



LIGHT LIST

Volume VI

PACIFIC COAST AND PACIFIC ISLANDS

Pacific Coast and outlying Pacific Islands

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

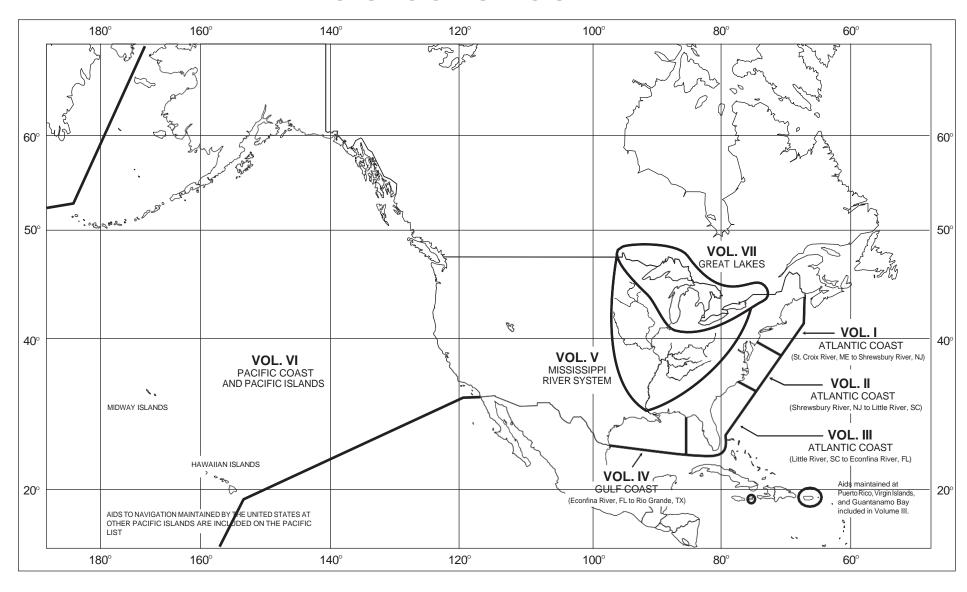
IMPORTANT
THIS SHOULD BE CORRECTED
EACH WEEK FROM THE LOCAL NOTICES TO MARINERS
OR NOTICES TO MARINERS AS APPROPRIATE.

2024

COMDTPUB P16502.6

LIMITS OF LIGHT LISTS PUBLISHED BY

U.S. COAST GUARD

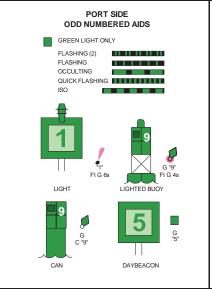




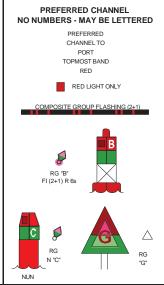
U.S. AIDS TO NAVIGATION SYSTEM

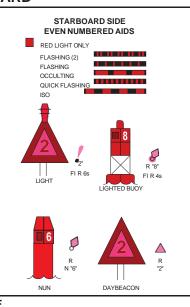
on navigable waters except Western Rivers

