1. Private aid.
	Suttons Bay						
18190	- YACHT CLUB BASIN LIGHT 2	44 59 18 N 85 38 30 W	**Fl R** 2.5s	20 **6**		TR on post.	Maintained from May 15 to Oct. 15. Private aid.
18195	- YACHT BASIN OBSTRUCTION LIGHT		**Fl W** 2.5s	20 **6**		NW on post worded DANGER.	Maintained from May 15 to Oct. 15. Private aid.
18200	- Yacht Club Entrance Buoy 3					Green can.	Maintained from May 15 to Oct. 15. Private aid.
18205	- Municipal Entrance Buoy 2S	44 58 36 N 85 38 36 W				Red nun.	Maintained from May 1 to Nov. 1. Private aid.
18210	- Municipal Entrance Buoy 3					Green can.	Maintained from May 1 to Nov. 1. Private aid.
18215	- Municipal Entrance Buoy 4					Red nun.	Maintained from May 1 to Nov. 1. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
18220	- MUNICIPAL DOCK LIGHT 6		**Q R**	17 **5**		TR on white post.	Maintained from May 1 to Nov. 30. Private aid.
18225	- MUNICIPAL DOCK LIGHT 7		**Q G**	17 **5**		SG on white post.	Maintained from May 1 to Nov. 1. Private aid.
18230	- Municipal Entrance Buoy 9					Green can.	Maintained from May 1 to Nov. 1. Private aid.
18235	- Buoy 1 Marks north side of shoal.					Green can.	
	West Arm						
18240	*- Lighted Bell Buoy 4* Marks shoal.		**Fl R** 4s		4	Red.	Maintained from Apr. 14 to Nov. 14.
18245	- Buoy 6 Marks south side of shoal.					Red nun.	
18250	Tucker Point Shoal Buoy 1 Marks south side of shoal.					Green can.	
18255	Marion Island Shoal Buoy 2 Marks north side of shoal.					Red nun.	
18260	- Buoy 7 Marks wreck.					Green can.	
18265	*- Lighted Buoy 8*	44 47 33 N 85 37 24 W	**Fl R** 4s		5	Red.	Replaced by nun from Nov. 14 to Apr. 14.
	Traverse City						
18270	TRAVERSE CITY BREAKWATER LIGHT	44 47 18 N 85 37 54 W	**Fl R** 2.5s	40 **12**	5	TR on white skeleton tower. 30	
18275	TRAVERSE CITY WEST BREAKWATER LIGHT		**Fl G** 4s	24 **7**	4	SG on white pile.	
18280	ZEPHYR CO. LIGHT	44 47 00 N 85 38 12 W	**F G**	20 **6**			Private aid.
18285	TOTAL PETRO. LIGHT	44 47 00 N 85 38 12 W	**F G**	20 **6**		On pile.	Operated only for the arrival and departure of tankers. Private aid.
18290	DUNCAN L. CLINCH YACHT HARBOR LIGHT		**Q G**	18 **5**		On pile.	Maintained from May 1 to Nov. 1. Private aid.
18295	BOARDMAN RIVER WEST PIERHEAD LIGHTS (2)	44 45 54 N 85 36 36 W	**F Y**	20 **6**		On black poles.	Private aid.
18300	GREAT LAKES MARITIME ACADEMY WEST PIER LIGHT		**Q G**	13 **4**		On pile.	Maintained from Apr. 1 to Nov. 30. Private aid.
18305	GREAT LAKES MARITIME ACADEMY EAST PIER LIGHT		**Q R**	13 **4**		On pile.	Maintained from Apr. 1 to Nov. 30. Private aid.
	PLATTE BAY TO LELAND (Chart 14912)						
18310	*NOAA Lighted Weather Buoy 45002*	45 19 42 N 86 25 03 W	**Fl (4) Y** 20s 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 11.5s ec.			Yellow disc-shaped hull.	NOAA maintained from Apr. 1 to Nov. 1. Nun; winter marker.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
18315	South Fox Island Shoals Buoy 3					Green can.	
18320	South Fox Island Shoals Buoy 4					Red nun.	
18325	South Fox Island Shoals Buoy 2					Red nun.	Replaced by smaller nun from Nov. 14 to Apr. 14.
18327	NORTH MANITOU ISLAND PIER LIGHT 2	45 07 24 N 85 58 18 W	**Fl R** 4s	20 **6**		TR on post.	Maintained from May 15 to Oct. 30. Private aid.
18328	NORTH MANITOU ISLAND PIER LIGHT 4		**Fl R** 4s	20 **6**		TR on post.	Maintained from May 15 to Oct. 30. Private aid.
18330	LELAND HARBOR LIGHT 1	45 01 24 N 85 45 48 W	**Fl G** 2.5s	25 **8**	6	SG on post.	
18335	LELAND HARBOR LIGHT 2		**Fl R** 4s	25 **8**	4	TR on post.	
18340	**North Manitou Shoal Light** Marks south side of shoal.	45 01 12 N 85 57 24 W	**Fl R** 15s	79 **24**	23	White square structure on concrete base.	RACON: N(**–** •). HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). Operates year round.
18350	*Pyramid Point Shoal Lighted Buoy 5* Marks north side of shoal.	45 00 00 N 85 55 36 W	**Fl G** 4s		4	Green.	Replaced by can from Nov. 14 to Apr. 14.
18355	North Manitou Shoal Southwest End Buoy 6					Red nun.	
18360	*South Manitou Island Shoal Lighted Gong Buoy 8*	44 57 24 N 86 10 00 W	**Fl R** 4s		5	Red.	Replaced by nun from Nov. 14 to Apr. 14.
18365	*Sleeping Bear Lighted Bell Buoy 7*	44 54 06 N 86 10 00 W	**Fl G** 4s		5	Green.	Replaced by can from Nov. 14 to Apr. 14.
18366	MANNING LIGHT	44 48 48 N 86 03 54 W	**Fl W** 4s	38 **12**		White circular tower.	Maintained from Apr. 15 to Nov. 15. Private aid.
	STONY LAKE TO POINT BETSIE (Chart 14907)						
18370	**Point Betsie Light**	44 41 29 N 86 15 19 W	**Fl W** 10s	52 **16**	19	White, red roofs, cylindrical tower connected to dwelling.	
	Frankfort						
18375	**- North Breakwater Light**	44 37 54 N 86 15 06 W	**F W**	72 **22**	16	White square pyramidal tower. 67	HORN: 1 blast ev 30s (3s bl). Operates from Apr. 1 to Nov. 1.
18385	- SOUTH BREAKWATER LIGHT		**Fl R** 4s	46 **14**	5	White cylindrical tower with red band.	
18390	- NORTH PIERHEAD LIGHT		**Fl G** 2.5s	31 **9**	6	SG on post.	
18395	- SOUTH PIERHEAD LIGHT		**Fl R** 6s	30 **9**	6	TR on post.	
18405	ARCADIA HARBOR LIGHT 1	44 29 01 N 86 14 58 W	**Fl G** 4s	30 **9**	4	SG on post.	
18410	ARCADIA HARBOR LIGHT 2	44 28 54 N 86 15 00 W	**Fl R** 2.5s	30 **9**	5	White cylindrical tower with red band.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
	Portage Lake						
18415	- NORTH PIERHEAD LIGHT	44 21 36 N 86 16 06 W	**Fl G** 4s	37 **11**	5	White cylindrical tower with green band. 20	HORN: 1 blast ev 15s (2s bl). Operates from Apr. 1 to Nov. 1.
18420	- SOUTH PIERHEAD LIGHT		**Fl R** 4s	27 **8**	6	TR on post.	
	Suttons Bay						
18425	- INNER LIGHT		**Fl R** 6s	27 **8**	4	TR on post.	
18427	*- Lake Lighted Buoy 3 Marks shoal.*	44 21 37 N 86 14 37 W	**Fl G** 4s			Green.	Maintained from Apr. 14 to Oct. 14.
	MANISTEE HARBOR (Chart 14938)						
	Manistee						
18450	**- North Pierhead Light**	44 15 07 N 86 20 49 W	**Iso W** 6s	55 **17**	15	White cylindrical tower. 39	HORN: 1 blast ev 15s (2s bl). Operates from Apr. 1 to Nov. 1.
18460	- SOUTH BREAKWATER LIGHT		**Fl R** 4s	33 **10**	7	White cylindrical tower, with red band.	
18465	- SOUTH PIERHEAD LIGHT		**Iso R** 6s	29 **9**	4	TR on pole.	
	Harbor Village Marina						
	Lights maintained from May 1 to Nov. 30.						
18466	- ENTRANCE LIGHT 1	44 14 48 N 86 20 30 W	**F G**			SG on pile.	Private aid.
18466.1	- ENTRANCE LIGHT 2		**F R**			TR on pile.	Private aid.
18466.2	- ENTRANCE LIGHT 3		**F G**			SG on pile.	Private aid.
18466.3	- ENTRANCE LIGHT 4		**F R**			TR on pile.	Private aid.
18466.4	- ENTRANCE LIGHT 6		**F R**			TR on pile.	Private aid.
	Manistee Lake						
18480	*- Lighted Buoy 2*	44 15 11 N 86 18 47 W	**Fl R** 2.5s		4	Red.	Maintained from May 14 to Oct. 14.
18483	- Buoy 3					Green can.	
18490	- Obstruction Buoy A Marks submerged ruins.	44 14 48 N 86 18 36 W				Red nun.	Maintained from May 1 to Oct. 31. Private aid.
18495	- Buoy 5	44 15 06 N 86 18 30 W				Green can.	
18497	- Buoy 7					Green can.	
18500	- Buoy 9	44 14 36 N 86 18 12 W				Green can.	
18505	- Buoy 10					Red nun.	
18510	- Buoy 12					Red nun.	
18515	- Buoy 13	44 14 15 N 86 18 09 W				Green can.	
18520	- Buoy 14					Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
	STONY LAKE TO POINT BETSIE (Chart 14907)						
18525	**Big Sable Light**	44 03 30 N 86 30 54 W	**F W**	106 **32**	15	White conical tower with top and middle third black with dwelling attached. 107	Obscured from 238° to 346°.
	LUDINGTON HARBOR (Chart 14937)						
	Ludington						
18530	- NORTH BREAKWATER LIGHT	43 57 12 N 86 28 12 W	**ISO W** 6s	55 **17**	9	White square pyramidal tower.	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates from Apr. 1 to Oct. 1.
18540	- NORTH PIERHEAD LIGHT		**Fl G** 4s	26 **8**	6	SG on white column.	
18545	- INNER BREAKWATER NORTH LIGHT	43 57 18 N 86 27 42 W	**Q R**	16 **5**		On steel pile.	Private aid. Maintained from Apr. 1 to Nov. 15.
18550	- INNER BREAKWATER SOUTH LIGHT	43 57 12 N 86 27 42 W	**Q W**	16 **5**		On steel pile.	Maintained from Apr. 1 to Nov. 15. Private aid.
18555	- SOUTH BREAKWATER LIGHT		**Fl R** 2.5s	30 **9**	6	White cylindrical tower with red band.	
18560	- SOUTH PIERHEAD LIGHT 6	43 57 06 N 86 27 36 W	**Fl R** 4s	30 **9**	5	TR on post.	
	Pere Marquette Lake						
18565	- *Lighted Buoy 1*		**Fl G** 2.5s		4	Green.	Replaced by can from Oct. 14 to May 14.
18570	- Buoy 3					Green can.	
18575	- Buoy 5					Green can.	
18580	- West Buoy 2 Marks submerged piling.					Red nun.	
	STONY LAKE TO POINT BETSIE (Chart 14907)						
	Consumer Power Company						
	Buoys maintained from Apr. 15 to Oct. 15. *Buoys are located 230 feet apart, 100 feet off breakwall and lighted buoys mark submerged net.*						
18585	- *Lighted Obstruction Buoy A*		**Q W**			White with orange diamond.	Private aid.
18590	- *Lighted Obstruction Buoy B*		**Q W**			White with orange diamond.	Private aid.
18595	- *Lighted Obstruction Buoy C*		**Q W**			White with orange diamond.	Private aid.
18600	- *Lighted Obstruction Buoy D*		**Q W**			White with orange diamond.	Private aid.
18605	- *Lighted Obstruction Buoy E*		**Q W**			White with orange diamond.	Private aid.
18610	- *Lighted Obstruction Buoy F*		**Q W**			White with orange diamond.	Private aid.
18615	- *Lighted Obstruction Buoy G*		**Q W**			White with orange diamond.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
	Pentwater						
18620	- NORTH PIERHEAD LIGHT 3		**Fl G** 2.5s	43 **13**	10	White cylindrical tower with green band.	HORN: 1 blast ev 30s (3s bl). Operates from Apr. to Nov.
18630	- SOUTH PIERHEAD LIGHT 4	43 46 54 N 86 26 36 W	**Fl R** 4s	48 **15**	4	TR on red skeleton tower. 34	
18645	**Little Sable Light**	43 39 09 N 86 32 24 W	**Fl W** 6s	108 **33**	17	Red brick conical tower. 107	
	WHITE LAKE (Chart 14935)						
	White Lake						
18650	- NORTH PIERHEAD LIGHT 1	43 22 30 N 86 25 42 W	**Fl G** 6s	25 **8**	8	White column with green band.	
18655	- SOUTH PIERHEAD LIGHT 2		**Fl R** 4s	33 **10**	5	TR on post.	
18660	- PIERHEAD INNER LIGHT 4		**Fl R** 2.5s	30 **9**	4	TR on post.	
18665	*- Lighted Buoy 5*	43 22 30 N 86 25 12 W	**Fl G** 2.5s		4	Green.	Maintained from Apr. 21 to Nov. 14.
18670	*- Lighted Buoy 7*	43 22 30 N 86 25 06 W	**Fl G** 4s		4	Green.	Maintained from Apr. 21 to Nov. 14.
18675	*- Lighted Buoy 9*	43 22 36 N 86 23 48 W	**Fl G** 2.5s		4	Green.	Maintained from Apr. 21 to Nov. 14.
18680	*- Lighted Buoy 11*	43 23 04 N 86 22 42 W	**Fl G** 6s		3	Green.	Maintained from Apr. 21 to Nov. 14.
18685	*- Lighted Buoy 12*	43 23 30 N 86 22 00 W	**Fl R** 4s		3	Red.	Maintained from Apr. 21 to Nov. 14.
18690	- LIGHT 14	43 24 06 N 86 21 18 W	**Fl R** 2.5s	12 **4**	4	TR on pile.	
18695	- LIGHT 15	43 24 12 N 86 21 18 W	**Fl G** 4s	12 **4**	4	SG on pile.	
	MUSKEGON LAKE (Chart 14934)						
	Muskegon						
18705	- SOUTH BREAKWATER LIGHT	43 13 30 N 86 20 48 W	**Iso R** 6s	70 **21**	7	Pyramidal tower. 53	Maintained from May 1 to Nov. 1. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si).
18710	**- South Pierhead Light**	43 13 36 N 86 20 29 W	**Fl R** 4s	50 **15**	10	Conical tower. 48	
18720	- NORTH BREAKWATER LIGHT		**Fl G** 4s	34 **10**	4	White cylindrical tower with green band.	
18725	- NORTH PIER OUTER LIGHT	43 13 39 N 86 20 31 W	**Fl G** 6s	30 **9**	4	SG on post.	
18730	- NORTH PIER INNER LIGHT	43 14 00 N 86 19 42 W	**Fl G** 4s	30 **9**	4	SG on post.	
18735	- LAKE LIGHT		**F R**	28 **9**	6	White cylindrical tower with red band.	
18740	HARBOUR TOWNE ENTRANCE LIGHT 1	43 13 42 N 86 19 30 W	**F G**	8 **2**		On tower.	Maintained from Apr. 1 to Dec. 1. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
18745	HARBOUR TOWNE ENTRANCE LIGHT 2	43 13 42 N 86 19 30 W	**F R**	8 **2**		On tower.	Maintained from Apr. 1 to Dec. 1. Private aid.
18750	*- Lighted Buoy 3*		**Fl G** 2.5s			Green.	Maintained from Apr. 1 to Nov. 21.
18755	- YACHT CLUB DOCK LIGHT	43 13 12 N 86 19 18 W	**F G**	18 **5**		On post.	Private aid.
18760	LAKE MUSKEGON RANGE FRONT LIGHT	43 13 00 N 86 18 30 W	**F R**	26 **8**		KBW on pile.	Private aid.
18765	LAKE MUSKEGON RANGE REAR LIGHT 200 feet, 174° from front light.		**F R**	29 **9**		KBW on pile.	Private aid.
18770	BEAR LAKE ENTRANCE WEST LIGHT	43 14 24 N 86 17 54 W	**F W**	8 **2**		SB on piling. 6	Maintained from Apr. 1 to Nov. 1. Private aid.
18775	BEAR LAKE ENTRANCE EAST LIGHT		**F R**	8 **2**		TR on pile.	Maintained from Apr. 1 to Nov. 1. Private aid.
	Great Lakes Marina Entrance						
	Buoys maintained from Apr. 15 toDec. 12.						
18785	- LIGHT 1	43 13 18 N 86 17 42 W	**Q G**			SG on pile.	Private aid.
18790	- LIGHT 2		**Q R**			TR on pile.	Private aid.
18795	- LIGHT 3		**Fl G** 2.5s			SG on pile.	Private aid.
18800	- LIGHT 4		**Fl R** 2.5s			TR on pile.	Private aid.
18805	- LIGHT 5		**Fl G** 2.5s			SG on pile.	Private aid.
18810	- LIGHT 6		**Fl R** 2.5s			TR on pile.	Private aid.
18815	BANK POINT LIGHT Marks south side of shoal.		**Fl G** 4s	24 **7**	5	SG on post on concrete pier.	
	Lakeshore Yacht Club Channel						
	Aids maintained from Apr. 15 to Oct. 15.						
18820	*- Lighted Buoy 1*	43 13 48 N 86 16 48 W	**Fl G** 4s			Green.	Private aid.
18825	*- Lighted Buoy 2*		**Fl R** 4s			Red.	Private aid.
18830	- Buoy 3					Green can.	Private aid.
18835	- Buoy 4					Red nun.	Private aid.
18840	- Buoy 5					Green can.	Private aid.
18845	- Buoy 6					Red nun.	Private aid.
18850	- Buoy 7					Green can.	Private aid.
18855	- Buoy 8					Red nun.	Private aid.
18870	- Light 10		**F R**	12 **4**		TR on post.	Private aid.
18871	- LIGHT 11	43 13 42 N 86 16 30 W	**F G**	12 **4**		SG on post.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
18875	- HARTSHORN LIGHT Marks north side of shoal.		**Fl R** 4s	15 **5**	3	TR on column.	
	Hartshorn Municipal Marina						
	Aids maintained from Apr. 15 to Nov. 1.						
18881	*- Lighted Buoy 1*	43 14 12 N 86 16 12 W	**Fl G** 4s			Green.	Private aid.
18882	*- Lighted Buoy 2*		**Fl R** 4s			Red.	Private aid.
18883	- Buoy 3					Green can.	Priate aid.
18884	*- Lighted Buoy 4*		**Fl R** 2s			Red.	Private aid.
18885	- LIGHT 5	43 14 12 N 86 16 12 W	**Iso G** 20s	15 **5**		On tripod.	Private aid.
18890	- LIGHT 6		**Iso R** 20s	15 **5**		On tripod.	Private aid.
18895	- BASIN LIGHT	43 13 48 N 86 15 54 W	**F R**	18 **5**		On pole.	Private aid.
18900	Verplank Channel Buoy 2	43 14 42 N 86 15 12 W				Sphere.	Private aid.
18905	Verplank Channel Buoy 4					Sphere.	Private aid.
18910	CONSUMERS POWER COMPANY LIGHT 1	43 15 06 N 86 14 54 W	**F G**	6 **2**		SG on post.	Private aid.
18915	CONSUMERS POWER COMPANY LIGHT 3		**F G**	8 **2**		SG on post.	Private aid.
18920	CONSUMERS POWER COMPANY LIGHT 5		**F G**	18 **5**		SG on pile.	Private aid.
	Conservation Club Channel						
	Aids maintained from Apr. 1 to Nov. 1.						
18925	*- Lighted Buoy 1*	43 15 30 N 86 15 18 W	**Fl G** 2s			Green.	Private aid.
18930	*- Lighted Buoy 2*		**Fl R** 2s			Red.	Private aid.
18935	*- Lighted Buoy 3*		**Q G**			Green.	Private aid.
18940	- Buoy 4					Red nun.	Private aid.
18945	- Light 5	43 15 36 N 86 15 18 W	**Q G**	6 **2**		SG on post.	Private aid.
	GRAND HAVEN AND GRAND RIVER (Chart 14933)						
	Grand Haven						
18965	**- South Pierhead Entrance Light**	43 03 25 N 86 15 22 W	**Fl R** 10s	42 **13**	15	Red fog signal building. 36	Maintained from Apr. 1 to Nov. 1. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si).
18975	- SOUTH PIERHEAD INNER LIGHT		**Oc R** 4s	52 **16**	4	Red cylindrical tower. 51	
18980	- NORTH PIERHEAD LIGHT 1		**Fl G** 4s	36 **11**	6	White cylindrical tower with green band. 32	
18985	- North Shore Marina Daybeacon 1	43 03 42 N 86 14 30 W				SG on post.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
18990	- North Shore Marina Daybeacon 2					TR on post.	Private aid.
	Grand River						
	Unlighted buoys maintained from April 1 to Nov. 1.						
18995	- *Lighted Buoy 3*	43 03 45 N 86 14 17 W	**Fl G** 2.5s		4	Green.	Replaced by can from Nov. 28 to April 1.
19000	- *Lighted Buoy 3A*		**Fl G** 4s		4	Green.	Replaced by can from Nov. 28 to April 1.
19005	- *Lighted Buoy 4*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 28 to April 1.
19010	- Buoy 6					Red nun.	Maintained from Apr. 1 to Nov. 1.
19015	- Buoy 7					Green can.	Maintained from Apr. 1 to Nov. 1.
19020	- *Lighted Buoy 8*		**Fl R** 2.5s		4	Red.	Replaced by nun from Nov. 28 to April 1.
19025	- Buoy 10					Red nun.	Maintained from Apr. 1 to Nov. 1.
19030	- Turning Basin Buoy 12					Red nun.	
19035	- *Lighted Buoy 14*		**Fl R** 2.5s		4	Red.	Maintained from April 1 to Nov. 1.
19040	SPRING LAKE OBSTUCTION LIGHT	43 04 38 N 86 12 50 W	**Fl W** 2.5s	15 **5**	3	3 NW on pile worded DANGER.	
19045	- *Lighted Buoy 14A*		**Fl R** 6s		3	Red.	Maintained from April 1 to Nov. 1.
19050	- *Lighted Buoy 15*		**Fl G** 4s		4	Green.	Maintained from April 1 to Nov. 1.
19055	- *Lighted Buoy 16*		**Fl R** 4s		4	Red.	Maintained from April 1 to Nov. 1.
19060	- *Lighted Buoy 16A*		**Fl R** 6s		4	Red.	Maintained from April 1 to Nov. 1.
	Unlighted buoys maintained from May 1 to Nov. 1.						
19065	- Buoy 17					Green can.	
19070	- Buoy 19					Green can.	
19075	- Buoy 20					Red nun.	
19080	- Buoy 21					Green can.	
19085	- Buoy 22					Red nun.	
19090	- Buoy 23					Green can.	
19095	- Buoy 24					Red nun.	
19100	- Buoy 26					Red nun.	
19105	- Buoy 28					Red nun.	
19110	- Buoy 29					Green can.	
19115	- Buoy 30					Red nun.	
19120	- Buoy 31					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
19125	- Buoy 33					Green can.	
19130	- Buoy 35					Green can.	
19135	- Buoy 37					Green can.	
19140	- Buoy 39					Green can.	
19145	- Buoy 40					Red nun.	
19150	- Buoy 42					Red nun.	
19155	- Buoy 44					Red nun.	
19160	- Buoy 46					Red nun.	
19165	- Buoy 48					Red nun.	
19170	- Buoy 50					Red nun.	
19175	- Buoy 51					Green can.	
19180	- Buoy 52					Red nun.	
19185	- Buoy 54					Red nun.	
19190	- Buoy 55					Green can.	
19195	- Buoy 57					Green can.	
19200	- Buoy 59					Green can.	
19205	- Buoy 60					Red nun.	
19210	- Buoy 62					Red nun.	
19215	- Buoy 64					Red nun.	
19220	- Buoy 66					Red nun.	
19225	- Buoy 67					Green can.	
19230	- Buoy 68					Red nun.	
19235	- Buoy 69					Green can.	
19240	- Buoy 71					Green can.	
19245	- Buoy 72					Red nun.	
19250	- Buoy 74					Red nun.	
19255	- Buoy 76					Red nun.	
19260	- Buoy 78					Red nun.	
19265	- Warning Daybeacon	43 01 00 N 86 01 12 W				NW on pile worded DANGER - END OF DREDGED CHANNEL.	
19267	*NOAA Lighted Weather Buoy 45011*	43 01 30 N 86 16 30 W	**Fl (4) Y** 20s 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 11.5s ec.			Yellow disc-shaped hull.	
	SOUTH HAVEN TO STONEY LAKE (Chart 14906)						
	Port Sheldon						
19270	- BREAKWATER NORTH LIGHT		**Fl G** 4s	14 **4**		Column.	Maintained from Apr. 1 to Oct. 31. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
19275	- BREAKWATER SOUTH LIGHT	42 54 00 N 86 13 06 W	**Fl R** 4s	14 **4**		Column.	Maintained from Apr. 1 to Oct. 31. Private aid.
	HOLLAND HARBOR (Chart 14932)						
	Holland Harbor						
19280	- NORTH BREAKWATER LIGHT	42 46 24 N 86 13 00 W	**Fl G** 6s	27 **8**	7	White cylindrical tower with green band. 20	
19285	- SOUTH BREAKWATER LIGHT	42 46 21 N 86 12 57 W	**Fl R** 4s	27 **8**	5	White cylindrical tower with red band. 20	HORN: 1 blast ev 30s (3s blast). Operates from Apr. 1 to Nov. 1. Operates by keying the mike 5 times on VHF-FM Ch. 79.
19290	- NORTH PIERHEAD LIGHT		**Fl G** 4s	25 **8**	4	SG on cylindrical tower.	
19295	**- South Pierhead Light**	42 46 22 N 86 12 45 W	**Al WR** 10s	52 **16**	W 19 R 17	On square tower on building. 45	
	Lake Macatawa						
19305	- LIGHT		**Fl R** 2.5s	24 **7**	4	TR on column.	Not visible westward.
19310	*- Lighted Buoy 1*	42 46 18 N 86 12 00 W	**Fl G** 4s		4	Green.	Replaced by can from Nov. 7 to Apr. 14.
19320	Big Bay Buoy 1					Green can.	Maintained from Apr. 14 to Nov. 14.
19325	Big Bay Buoy 2					Red nun.	Maintained from Apr. 14 to Nov. 14.
19330	Big Bay Buoy 3					Green can.	Maintained from Apr. 14 to Nov. 14.
19335	MIDDLE GROUND LIGHT 3 Marks southeast side of shoal.		**Fl G** 4s	32 **10**	4	SG on column on cylindrical base. 18	
19340	DRAKE POINT LIGHT 4 Marks north side of shoal.		**Fl R** 4s	32 **10**	4	TR on column on cylindrical base. 18	
19345	- Buoy 5	42 46 45 N 86 09 53 W				Green can.	
19350	*- Lighted Buoy 6*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 7 to Apr. 14.
	Vanden Bos Channel						
	Aids maintained from May 1 to Nov. 1.						
19355	*- Lighted Buoy 1*	42 46 54 N 86 10 12 W	**Fl G** 3s			Green.	Private aid.
19360	*- Lighted Buoy 2*		**Fl R** 3s			Red.	Private aid.
19365	*- Lighted Buoy 3*		**Fl G** 3s			Green.	Private aid.
19370	*- Lighted Buoy 4*		**Fl R** 3s			Red.	Private aid.
19371	*- Lighted Shoal Buoy*		**Fl W** 3s			White and Orange.	Private aid.
	Lake Macatawa						
19375	POINT SUPERIOR LIGHT 7		**Fl G** 4s	23 **7**	4	SG on column on cylindrical base. 18	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
19380	- Buoy 9	42 46 41 N 86 09 08 W				Green can.	
19385	*- Lighted Buoy 10*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 7 to Apr. 14.
19390	- Buoy 11	42 46 43 N 86 08 57 W				Green can.	
19393	- Buoy 12					Red nun.	
19395	- Buoy 13					Green can.	
19400	*- Lighted Buoy 14*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 7 to Apr. 14.
19405	- Buoy 15					Green can.	
19410	*- Lighted Buoy 16*		**Fl R** 4s		4	Red.	Replaced by nun from Nov. 7 to Apr. 14.
19415	- Buoy 17	42 47 26 N 86 07 18 W				Green can.	
19420	*- Lighted Buoy 19*	42 47 35 N 86 07 11 W	**Fl G** 4s		4	Green.	Replaced by can from Nov. 7 to Apr. 14.
19425	- Buoy 21					Green can.	
19430	- Buoy 23					Green can.	
19435	- Buoy 25					Green can.	
19440	- Buoy 26					Red nun.	

Section 15

Lake Michigan
Holland Harbor to Port Washington

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
	SOUTH HAVEN TO STONY LAKE (Chart 14906)						
	Saugatuck						
19445	- SOUTH PIERHEAD LIGHT	42 40 36 N 86 12 54 W	**Fl R** 4s	30 **9**	7	Cylindrical structure with red band.	HORN: 1 blast ev 15s (2s bl). Maintained from Apr. 15 to Nov. 15. Operates by keying microphone 5 times on VHF channel 79.
19450	- NORTH PIERHEAD LIGHT		**Fl G** 4s	30 **9**	5	Cylindrical structure with green band.	
	Kalamazoo River						
	Buoys maintained from May 14 to Nov. 7.						
19455	- Buoy 2					Red nun.	
19460	- Buoy 4					Red nun.	
19465	- Buoy 5					Green can.	
19470	- Buoy 6					Red nun.	
19475	- Buoy 8					Red nun.	
19480	- Buoy 9					Green can.	
19485	- Buoy 11					Green can.	
19490	- Buoy 12					Red nun.	
19495	- Buoy 14					Red nun.	
19500	Saugatuck Old Channel Obstruction Buoy S	42 40 00 N 86 13 06 W				Yellow can.	Maintained from May 28 to Sep. 7.
	South Haven						
19505	**- South Pierhead Light**	42 24 06 N 86 17 18 W	**F R**	37 **11**	12	Red conical tower. 35	Maintained from May 1 to Nov. 1. HORN: 2 blast ev 30s (2s bl-2s si-2s bl-24s si).
19510	- NORTH PIER LIGHT		**Fl G** 4s	28 **9**	6	SG on pole.	
	Palisades Nuclear Security Zone						
	Buoys maintained from Apr. 15 to Nov. 1.						
19511	- No Entry Buoy A	42 19 12 N 86 19 21 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
19511.1	- No Entry Buoy B	42 19 17 N 86 19 37 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
19511.2	- No Entry Buoy C	42 19 22 N 86 19 54 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
19511.3	- No Entry Buoy D	42 19 33 N 86 19 48 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
19511.4	- No Entry Buoy E	42 19 44 N 86 19 42 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
19511.5	- No Entry Buoy F	42 19 35 N 86 19 07 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
19511.6	- No Entrry Buoy G	42 19 35 N 86 19 07 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
	ST. JOSEPH AND BENTON HARBOR (Chart 14930)						
	St. Joseph						
19515	**- North Pierhead Light**	42 07 00 N 86 29 42 W	**Iso W** 6s	31 **9**	16	White cylindrical tower. 30	Maintained from Apr. 1 to Nov. 1. HORN: 1 blast ev 30s (3s bl).
19520	**- North Pier Inner Light**		**F W**	53 **16**	16	Octagonal tower. 53	
19525	- SOUTH PIERHEAD LIGHT		**Iso R** 6s	35 **11**	6	TR on post.	
19530	- River Buoy 3					Green can.	Maintained from Apr. 28 to Nov. 1.
19531	- River Buoy 4					Red nun.	Maintained from Apr. 28 to Nov. 1.
19531.1	- River Buoy 4A					Red nun.	Maintained from Apr. 28 to Nov. 1.
19532	- River Buoy 6					Red nun.	Maintained from Apr. 28 to Nov. 1.
19533	- River Buoy 8					Red nun.	Maintained from Apr. 28 to Nov. 1.
19533.1	- River Buoy 10					Red nun.	Maintained from Apr. 28 to Nov. 1
19533.2	- River Buoy 12					Red nun.	Maintained from Apr. 28 to Nov. 1
19533.3	- River Buoy 13					Green Can.	Maintained from Apr. 28 to Nov. 1
	Donald S. Cook Nuclear Security Zone						
	Buoys maintained from Apr. 1 to Nov. 15						
19534	- No Entry Buoy A	41 58 32 N 86 34 19 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
19534.1	- No Entry Buoy B	41 58 35 N 86 34 35 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
19534.2	- No Entry Buoy C	41 58 40 N 86 34 34 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
19534.3	- No Entry Buoy D	41 58 46 N 86 34 32 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
19534.4	- No Entry Buoy E	41 58 43 N 86 34 15 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid.
	WAUKEGAN TO SOUTH HAVEN (Chart 14905)						
	New Buffalo						
19535	- HARBOR LIGHT 1	41 48 06 N 86 45 00 W	**Fl G** 2.5s	25 **8**	6	SG on column.	
19540	- HARBOR LIGHT 2		**Fl R** 2.5s	25 **8**	6	TR on column.	
19541	- Shoal Buoy A	41 48 06 N 86 45 00 W				White can with orange bands and diamond.	Maintained from Mar. 15 to Nov. 15. Private aid.
19542	- Shoal Buoy B					White can with orange bands and diamond.	Maintained from Mar. 15 to Nov. 15. Private aid.
19543	- Shoal Buoy C					White can with orange bands and diamond.	Maintained from Mar. 15 to Nov. 15. Private aid.
	Michigan City						
19545	**- East Pierhead Light**	41 43 42 N 86 54 42 W	**Oc W** 4s	55 **17**	12	White octagonal tower with red roof attached to fog signal building. 49	Maintained from Apr. 1 to Nov. 1. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si).
19555	- BREAKWATER LIGHT		**Fl R** 4s	36 **11**	6	TR on pyramidal structure with red band. 32	
19560	- BREAKWATER SOUTH LIGHT		**Fl Y** 2.5s	33 **10**	4	NY on pyramidal structure.	
19565	- WEST PIERHEAD LIGHT		**Fl R** 6s	41 **12**	4	TR on tower.	
19570	- OUTER BASIN LIGHT		**Fl G** 4s	25 **8**	4	SG on pile.	
	Burns Harbor						
19575	BAILEYTOWN WATER INTAKE CRIB LIGHT	41 38 54 N 87 07 24 W	**Q W**			Skeleton tower.	Maintained from Apr. 1 to Dec. 1. Private aid.
19580	- EAST LIGHT		**Fl W** 2s	22 **7**		On pile.	Private aid.
19585	- NORTH LIGHT 2	41 38 56 N 87 08 45 W	**Fl R** 2.5s	36 **11**	6	TR on pile.	
19590	- SOUTH LIGHT 3		**Fl G** 4s	47 **14**	8	White cylindrical tower with green band.	
19595	BURNS WATERWAY JETTY NORTH LIGHT 1	41 38 03 N 87 10 42 W	**Fl G** 6s	27 **8**	7	White cylindrical tower with green band.	
19600	BURNS WATERWAY WEST PIER LIGHT 2		**Fl R** 2.5s	27 **8**	5	TR on post.	
	CHICAGO LAKE FRONT (Chart 14927)						
	Gary						
19605	- BULKHEAD LIGHT	41 37 24 N 87 17 18 W	**Fl R** 4s	20 **6**		On cylindrical tower.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
19610	- BREAKWATER LIGHT	41 37 48 N 87 19 12 W	**Fl (3) R** 40s 2s fl 8s ec. 2s fl 8s ec. 2s fl 18s ec.	40 **12**		On cylindrical tower.	Standby light. Private aid. HORN: 1 blast ev 30s (2s bl).
19615	- EAST PIERHEAD LIGHT	41 37 30 N 87 19 30 W	**F W**	30 **9**		On post.	Operates during navigation season only. Private aid.
19620	- WEST PIERHEAD LIGHT		**F R**	25 **8**		On post.	Operates during navigation season only. Private aid.
19625	*Indiana Shoal Lighted Gong Buoy 2* Marks northeast side of shoals.	41 43 24 N 87 20 54 W	**Fl R** 4s		4	Red.	Maintained from Mar. 28 to Dec. 14.
	Buffington Harbor						
19630	- BREAKWATER LIGHT	41 38 48 N 87 24 36 W	**Fl R** 4s	48 **15**		Conical tower.	RACON: M(– –). Private aid.
19636	- INNER BREAKWATER EAST LIGHT 2	41 38 36 N 87 24 54 W	**Fl R** 2.5s	24 **7**		On post.	Private aid.
19637	- INNER BREAKWATER WEST LIGHT 1	41 38 30 N 87 24 54 W	**Q G**	24 **7**		On post.	Private aid.
	CALUMET AND INDIANA HARBORS (Chart 14929)						
	City of East Chicago, Indiana						
19648	- CASINO HARBOR LIGHT 1	41 39 18 N 87 25 54 W	**Q G**	50 **15**		SG on cylindrical tower.	Maintained from Apr. 1 to Dec. 1. Private aid.
19649	- CASINO HARBOR LIGHT 2		**Oc R** 4s	50 **15**		TR on cylindrical tower.	Maintained from Apr. 1 to Dec. 1. Private aid.
19650	- PASTRICK MARINA LIGHT 3	41 39 12 N 87 26 06 W	**Fl G** 4s	16 **5**		SG on post.	Maintained from Apr. 1 to Dec. 15. Private aid. Visible 294° through 359°.
19655	- PASTRICK MARINA LIGHT 4	41 39 12 N 87 26 00 W	**Fl R** 4s	16 **5**		TR on post.	Maintained from Apr. 1 to Dec. 15. Private aid. Visible 294° through 359°.
	Indiana Harbor						
19660	- SOUTH BULKHEAD LIGHT	41 39 36 N 87 25 12 W	**Fl R** 2s	49 **15**		Pyramidal tower.	Private aid.
19665	- EAST BULKHEAD LIGHT		**Fl R** 2s	48 **15**		Pyramindal tower. 40	Private aid.
19670	- NORTH BULKHEAD LIGHT		**Fl R** 2s	48 **15**		Pryamidal tower.	Private aid.
19675	**- East Breakwater Light**	41 40 51 N 87 26 28 W	**Iso G** 6s	78 **24**	20	Square tower. 75	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). Operates from Apr. to Dec.
19685	- LIGHT 2	41 41 06 N 87 26 49 W	**Oc R** 4s	29 **9**	6	TR on pile.	
19690	- LIGHT 5		**F G**	48 **15**	7	White cylindrical tower with green band.	
19695	- LIGHT 6		**Fl R** 2.5s	48 **15**	6	White cylindrical tower with red band.	Higher intensity beam on bearing 165.5°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
19700	- LIGHT 7		**F G**	45 **14**	9	SG on white cylindrical tower. 20	Higher intensity beam towards lake.
19705	- LIGHT 8		**Fl R** 4s	13 **4**	5	TR on white cylindrical tower. 20	
	CALUMET AND INDIANA HARBORS (Chart 14929)						
19710	American Oil Company Intake Buoy A	41 40 48 N 87 28 18 W				White with orange bands and orange diamond.	Maintained from Apr. 15 to Nov. 15. Private aid.
19715	WHIHALA BEACH BREAKWATER LIGHT 1	41 41 06 N 87 29 18 W	**Fl G** 4s	25 **8**		On post.	Maintained from Apr. 15 to Nov. 15. Private aid.
19720	WHIHALA BEACH BREAKWATER LIGHT 2		**Fl R** 3s	25 **8**		On post.	Maintained from Apr. 15 to Nov. 15. Private aid.
	Calumet						
19740	HAMMOND INTAKE CRIB LIGHT	41 42 12 N 87 29 48 W	**Fl W** 6s	26 **8**		On tower.	Maintained from Apr. 1 to Nov. 1. Private aid.
	Hammond Marina						
	Aids maintained from Apr. 15 to Nov. 15.						
19745	- ENTRANCE LIGHT 1	41 41 48 N 87 30 18 W	**Fl G** 4s			SG on pile.	Private aid.
19750	- ENTRANCE LIGHT 2		**Fl R** 4s			TR on pile.	Private aid.
19755	*- Lighted Obstruction Buoy A*		**Fl W** 2.5s			White with orange bands and orange diamond.	Private aid.
19760	*- Lighted Obstruction Buoy B*		**Fl W** 2.5s			White with orange bands and orange diamond.	Private aid.
19765	*- Lighted Obstruction Buoy C*		**Fl W** 2.5s			White with orange bands and orange diamond.	Private aid.
19770	*- Lighted Obstruction Buoy D*		**Fl W** 2.5s			White with orange bands and orange diamond.	Private aid.
	Calumet						
19775	Nipso Obstruction Buoy A	41 42 00 N 87 30 24 W				White with orange bands worded SUBMERGED PILINGS.	Maintained from Apr. 1 to Nov. 1. Private aid.
19780	- PARK 101ST STREET PIER LIGHT		**F R**	28 **9**	7	TR on post.	
	CHICAGO LAKE FRONT (Chart 14927)						
19785	- Isolated Danger Buoy D	41 46 00 N 87 23 42 W				Black and red bands; can.	
19790	*- Northeast Shoal Lighted Buoy 2* Marks east side of shoal.	41 45 36 N 87 28 00 W	**Fl R** 4s		5	Red.	RACON: C (**– • – •**). Replaced by nun from Dec. 14 to Mar. 28.
	CALUMET AND INDIANA HARBORS (Chart 14929)						
19795	*- East Shoal Lighted Buoy 4*	41 44 00 N 87 28 12 W	**Fl R** 6s		5	Red.	Replaced by nun from Dec. 14 to Mar. 28.
19800	**- Harbor Breakwater South End Light**	41 43 34 N 87 29 36 W	**Al WR** 10s 0.2s W fl 4.8s ec. 0.2s R fl 4.8s ec.	50 **15**	W 15 R 12	White square skeleton tower with red band. Lower half open.	HORN: 1 blast ev 15s (2s bl). Operates continuously from Apr. to Dec.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
19810	*- Harbor Lighted Buoy 1*	41 43 06 N 87 29 42 W	**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Mar. 28.
19815	- Buoy 3					Green can.	
19820	- Buoy 5					Green can.	
19825	*- Harbor Lighted Buoy 7*	41 43 51 N 87 31 01 W	**Fl G** 4s		4	Green.	Replaced by can from Dec. 14 to Mar. 28.
19827	- HARBOR BREAKWATER OBSTRUCTION LIGHT	41 44 29 N 87 30 52 W	**Fl Y** 2.5ss	28 **9**	8	White cylindrical tower with yellow band.	
19830	- HARBOR LIGHT	41 44 13 N 87 30 29 W	**Fl R** 2.5s	51 **16**	7	White cylindrical tower with red band.	
19835	- HARBOR ENTRANCE SOUTH SIDE LIGHT		**Fl G** 4s	30 **9**	6	White cylindrical tower with green band. 27	
19840	- PIERHEAD LIGHT		**Iso R** 6s	31 **9**	5	TR on post. 20	
19845	CALUMET HARBOR DISPOSAL AREA LIGHT	41 43 53 N 87 31 30 W	**Fl G** 6s	26 **8**	3	SG on tower.	
19850	- RIVER ENTRANCE LIGHT	41 43 56 N 87 31 46 W	**Fl G** 2.5s	28 **9**	4	SG on post.	
	CHICAGO LAKE FRONT (Chart 14927)						
19855	Clarke Point Buoy 8					Red nun.	
19860	FILTRATION PLANT BREAKWATER SOUTH END LIGHT	41 45 24 N 87 32 18 W	**Fl W** 2.5s	39 **12**		NW on skeleton tower marked DANGER.	Maintained from May 1 to Nov. 1. Private aid.
19865	FILTRATION PLANT BREAKWATER NORTH END LIGHT	41 45 42 N 87 32 36 W	**Fl W** 2.5s	39 **12**		NW on skeleton tower marked DANGER.	Maintained from May 1 to Nov. 1. Private aid.
19870	SIXTY-EIGHTH STREET CRIB LIGHT		**Fl R** 3s	61 **19**		Silver-gray lantern on red skeleton tower on stone crib. 50	Private aid. BELL: 1 stroke ev 12s.
19875	JACKSON PARK OUTER HARBOR LIGHT 2	41 47 06 N 87 34 00 W	**Fl R** 2.5s	28 **9**		TR on pile at end of breakwater. 21	Maintained from Apr. 15 to Dec. 1. Private aid.
19880	JACKSON PARK OUTER HARBOR LIGHT 4	41 46 54 N 87 34 06 W	**Fl R** 4s	28 **9**		TR on pile. 21	Maintained from Apr. 15 to Dec. 1. Private aid.
19885	JACKSON PARK INNER HARBOR LIGHT 6	41 46 48 N 87 34 24 W	**F R**	35 **11**		TR on pile.	Maintained from Apr. 15 to Dec. 1. Private aid.
19890	JACKSON PARK INNER HARBOR LIGHT 5	41 46 42 N 87 34 24 W	**F G**	32 **10**		SG on pile.	Maintained from Apr. 15 to Dec. 1. Private aid.
19895	FIFTY-NINTH STREET YACHT HARBOR SOUTH PIER LIGHT		**F G**	35 **11**		On post.	Maintained from Apr. 15 to Dec. 15. Private aid.
19900	FIFTY-NINTH STREET YACHT HARBOR NORTH PIER LIGHT		**F R**	15 **5**		On post.	Maintained from Mar. 31 to Dec. 1. Private aid.
19905	South Park Shoal Buoy 6 Marks east side of shoal.					Red nun.	
19910	*Clemson Shoal Lighted Bell Buoy 4*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 14 to Mar. 28.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
19915	Hyde Park Shoal Outside Buoy 2					Red nun.	
19920	*Morgan Shoals Lighted Buoy 2*	41 48 39 N 87 34 28 W	**Fl R** 2.5s			Red.	Maintained from Apr. 1 to Nov. 1.
19925	**Four-Mile Crib Light**	41 52 24 N 87 32 42 W	**Fl W** 15s	66 **20**	10	Red skeleton tower on stone crib.	Private aid. HORN: 1 blast ev 20s (2s bl).
	CHICAGO HARBOR (Chart 14928)						
19930	THIRTY-FIRST STREET OUTER JETTY LIGHT	41 50 22 N 87 36 16 W	**Fl Y** 2.5s	29 **9**		NW on cylindrical tower.	Maintained from Apr. 15 to Dec. 1. Private aid.
19931	THIRTY-FIRST STREET JETTY DANGER LIGHTED BUOY A	41 50 23 N 87 36 18 W	**Fl W** 2s			White with orange bands and diamond worded DANGER BREAKWATER.	Maintained from Apr. 15 to Oct. 31. Private aid.
19932	THIRTY-FIRST STREET JETTY DANGER LIGHTED BUOY B	41 50 23 N 87 36 21 W	**Fl W** 2s			White with orange bands and diamond worded DANGER BREAKWATER.	Maintained from Apr. 15 to Oct. 31. Private aid.
19933	THIRTY-FIRST STREET JETTY DANGER LIGHTED BUOY C	41 50 24 N 87 36 23 W	**Fl W** 2s			White with orange bands and diamond worded DANGER BREAKWATER.	Maintained from Apr. 15 to Oct. 31. Private aid.
19934	THIRTY-FIRST STREET INNER JETTY LIGHT	41 50 24 N 87 36 26 W	**Fl Y** 2.5s	26 **8**		NW on cylindrical tower.	Maintained from Apr. 15 to Dec. 1. Private aid.
	Northerly Island Danger Zone						
	Buoys maintained from May 1 to Oct. 31.						
19935	- East Buoy ZA	41 51 06 N 87 36 24 W				White with orange bands; spar.	Private aid.
19940	- West Buoy ZA					White with orange bands; spar.	Private aid.
19945	- East Buoy ZB					White with orange bands; spar.	Private aid.
19950	- West Buoy ZB					White with orange bands; spar.	Private aid.
19955	BURNHAM PARK HARBOR LIGHT	41 51 06 N 87 36 36 W	**Fl G** 3s **(R sector)**	60 **18**		On skeleton tower. 44	Red from 135° to 255°. Maintained from Apr. 15 to Dec. 1. Private aid.
19956	***NORTHERLY ISLAND DANGER LIGHTED BUOY A***	41 51 52 N 87 36 21 W	**Fl W** 2.5s			White and orange bands and diamond worded DANGER SUBMERGED BULKHEAD.	Maintained from Apr. 15 to Oct 31. Private aid.
19956.1	***NORTHERLY ISLAND DANGER LIGHTED BUOY B***	41 51 49 N 87 36 21 W	**Fl W** 2s			White and orange bands and diamond worded DANGER SUBMERGED BULKHEAD.	Maintained from Apr. 15 to Oct 31. Private aid.
19956.2	***NORTHERLY ISLAND DANGER LIGHTED BUOY C***	41 51 45 N 87 36 21 W	**Fl W** 2s			White with orange bands and dianmond worded DANGER SUBMERGED BULKHEAD.	Maintained from Apr. 15 to Oct 31. Private aid.
	Chicago Harbor						
19960	**- Light**	41 53 22 N 87 35 26 W	**Fl R** 5s	82 **25**	24	White conical tower.	Floodlighted. HORN: 2 blasts ev 30s (1s bl). Operates from Apr. to Dec.
19980	- OUTER BREAKWATER SOUTH END LIGHT		**Iso R** 6s	27 **8**	6	White cylindrical tower with red band.	
19985	- ENTRANCE SOUTH SIDE LIGHT	41 53 14 N 87 35 26 W	**Fl G** 4s	27 **8**	6	White cylindrical tower with green band. 21	
19990	- SOUTH BREAKWATER NORTHEND LIGHT 1	41 52 29 N 87 36 36 W	**Fl G** 2.5s	35 **11**	4	SG on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
19995	- BREAKWATER SOUTH LIGHT		**Fl R** 4s	23 **7**	4	White cylindrical tower with red band. 20	
20000	- SOUTHEAST GUIDE WALL LIGHT		**Iso W** 6s	48 **15**	9	White square tower with green band.	Visible from 157° to 023°.
20005	- MUNICIPAL PIER NO. 1 LIGHT		**Fl Y** 2.5s	30 **9**		NY on skeleton tower.	Maintained from Apr. 1 to Dec. 1. Private aid.
20010	- NAVY PIER SOUTH LIGHT		**Iso W** 4s	30 **9**		On skeleton tower.	Maintained from Apr. 1 to Dec. 1. Private aid.
20012	- NAVY PIER NORTH LIGHT		**Iso W** 4s	30 **9**		On skeleton tower.	Maintained from Apr. 1 to Dec. 1. Private aid.
20015	- FILTRATION PLANT LIGHT B		**Fl W** 4s	15 **5**		On dolphin.	Maintained from Mar. 15 to Dec. 15. Private aid.
20020	- FILTRATION PLANT LIGHT A		**Fl W** 4s	10 **3**			Maintained from Mar. 15 to Dec. 15. Private aid.
20025	OAK STREET BREAKWATER LIGHT	41 54 12 N 87 36 24 W	**Fl G** 4s	30 **9**	5	SG on post.	
20030	- OAK STREET BREAKWATER NORTHEAST END LIGHT 2	41 54 11 N 87 36 34 W	**Fl R** 2.5s	26 **8**	5	TR on post.	
20035	- OAK STREET BREAKWATER SOUTHWEST END LIGHT 3	41 54 05 N 87 37 02 W	**Fl G** 2.5s	26 **8**	5	SG on post.	