LATERAL SYSTEM AS SEEN ENTERING FROM SEAWARD

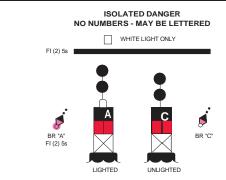


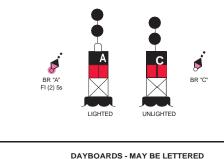


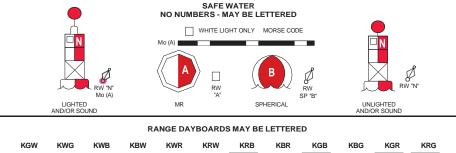


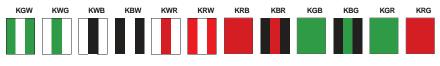


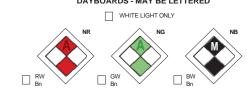
AIDS TO NAVIGATION HAVING NO LATERAL SIGNIFICANCE

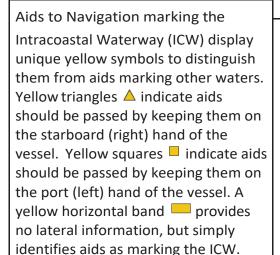


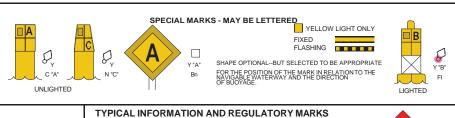


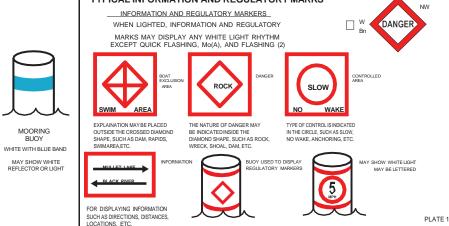


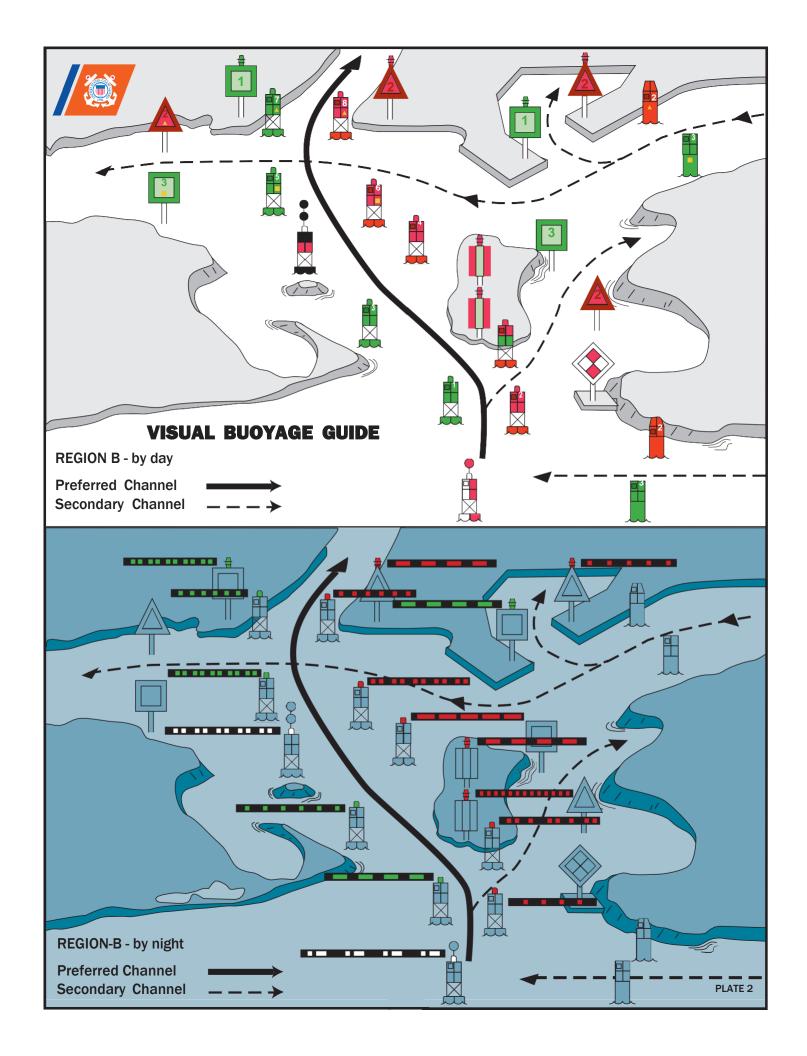


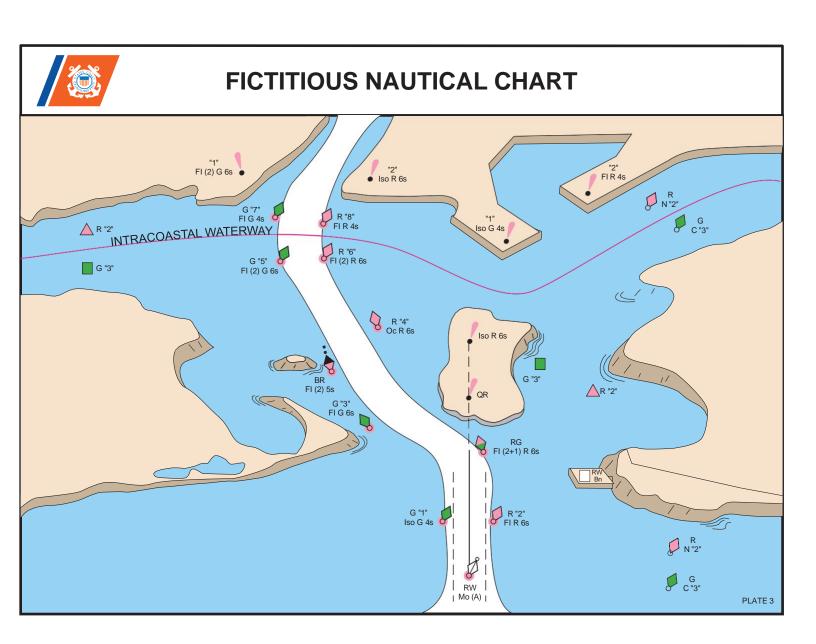










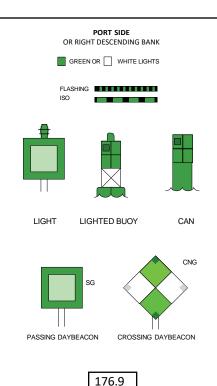




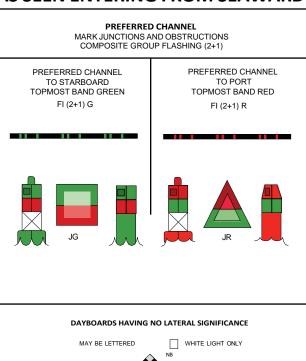
U.S.AIDS TO NAVIGATION SYSTEM

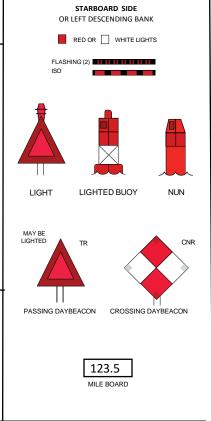
on the Western River System

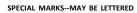
AS SEEN ENTERING FROM SEAWARD

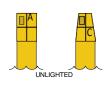


MILE BOARD













DANGER

SHAPE: OPTIONAL-BUT SELECTED TO BE APPROPRIATE FOR THE POSITION OF THE MARK IN RELATION TO THE NAVIGABLE WATERWAY AND THE DIRECTION OF BUOYAGE

CONTROLLED

AREA





TYPICAL INFORMATION AND REGULATORY MARKS

INFORMATION AND REGULATORY MARKERS

WHEN LIGHTED, INFORMATION AND REGULATORY MARKS MAY DISPLAYANY LIGHT RHYTHM EXCEPT QUICK FLASHING, Mo(a) AND FLASHING (2)



EXPLAINATION MAY BE PLACED OUTSIDE THE CROSSED DIAMOND SHAPE, SUCH AS DAM, RAPIDS, SWIM AREA, ETC.

FOR DISPLAYING INFORMATION

SUCH AS DIRECTIONS, DISTANCES, LOCATIONS, ETC.

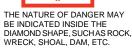
MULLE T LAK E

BL AC K R IVER



INFORMATION







BUOY USED TO DISPLAY REGULATORY MARKERS

NW | WHITE LIGHT ONLY



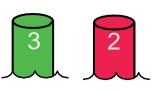


TYPE OF CONTROL IS INDICATED IN THE CIRCLE, SUCH AS SLOW, NO WAKE, ANCHORING, ETC.



MAY SHOW WHITE LIGHT MAY BE LETTERED

STATE WATERS



INLAND (S TATE) WATE R S OB S TR UC TION MAR K MAY SHOW WHITE REFLECTOR OR QUICK FLASHING WHITE LIGHT

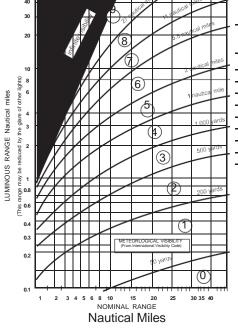


Used to indicate an obstruction to navigation, extends from the nearest shore to the buoy. This means "do not pass between the buoy and the nearest shore." This aid is replacing the red and white striped buoy within the USWMS, but cannot be used until all red and white striped buoys on a waterway have been replaced.