20040	WILLIAM E. DEVER CRIB LIGHT	41 55 00 N 87 34 18 W	**Q W**	72 **22**		On skeleton tower.	Private aid. HORN: 1 blast ev 20s (2s bl).
	Illinois Waterway						
20050	- Chicago Sanitary and Ship Canal Buoy					Green can.	Maintained from Apr. 1 to Nov. 1.
	Chicago North Side						
20055	NORTH AVENUE JETTY LIGHT	41 54 54 N 87 37 12 W	**Q R**	38 **12**		On skeleton tower.	Maintained from Apr. 15 to Dec. 1. Private aid.
20080	DIVERSEY HARBOR ENTRANCE NORTH BREAKWATER LIGHT	41 55 54 N 87 37 48 W	**Fl R** 3s	38 **12**		On post.	Maintained from Apr. 15 to Dec. 1. Private aid.
20085	DIVERSEY HARBOR ENTRANCE SOUTH BREAKWATER LIGHT	41 55 54 N 87 37 54 W	**Fl G** 3s	38 **12**		On post.	Maintained from Apr. 15 to Dec. 1. Private aid.
20090	BELMONT HARBOR LIGHT	41 56 30 N 87 38 00 W	**Fl R** 3s	30 **9**		On tubular steel tower.	Maintained from Apr. 1 to Dec. 1. Private aid.
20095	BELMONT HARBOR INNER LIGHT	41 56 36 N 87 38 06 W	**Fl R** 3s	80 **24**		On skeleton tower.	Maintained from Apr. 1 to Dec. 1. Private aid.
20100	Belmont Rock Shoal Buoy Marks 9-foot shoal.					Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
	CHICAGO LAKE FRONT (Chart 14927)						
20105	MONTROSE BREAKWATER LIGHT	41 57 50 N 87 37 54 W	**Fl R** 3s	40 **12**		On skeleton tower.	Maintained from Apr. 15 to Dec. 1. Private aid.
20110	MONTROSE HARBOR EAST BREAKWATER LIGHT	41 57 36 N 87 38 24 W	**Fl R** 3s	40 **12**		On skeleton tower. 33	Maintained from Apr. 15 to Dec. 1. Private aid.
20115	MONTROSE HARBOR WEST BREAKWATER LIGHT		**Fl G** 3s	41 **12**		On skeleton tower. 33	Maintained from Apr. 15 to Dec. 1. Private aid.
20120	WILSON AVENUE BOAT RAMP SOUTH LIGHT	41 58 06 N 87 38 30 W	**F G**	12 **4**		On pile on breakwater.	Maintained from Apr. 15 to Dec. 1. Private aid.
20125	WILSON AVENUE BOAT RAMP NORTH LIGHT		**F R**	12 **4**		On pile on breakwater.	Maintained from Apr. 15 to Dec. 1. Private aid.
20130	WILSON AVENUE BREAKWATER LIGHT		**Fl G** 3s	36 **11**		On skeleton tower.	Maintained from Apr. 15 to Dec. 1. Private aid.
20135	WILSON AVENUE INTAKE CRIB LIGHT	41 58 00 N 87 35 30 W	**Q W**	68 **21**		On cylindrical tower. 47	Private aid. HORN: 1 blast ev 20s (2s bl).
20140	FOSTER AVENUE PIERHEAD LIGHT	41 58 48 N 87 38 48 W	**Fl W** 3s	41 **12**		On skeleton tower.	Maintained from Apr. 15 to Dec. 1. Private aid.
20145	HOLLYWOOD AVENUE BREAKWATER LIGHT	41 59 12 N 87 39 00 W	**Fl R** 3s	41 **12**		On skeleton tower.	Maintained from Apr. 15 to Dec. 1. Private aid.
20165	FARWELL AVENUE BREAKWATER LIGHT	42 00 24 N 87 39 24 W	**Fl R** 3s	44 **13**		On skeleton tower.	Maintained from Apr. 15 to Dec. 1. Private aid.
20170	South Boulevard Branch Warning Daybeacons	42 01 36 N 87 40 00 W				NW on pile worded DANGER GROIN.	Maintained from Apr. 1 to Nov. 1. Private aids.
	Evanston						
	Buoys maintained from May 1 to Oct. 31.						
20185	- BREAKWATER LIGHT	42 02 42 N 87 40 18 W	**Fl R** 4s	22 **7**		On post.	Maintained from May 1 to Oct. 15. Private aid.
20190	**Grossepoint Light**	42 04 00 N 87 41 00 W	**Fl (2) W** 15s	119 **36**		White, conical tower, red roofs.	Private aid.
20195	- Boat Ramp Buoy 1					Green can.	Private aid.
20200	- Boat Ramp Buoy 3					Green can.	Private aid.
20205	- Boat Ramp Buoy 5					Green can.	Private aid.
20210	- Boat Ramp Buoy 2					Red nun.	Private aid.
20215	- Boat Ramp Buoy 4					Red nun.	Private aid.
20220	- Boat Ramp Buoy 6					Red nun.	Private aid.
20221	- Boat Ramp Buoy 7					Green can.	Private aid.
20222	- Boat Ramp Buoy 8					Red nun.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
	WAUKEGAN TO SOUTH HAVEN (Chart 14905)						
	Wilmette Harbor						
20225	- Entrance Buoy 1	42 04 36 N 87 40 42 W				Green can.	Maintained from May 1 to Nov. 15. Private aid.
20230	- Entrance Buoy 2					Red nun.	Maintained from May 1 to Nov. 15. Private aid.
20235	- ENTRANCE SOUTH LIGHT	42 04 36 N 87 40 48 W	**Fl G** 4s	15 **5**		On pile.	Maintained from Apr. 15 to Nov. 15. Private aid.
20240	- ENTRANCE NORTH LIGHT	42 04 36 N 87 40 48 W	**Fl R** 4s	20 **6**		On pile.	Maintained from Apr. 15 to Nov. 15. Private aid.
20245	- PIERHEAD LIGHT	42 04 42 N 87 40 48 W	**Fl W** 4s	40 **12**		On pile.	Maintained from Apr. 15 to Nov. 15. Private aid.
	WAUKEGAN TO SOUTH HAVEN (Chart 14905)						
20250	*Wilmette Wreck Lighted Bell Buoy WR 2*	42 05 42 N 87 39 00 W	**Q R**		4	Red.	Replaced by nun from Dec. 14 to Mar. 28.
20255	*Grossepoint Outer Lighted Bell Buoy 4* Marks shoal.	42 08 18 N 87 35 24 W	**Fl R** 6s		5	Red.	Replaced by nun from Dec. 14 to Mar. 28.
20260	HIGHLAND PARK BREAKWATER LIGHT	42 11 24 N 87 47 12 W	**Q R**	21 **6**		On yellow post.	Maintained from May 1 to Oct. 31. Private aid.
20275	LAKE FOREST BREAKWATER LIGHT	42 14 00 N 87 48 42 W	**Fl R** 4s	25 **8**		TR on post.	Maintained from Mar. 1 to Dec. 15. Private aid.
20280	LAKE FOREST JETTY LIGHT	42 14 00 N 87 48 42 W	**Fl G** 4s	21 **6**		SG on post.	Maintained from Mar. 1 to Dec. 15. Private aid.
	Great Lakes						
20285	- LIGHT 2		**Fl R** 4s	34 **10**	5	White cylindrical tower with red band.	
20290	- LIGHT 1		**Fl G** 4s	34 **10**	6	White cylindrical tower with green band.	
20295	- LIGHT 4		**Fl R** 2.5s	15 **5**	4	TR on tower.	
20300	- LIGHT 3		**Fl G** 2.5s	15 **5**	5	SG on tower.	
	PORT WASHINGTON TO WAUKEGAN (Chart 14904)						
	Waukegan						
20305	- SOUTH HARBOR MARINA LIGHT 2	42 21 21 N 87 49 14 W	**Q R**	26 **8**		On pile.	Maintained from Apr. 1 to Nov. 1. Private aid.
20310	- SOUTH HARBOR MARINA LIGHT 1	42 21 24 N 87 49 18 W	**Q G**	26 **8**		On pile.	Maintained from Apr. 1 to Nov. 1. Private aid.
20315	**- Harbor Light**	42 21 38 N 87 48 48 W	**Oc G** 4s	36 **11**	14	On cylindrical tower with green band. 35	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates from Apr. to Dec.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
20325	- Shoals Buoy 1	42 21 24 N 87 47 42 W				Green can.	
20330	- *Shoals Lighted Buoy 3* Marks northeast side of shoal.	42 21 42 N 87 47 54 W	**Fl G** 2.5s		5	Green.	Can; winter marker. Maintained from Mar. 21 to Dec. 1.
20335	- BREAKWATER LIGHT		**Fl (2) W** 5s 0.4s fl 0.6s ec. 0.4s fl 3.6s ec.	32 **10**	6	White cylindrical tower with black band.	
20340	- NORTH PIERHEAD LIGHT		**Fl R** 4s	24 **7**	8	TR on post.	
	PORT WASHINGTON TO WAUKEGAN (Chart 14904)						
20345	COMMONWEALTH EDISON BREAKWATER LIGHT		**Fl R** 6s	35 **11**		On skeleton tower.	Private aid.
20350	JOHNS-MANVILLE INTAKE CRIB LIGHT		**Q W**	38 **12**		On skeleton tower.	Private aid.
	Zion Intake						
	Lights maintained from Apr. 1 to Oct. 31.						
20355	- *Lighted Buoy A*	42 26 37 N 87 47 25 W	**Q W**			White can with orange bands and diamond.	Private aid.
20360	- WEST LIGHT	42 26 39 N 87 47 31 W	**Fl W** 2.5s	5 **2**		NW on post.	Private aid.
20380	Zion Discharge Buoy B					White can with orange bands and diamond.	Maintained from Apr. 1 to Oct. 31. Private aid.
20385	Zion Discharge Buoy C					White can with orange bands and diamond.	Maintained from Apr. 1 to Oct. 31. Private aid.
	Newport Marina						
20386	- *Reef Obstruction Lighted Buoy A*	42 28 49 N 87 47 53 W	**Q W**			White can with orange bands and diamond worded REEF.	Private aid.
	Zion Intake						
20387	- *Reef Obstruction Lighted Buoy B*		**Q W**			White can with orange bands and diamond worded REEF.	Private aid.
20388	- *Reef Obstruction Lighted Buoy C*		**Q W**			White can with orange bands and diamond worded REEF.	Private aid.
20389	- *Reef Obstruction Lighted Buoy D*		**Q W**			White can with orange bands and diamond worded REEF.	Private aid.
	Northpoint Marina						
	Aids to navigation maintained from Apr. 1 to Nov. 1.						
20390	- ENTRANCE LIGHT 1	42 29 18 N 87 47 54 W	**Fl G** 4s	20 **6**		SG on post.	Private aid.
20395	- ENTRANCE LIGHT 2		**Fl R** 4s	20 **6**		TR on post.	Private aid.
20400	- NORTH OBSTRUCTION LIGHT		**Q W**	20 **6**		NW on post.	Private aid.
20405	- CENTER OBSTRUCTION LIGHT		**Q W**	20 **6**		NW on post.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
20410	- SOUTH OBSTRUCTION LIGHT		**Q W**	20 **6**		NW on post.	Private aid.
	Prairie Harbor						
20412	- ENTRANCE NORTH PIER LIGHT 2	42 29 35 N 87 48 04 W	**Fl R** 2.5s	21 **6**		TR on pole.	Private aid.
20413	- ENTRANCE SOUTH PIER LIGHT 1	42 29 34 N 87 48 07 W	**Fl G** 2.5s	21 **6**		SG on pole.	Private aid.
	Kenosha						
20415	**- Light**	42 35 20 N 87 48 31 W	**Iso R** 6s	50 **15**	12	Red conical tower. 50	HORN: 1 blast ev 30s (3s bl). Operates from Apr. to Dec.
20430	- BREAKWATER LIGHT		**Fl R** 4s	20 **6**	8	White cylindrical tower with red band. 15	Higher intensity beam lakeward.
20435	- SOUTH PIER LIGHT		**Fl G** 4s	34 **10**	5	Green band on cylindrical tower.	Higher intensity beam lakeward.
20445	SOUTHPORT MARINA ENTRANCE LIGHT 2	42 34 54 N 87 48 36 W	**Fl R** 4s	36 **11**		TR on pile.	Private aid.
20450	SOUTHPORT MARINA ENTRANCE LIGHT 1		**Fl G** 4s	31 **9**		SG on pile.	Private aid.
20455	SOUTHPORT MARINA INNER BREAKWATER LIGHT		**Q W**	34 **10**		NW on post worded DANGER ROCKS.	Private aid.
	RACINE HARBOR (Chart 14925)						
	Racine						
20470	- LAUNCH BASIN ENTRANCE LIGHT	42 43 42 N 87 46 36 W	**Fl R** 2.5s	27 **8**		TR on post.	Maintained from Mar. 1 to Dec. 15. Private aid.
20475	- LAUNCH BASIN INNER LIGHT		**Fl G** 2.5s	23 **7**		SG on post.	Maintained from Mar. 1 to Dec. 15. Private aid.
20480	**- Reef Light** Marks east side of reef.	42 43 39 N 87 44 10 W	**Fl W** 6s	50 **15**	11	On skeleton tower. 50	HORN: 1 blast ev 15s (2s bl). Operates continuously from Apr. to Nov.
20485	*- Reef West End Lighted Buoy 1*	42 43 30 N 87 46 00 W	**Fl G** 4s		4	Green.	Replaced by can from Dec. 7 to Mar. 21.
20490	- EAST HARBOR ENTRANCE LIGHT 2	42 44 00 N 87 46 12 W	**F R**	50 **15**		On post with 10 ft. lightpipe.	Maintained from Apr. 1 to Nov. 1. Private aid. HORN: 2 blasts ev 18s (2s bl-2s si-2s bl-12s si).
20495	- WEST HARBOR ENTRANCE LIGHT 3		**Q G**	52 **16**		SG on skeleton tower.	Maintained from Apr. 15 to Oct. 31. Private aid.
20500	- HARBOR LIGHT 5		**Q G**	33 **10**		SG on pile.	Maintained from Mar. 1 to Dec. 15. Private aid.
20505	*- Harbor Channel Lighted Buoy 4*		**Q R**			Red.	Maintained from Apr. 15 to Oct. 31. Private aid.
20510	*- Harbor Channel Lighted Buoy 6*		**Q R**			Red.	Maintained from Apr. 15 to Oct. 31. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
20515	- HARBOR LIGHT 9		**Q G**	18 **5**		SG on post.	Maintained from Apr. 15 to Oct. 31. Private aid.
20520	*- Harbor Channel Lighted Buoy 8*		**Q R**			Red.	Maintained from Apr. 15 to Oct. 31. Private aid.
20525	*- Harbor Channel Lighted Buoy 10*		**Q R**			Red.	Maintained from Apr. 15 to Oct. 31. Private aid.
20530	*- Harbor Channel Lighted Buoy 12*		**Q R**			Red.	Maintained from Apr. 15 to Oct. 31. Private aid.
20535	*- Harbor Preferred Channel Lighted Buoy*		**Fl (2+1) R** 2.5s			Red and green bands.	Maintained from Apr. 15 to Oct. 31. Private aid.
20540	- HARBOR LIGHT 14		**Fl R** 2.5s	33 **10**		TR on pile.	Maintained from Mar. 1 to Dec. 15. Private aid.
20545	- HARBOR LIGHT 13		**Q G**	18 **5**		SG on post.	Maintained from Apr. 15 to Oct 31. Private aid.
20550	- HARBOR JUNCTION LIGHT		**Fl (2+1) G** 6s	30 **9**		JG on pile.	Maintained from Mar. 1 to Dec. 15. Private aid.
20555	*- Yacht Club Channel Lighted Buoy 2*		**Q R**			Red.	Maintained from Apr. 15 to Oct. 31. Private aid.
20560	*- Yacht Club Channel Lighted Buoy 3*		**Q G**			Green.	Maintained from Apr. 15 to Oct. 31. Private aid.
20565	*- Yacht Club Channel Lighted Buoy 4*		**Q R**			Red.	Maintained from Apr. 15 to Oct. 31. Private aid.
20570	*- Yacht Club Channel Lighted Buoy 5*		**Q G**			Green.	Maintained from Apr. 15 to Oct. 31. Private aid.
20575	*- Yacht Club Channel Lighted Buoy 6*		**Q R**			Red.	Maintained from Apr. 15 to Oct. 31. Private aid.
20580	*- Yacht Club Channel Lighted Buoy 8*		**Q R**			Red.	Maintained from Apr. 15 to Oct. 31. Private aid.
20585	- YACHT CLUB SOUTH BREAKWATER LIGHT	42 44 06 N 87 46 36 W	**F R**	15 **5**		On post.	Maintained from Apr. 1 to Nov. 1. Private aid.
20590	- YACHT CLUB NORTH BREAKWATER LIGHT		**F G**	15 **5**		On post.	Maintained from Apr. 1 to Nov. 1. Private aid.
	LAKE MICHIGAN (Chart 14901)						
20595	*NOAA Lighted Weather Buoy 45007*	42 40 30 N 87 01 30 W	**Fl (4) Y** 20s 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 11.5s ec.			Yellow disc-shaped hull.	Replaced by nun from Nov. 1 to Apr. 1.
	PORT WASHINGTON TO WAUKEGAN (Chart 14904)						
20600	Wind Point South Shoal Buoy 16 Marks east side of shoal.					Red nun.	Replaced by smaller nun from Dec. 7 to Mar. 21.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
20605	**Wind Point Light** Marks shoal.	42 46 52 N 87 45 30 W	**Fl W** 20s	111 **34**	28	White conical tower connected to dwelling. 108	
20610	*Wind Point North Shoal Lighted Buoy 14* Marks southeast side of shoals.	42 47 36 N 87 43 36 W	**Fl R** 4s		4	Red.	Replaced by nun from Dec. 7 to Mar. 21.
20613	OAK CREEK BREAKWATER LIGHT 3	42 50 46 N 87 49 30 W	**Fl G** 4s	30 **9**		SG on pile on breakwater.	Maintained from Feb. 1 to Dec. 1. Private aid.
20614	OAK CREEK BREAKWATER LIGHT 2	42 50 48 N 87 49 26 W	**Fl R** 4s	30 **9**		TR on pile on breakwater.	Maintained from Feb. 1 to Dec. 1. Private aid.
20615	Oak Creek Park Daybeacon 1	42 51 55 N 87 50 14 W		20 **6**		SG on pile on breakwater.	Private aid.
20616	OAK CREEK PARK LIGHT 2	42 51 59 N 87 50 15 W	**FL R** 4s	27 **8**		TR on pile on breakwater.	Private aid.
20626.5	SOUTH MILWAUKEE Y.C. HARBOR ENTRANCE LIGHT 1	42 54 17 N 87 50 34 W	**Q G**	12 **4**		SG on pole on top of tanks.	Maintained from May 1 to Nov. 1. Private aid.
20627	SOUTH MILWAUKEE Y.C. HARBOR ENTRANCE LIGHT 2	42 54 16 N 87 50 32 W	**Q R**	12 **4**		TR on pole on sunken barge.	Maintained from May 1 to Nov. 1. Private aid.
20630	*Milwaukee South Point Lighted Bell Buoy 1* Marks east side of shoal.	42 59 21 N 87 49 50 W	**Fl G** 4s		8	Green.	Replaced by can from Dec. 7 to Mar. 21.
	MILWAUKEE HARBOR (Chart 14924)						
	Milwaukee						
20635	**- Breakwater Light**	43 01 37 N 87 52 55 W	**Fl R** 10s	61 **19**	14	Black lantern on white square structure. 53	Structure is floodlighted from sunset to sunrise. Submarine cable runs to Milwaukee Pierhead Light. Illuminated sign on channelward side of light structure worded CABLE CROSSING NO ANCHORING. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). Operates from Apr. 1 to Nov. 1.
20645	- BREAKWATER ENTRANCE SOUTH SIDE LIGHT		**Fl G** 2.5s	48 **15**	6	White cylindrical tower with green band.	
20650	- SOUTH ENTRANCE LIGHT 1	43 00 27 N 87 52 37 W	**Fl G** 4s	27 **8**	4	SG on post.	
20655	- SOUTH ENTRANCE LIGHT 2	43 00 30 N 87 52 35 W	**Fl R** 4s	35 **11**	4	White cylindrical tower with red band.	
20660	- NORTH ENTRANCE LIGHT 1	43 02 37 N 87 52 49 W	**Fl G** 4s	34 **10**	7	White cylindrical tower with green band.	
20665	- NORTH ENTRANCE LIGHT 2	43 02 41 N 87 52 48 W	**Fl R** 4s	32 **10**	4	TR on post. 20	
20670	**- Pierhead Light**		**Fl R** 4s	45 **14**	12	TR on cylindrical tower. 41	
20675	- SOUTH PIERHEAD LIGHT		**Fl W** 4s	20 **6**	33 10	On gray pole with concrete base. 21	Private aid.
20685	- CITY PIER SOUTH SLIP LIGHT 2	43 01 24 N 87 53 42 W	**F R**	12 **4**		On yellow post.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
20690	- CITY PIER SOUTH SLIP LIGHT 1		**F G**	12 **4**		On yellow post.	Private aid.
20695	- CITY SOUTH PIER NO. 2 NORTH LIGHT		**Fl G** 4s	20 **6**		On yellow post.	Maintained from Apr. 30 to Nov. 30. Private aid.
20700	- CITY SOUTH PIER NO. 2 SOUTH LIGHT		**Q R**	20 **6**		On yellow post.	Maintained from Apr. 30 to Nov. 30. Private aid.
20705	- Tanker Pier Buoy 1					Black spar.	Private aid.
20710	- Tanker Pier Buoy 2					Red spar.	Private aid.
20715	- TANKER PIER LIGHT	43 00 54 N 87 53 24 W	**Fl W** 4s	14 **4**		On green post.	Private aid.
20720	- SOUTH DISPOSAL AREA LIGHT 2	43 00 17 N 87 53 04 W	**Fl R** 2.5s	31 **9**	4	TR on pile.	
20725	SOUTH SHORE PARK BREAKWATER LIGHT		**Q G**	16 **5**		On post standard.	Private aid.
20729	*South Shore Park Entrance Lighted Buoy 1*	42 59 38 N 87 52 28 W	**Fl G** 4s			Green.	Maintained from May 1 to Oct. 15. Private aid.
20730	*South Shore Park Entrance Lighted Buoy 2*		**Fl R** 2.5s			Red.	Maintained from May 1 to Oct. 15. Private aid.
20735	Texas Rock Buoy 2					Red nun.	Maintained from Apr. 14 to Nov. 14.
20751	- War Memorial South Daybeacon	43 02 19 N 87 53 45 W		15 **5**		NW on pile worded DANGER BREAKWATER.	Private aid.
20752	- War Memorial North Daybeacon			15 **5**		NW on pile worded DANGER BREAKWATER.	Private aid.
	MicKinley Marina						
	Aids to navigation maintained from Apr. 1 to Oct. 31.						
20755	- LIGHT 1	43 02 46 N 87 52 55 W	**Q G**	20 **6**		SG on post.	Private aid.
20756	- PREFERRED CHANNEL LIGHT A/B	43 02 48 N 87 52 51 W	**Fl (2+1) R** 6s	21 **6**		JR on post.	Private aid.
20757	- LIGHT 2	43 02 42 N 87 52 53 W	**Fl R** 2.5s	21 **6**		TR on post.	Private aid.
20758	- Daybeacon 3			19 **6**		SG on post.	Private aid.
20759	- Daybeacon 4			19 **6**		TR on post.	Private aid.
20760	- Daybeacon 5			19 **6**		SG on post.	Private aid.
20761	- Daybeacon 6			19 **6**		TR on post.	Private aid.
	Milwaukee						
20762	*Water Institute Lighted Research Buoy*	43 12 33 N 87 39 22 W	**Q Y**			Yellow.	Private aid.

Section 16

Lake Michigan
Port Washington to Green Bay

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
	PORT WASHINGTON TO WAUKEGAN (Chart 14904)						
20765	KEVICH LIGHT	43 19 24 N 87 53 18 W	**Iso W** 8s	163 **50**		White cylindrical tower.	Private aid.
	Port Washington						
20770	- BREAKWATER LIGHT	43 23 10 N 87 51 35 W	**Fl R** 6s	78 **24**	7	On square tower.	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates from Apr. to Nov.
20775	- SOUTH PROJECTION JETTY LIGHT		**F W**	40 **12**	7	On black tower.	Private aid.
20780	- HARBOR BREAKWATER LIGHT 1		**Fl G** 4s	34 **10**	6	White cylindrical tower with green band.	
20785	- SOUTH PIER LIGHT		**F G**	34 **10**		On post.	Private aid.
20790	- HARBOR LIGHT 4	43 23 15 N 87 51 49 W	**Fl R** 2.5s	27 **8**	4	TR on post.	
20795	- MUNICIPAL MARINA LIGHT 1	43 23 18 N 87 51 48 W	**Fl G** 2.5s	27 **8**	4	SG on post.	
	ALGOMA TO SHEBOYGAN (Chart 14903)						
	Sheboygan						
20805	- GENERATING STATION SOUTH INTAKE CRIB LIGHT 6	43 42 56 N 87 41 58 W	**Fl R** 3s	46 **14**		TR on skeleton tower on cylindrical well.	Private aid.
20810	- GENERATING STATION MIDDLE INTAKE CRIB LIGHT 4 LIGHT 4		**Fl R** 10s	50 **15**		TR on rectangular tower.	Private aid.
20815	*- Generating Station North Intake Lighted Buoy 2*	43 43 02 N 87 42 01 W	**Fl R** 4s			Red.	Maintained from May 1 to Oct. 15. Private aid.
	MANITOWOC AND SHEBOYGAN (Chart 14922)						
	Sheboygan						
20820	- BREAKWATER LIGHT	43 44 58 N 87 41 34 W	**Fl W** 4s	55 **17**	9	On cylindrical tower. 50	HORN: 1 blast ev 30s (3s bl). Operates from Apr. to Nov.
20830	- SOUTH PIERHEAD LIGHT		**Fl G** 4s	22 **7**	6	SG on post. 22	
20832	- MARINA LIGHT 2	43 45 00 N 87 42 06 W	**Fl R** 4s	20 **6**		TR on pole.	Maintained from May 1 to Nov. 15. Private aid.
20833	- Marina Daybeacon 1					SG on pole.	Private aid.
20835	- NORTH PIERHEAD LIGHT		**F R**	29 **9**	4	TR on post. 26	
20840	- Reef Buoy 2 Marks east side of reef.	43 45 27 N 87 41 10 W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
	Manitowoc						
20842	- INTAKE EAST LIGHT	44 04 42 N 87 38 54 W	**Q W**	10 **3**		On post.	Maintained from Apr. 15 to Dec. 1. Private aid.
20843	- INTAKE WEST LIGHT	44 04 48 N 87 39 00 W	**Q W**	10 **3**		On post.	Maintained from Apr.15 to Dec. 1. Private aid.
20845	- Shoal Buoy 1 Marks northeast side of shoal.					Green can.	
20850	- Shoal Buoy 2					Red nun.	
20855	- SOUTH BREAKWATER LIGHT 3		**Fl G** 2.5s	37 **11**	8	Skeleton tower with green band.	Higher intensity beam lakeward.
20860	- BREAKWATER LIGHT	44 05 34 N 87 38 37 W	**Iso W** 6s	52 **16**	15	On cylindrical tower on fog signal building.	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates from Apr. 1 to Dec. 1.
20863	- No Wake Buoy	44 05 36 N 87 38 48 W				White can with orange bands.	Maintained from Apr. 15 to Oct. 1. Private aid.
20865	- Buoy 6	44 05 36 N 87 38 54 W				Red nun.	
	Manitowoc Harbor of Refuge						
20870	- Junction Buoy MH	44 05 36 N 87 39 00 W				Red and green bands; nun.	
20875	- PIERHEAD LIGHT 8	44 05 30 N 87 39 06 W	**Fl R** 4s	33 **10**	4	TR on skeleton tower.	
20880	- Buoy 1	44 05 36 N 87 38 54 W				Green can.	Maintained from Apr. 14 to Nov. 14.
20885	- Buoy 2					Red nun.	Maintained from Apr. 14 to Nov. 14.
20890	- Buoy 3					Green can.	Maintained from Apr. 14 to Nov. 14.
20895	- LIGHT 4	44 05 40 N 87 38 56 W	**Fl R** 2.5s	15 **5**	4	TR on post.	
20900	- ICE BOOM WEST LIGHT	44 05 36 N 87 38 54 W	**Q W**	4 **1**		On post.	Maintained on station only during deployment of ice boom. Private aid.
20905	- ICE BOOM EAST LIGHT	44 05 42 N 87 38 54 W	**Q W**	4 **1**		On post.	Maintained on station only during deployment of ice boom. Private aid.
20910	- LIGHT 5	44 05 42 N 87 38 56 W	**Fl G** 2.5s	15 **5**	4	SG on post.	
20915	- Daybeacon 6					TR on post.	
	ALGOMA TO SHEBOYGAN (Chart 14903)						
	Two Rivers						
20925	- NORTH PIERHEAD LIGHT	44 08 36 N 87 33 36 W	**F R**	34 **10**	9	White cylindrical tower with red band.	HORN: 1 blast ev 15s (2s bl). Operated from Apr. 1 to Dec. 1.
20930	- SOUTH PIERHEAD LIGHT		**Fl G** 4s	30 **9**	3	SG on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
	ALGOMA TO SHEBOYGAN (Chart 14903)						
20935	**Rawley Point Light**	44 12 42 N 87 30 30 W	**Fl W** 15s	113 **34**	28	On cylindrical tower. 111	
	Kewaunee						
20950	**- Shoal Light**	44 27 03 N 87 27 55 W	**Fl G** 4s	43 **13**	8	White cylindrical tower with green band.	HORN: 1 blast ev 15s (2s bl). Operates from Apr. 1 to Dec. 1.
20955	**- Pierhead Light**	44 27 30 N 87 29 48 W	**F W**	45 **14**	15	Square tower on fog signal building.	HORN: 1 blast ev 30s (3s bl). Operated from Apr. 1 to Nov. 1
20965	- BREAKWATER LIGHT		**Fl R** 4s	39 **12**	5	Cylindrical tower with red band. 37	
20970	- NORTH PIERHEAD LIGHT 4	44 27 36 N 87 29 48 W	**Fl R** 6s	38 **12**	4	TR on pile.	
	LOWER GREEN BAY (Chart 14910)						
	Algoma						
20975	**- Light**	44 36 24 N 87 25 48 W	**Iso R** 6s	48 **15**	16	TR on cylindrical tower. 42	Standby light of reduced intensity. HORN: 1 blast ev 10s (1s bl). Operated from Apr. 1 to Dec. 1 and other times as required by local conditions.
20980	- LIGHT 1		**Fl G** 4s	20 **6**	6	SG on post.	
20985	- LIGHT 2		**Fl R** 4s	28 **9**	4	TR on pile on cat walk. 22	
	STURGEON BAY AND CANAL (Chart 14919)						
20990	Canal Shoal Buoy 1 Marks east side of shoal.	44 45 34 N 87 18 06 W				Green can.	
	Sturgeon Bay Ship Canal						
20995	**- Light**	44 47 42 N 87 18 48 W	**Fl R** 10s	107 **33**	17	On cylindrical tower. 98	
21005	- NORTH PIERHEAD LIGHT	44 47 30 N 87 18 36 W	**Fl R** 2.5s	40 **12**	9	Cylindrical tower attached to fog signal building.	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operated from Apr. 1 to Dec. 1.
21014	*Oconto Harbor Lighted Bell Buoy*	44 53 00 N 87 46 00 W	**Fl R** 4s		4	Red.	Maintained from May 01 to Nov. 14.
21015	- Buoy 3	44 47 18 N 87 18 30 W				Green can.	
21020	- Buoy 4					Red nun.	
21025	- SOUTH PIERHEAD LIGHT		**Fl G** 4s	32 **10**	5	On cylindrical tower with green band.	
21030	- South Side Daybeacon 5A					SG on pile.	
21035	- LIGHT 6	44 47 36 N 87 18 48 W	**Fl R** 4s	11 **3**	4	TR on post.	
21040	- LIGHT 7	44 48 18 N 87 19 48 W	**Fl G** 4s	31 **9**	3	SG on post.	
21045	- Buoy 9					Green can.	
21050	- Buoy 10					Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
21055	- Buoy 11					Green can.	
21060	- LIGHT 12	44 48 48 N 87 20 42 W	**Fl R** 4s	21 **6**	3	TR on pile. 15	
21065	- RANGE FRONT LIGHT	44 48 42 N 87 20 06 W	**Q W**	28 **9**		KRW on skeleton tower. 15	Visible on range line only. Lighted throughout 24 hours.
21070	- RANGE REAR LIGHT 1,600 feet, 120° from front light.		**F W**	47 **14**		KRW on skeleton tower.	Visible on range line only. Lighted throughout 24 hours.
	Strawberry Creek Channel Entrance						
	Aids maintained from Jun. 1 to Nov. 1.						
21075	- Buoy 1	44 48 42 N 87 20 36 W				Green can.	Private aid.
21080	- Buoy 2					Red nun.	Private aid.
21085	- LIGHT 3		**F G**	38 **12**		On tower.	Private aid.
21090	- LIGHT 4		**F R**	38 **12**		On tower.	Private aid.
21095	- RANGE FRONT LIGHT	44 48 36 N 87 20 42 W	**F G**	14 **4**		On post.	Private aid.
21100	- RANGE REAR LIGHT 125 feet, 190° from front light.		**F G**	20 **6**		On post.	Private aid.
	Sturgeon Bay Ship Channel						
21105	- LEADING LIGHT	44 49 54 N 87 23 00 W	**F G**	25 **8**		NB on 2nd span from west end of highway bridge.	Lighted throughout 24 hours.
21110	- Buoy 15					Green can.	
21115	- Buoy 16					Red nun.	
21120	- Buoy 17					Green can.	
21125	- Buoy 17A					Green can.	
21130	Dunlap Reef Buoy C	44 50 06 N 87 23 12 W				White with orange bands and orange diamond worded SHALLOW AREA.	Maintained from Apr. 1 to Oct. 31. Private aid.
21135	Dunlap Reef Buoy B					White can with orange bands and diamond worded SHALLOW AREA.	Maintained from Apr. 1 to Oct. 31. Private aid.
21140	Dunlap Reef Buoy D					White can with orange bands and diamond worded SHALLOW AREA.	Maintained from Apr. 1 to Oct. 31. Private aid.
21145	*- Lighted Buoy 18*	44 49 44 N 87 22 33 W	**Fl R** 4s		4	Red.	Replaced by nun from Nov. 21 to Apr. 21.
21150	- Buoy 19					Green can.	
21155	- Buoy 22					Red nun.	
21160	- LIGHT 21 Marks north side of Dunlap Reef.	44 50 24 N 87 23 18 W	**Fl G** 4s	31 **9**	7	SG on post.	Higher intensity beam up and downstream.
21165	Dunlap Reef Buoy A					White with orange bands and orange diamond worded SHALLOW AREA.	Maintained from Apr. 1 to Oct. 31. Private aid.
21170	- Buoy 23					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
21175	- Buoy 24					Red nun.	Maintained from Apr. 21 to Nov. 21.
21180	- Buoy 25					Green can.	Maintained from Apr. 21 to Nov. 21.
21185	*- Lighted Buoy 26*	44 51 35 N 87 24 09 W	**Fl R** 4s		4	Red.	Replaced by nun from Nov. 21 to Apr. 21.
21190	- LIGHT 27	44 51 36 N 87 24 18 W	**Fl G** 4s	29 **9**	5	SG on post.	Higher intensity beam up and downstream.
21195	- Buoy 28					Red nun.	
21200	- Buoy 29					Green can.	
21205	- ENTRANCE LEADING LIGHT	44 52 06 N 87 24 54 W	**F Y**	36 **11**		KRW on cylindrical tower.	
21206	*- Lighted Buoy 30*		**Q R**			Red.	Replaced by nun from Apr. 21 to Nov. 21.
21210	- Buoy 31 Marks east side of shoal.					Green can.	Maintained from Apr. 21 to Nov. 21.
21215	*- Lighted Buoy 32*		**Fl R** 2.5s		4	Red.	Replaced by nun from Nov. 21 to Apr. 21.
	LOWER GREEN BAY (Chart 14910)						
21220	Whitefish Point Shoal Buoy 10 Marks southeast side of shoal.	44 51 54 N 87 11 24 W				Red nun.	
21225	Jacksonport Shoal Buoy 2	44 57 54 N 87 09 12 W				Red nun.	
	UPPER GREEN BAY (Chart 14909)						
	Baileys Harbor						
21230	- DIRECTIONAL LIGHT	45 04 12 N 87 07 12 W	**Fl W** 2.5s	31 **9**		KRW on skeleton tower.	Higher intensity beam 340°.
21235	*- Entrance Lighted Bell Buoy*		**Mo (A) W**		6	Red and white stripes.	Maintained from Apr. 21 to Nov. 21.
21240	- Buoy 3					Green can.	
21245	- Buoy 2					Red nun.	
21250	BAILEYS YACHT CLUB BREAKWATER LIGHT		**Q R**	18 **5**		On post.	Maintained from Apr. 1 to Nov. 1. Private aid.
	UPPER GREEN BAY (Chart 14909)						
21255	**Cana Island Light**	45 05 18 N 87 02 48 W	**F W**	83 **25**	17	On conical tower connected to dwelling. 86	Light operated throughout the year.
21260	North Bay Entrance South Side Buoy 1					Green can.	
21265	North Bay Entrance North Side Buoy 2					Red nun.	
21270	Four-Foot Shoal Buoy 8 Marks south side of shoal.					Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
	Rowley Bay						
21275	- Buoy 2 Marks west side off Barkers Reef.					Red nun.	
21280	Spider Reef Buoy 6 Marks south side of reef.					Red nun.	
21285	- East Entrance Buoy 2A Marks shoal.					Red nun.	
21290	- Buoy 3 Marks east side of shoal.	45 11 36 N 87 01 36 W				Green can.	
21295	- Buoy 4 Marks south side of shoal.					Red nun.	
	Porte Des Morts Passage						
21300	*Porte Des Morts Entrance Lighted Bell Buoy*	45 13 53 N 86 53 54 W	**Mo (A) W**		6	Red and white stripes.	Maintained from Apr. 21 to Dec. 1.
21305	PLUM ISLAND RANGE FRONT LIGHT	45 18 12 N 86 57 12 W	**Iso R** 6s	41 **12**		KRW on skeleton tower.	Directional light bearing 330.5°. Lighted throughout 24 hours.
21310	PLUM ISLAND RANGE REAR LIGHT 1,650 feet, 330° from front light.		**F R**	80 **24**		KRW on white cylindrical tower. 65	Lighted throughout 24 hours.
21320	- Outer Shoal Buoy 1 Marks east side of shoal.	45 13 58 N 86 55 29 W				Green can.	Maintained from Apr. 21 to Dec. 1.
21325	**Pilot Island Light**	45 17 06 N 86 55 12 W	**Fl (2) W** 6s 1s fl 1s ec. 1s fl 3s ec.	48 **15**	12	Yellow square tower with red roofs attached to dwelling. 41	
21330	Nine-Foot Shoal Buoy 3 Marks east side of shoal.	45 16 30 N 86 57 06 W				Green can.	
21335	*Waverly Shoal Lighted Bell Buoy 5* Marks northeast side of shoal.	45 17 07 N 86 56 43 W	**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 1 to Apr. 21.
21337	- NORTHPORT HARBOR BREAKWATER LIGHT 1	45 17 30 N 86 58 36 W	**Fl G** 2.5s	20 **6**		SG on blue pole.	Private aid.
21338	- NORTHPORT HARBOR BREAKWATER LIGHT 2		**Fl R** 2.5s	20 **6**		TR on blue pole.	Private aid.
	Detroit Island Passage						
21340	- Buoy 2 Marks southwest side of shoal.					Red nun.	
21345	*Plum Island Lighted Buoy 1* Marks northeast side of shoal.	45 19 17 N 86 56 45 W	**Fl G** 2.5s		5	Green.	Replaced by can from Nov. 21 to Apr. 21.
	Detroit Harbor						
21350	- ENTRANCE LIGHT	45 19 54 N 86 56 12 W	**Fl W** 4s	25 **8**	8	SG on skeleton tower.	HORN: 1 blast ev 10s. Operates by clicking the Mike 5 times within 5 seconds on VHF-FM Ch. 79 to activate, 7 times within 5 seconds to deactivate. Signal automatically deactivates in 45 minutes. Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
21355	- Channel Buoy 2					Red nun.	
21360	*- Channel Lighted Buoy 4*	45 20 12 N 86 56 06 W	**Fl R** 4s		4	Red.	Replaced by nun from Nov. 21 to May 7.
21365	- Channel Buoy 5	45 20 18 N 86 56 12 W				Green can.	
21370	- Channel Buoy 6					Red nun.	
21375	- Channel Buoy 8					Red nun.	
21380	- Channel Buoy 9					Green can.	
21385	- Channel Buoy 11	45 20 30 N 86 56 12 W				Green can.	
	Shipyard Island Marina						
21390	*- Lighted Buoy 2*	45 20 30 N 86 55 42 W	**Fl R** 3s			Red.	Maintained from May 15 to Oct. 15. Private aid.
21395	*- Lighted Buoy 4*		**Fl R** 3s			Red.	Maintained from May 15 to Oct. 15. Private aid.
21400	*- Lighted Buoy 6*		**Fl R** 3s			Red.	Maintained from May 15 to Oct. 15. Private aid.
21405	- NORTH DOCK LIGHT	45 20 24 N 86 54 36 W	**Fl G** 2.5s	10 **3**		SG on post.	Maintained from May 15 to Oct. 15. Private aid.
21410	- SOUTH DOCK LIGHT	45 20 24 N 86 54 36 W	**Fl R** 2.5s	10 **3**		TR on post.	Maintained from May 15 to Oct. 15. Private aid.
	UPPER GREEN BAY (Chart 14909)						
21415	Njord Heim Channel Buoy					Red spar.	Maintained from May 1 to Nov. 1. Private aid.
21420	*Fisherman Shoal Lighted Bell Buoy 6* Marks southeast side of shoal.	45 21 36 N 86 46 12 W	**Fl R** 4s		4	Red.	Replaced by nun from Nov. 21 to Apr. 21.
	Rock Island Passage						
21425	POTTAWATOMIE LIGHT	45 25 42 N 86 49 42 W	**Fl W** 4s	159 **48**	7	On square tower attached to dwelling. 41	Light is obscured from 275° to 020° by dense foliage on Rock Island.
21435	*St. Martin Island Shoals Lighted Buoy 2* Marks south side of shoal.		**Fl R** 2.5s		4	Red.	Replaced by nun from Nov. 21 to Apr. 21.
21440	St. Martin Shoal Buoy 4 Marks southwest side of shoal.					Red nun.	Maintained from Apr. 21 to Nov. 21.
	UPPER GREEN BAY (Chart 14909)						
21445	*Little Gull Island Lighted Bell Buoy 2*	45 29 30 N 86 42 54 W	**Fl R** 4s		4	Red.	Maintained from Apr. 21 to Dec. 1.
21450	**St. Martin Island Light**	45 30 18 N 86 45 30 W	**Al W R** 10s W fl 5s ec. R fl 5s ec.	84 **26**	W 18 R 15	On hexagonal tower. 75	Light visible from 135° to 355°, dark sector covering island.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
21455	Gravelly Island Shoal Buoy 4 Marks west side of shoal.					Red nun.	
21465	SUMMER ISLAND LIGHT	45 34 18 N 86 37 42 W	**Fl W** 4s	38 **12**	6	NR on skeleton tower.	
21470	*Wiggins Point Shoal Lighted Bell Buoy 4* Marks southeast side of shoal.	45 50 28 N 86 16 54 W	**Fl R** 4s		4	Red.	Replaced by nun from Dec. 1 to Apr. 21.
	DUTCH JOHNS POINT TO FISHERY POINT (Chart 14908)						
	Manistique						
21475	- LIGHT	45 56 42 N 86 14 48 W	**Iso R** 6s	50 **15**	11	On tower.	HORN: 1 blast ev 30s (3s bl). Operates from May 1 to Oct. 20.
21480	- WEST BREAKWATER LIGHT		**Fl G** 4s	26 **8**	4	SG on post.	
21485	- WEST PIERHEAD LIGHT		**Fl G** 2.5s	23 **7**	4	SG on post.	
	WAUGOSHANCE POINT TO SEUL CHOIX POINT (Chart 14911)						
21490	**Seul Choix Point Light**	45 55 18 N 85 54 42 W	**Fl W** 6s	80 **24**	26	White conical tower connected to red dwelling.	
	Port Inland						
21495	*- Lighted Bell Buoy 2*	45 54 19 N 85 52 40 W	**Fl R** 4s		4	Red.	Maintained from Apr. 21 to Dec. 1.
21500	- LIGHT	45 57 48 N 85 52 36 W	**Fl R** 5s	48 **15**	7	On skeleton tower.	Maintained from Apr. 15 to Dec. 15. Private aid. HORN: 1 blast ev 12s (2s bl).
21505	- OUTER RANGE FRONT LIGHT	45 58 06 N 85 52 36 W	**F R**	25 **8**		Orange and white square daymark on pile.	Maintained from Apr. 15 to Dec. 15. Private aid.
21510	- OUTER RANGE REAR LIGHT 800 feet, 000° from front light.		**F R**	45 **14**		Orange and white square daymark on pile.	Maintained from Apr. 15 to Dec. 15. Private aid.
21515	- INNER RANGE FRONT LIGHT	45 58 12 N 85 52 12 W	**F R**	27 **8**		Orange and white square daymark on pile.	Maintained from Apr. 15 to Dec. 15. Private aid.
21520	- INNER RANGE REAR LIGHT 625 feet, 047° from front light.		**F R**	40 **12**		Orange and white square daymark on pile.	Maintained from Apr. 15 to Dec. 15. Private aid.
	WAUGOSHANCE POINT TO SEUL CHOIX POINT (Chart 14911)						
21525	*Boulder Reef Lighted Bell Buoy 1*	45 35 18 N 85 58 54 W	**Fl G** 4s		5	Green.	Replaced by can from Dec. 1 to Apr. 21.
21530	**Gull Island Light**	45 42 42 N 85 50 36 W	**Fl W** 6s	77 **23**	11	NR on skeleton tower. 73	
21535	**Lansing Shoals Light**	45 54 12 N 85 33 42 W	**Fl W** 10s	69 **21**	15	Gray square tower on concrete crib. 59	RACON: Y (– • – –) HORN: 1 blast ev 30s (3s bl). Operates year round.
21540	*Garden Island Shoal Lighted Bell Buoy 1* Marks northeast side of shoal.	45 52 06 N 85 28 26 W	**Fl G** 4s		4	Green.	Replaced by can from Nov. 28 to Apr. 21.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE MICHIGAN				
21545	Trout Island Shoal Buoy 5 Marks west side of shoal.					Green can.	
21550	Whiskey Island Shoal Buoy 6 Marks south side of shoal.					Red nun.	Replaced by smaller nun from Nov. 21 to Apr. 21.
21555	Whiskey Island Shoal Buoy 4 Marks south side of shoal.					Red nun.	
21560	Squaw Island Shoal Buoy 2 Marks east side of shoal.					Red nun.	
21565	Squaw Island Shoal Buoy 1 Marks north side of shoal.					Green can.	Maintained from Apr. 21 to Dec. 1.
21570	Potter Reef Buoy 1 Marks northeast side of reef.					Green can.	
21575	Millecoquins Inner Reef Buoy 2 Marks west side of reef.					Red nun.	
21580	NAUBINWAY ISLAND LIGHT	46 04 30 N 85 26 42 W	**Fl W** 4s	32 **10**	6	White cylindrical tower.	
			GREEN BAY				
	DUTCH JOHNS POINT TO FISHERY POINT (Chart 14908)						
	Big Bay De Noc						
21590	*Fayette Lighted Bell Buoy 2* Marks west side of shoal.	45 43 21 N 86 40 21 W	**Fl R** 4s		4	Red.	Maintained from Apr. 28 to Nov. 21.
21591	LITTLE FISHDAM RIVER ACCESS LIGHT		**Fl Y** 4s			On post.	Maintained from Apr. 28 to Nov. 1. Private aid.
21592	- OGONTZ BAY BOAT LAUNCH LIGHT		**Fl Y** 15s	20 **6**		On post.	Maintained from Apr. 15 to Oct. 30. Private aid.
21595	- Shoal Buoy 1 Marks south side of shoal.	45 44 42 N 86 42 18 W				Green can.	
21600	*Drisco Shoal Lighted Bell Buoy 2* Marks south side of shoal.	45 33 19 N 86 57 33 W	**Fl R** 2.5s		4	Red.	Replaced by nun from Nov. 21 to Apr. 28.
21605	*Southwest Drisco Shoal Lighted Buoy DA*	45 32 06 N 87 00 36 W	**Fl (2) W** 5s		5	Black with red band.	Replaced by can from Nov. 21 Apr. 28.
21610	**Minneapolis Shoal Light**	45 34 54 N 86 59 54 W	**Fl W** 5s	82 **25**	16	On white square tower with red stripe.	RACON: M(**– –**) HORN: 1 blast ev 30s (3s bl). Operates from May 1 to Oct. 20.
21615	Corona Shoal Buoy 4 Marks southwest side of shoal.	45 36 42 N 86 57 42 W				Red nun.	Maintained from Apr. 28 to Nov. 21.
21620	*Ford River Shoal Lighted Buoy 5* Marks southeast side of shoal.	45 38 33 N 87 03 40 W	**Fl G** 4s		4	Green.	Maintained from Apr. 28 to Nov. 21.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			GREEN BAY				
21621	FORD RIVER BOAT LAUNCH LIGHT		**Fl Y** 4s			On post.	Maintained from May 1 to Nov. 1. Private aid.
21625	*Eleven Foot Shoal Lighted Bell Buoy 6*	45 38 06 N 86 59 18 W	**Fl R** 6s		5	Red.	Replaced by nun from Nov. 21 to Apr. 28.
	LITTLE BAY DE NOC (Chart 14915)						
	Little Bay De Noc						
21630	- *Lighted Buoy 8* Marks shoal.	45 43 46 N 87 01 31 W	**Fl R** 4s		4	Red.	Maintained from Apr. 28 to Dec. 1.
21631	Escanaba Harbor Daybeacon 1					SG on post.	Private aid.
21632	ESCANABA YACHT HARBOR NORTH PIERHEAD LIGHT 2		**F R**	30 **9**		TR on post.	Private aid.
21635	**Escanaba Light** Marks shoal.	45 44 48 N 87 02 13 W	**Iso W** 6s	45 **14**	15	White square tower with green stripe on crib.	HORN: 1 blast ev 30s (3s bl). Operates from May 1 to Oct. 20.
21645	Escanaba Buoy 1 Marks north side of obstruction.	45 44 50 N 87 02 39 W				Green can.	
21646	Basic Marine Inc. Buoy 1	45 44 54 N 87 03 06 W				Green can.	Maintained from Apr. 15 to Dec. 1. Private aid.
21647	Basic Marine Inc. Buoy 2					Red nun.	Maintained from Apr. 15 to Dec. 1. Private aid.
21650	- *Shoal Lighted Buoy 10* Marks southwest side of shoal.	45 45 30 N 87 01 24 W	**Fl R** 4s		4	Red.	Maintained from Apr. 28 to Dec. 1.
21655	C & N ORE DOCK LIGHT 4		**F R**	8 **2**			Maintained from May 1 to Jan. 1. Private aid.
21660	C & N Ore Dock Buoy 1					Green can.	Maintained from May 1 to Jan. 1. Private aid.
21665	C & N Ore Dock Buoy 2					Red nun.	Maintained from May 1 to Jan. 1. Private aid.
21670	Vinette Co. Buoy 2 Marks submerged piling.					Red nun.	Maintained from Apr. 15 to Oct. 31. Private aid.
21675	Vinette Co. Buoy 4 Marks submerged piling.					Red nun.	Maintained from Apr. 15 to Oct. 31. Private aid.
21680	Vinette Co. Buoy 6 Marks submerged piling.					Red nun.	Maintained from Apr. 15 to Oct. 31. Private aid.
21681	ESCANABA RIVER BOAT ACCESS LIGHT		**Fl Y** 4s			On post.	Maintained from May 1 to Nov. 1. Private aid.
21685	- *Lighted Traffic Buoy*	45 48 15 N 87 02 23 W	**Mo (A) W**		6	Red and white stripes.	Maintained from Apr. 28 to Nov. 21.
21690	*Squaw Point Lighted Buoy 12*	45 49 55 N 87 00 26 W	**Fl R** 6s		5	Red.	Maintained from Apr. 28 to Nov. 21.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			GREEN BAY				
	Gladstone						
	Buoys maintained from May 15 to Oct. 15.						
21695	- BREAKWATER LIGHT		**Fl G** 2.5s	20 **6**		On pile.	Private aid.
21700	- Entrance Buoy 1					Green can.	Private aid.
21705	- Entrance Buoy 2					Red.	Private aid.
21710	- Entrance Buoy 3					Green can.	Private aid.
21715	- Entrance Buoy 4					Red.	Private aid.
21720	- Entrance Buoy 5					Green can.	Private aid.
21725	- Entrance Buoy 6					Red.	Private aid.
	Little Bay De Noc						
21730	Saunders Point Buoy 13	45 50 54 N 86 59 42 W				Green can.	
21735	SAUNDERS POINT LIGHT	45 50 54 N 87 00 00 W	**Iso G** 6s	28 **9**	6	SG on column.	
21740	Saunders Point Shoal Inside Buoy 15 Marks north side of shoal.	45 51 06 N 86 59 54 W				Green can.	
21741	- HUNTERS POINT BOAT LAUNCH LIGHT		**Fl Y** 15s	20 **6**		On post.	Maintained from Apr. 15 to Oct. 30. Private aid.
21742	Butler Island Channel Buoy 1	45 51 53 N 87 00 33 W				Green can.	Maintained from May 1 to Nov. 15. Private aid.
21742.1	Butler Island Channel Buoy 2	45 51 55 N 87 00 40 W				Red nun.	Maintained from May 1 to Nov. 15. Private aid.
21742.2	Butler Island Channel Buoy 3	45 51 45 N 87 00 55 W				Green can.	Maintained from May 1 to Nov. 15. Private aid.
21742.3	Butler Island Channel Buoy 4	45 51 47 N 87 01 01 W				Red nun.	Maintained from May 1 to Nov. 15. Private aid.
21745	Kipling Channel Buoy 8	45 51 51 N 86 59 59 W				Red nun.	
	UPPER GREEN BAY (Chart 14909)						
21760	JACKSON HARBOR LIGHT	45 24 12 N 86 51 00 W	**Fl R** 4s	20 **6**	7	TR on pile.	
21765	Jackson Harbor Buoy 1					Green can.	Buoy may be relocated without prior notice to mark best channel.
21766	Jackson Harbor Buoy 2					Red nun.	Buoy may be relocated without prior notice to mark best channel.
21770	BOYER BLUFF LIGHT	45 25 12 N 86 56 12 W	**Fl W** 6s	220 **67**	8	On skeleton tower. 80	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			GREEN BAY				
21775	*Whaleback Shoal East End Lighted Bell Buoy 4* Marks southeast side of shoal.	45 21 06 N 87 10 12 W	**Fl R** 6s		5	Red.	Replaced by nun from Dec. 1 to Apr. 21.
21780	Whaleback Shoal West End Buoy 1 Marks northwest side of shoal.					Green can.	
21785	CEDAR RIVER PIERHEAD LIGHT	45 24 30 N 87 21 00 W	**Fl G** 4s	26 **8**	6	SG on skeleton tower.	
21787	CEDAR RIVER LIGHT 2	45 24 30 N 87 21 00 W	**Fl R** 4s	20 **6**	4	TR on pole.	
21790	Cedar River Entrance Buoy 1 Marks rock.	45 23 42 N 87 20 30 W				Green can.	
21795	Sister Islands Buoy 1					Green can.	
21800	SISTER BAY MARINA LIGHT 1	45 11 54 N 87 07 12 W	**Fl G** 4s	20 **6**		SG on post.	Private aid.
21802	SISTER BAY RESORT AND YACHT CLUB LIGHT	45 11 24 N 87 07 24 W	**Fl R** 2s	5 **2**		On post.	Maintained from May 1 to Nov. 1. Private aid.
21805	*Horseshoe Reef Lighted Buoy 2* Marks southeast side of reef.	45 13 00 N 87 11 54 W	**Fl R** 4s		4	Red.	Replaced by nun from Nov. 14 to May 1.
21810	Sister Shoals Buoy 3					Green can.	
21815	HORSESHOE ISLAND LIGHT	45 10 36 N 87 12 42 W	**Fl G** 4s	33 **10**	4	NB on post.	
	Strawberry Channel						
21820	- Northeast Buoy 4 Marks east side of shoal.					Red nun.	
21825	EAGLE BLUFF LIGHT	45 10 06 N 87 14 12 W	**Fl W** 6s	75 **23**	7	Yellow square tower with brown roof attached to dwelling. 43	Light is obscured from 220° to 030°.
21830	*- Southeast Lighted Bell Buoy 6*	45 09 01 N 87 15 00 W	**Fl R** 4s		4	Red.	Replaced by nun from Nov. 14 to May 1.
21835	*- Mid-Channel Mark Lighted Buoy S*	45 08 30 N 87 16 24 W	**Fl (2+1) R** 6s			Red and green bands.	Replaced by nun from Nov. 14 to May 1.
21845	Hanover Shoal Buoy 2 Marks southeast side of shoal.	45 08 36 N 87 17 42 W				Red nun.	Replaced by smaller nun from Nov. 7 to Apr. 21.
21850	HAT ISLAND SOUTH SHOAL BUOY HI	45 05 18 N 87 19 24 W				Black can with red band.	
21855	*Anchorage Cove Lighted Buoy 1*	45 04 06 N 87 16 54 W	**Q G**			Green.	Maintained from May 1 to Oct. 30. Private aid.
21860	*Anchorage Cove Lighted Buoy 2*		**Q R**			Red.	Maintained from May 1 to Oct. 30. Private aid.
21865	Anchorage Cove Buoy 3					Green can.	Maintained from May 1 to Oct. 30. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			GREEN BAY				
21870	Anchorage Cove Buoy 4					Red nun.	Maintained from May 1 to Oct. 30. Private aid.
21875	LILLA HAMMAR LIGHT 1	45 04 06 N 87 16 48 W	**F G**	12 **4**		SG on post.	Maintained from Jun. 15 to Sep. 15. Private aid.
21880	LILLA HAMMAR LIGHT 2		**F R**	12 **4**		TR on post.	Maintained from Jun. 15 to Sep. 15. Private aid.
21885	LILLA HAMMAR ENTRANCE LIGHT		**F W**	9 **3**		On post.	Maintained from Jun. 15 to Sep. 15. Private aid.
21890	*Chambers Island North Shoal Lighted Bell Buoy 1*	45 14 24 N 87 19 48 W	**Fl G** 4s		4	Green.	Replaced by can from Dec. 1 to Apr. 21.
21895	**Chambers Island Light**	45 12 06 N 87 21 54 W	**Fl W** 6s	97 **30**	10	On skeleton tower. 67	
21900	*Chambers Island West Shoal Lighted Bell Buoy 3*	45 10 48 N 87 24 23 W	**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 1 to Apr. 21.
	MENOMINEE AND MARINETTE HARBORS (Chart 14917)						
	Menominee						
21905	- MARINA BREAKWATER LIGHT 2	45 06 24 N 87 36 00 W	**Fl R** 4s	40 **12**		TR on post.	Private aid.
21910	- Marina Breakwater Daybeacon 3			14 **4**		SG on post.	Private aid.
21915	- *Shoal Lighted Bell Buoy 2A* Marks east side of shoal.	45 06 18 N 87 34 24 W	**Fl R** 4s		4	Red.	Replaced by nun from Nov. 14 to Apr. 21.
21920	- Entrance Buoy 1 Marks shoal.					Green can.	
21925	- Entrance Buoy 2 Marks shoal.	45 06 00 N 87 34 42 W				Red nun.	
21930	MARINETTE PIERHEAD LIGHT 3		**Fl G** 4s	25 **8**	4	SG on post.	
21935	PIERHEAD LIGHT 4	45 05 48 N 87 35 12 W	**Oc R** 4s	46 **14**	9	Red octagonal tower on square concrete base.	
21940	**- Pier Light 6**		**F R**	59 **18**	12	On red skeleton tower.	
21945	- River Buoy 2					Red nun.	Maintained from May 7 to Nov. 7.
21950	- River Buoy 4					Red nun.	Maintained from May 7 to Nov. 7.
21955	- River Buoy 6					Red nun.	Maintained from May 7 to Nov. 7.
21957	- River Buoy 7 Marks shoal.					Green can.	Maintained from May 7 to Nov. 7.
21960	Menekaunee Shoal Buoy 6 Marks east side of shoal.	45 04 12 N 87 34 00 W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	UPPER GREEN BAY (Chart 14909)						
21965	*Green Island Shoal Lighted Buoy 1* Marks west side of shoal.	45 03 36 N 87 31 30 W	**Fl G** 4s		4	Green.	Replaced by can from Nov. 14 to Apr. 21.
21970	**Green Island Light**	45 03 18 N 87 29 30 W	**Fl W** 6s	80 **24**	10	NR on skeleton tower. 65	
21975	Green Island Southeast Shoal Buoy 2	45 02 42 N 87 28 54 W				Red nun.	Maintained from Apr. 28 to Nov. 14.
21980	MARINETTE LITTLE RIVER LIGHT	45 02 42 N 87 37 30 W	**Fl Y** 2.5s	28 **9**		NY on post.	Private aid.
	LOWER GREEN BAY (Chart 14910)						
21985	Monument Shoal Buoy 5 Marks west side of shoal.	44 59 36 N 87 22 54 W				Green can.	
21990	PESHTIGO REEF LIGHT Marks southeast side of shoal.	44 57 24 N 87 34 48 W	**Fl W** 6s	72 **22**	9	On white column with red band.	HORN: 1 blast ev 30s (3s bl). Operates from May 1 to Oct. 20.
21995	*Sherwood Point Lighted Buoy 7* Marks north side of shoal.	44 54 54 N 87 27 42 W	**Fl G** 4s		4	Green.	Replaced by can from Nov. 14 to Apr. 21.
22000	**Sherwood Point Light**	44 53 36 N 87 26 00 W	**Iso W** 6s	61 **19**	15	White square tower, dwelling attached. 35	
22005	*Sherwood Point Traffic Lighted Bell Buoy*	44 53 34 N 87 24 51 W	**Mo (A) W**		6	Red and white stripes.	Maintained from Apr. 21 to Nov. 21.
	Little Sturgeon						
	Buoys maintained from May 15 to Oct. 15.						
22012.1	- Buoy 1					Green can.	Private aid.
22012.2	- Buoy 2	44 50 36 N 87 33 06 W				Red nun.	Private aid.
22012.3	- Buoy 3					Green can.	Private aid.
22012.4	- Buoy 4					Red nun.	Private aid.
22012.5	- Buoy 5					Green can.	Private aid.
22012.6	- Buoy 6					Red nun.	Private aid.
22012.7	- Buoy 7					Green can.	Private aid.
22012.8	- Buoy 8					Red nun.	Private aid.
22014	*Oconto Harbor Lighted Bell Buoy*	44 53 00 N 87 46 00 W	**Fl R** 4s		4	Red.	Maintained from May 1 to Nov. 14.
22015	OCONTO HARBOR NORTH PIERHEAD LIGHT 2	44 53 54 N 87 49 18 W	**F R**	40 **12**	5	TR on pile.	Maintained from Apr. 15 to Nov. 1. Private aid.
22020	OCONTO HARBOR SOUTH PIERHEAD LIGHT 3	44 53 54 N 87 49 18 W	**Fl G** 6s	20 **6**	6	SG on post.	
22025	*Oconto River Lighted Buoy 4*		**Q R**			Red.	Maintained from Apr. 15 to Nov. 1. Private aid.
22035	PENSAUKEE HARBOR LIGHT	44 49 18 N 87 53 54 W	**Fl R** 4s	16 **5**	7	TR on column.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			GREEN BAY				
22040	*Pensaukee Harbor Entrance Lighted Buoy 2*		**Fl R** 6s		3	Red.	Maintained from May 7 to Nov. 1. Buoy may be relocated without prior notice to mark the best channel.
	All Season's Marina						
22047	- Buoy 1					Green can.	Maintained from May 1 to Nov. 1. Private aid.
22047.1	- Buoy 2					Red nun.	Maintained from May 1 to Nov. 1. Private aid.
22047.2	- Buoy 3					Green can.	Maintained from May 1 to Nov. 1. Private aid.
22047.3	- Buoy 4					Red nun.	Maintained from May 1 to Nov. 1. Private aid.
22047.4	- LIGHT	44 38 48 N 87 45 42 W	**Fl W** 4s	4 **1**		On post.	Maintained from May 1 to Nov. 1. Private aid.
22050	BAY SHORE COUNTY PARK LIGHT		**Fl R** 4s	15 **5**		On pile.	Private aid.
22055	*Suamico Lighted Buoy 1*	44 38 00 N 88 00 06 W	**Fl 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	*Saumico Lighted Buoy 2*	44 38 02 N 88 00 07 W	**Q R**			Red.	Maintained from May 1 to Oct. 31. Private aid.
22055.3	*Saumico Lighted Buoy 3*	44 37 56 N 88 00 12 W	**Q G**			Green.	Maintained from May 1 to Oct. 31. Private aid.
22055.4	*Saumico Lighted Buoy 4*	44 37 57 N 88 00 11 W	**Q R**			Red.	Maintained from May 1 to Oct. 31. Private aid.
22055.5	*Saumico Lighted Buoy 5*	44 37 52 N 88 00 18 W	**Q G**			Green.	Maintained from May 1 to Oct. 31. Private aid.
22055.6	*Saumico Lighted Buoy 6*	44 37 53 N 88 00 19 W	**Q R**			Red.	Maintained from May 1 to Oct. 31. Private aid.
22055.7	*Saumico Lighted Buoy 7*	44 37 48 N 88 00 24 W	**Q G**			Green.	Maintained from May 1 to Oct. 31. Private aid.
22060	*Suamico Lighted Buoy 8*		**Fl R** 4s		3	Red.	Maintained from May 7 to Nov. 1. Buoy may be relocated without prior notice to mark the best channel.
22065	*Saumico Lighted Buoy 9*	44 37 49 N 88 00 28 W	**Q G**			Green.	Maintained from May 1 to Oct. 31. Private aid.
22066	*Saumico Lighted Buoy 10*	44 37 50 N 88 00 28 W	**Q R**			Red.	Maintained from May 1 to Oct. 31. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			GREEN BAY				
22070	Suamico River Obstruction Buoy	44 37 51 N 88 00 32 W				White with orange bands.	Maintained from Apr. 15 to Nov. 15. Private aid.
	Pirates Cove Marina						
	Buoys maintained from May 1 to Oct. 15.						
22075	*- Lighted Buoy 1*	44 35 24 N 87 59 36 W	**Fl G** 2.5s			Green.	Private aid.
22080	*- Lighted Buoy 2*		**Fl R** 2.5s			Red.	Private aid.
22085	- Buoy 3					Green can.	Private aid.
22090	- Buoy 4					Red nun.	Private aid.
22095	- Buoy 5					Green can.	Private aid.
22100	- Buoy 6					Red nun.	Private aid.
22100.1	- Buoy 7					Green can.	Private aid.
22100.2	- Buoy 8					Red nun.	Private aid.
22100.3	- Buoy 9					Green can.	Private aid.
22100.4	- Buoy 10					Red nun.	Private aid.
	HEAD OF GREEN BAY (Chart 14918)						
	Green Bay Harbor						
	Green Bay Harbor Entrance Channel						
	Lighted buoys maintained from Apr. 21 to Dec. 1, unless otherwise noted.						
22105	*- Lighted Buoy 1*	44 40 36 N 87 52 36 W	**Fl G** 2.5s		4	Green.	
22110	*- Lighted Bell Buoy 2*		**Fl R** 2.5s		4	Red.	
22115	*- Lighted Buoy 3*		**Fl G** 4s		4	Green.	
22120	*- Lighted Buoy 4*		**Fl R** 4s		4	Red.	
22125	*- Lighted Buoy 5*		**Fl G** 6s		4	Green.	
22130	**Green Bay Harbor Entrance Light**	44 39 12 N 87 54 06 W	**Oc R** 4s	72 **22**	12	White conical tower on cylindrical base.	Standby light of reduced intensity. Lighted throughout 24 hours. HORN: 1 blast ev 15s (2s bl). Maintained from Apr. 1 to Nov. 1.
22135	*- Lighted Buoy 7*		**Fl G** 2.5s		4	Green.	
22140	*- Lighted Buoy 8*		**Fl R** 2.5s		4	Red.	Maintained from Apr. 21 to Dec. 1.
22145	*- Lighted Buoy 9*	44 37 22 N 87 55 33 W	**Fl G** 4s		4	Green.	Replaced by can from Dec. 1 to Apr. 21.
22150	*- Lighted Buoy 10*	44 37 24 N 87 55 42 W	**Fl R** 4s		4	Red.	Replaced by nun from Dec. 1 to Apr. 21.
22155	*- Lighted Bell Buoy 11*		**Fl G** 4s		4	Green.	
22160	*- Lighted Buoy 12*		**Fl R** 4s		4	Red.	
22165	- LIGHT 14		**Q R**	40 **12**	5	White cylindrical tower with red band.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			GREEN BAY				
22170	*- Lighted Buoy 15*	44 35 36 N 87 57 12 W	**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 1 to Apr. 28.
22175	*- Lighted Bell Buoy 16*	44 35 30 N 87 57 30 W	**Fl R** 4s		4	Red.	Replaced by nun from Dec. 1 to Apr. 28.
22180	- RANGE FRONT LIGHT	44 35 24 N 87 57 30 W	**F G**	43 **13**		KRW on cylindrical tower.	
22181	- RANGE FRONT PASSING LIGHT		**Fl Y** 4s	45 **14**	4	On same structure as Green Bay Harbor Entrance Channel Range Front Light.	Above Range Front Light.
22185	- RANGE REAR LIGHT 5,500 feet, 213° from front light.		**Oc G** 4s	88 **27**		KRW on white cylindrical tower.	
22186	- RANGE REAR PASSING LIGHT		**Fl Y** 4s	91 **28**	4	On same structure as Green Bay Harbor Entrance Channel Range Rear Light.	Above Range Rear Light.
	Molokai Island						
22188	*- Entrance Lighted Buoy 15A*		**Fl G** 4s			Green.	Maintained from Apr. 28 to Dec. 1.
22189	*- Entrance Lighted Buoy 16A*		**Fl R** 4s			Green.	Maintained from Apr. 28 to Dec. 1.
	Green Bay Harbor						
	Green Bay Harbor Entrance Channel						
22200	*- Lighted Buoy 17*	44 34 54 N 87 58 36 W	**Q G**		4	Green.	Replaced by can from Dec. 1 to Apr. 28.
22205	- LIGHT 18		**Fl R** 2.5s	35 **11**	6	White cylindrical tower with red band.	
22210	*- Lighted Buoy 19*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 1 to Apr. 28.
22215	- INNER RANGE FRONT LIGHT	44 34 48 N 87 59 00 W	**Q G**	29 **9**		KRW on cylindrical tower.	
22216	- INNER RANGE FRONT PASSING LIGHT		**Fl Y** 4s	30 **9**	4	On same structure as Green Bay Harbor Entrance Channel Inner Range Front Light.	Above Inner Range Front Light.
22220	- INNER RANGE REAR LIGHT 2,500 feet, 237.5° from front light.		**Iso G** 6s	49 **15**		KRW on white cylindrical tower.	
22221	- INNER RANGE REAR PASSING LIGHT		**Fl Y** 4s	50 **15**	4	On same structure as Green Bay Harbor Entrance Channel Inner Range Rear Light.	Above Inner Range Rear Light.
22225	*- Lighted Buoy 22*		**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 1 to Apr. 28.
22230	*- Lighted Buoy 21*		**Fl G** 2.5s		4	Green.	Replaced by can from Dec. 1 to Apr. 28.
22235	*- Lighted Buoy 24*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 1 to Apr. 28.
22240	*- Lighted Buoy 23*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 1 to Apr. 28.
22245	- LIGHT 25	44 33 30 N 87 59 36 W	**Fl G** 2.5s	28 **9**	5	SG on post.	Higher intensity beam down channel.
22250	*- Lighted Buoy 26*		**Fl R** 2.5s		4	Red.	Replaced by nun from Dec. 1 to Apr. 21.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			GREEN BAY				
22255	*- Lighted Buoy 27*		**Fl G** 4s		4	Green.	Replaced by can from Dec. 1 to Apr. 28.
22260	*- Lighted Buoy 28*		**Fl R** 4s		4	Red.	Replaced by nun from Dec. 1 to Apr. 28.
22265	*- Lighted Buoy 30*		**Fl R** 2.5s		4	Red.	Maintained from Apr. 21 to Dec. 1.
	Green Bay Harbor						
22270	GREEN BAY HARBOR DISPOSAL LIGHT	44 32 18 N 88 00 12 W	**Q W**	8 **2**		On dolphin.	Maintained from Apr. 15 to Nov. 15. Private aid.
	South Bay Marina						
	Lights maintained from Apr. 1 to Nov. 30.						
22271	- EAST BREAKWATER LIGHT	44 32 23 N 87 59 51 W	**Fl W** 6s	11 **3**		On pile.	Private aid.
22271.1	- EAST MIDDLE BREAKWATER LIGHT	44 32 24 N 87 59 54 W	**Fl W** 6s	11 **3**		On pile.	Private aid.
22271.2	- WEST MIDDLE BREAKWATER LIGHT	44 32 25 N 87 59 58 W	**Fl W** 6s	11 **3**		On pile.	Private aid.
22271.3	- WEST BREAKWATER LIGHT	44 32 23 N 88 00 02 W	**Fl W** 6s	11 **3**		On pile.	Private aid.
	Lanai Island						
22272	- ENTRANCE LIGHT 1	44 32 21 N 88 00 12 W	**F G**	11 **3** 3 **1**		SG on pile.	Private aid.
22273	- ENTRANCE LIGHT 2	44 32 20 N 88 00 12 W	**F R**	11 **3** 3 **1**		TR on pile.	Private aid.

LOWER FOX RIVER AND LAKE WINNEBAGO

LOWER FOX RIVER (Chart 14916)

Green Bay City

Due to silting, all buoys in the Fox River and Lake Winnebago may be relocated without prior notice to mark the best channel.
Buoys maintained from May 14 to Oct. 14.

22280	- Buoy 2	Red nun.
22285	- Buoy 4	Red nun.
22290	- Buoy 6	Red nun.
22295	- Buoy 7	Green can.
22300	- Buoy 8	Red nun.
22305	- Buoy 10	Red nun.
22310	- Buoy 12	Red nun.
22315	- Buoy 13	Green can.
22320	- Buoy 14	Red nun.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LOWER FOX RIVER AND LAKE WINNEBAGO				
22325	- Buoy 18					Red nun.	
22330	- Buoy 19					Green can.	
22335	- Buoy 20					Red nun.	
	Due to silting, all buoys in the Fox River and Lake Winnebago may be relocated without prior notice to mark the best channel.						
22345	- Buoy 22					Red nun.	Maintained from May 14 to Oct. 14.
22350	- Buoy 24					Red nun.	Maintained from May 14 to Oct. 14.
22355	- Buoy 26					Red nun.	Maintained from May 14 to Oct. 14.
22360	- Buoy 27					Green can.	Maintained from May 14 to Oct. 14.

A

Above Fighting Island 8115
Agate Bay Buoy 2 16525
ALABASTER TRAMWAY RANGE 11165
Alden Island Buoy 9 17480
Alexandria Bay Shoal Daybeacon 1355
Algoma 20975
Allan Otty Shoal Lighted Buoy 2 1755
Allouez Bay 15620
ALOHA STATE PARK NORTH JETTY LIGHT 11905
Alpena 11355
Aluminum Foundry Water Intake Buoy 90
American Canal 14195
Amherstburg Channel 6965
AMHERSTBURG RANGE 7090
ANCHOR`S AWAY MARINA ENTRANCE LIGHT 1 5450
Angus Island Light 16895
APOSTLE ISLANDS 15255
Arrowhead Island Buoy 7 17475
Ashland Harbor 15310
Ashtabula Harbor 3745
Atlantic Point Lighted Buoy 37 14975
Au Gres Harbor 11140
Au Sable 11310
Au Sable Light 14565

B

Baileys Harbor 21230
BAILEYTOWN WATER INTAKE CRIB LIGHT 19575
BALD ROCK LIGHT 17165
Ballards Reef Channel 7150
BALLAST ISLAND LIGHT 5650
BANK POINT LIGHT 18815
Bar Point Pier Light D33 6995
BARCELONA HARBOR EAST BREAKWATER LIGHT 3480
Barge Cove Buoy A 16750
Barkers Island Marina 15710
BATTERY PARK MARINA SOUTH ENTRANCE LIGHT 4950
Battle Island Light 16870
Baudette Harbor 17095
Bay Furnace Light 14600
Bay Point 5170
BAY SHORE COUNTY PARK LIGHT 22050
Bayfield Channel 14160
BAYFIELD ISLAND LIGHT 1635
Bayfield Ruins Buoy 1 15500
BEACHWOOD VILLA LIGHT 1 4455
Bear Island Buoy 32 17715
BEAR LAKE ENTRANCE WEST 18770
Beaver Creek 4410
Beaver Island Shoal Northeast End Lighted Buoy 1 17810
Beaver Island State Park 3055
BELLE ISLE LIGHT 8210
Belle Isle Lower Junction Lighted Buoy 8205
Belle Isle North Channel 8280
Belle Maer Marina 9070
BELMONT HARBOR LIGHT 20090
Belvedere Club Dock 17970
BELVIDERE BOAT CLUB LIGHT 9390
Bete Grise Bay Shoal Buoy 1 15140
Big American Island Daybeacon 19 17250
Big Bay Buoy 1 19320
Big Bay Point Light 14705
Big Point Lighted Buoy 7 14265
Big Sable Light 18525
BIG SIX MILE CREEK LIGHT 3335
BIRCH POINT LIGHT 16990
Birch Point Lighted Buoy QV18 13815
BIRCH POINT RANGE 14430
Bivo Island Daybeacon 11 17485
Black Creek 8930
Black River Bay 1850
BLACK RIVER EAST BREAKWATER LIGHT 1 15230
Black River Entrance Lighted Buoy 1 1885
Black Rock Canal 2785
Blake Point Light 16820
BOARDMAN RIVER WEST PIERHEAD LIGHTS (2) 18295
BOIS BLANC LIGHT 12535
BOIS BLANC TOWNSHIP DOCK LIGHT 11775
Bolles Harbor 6490
BOUCHA ISLAND LIGHT 16970
Boulder Reef Lighted Bell Buoy 1 21525
Bouvier Bridge Marina Channel 9260
BOWENS CREEK DIRECTIONAL LIGHT 9855
BOYER BLUFF LIGHT 21770
Boyne City 18070
BRADSTREET LANDING DOCK LIGHT 4255
Broadway Shoal Buoy 1350
Brockville Breakwater Light 1040
BROCKVILLE CROSSOVER RANGE 1150
Brookford Road Water Intake Crib Buoy M 6435
BRULE ISLAND LIGHT 17340
BRULE POINT LIGHT 17050
Brush Island Buoy 2 16950
Brush Point Lighted Buoy 13 14350
BRUSH POINT RANGE 14390
Buckhorn Island 3305
Buffalo Harbor 2665
Buffalo Harbor South Entrance 2905
BUFFALO POINT LIGHT 17000
Buffalo Point Marina Entrance Lighted Buoy 16995
Buffalo River 2725
BURNHAM PARK HARBOR 19955
Burns Harbor 19575
BURNS WATERWAY JETTY NORTH LIGHT 1 19595
Burnt Island Daybeacon 20 17675
BURNT ISLAND REEF LIGHT 1 12690
Burt Lake 12095
BURTON ISLAND LIGHT 17060

C

C & N ORE DOCK LIGHT 4 21655
Calcite 11610
Calf Island Spit Buoy 5 2005
Calumet 19740
CAMP PATOS LIGHT 5570
Cana Island Light 21255
Canada Island Anchorage Area N Lighted Buoy XJ 560
Canal Shoal Buoy 1 20990
Canoe Channel 17195
CAPE VINCENT BREAKWATER 1700
CAPSTAN REEF LIGHT 17180
Caribou Island Light 16845
CARLETON ISLAND LEADING LIGHT 1670
Caseville Harbor 10345
CAT ISLAND LEADING LIGHT 345
Catamaran Shoal Buoy 135 1020
Catawba Island Lighted Buoy 1 5835
Cattaraugus Creek 3375
CAUSEWAY LEADING 4810
Cedar Point Lighted Buoy 21 14400
Cedar Point Marina 4765
CEDAR POINT WATER INTAKE LIGHT 4645
CEDAR RIVER PIERHEAD LIGHT 21785
Cedarville East Channel 12280
Cedarville West Channel 12505
Cemetary Island Buoy 22 17515
CHAGRIN EAST PIER LIGHT 3940
Chambers Island Light 21895
CHANNEL GROVE MARINA DOCK LIGHT 5315
Charity Island Shoal Lighted Bell Buoy 1 10530
Charlevoix 17920
Chaumont Bay 1780
Cheboygan 11780
Cheboygan Traffic Lighted Bell Buoy 12180
CHENAL ECARTE RANGE 9760
Chenal Ecarte Shoal Lighted Buoy A36 9755
Cheney Shoal Buoy 5 12710
Chequamegon Bay 15300
CHERRY ISLAND LIGHT 1780
Chicago Harbor 19960
CHIMNEY ISLAND LEADING LIGHT 910
CHIMNEY ISLAND LIGHT 1230
Chippawa Channel 3335
Chippewa Harbor Daybeacon 16745
CHIPPEWA POINT DIRECTIONAL LIGHT 1210
Clarke Point Buoy 8 19855
Clayton Shoal Lighted Buoy 1 1520
Clemson Shoal Lighted Bell Buoy 4 19910
Cleveland Harbor 4040
Cleveland Harbor West Basin Channel 4215
Clinton River 8975
Clinton River Boat Club 9495
COLCHESTER REEF LIGHT 6870
COLE CREEK LIGHT 14995
Cole Shoal Lighted Buoy 150A 1135
Coles Creek Channel 435
COLONY CLUB MARINA NORTH LIGHT 5850
COMMONWEALTH EDISON BREAKWATER LIGHT 20345
Conneaut Harbor 3700
Conservation Club Channel 18925
Consumer Power Company 18585
CONSUMERS POWER COMPANY LIGHT 1 18910
COOLEY CANAL BREAKWATER LIGHT 1 6005
Copper Harbor Light 15175
Corbutt Island Intake Crib Buoy J 6420
Cordwood Point Lighted Buoy 1 11745
CORNUCOPIA EAST PIER LIGHT 15585
Corona Shoal Buoy 4 21615
Corunna Channel 9915
COURTRIGHT LIGHT 9870
Cove Island Light 12675
Coyle Point 13215
Crab Island Shoal Lighted Bell Buoy 4 12825
CRESCENT MARINE PIER LIGHT 1805
Crescent Sail Yacht Club 8715

Crib Reef Buoy 7 5545
Crooked Lake 12120
Crooked River 12110
Crow Creek 16940
Crow Island Leading Light 12220
Cumberland Point Buoy 2 16680

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Dahlia Shoal Buoy 11 17800
Daisy Farm East Buoy 16800
DANBURY BREAKWATER LIGHT 4970
Dark Hole East Range 13170
DARK HOLE WEST RANGE FRONT LIGHT 13180
DAVENPORT MARINE DOCK LIGHT 2215
Davis-Bease Nuclear Power Plant Obstruction Buoy 5950
De Tour Reef Light 12770
DeRottenburg Lighted Buoy 145A 1100
DETROIT BOAT CLUB LIGHT 8305
DETROIT EDISON BOAT CLUB ENTRANCE LIGHT 2 8360
DETROIT EDISON CELL LIGHT SOUTH 8150
Detroit Edison Lighted Buoy 1A 8355
Detroit Harbor 21350
Detroit Island Passage 21340
DETROIT LIME COMPANY LIGHT 8165
Detroit River Entrance 6885,7325
DETROIT RIVER PIER LIGHT 30D 6980
Devils Island Light 15565
DeWATTEVILLE ISLAND RANGE 1110
Dickinson Island Junction Lighted Buoy 9525
Disposal Area 6245
DIVERSEY HARBOR ENTRANCE NORTH BREAKWATER LIGHT 20080
DORAN SHOAL RANGE 425
DRAKE POINT LIGHT 4 19340
Drisco Shoal Lighted Bell Buoy 2 21600
DRUMMOND ISLAND RANGE 870
Drummond Island Shoal Buoy 6 12830
Drummond Island Shoal Yacht Haven Channel 12725
Duluth Harbor 15840
DULUTH MISSABE & IRON RANGE RAILWAY CO. ORE DOCK NO. 6 LIGHT 16520
DUNCAN L. CLINCH YACHT HARBOR LIGHT 18290
Dunkirk Harbor 3410

E

EAGLE BLUFF LIGHT 21825
Eagle Creek Marina 2360
Eagle Harbor Light 15195
EAST BAY HARBOR NORTH BREAKWATER LIGHT 18180
EAST CHARITY SHOAL 1760
East Harbor Smallboat Concourse 5325
EAST HARBOR STATE PARK EAST BREAKWATER LIGHT 5365
East Neebish Island Channel 13760
EASTLAKE INTAKE BREAKWATER LIGHT 3955
Ecorse Channel 8090
ELBA-MAR BOAT CLUB RANGE 7585
Eleven Foot Shoal Lighted Bell Buoy 6 21625
Elk Rapids 18155
ENRICO PERMI POWER PLANT INTAKE LIGHTS 6715
Erie County Water Authority Lighted Intake Buoy ECWA 3105
Erie Harbor 3645
Erie Harbor 3495
Erie Proving Ground 5780
Escanaba Buoy 1 21645
Escanaba Light 21635
ESSEXVILLE RANGE 10760
EUCLID BEACH EAST BREAKWATER LIGHT 4000
Everens Point 13110

F

FAIR HAVEN BREAKWATER LIGHT 2 2135
Fairport Harbor 3835
False Ducks Light 2615
FARWELL AVENUE BREAKWATER LIGHT 20165
Fawn Island Lighted Buoy 38 9780
Fawn Island Upper End 9825
Fayette Lighted Bell Buoy 2 21590
Feedem Island Buoy 36 17565
FIFTY-NINTH STREET YACHT HARBOR SOUTH PIER LIGHT 19895
Fighting Island Channel 7735
FILTRATION PLANT BREAKWATER SOUTH END LIGHT 19860
FISHER LANDING LIGHT 1465
Fisherman Island Shoal Buoy 1 18105
Fisherman Shoal Lighted Bell Buoy 6 21420
Flag Island Buoy 2 16955
Fleming Channel 8210
Ford Park Channel 17875
Ford Shoal Lighted Buoy 1 2130
Ford Yacht Club 7468
Fort Gratiot Light 10015
FORT GRATIOT RANGE 9990
FORT MALDEN RANGE 7155
Fort Niagara Light 2485
Fort Niagara Lighted Bell Buoy 3 2495
Forty-Mile Point Light 11715
FOSTER AVENUE PIERHEAD LIGHT 20140
Four-Foot Shoal Buoy 8 21270
Four-Mile Crib Light 19925
Fourteen Foot Shoal Light 11765
Fox Island Daybeacon 4 17630
Frankfort 18375
FRANSEN ISLAND LIGHT 2A 17150
Fraser Island Buoy 17A 17245
FRECHETTE POINT 14010

G

Gagnon Point 17470
Galloo Island Light 2000
GALOP ISLAND EAST RANGE 810
Garden Island Shoal Lighted Bell Buoy 1 21540
Gary 19605
Gaukler Shoal Lighted Buoy 1 8850
Gem Beach 5495
Genesse River Turning Basin Buoy 2 2335
GENEVA ON THE LAKE LIGHT 1 3825
Gibraltar South Harbor Channel 7655
Gladstone 21695
Goderich (Main) Light 12660
Goose Island Buoy 1 12360
GOOSE NECK ISLAND SHOALS RANGE 515
Gordon Park 4040
Grand Haven 18965
Grand Island Harbor Buoy 4 14595
GRAND ISLAND LIGHT 14570
GRAND ISLAND RANGE 3075
Grand Island Shoal Buoy 1A 14615
Grand Marais 16615
Grand Marais Harbor of Refuge 14550
GRAND PORTAGE BAY ENTRANCE LIGHT 16635
Grand River 18995
Grand Traverse Bay 18105
GRAND TRAVERSE BAY HARBOR LIGHT 2 15130
GRANDE POINTE 9690
Granite Island Light 14700
GRASSY ISLAND LIGHT 7785
Gravelly Island Shoal Buoy 4 21455
Gravelly Shoal Light 10540
Grays Reef Light 17775
Great Duck Island Light 12685
Great Lakes 20285
GREAT LAKES MARITIME ACADEMY WEST PIER LIGHT 18300
GREAT LAKES STEEL BOAT CLUB SOUTH LIGHT 8130
Great Lakes Steel Shoal Lighted Buoy 1 8140
Green Bay City 22280
Green Bay Harbor 22105
Green Island Buoy 34 17560
GREEN ISLAND LIGHT 5535
Green Island Light 21970
GRENADIER ISLAND TO BARTLETT POINT 1325
Grindstone Channel 10215
Griswold Street Junction Buoy 8200
Gros Cap Reefs Light 14495
GROSSE ILE SOUTH CHANNEL RANGE 7165
Grosse Ile Spit Junction Lighted Buoy 7865
GROSSE ILE YACHT CLUB HARBOR SOUTH ENTRANCE LIGHT 7575
Grosse Point 8665
Grossepoint Light 20190
Grubb Reef Lighted Buoy E8 6820
GULL ISLAND LIGHT 15260
Gull Island Light 21530
Gull Island Shoal Lighted Buoy 4 5600
Gull Rock 15160
GULL ROCK LIGHT 17025

H

HACKETT REACH RANGE 7020
HAFFIE SHOAL LIGHT 1235
HAMMOND BAY HARBOR OF REFUGE EAST BREAKWATER LIGHT 11720
HAMMOND INTAKE CRIB LIGHT 19740
Hammond Shoal Buoy 1330
Harbor Beach 10130
Harbor Cove Marina 15885
Harbor Development Channel 4815

Harbor Island Shoal
Buoy 11 12755
Harbor Springs 17855
Harbor Village Marina 18466
Harborage Marina 18070
HARBOUR PLACE MARINA
NORTH LIGHT 2990
HARBOUR TOWNE ENTRANCE
LIGHT 1 18740
Harlem Reef Buoy 2 16705
Harrison Marina 6310
Harrisville 11325
HARSENS ISLAND LIGHT 11 8645
HARSENS ISLAND LIGHT 17 9650
HARSENS ISLAND RANGE 9655
HARTS LANDING LIGHT 9860
Harwood Point East Range 13190
Haskell Shoal Lighted
Buoy 173 1265
Hat Point Gong Buoy 1 16650
Haters Dock 18050
Hay Point Reef Lighted
Buoy 18A 12955
Hearding Island Channel 15995
Henderson Bay 1940
Hickory Island Channel 7455
HIGHLAND PARK
BREAKWATER LIGHT 20260
Hitchcock Bay Buoy 35 17380
Hog Island Reef Obstruction
Buoy HI 17805
Holland Harbor 19280
HOLLYWOOD AVENUE
BREAKWATER LIGHT 20145
HOOKER ELECTROCHEMICAL
CRIB LIGHT 3325
HORSESHOE ISLAND LIGHT 21815
Houghton Point Lighted
Buoy 6 15300
Howard Island Buoy 7 12720
Howards Bay Buoy 2 16060
HURON BAY LIGHT 14745
Huron Harbor 4475
Huron Island Light 14730
HURON RIVER MOORING
BASIN NORTH LIGHT 4515
Hyde Park Shoal Outside
Buoy 2 19915

I

Ile Aux Galets Light 17795
Ile Parisienne Light 14510
Indian Island Buoy 30 17710
Indian River 11920
Indiana Shoal Lighted
Gong Buoy 2 19625
INTERNATIONAL PAPER EAST
CRIB LIGHT 3505
IRISH BOAT SHOP STOVER
ROAD LIGHT 2 18010
Irondequoit Bay 2280
IROQUOIS LOCK RANGE 705
IRVINE POINT RANGE 1655
ISLE ISIDORE LIGHT 12275
Isle Royale Light 16710

J

JACKSON HARBOR LIGHT 21760
JACKSON PARK OUTER
HARBOR LIGHT 4 19880
Jacksonport Shoal Buoy 2 21225
JARVIS ROCK LIGHT 16910
JERRY`S MARINA RANGE 11275
JOHN E. LAMPE MUNICIPAL
MARINA LIGHT 1 3555
JOHNS-MANVILLE INTAKE
CRIB LIGHT 20350
Johnson Shoal Lighted
Buoy 1 1785
JOHNSONS POINT 13120

K

Kalamazoo River 19455
KEEWAYDIN STATE PARK
BREAKWATER 1385
Kelleys Island Shoal
Lighted Buoy 1 5565
KELLSTONE CRIB LIGHT 5590
Kenosha 20415
KESSEL POINT LIGHT 9835
Kettle Channel 17425
Kewaunee 20950
Keweenaw Upper Entrance 15105
Keweenaw Waterway 14765
King Williams Narrows
Buoy 24 17685
Kipling Channel Buoy 8 21745
Knife River Harbor 16495
Knox Island Daybeacon 37 17570
Kubel Island Buoy 18 17505

L

L`Anse Bay Shoal Buoy 2 14755
LA POINTE LIGHT 15280
LA SALLE YACHT CLUB
PIER EAST LIGHT 3275
LAC LA BELLE SOUTH
PIERHEAD LIGHT 15145
LACKAWANNA EAST
PIERHEAD LIGHT 2925
LAKE COUNTY INNER CRIB
LIGHT 3855
Lake Erie Metropark Boat Launch 7651
LAKE FOREST BREAKWATER
LIGHT 20275
Lake Front Marina 5900
Lake George 13760
Lake George Channel 13820
Lake Huron Cut 10035
Lake Macatawa 19305
LAKE MUSKEGON RANGE 18760
Lake Nicolet (LOWER RANGE) 13355
Lake Nicolet (UPPER RANGE) 13955
LAKE OF THE WOODS 16925
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LAKESIDE ASSOCIATION
DOCK LIGHT 5270
LAKESIDE MARINE INC.
BREAKWATER LIGHT 5275
LAKESIDE YACHT CLUB
ENTRANCE NORTH
LIGHT 4105
LAKEVIEW PARK WEST
LIGHT 4390
Lansing Shoals Light 21535
LAPOINTE HARBOR
DETACHED BREAKWATER
WEST LIGHT 15450
LELAND HARBOR LIGHT 1 18330
Les Cheneaux Island
Lighted Buoy 3 12225
Les Cheneaux Islands Middle Entrance . . 12325
LEWISTON SKI JUMP LIGHT 2525
Lexington Harbor 10095
LILLA HAMMAR LIGHT 1 21875
LILY POND LEADING LIGHT 15085
Lime Barrel Shoal Lighted
Buoy 1 1940
LIMEKILN CROSSING RANGE 7125
Limekiln Crossing Reach Channel 7120
Little Bay De Noc 21630
Little Gull Island Lighted
Bell Buoy 2 21445
LITTLE LAKE HARBOR
LIGHT 2 14540
LITTLE MANITOU ISLAND 15550
Little Rapids Channel 14065
Little Rapids Cut 14045
LITTLE RIVER RANGE 3265
Little Sable Light 18645
Little Traverse Light 17855
Livingstone Channel 7240
Livingstone Channel
Upper Entrance Light 7195
Livingstone Memorial
Lighted Buoy 111 8220
Locke Point Buoy 2 16830
LONG BEACH RANGE 5970
Long Point East Shoal
Buoy 1 17030
Long Point Light 6785
Lorain Harbor 4320
Lower River 12850
Ludington 18530
LUNA PIER MARINA
BREAKWATER LIGHT 1 6450

M

MACKENZIE ISLAND 17305
Mackinac Bay Passage 12410
Mackinac City State Pier
Fog Signal 12190
MACKINAC ISLAND EAST
BREAKWATER LIGHT 2 12545
Mackinaw Bridge 12625
MACKINAW CITY HARBOR
ENTRANCE LIGHT 1 12195
Macomb County Sherrif
Lookout Tower 9030
Madeline Island Lighted
Buoy 4 15290
MADELINE ISLAND MARINA
ENTRANCE SOUTH LIGHT 15440
Main Duck Island Light 2585
Majors Shoal East Buoy 1 12595
Malone Bay 16715
MANHATTAN RANGE 6105
Manistee 18450
Manistique 21475
Manitou Light 15170
Manitou Paymen Shoal
Buoy 2 17735
Manitowoc 20842
Marblehead Light 5250
MARBLEHEAD STONE DOCK
LIGHT 5265
MARIATOWN RANGE 600
Marina Shoal Buoy 3 15560
Marine City 9785
MARINETTE LITTLE RIVER
LIGHT 21980
Marion Island Shoal Buoy 2 18255
Marquette Light 14630
MARTIN DRAIN OUTER
LIGHT 8890
Martin Island Buoy 1 17610
Martin Reef Light 12205
Maumee Bay 6030
Maumee River 6295
McCargoe Cove Entrance
Buoy 1 16810
McCOY ISLAND LIGHT 141 1065
McKAY BAY RANGE 12245
MEDUSA CHANNEL
BREAKWATER LIGHT 18095
MEMORIAL PARK MARINA
WEST ENTRANCE
LIGHTS 8330
Menekaunee Shoal Buoy 6 21960
Menominee 21905
Mentor Harbor 3910
Metro Park Marina 7390
MEXICO POINT LIGHT 2045
Michigan City 19545
Michigan Island Light 15275
Michipicoten Harbor
Light 16855
Middle Bass Island East
Shoal Lighted Bell
Buoy 1 5615
Middle Channel Entrance 9435
Middle Harbor Shoal
Lighted Buoy 1 5375
Middle Island Light 11515

MIDDLE NEEBISH 13375
Middle Neebish Channel 13260
Middle Reefs Lighted Buoy EU4 2975
MIDDLE SISTER ISLAND LIGHT 6875
Millecoquins Inner Reef Buoy 2 21575
Miller Channel 5720
MILLER MEMORIAL LIGHT 8875
Milwaukee 20635
Minneapolis Shoal Light 21610
MISSION POINT LIGHT 18145
Mission Point Lighted Bell Buoy 2 12540
Monroe Harbor 6560
MONTROSE BREAKWATER LIGHT 20105
Monument Shoal Buoy 5 21985
MOON ISLAND LEADING LIGHT 13650
MOORETOWN LIGHT 9890
MORTON SALT COMPANY BOATLOADING NORTH AND SOUTH LIGHTS 3895
Moseley Channel 4570
MOTT ISLAND DOCK LIGHT 16760
Mott Island Shoal East Buoy 16790
Mud Island Junction Lighted Buoy 7895
Muddy Creek 5060
Mullett Lake 11890
MUNISING RANGE 14575
Munuscong Channel 13170
Munuscong Channel (Upbound) 13015
Muscallonge Bay 12480
Muskegon 18705

N

National Gypsum Company 11190
NAUBINWAY ISLAND LIGHT 21580
Navy Point 1855
NEEDLES EYE ISLAND LIGHT 146 1095
New Buffalo 19535
New Shoal Lighted Buoy 1 17740
Newark Island Lighted Buoy 2 2200
Niagara Falls Safety Buoy A 3345
NIAGARA FALLS TRANSMISSION LINE LIGHT B 3295
NIAGARA MOHAWK POWER CORPORATION LIGHT 3285
Niagara Reef Lighted Buoy 5 5540
Nine Mile Point Light 2565
Nine-Foot Shoal Buoy 3 21330
Nipso Obstruction Buoy A 19775
Njord Heim Channel Buoy 21415
NOAA Lighted Weather Buoy 45001 16880
NOAA Lighted Weather Buoy 45002 18310
NOAA Lighted Weather Buoy 45003 11510
NOAA Lighted Weather Buoy 45004 16850
NOAA Lighted Weather Buoy 45005 5555
NOAA Lighted Weather Buoy 45006 16540
NOAA Lighted Weather Buoy 45007 20595
NOAA Lighted Weather Buoy 45008 10010
Nordmeer Wreck Lighted Buoy WR1 11505
North Bass Island 5620
North Bay Entrance South Side Buoy 1 21260
NORTH CHANNEL YACHT CLUB LIGHT 1 9395
North End of Lake Huron 12205
North Graham Shoal Lighted Bell Buoy 3 12605
North Harbor Island Reef Lighted Buoy E13 6865
North Manitou Shoal Light 18340
North Point Buoy 10 11360
NORTHEAST YACHT CLUB OUTER LIGHT 4015
Northerly Island Danger Zone 19935
Northpoint Marina 20390
Northport Marina Entrance Lighted Buoy 1 11175
Northport Point Lighted Bell Buoy 2 18120
NORTHWEST CATAWABA MARINA ENTRANCE LIGHT 1 5857
NORTHWESTERN DOCK LIGHT 12615

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Oak Orchard 2365
OAK POINT LIGHT 17070
OAKHURST PARK MARINA RANGE 10480
OCCIDENTAL INTAKE CRIB LIGHT 3290
OCONTO HARBOR NORTH PIERHEAD LIGHT 2 22015
OGDEN ISLAND RANGE 580
OLD CLUB BREAKWATER LOWER LIGHT 9595
Olson Reef 17185
ONTONAGON HARBOR EAST BREAKWATER LIGHT 15220
OSCEOLA POINT LIGHT 14970
Oswego Harbor 2065
OTTER CREEK RANGE 6480
Outer Island Light 15255
OYSTER BAY MARINA LIGHT 2 18040

P

Painesville Inner Intake Crib Lighted Buoy 1 3905
PARTRIDGE POINT MARINA LIGHT 11365
Passage Island Light 16835
PECHE ISLAND LIGHT 8235
PECHE ISLAND RANGE 8400
Pelee Passage 6795
Pelee Point 6815
PENASSE ISLAND LIGHT 16925
Penny Island Point Lighted Buoy 1 12260
PENSAUKEE HARBOR LIGHT 22035
Pentwater 18620
Pere Marquette Lake 18565
Perry Memorial Monument Light 5670
PESHTIGO REEF LIGHT 21990
Petoskey 17915
PICKEREL CHANNEL ENTRANCE LIGHT 2 12135
Pier 75 Detached Breakwater 6370
PIGEON ISLAND LIGHT 2570
Pike Bay 14895
Pike Island Daybeacon 8 17640
Pilgrim Point Leading Light 14940
Pilot Island Light 21325
Pin Cherry Buoy 38A 17590
Pine Creek Lighted Buoy 2 16930
PINE RIVER LIGHT 3 17945
Pipe Island 12875
PLEASANT POINTE NORTH PIER LIGHT 5255
Plum Island Lighted Buoy 1 21345
PLUM ISLAND RANGE 21305
Poe Reef Light 11750
Point Abbaye Shoal Buoy 6 14735
Point Aux Barques Light 10210
Point Aux Frenes 12960
Point Betsie Light 18370
Point Clark Light 12670
Point Edward Lighted Buoy A66 9975
POINT EDWARD RANGE 10025
Point Huron Lighted Buoy 1PH 8925
Point Iroquois 14465
Point Mouillee 7370
POINT OF WOODS RANGE 13145
Point Parphyry Light 16885
Point Peninsula Lighted Buoy 3 1775
Point Petre Light 2635
Point Retreat Marina 4535
POINT SUPERIOR LIGHT 7 19375
POINT VIVIAN LEADING LIGHT 1400
Pointe Aux Pins Channel 14325
POLLY'S GUT TRAINING DIKE 105
Pomeroy Reef Lighted Gong Buoy 2PR 12210
Port Austin 10275
Port Bay 2145
Port Clinton 5860
Port Inland 21495
Port Ontario 2025
Port Sanilac 10115
Port Sheldon 19270
Port Superior Marina 15465
PORT WING EAST PIER LIGHT 15590
Portage Lake 18415
Porte Des Morts Passage 21300
Potagannissing Bay 12690
POTTAWATOMIE LIGHT 21425
Potter Reef Buoy 1 21570
Powder House Island Junction Buoy 7620
Presque Isle Harbor 11550
Presque Isle Harbor Breakwater Light 14670
Presque Isle Light 3690
PRESQUE ISLE MARINA LIGHT 2 14690
PRINCE EDWARD POINT LIGHT 2630
PRINCESS POINT RANGE 14860
PROCTOR POINT LIGHT 2650
Propeller Island Shoal Buoy 13 12760
Psyche Shoal 2605
Pultneyville Entrance 2220
Pumpkin Point Lighted Buoy QX2 13825
Put-In-Bay 5675
Pyramid Point Shoal Lighted Buoy 5 18350

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Quanicassee River 10490
Quarry Island Buoy 9 12750

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Racine 20470
RAINS WHARF RANGE 13135
RAINY LAKE 17125
Ram Island Buoy 4 17615

Randolph Island Buoy 6 17635
RASPBERRY ISLAND LIGHT 15555
Rawley Point Light 20935
Raynolds Reef Buoy 1 11735
Recors Point 9845
Red Cliff 15530
Red Sucker Island Buoy 4 17155
Refugee Island Shoal Lighted Buoy 139 1050
Rices Point Lighted Buoy 9 15940
Riverfront 8175
Riverside Store 9610
ROBERTS ISLAND 17190
Roberts Landing Lighted Buoy 37 9775
Rochester Harbor 2320
Rock Harbor 16750
Rock Island Passage 21425
Rock of Ages Light 16655
Rock Shoal Lighted Buoy 2 5595
ROCKPORT HARBOR CRIB LIGHT R 11525
ROCKY POINT LIGHT 17055
ROCKY RIVER LIGHT 1 4245
Roggs Island Buoy 8 12745
Rouge River Canal Entrance Lighted Buoy 2 8160
ROULEAU POINT RANGE 15040
Round Island 14420
ROUND ISLAND LIGHT 12940
Round Island Lighted Buoy 3 12575
Round Island Passage 12540
Round Lake Special Anchorage Buoy A 17930
Rowley Bay 21275
ROYAL ISLAND 1070
Russell Island Light 9725
Russell Island Shoal Lighted Buoy RI 9745

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SACKETS HARBOR LIGHT 1850
SADLER SAILING BASIN ENTRANCE LIGHT 1 4790
Saginaw Bay Channel 10550
Saginaw Point Daybeacon 16785
Sailors Encampment Channel 13100
SAND ISLAND LIGHT 15580
Sand Point 10375
SAND POINT LIGHT 14750
Sand Point Lighted Bell Buoy 3 14590
Sandusky Bay Channel 4990
Sandusky Bay Exit Channel 4710
Sandusky Harbor 4560
Sandusky River 5090
Sandusky Straight Channel 4625
Sandy Creek 6685
Sarnia Breakwater Junction Lighted Buoy AHB 9970
Sassy Marine 9405
Saugatuck 19445
SAUNDERS POINT LIGHT 21735
SAWMILL CREEK ENTRANCE EAST LIGHT 4525
Sawmill Point Lighted Buoy 23 13640
SAXON HARBOR EAST BREAKWATER LIGHT 15245
Scammons Harbor Buoy 3 12265
Schneider Marina Buoy 1 9635
SCHROCKS MARINA EAST BREAKWATER LIGHT 5285
SCOTCH BONNET ISLAND LIGHT 2645
Scott Middle Ground 8280
Scott Point Shoal Lighted Buoy 1 5520
SCUDDER BREAKWATER LIGHT 6845
SCUDDER WHARF LIGHT 6850
Selfridge Field 9140
Seneca Shoal Lighted Buoy 2 3360
Seul Choix Point Light 21490
Sexton Island Buoy 20 17510
Sheboygan 20805
Sherwood Point Light 22000
Sherwood Point Lighted Buoy 7 21995
Shipyard Island Marina 21390
Silver Bay 16550
Simmons Reef Lighted Bell Buoy 2 17760
Sims Point Buoy 2 12870
Siskiwit Bay Passage 16685
Sister Shoals 21810
Six Mile Point Lighted Buoy 87 14005
SIX MILE POINT RANGE 14045
SKELETON ISLAND LIGHT 138 1045
Slate Islands Light 16865
Sleeping Bear Lighted Bell Buoy 7 18365
SNUG HARBOR DOCK LIGHT 16765
Sodus Bay 2170
South Bass Island Light 5530
South Boulevard Branch Warning Daybeacons 20170
South Channel 11720
South Charity Shoal Lighted Buoy M6 2575
South Fox Island Shoals Buoy 3 18315
South Graham Shoal 12635
South Haven 19505
South Manitou Island Shoal Lighted Gong Buoy 8 18360
South Park Shoal Buoy 6 19905
South Passage to Maumee Bay 5170
South Shore 17255
SOUTH SHORE PARK BREAKWATER LIGHT 20725
South Side 5780
SOUTHEAST BEND LIGHT 16 9645
Southeast Shoal Light 6795
Southwest Drisco Shoal Lighted Buoy DA 21605
Spectacle Reef Light 11730
Spider Reef 21280
SPRING STREET PIERHEAD 17870
SQUAW ISLAND LIGHT 12 5085
SQUAW ISLAND LIGHT 4 12895
Squaw Island Shoal Buoy 2 21560
Squaw Narrows Daybeacon 4 17460
SQUIRREL ISLAND RANGE 8580
St. Clair Cut-Off Channel 8590
St. Clair Flats Canal 9570
ST. CLAIR FLATS CANAL RANGE 8535
St. Clair Flats Old Channel 9530
St. Clair Middle Ground Lighted Buoy 48 9875
St. Clair River 9755
ST. CLAIR RIVER LIGHT A26 9700
ST. CLAIR/BLACK RIVER JUNCTION LIGHT 9965
ST. HELENA LIGHT 17720
ST. IGNACE MARINA LIGHT 12610
St. James Harbor 17815
St. Joseph 19515
St. Lawrence Seaway 5
St. Louis Bay Cross Channel 16090
St. Louis River Upper Channel 16175
St. Martin Island Light 21450
Stag Island North Cardinal Lighted Buoy AM 9940
STAG ISLAND SHOAL LIGHT 9910
Stannard Rock Light 14725
Starboard Lagoon Obstruction Lighted Buoy 8250
Starve Island Reef Lighted Buoy 2 5525
STATE PARK MARINA ENTRANCE LIGHT 1 5440
STATE STREET PIER LIGHT 17865
Sterling State Park 6615
STOCKTON ISLAND HARBOR EAST ENTRANCE LIGHT 15265
STOKES POINT WHARF LIGHT 9830
Stoneport Light 11530
Stoney Point Reef Buoy 2 16985
Stony Creek Channel 6635
Stony Island Buoy 8 7650
Stony Island Lighted Buoy 2 1770
STONY POINT LIGHT 2010
Stony Point Shoal Lighted Bell Buoy 1 17850
STONYCROFT POINT LIGHT 11500
STOVIN ISLAND LIGHT 145 1090
Strawberry Channel 21820
Strawberry Creek Channel Entrance 21075
Strawberry Island Cut 2985
STRIBLING POINT UPBOUND RANGE 13260
Sturgeon Bay Ship Canal 20995
Sturgeon Bay Shoal Buoy 2 12705
STURGEON POINT LIGHT 3365
Sturgeon Point Light 11345
Suamico Lighted Buoy 1 22055
Sugar Island Leading Light 14040
Sugar Island North Channel 13905
Sugar Point Rock Buoy 2 16980
SUMMER ISLAND LIGHT 21465
Superior Entry 15595
Superior Harbor Basin 15660
Surveyor`s Island Daybeacon 43 17420
Suttons Bay 18190
Sweetnose Island Daybeacon 23 17520
SWEETS POINT LIGHT 13 12905

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Taconite Harbor 16585
Tawas 11240
Third Street Junction 8195
Thomas Edison Bridge Shoal Buoy A 4995
Thunder Bay 16905
Thunder Bay Island Light 11495
Thunder Bay Traffic Lighted Bell Buoy 11355
THUNDER CAPE LIGHT 16905
Tibbetts Point Light 1735
Tobin Reef Buoy 1 12215
Toledo Beach Marina 6460
TOLEDO WATER WORKS INTAKE CRIB LIGHTS 6025
Tonawanda Channel 3140
TOTAL PETRO. LIGHT 18285
TOUSSAINT ISLAND WEST LIGHT 770
Toussaint River 5920
Traverse Shoal Lighted Buoy K14 2625
Trenton Channel 7945
Trout Island Shoal Buoy 5 21545
Trout Point Lighted Bell Buoy 2 14585
Trowbridge Island Light 16890

Tucker Point Shoal Buoy 1 18250
Two Harbors 16500
Two Rivers 20925

U

U.S. STEEL CORPORATION
MOORING CELL LIGHT 4385
UNION CANAL 2935

V

Vermilion 4430
Verplank Channel Buoy 2 18900
Vidal Shoals 14305
Vidal Shoals Channel 14230
Vinette Co. Buoy 2 21670
VOYAGEURS NATIONAL
PARK BREAKWATER
LIGHT 17620

W

WALBRIDGE PARK RANGE 6410
WALNUT CREEK
BREAKWATER LIGHT 3695
Walpole Island Light 9720
WALSTROM MARINE LIGHT 1 17895
WARD CANAL EAST JETTY
LIGHT 1 6000
Warroad Lighted Buoy 2 17005
WASHBURN HARBOR SOUTH
BREAKWATER 15420
WATERWORKS INTAKE CRIB 8350
WATSON REEFS LIGHT 9A 12850
Waukegan 20305
Wautoma Shoal Lighted
Buoy 1 2355
Waverly Shoal Lighted
Bell Buoy 5 21335
Weaver Shoal Anchorage
Area E Lighted
Buoy XA 375
WEAVER SHOAL RANGE 495
West Harbor 5380
West Neebish Channel (Downbound) 13470
WEST SHORE WATER SKI
RAMP LIGHT 5015
WEST SISTER ISLAND LIGHT 5550
WESTCOTT BEACH STATE
PARK LIGHT 1 1945
Whaleback Shoal East
End Lighted Bell
Buoy 4 21775
WHEELER POINT LIGHT 12 17087
WHIHALA BEACH
BREAKWATER LIGHT 1 19715
Whiskey Island Shoal
Buoy 6 21550
White Lake 18650
White Shoal Light 17750
Whitefish Point Light 14530
Whitefish Point Shoal
Buoy 10 21220
Whitney Bay 12780
Wildfowl Bay Channel
Lighted Buoy 1 10380
Wildwood Park 3975
WILLIAM E. DEVER CRIB
LIGHT 20040
William Livingstone
Memorial Light 8240
William Shoal Lighted
Buoy K11 2610
Williams Landing Buoy 1 14610
WILLIS CRIB DOCK LIGHT 3490
Willow Point Buoy A 5020
WILLOW POINT LIGHT 9770
Wilmette Harbor 20225
WILSON AVENUE
BREAKWATER LIGHT 20130
WILSON HILL RANGE 360
Wind Point Light 20605
WINDIGO DOCK LIGHT 16675
Windmill Point Light 8260
WINDMILL POINT PARK
BREAKWATER OUTER
LIGHT 8265
WINTER POINT RANGE 13015
Wisconsin Electric Power
Company Lighted
Buoy 3 14685
Wolfe Island Cut 1575
Wreck Island Buoy 6 12715
Wyandotte Channel 7835

Y

York Island Shoals
Lighted Bell Buoy 1 15570

Z

Zela Shoal Buoy 6 12185
ZEPHYR CO. LIGHT 18280
Zion Intake 20355
Zipple Bay 17035

Inter.	—	U.S.
H2601		10
H2601.4		20
H2604		65
H2606		70
H2608		75
H2616		105
H2616.2		110
H2616.4		115
H2620		130
H2621		135
H2622		140
H2623		145
H2624		150
H2626		160
H2626.2		165
H2628		170
H2629		175
H2630		180
H2631		185
H2631.2		190
H2634		210
H2635		215
H2637		220
H2638		225
H2642		245
H2643		250
H2644		255
H2645		260
H2646		265
H2648		270
H2649		275
H2653		290
H2661		320
H2662		325
H2664		335
H2665		340
H2665.4		345
H2666		360
H2666.1		365
H2669		495
H2669.1		500
H2670		390
H2671		395
H2672		400
H2673		415
H2674		515
H2674.1		520
H2675		485
H2677		510
H2679		425
H2679.1		430
H2680		530
H2681		535
H2682		580
H2682.1		585
H2692		595
H2693		600
H2693.1		605
H2706		705
H2706.1		710
H2707		725
H2707.1		730
H2709		745
H2709.4		810
H2709.41		815
H2710		765
H2710.4		770
H2712		780
H2716		820
H2718		840
H2720		870
H2720.1		875
H2721		880
H2721.1		885
H2723		910
H2723.4		955
H2725		895
H2742		1040
H2744		1045
H2746		1065
H2747		1070
H2748		1075
H2750		1090
H2751		1095
H2754		1110
H2754.1		1115
H2756		1120
H2760		1140
H2764		1180
H2766		1195
H2768		1205
H2769		1210
H2770		1225
H2771		1230
H2774		1250
H2775		1235
H2778		1280
H2779		1285
H2780		1290
H2782		1305
H2783		1310
H2784		1320
H2785		1325
H2786		1335
H2787		1340
H2788		1345
H2789		1360
H2790		1365
H2791		1370
H2791.4		1375
H2792		1380
H2793		1390
H2794		1400
H2795		1405
H2796		1410
H2797		1420
H2798		1425
H2800		1430
H2801		1445
H2804		1465
H2805		1470
H2807		1505
H2808		1515
H2812		1550
H2813		1560
H2816		1570
H2818		1605
H2820		1610
H2824		1655
H2824.1		1660
H2826		1635
H2828		1670
H2831		1705
H2832		1700