LUMINOUS RANGE DIAGRAM

The nominal range given in this Light List is the maximum distance a given light can be seen when the meteorological visibility is 10 nautical miles. If the existing visibility is less than 10 NM, the range at which the light can be seen will be reduced below its nominal range. And, if the visibility is greater than 10 NM, the light can be seen at greater distances. The distance at which a light may be expected to be seen in the prevailing visibility is called its luminous range.

This diagram enables the mariner to determine the approximate luminous range of a light when the nominal range and the prevailing meteorological visibility are known. The diagram is entered from the bottom border using the nominal range listed in column 6 of this book. The intersection of the nominal range with the appropriate visibility curve (or, more often, a point between two curves) yields, by moving horizontally to the left border, the luminous range.



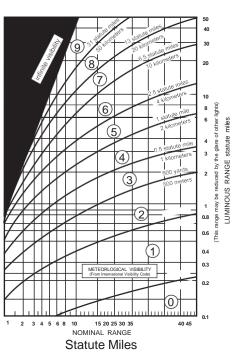
METEOROLOGICAL VISIBILITY (From International Visibility Code)

Code	Metric	Nautical (approximate)
0	less than 50 meters	less than 50 yards
1	50-200 meters	50-200 yards
2	200-500 meters	200-500 yards
3	500-1,000 meters	500-1,000 yards
4	1-2 kilometers	1,000-2,000 yards
5	2-4 kilometers	1-2 nautical miles
6	4-10 kilometers	2-5.5 nautical miles
7	10-20 kilometers	5.5-11 nautical miles
8	20-50 kilometers	11-27 nautical miles
9	greater than 50 km	greater than 27 nm

CAUTION

When usingthis diagram it must be remembered that:

- 1. The ranges obtained are approximate.
- 2. The transparency of the atmosphere may vary between observer and light.
- 3. Glare from background lighting will reduce the range that lights are sighted.
- The rolling motion of a vessel and/or of a lighted aid may reduce the distance that lights can be detected or identified.



GEOGRAPHIC RANGE TABLE

The following table gives the approximate geographic range of visibility for an object which may be seen by an observer at sea level. It is necessary to add to the distance for the height of any object the distance corresponding to the height of the observer's eye above sea level.

Height Feet/Meters	Distance Nautical Miles(NM)	Height Feet/Meters	Distance Nautical Miles(NM)	Height Feet/Meters	Distance Nautical Miles (NM)
5/1.5	2.6	70/21.3	9.8	250/76.2	18.5
10/3.1	3.7	75/22.9	10.1	300/91.4	20.3
15/4.6	4.5	80/24.4	10.5	350/106.7	21.9
20/6.1	5.2	85/25.9	10.8	400/121.9	23.4
25/7.6	5.9	90/27.4	11.1	450/137.2	24.8
30/9.1	6.4	95/29.0	11.4	500/152.4	26.2
35/10.7	6.9	100/30.5	11.7	550/167.6	27.4
40/12.2	7.4	110/33.5	12.3	600/182.9	28.7
45/13.7	7.8	120/36.6	12.8	650/198.1	29.8
50/15.2	8.3	130/39.6	13.3	700/213.4	31.0
55/16.8	8.7	140/42.7	13.8	800/243.8	33.1
60/18.3	9.1	150/45.7	14.3	900/274.3	35.1
65/19.8	9.4	200/61.0	16.5	1000/304.8	37.0

Example: Determine the geographic visibility of an object, with a height above water of 65 feet, for an observer with a height of eye of 35 feet.

Enter above table;

Height of object 65 feet= 9.4 NM Height of observer 35 feet= 6.9 NM Computed geographic visibility= 16.3 NM



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Introduction	viii
NAIS/LOMA base station list	xl
SEACOAST	
California Oregon Washington British Columbia Alaska Pacific Ocean	
BAYS, RIVERS, AND HARBORS	
San Diego. Los Angeles and Long Beach Harbor San Francisco Bay. Humboldt Bay Coos Bay Columbia River. Snake River Grays Harbor. Strait of Juan de Fuca – Puget Sound. Strait of Georgia Dixon Entrance Stephens Passage Prince William Sound. Cook Inlet Alaska Peninsula. Hawaii Pacific Islands.	
INDEX	Index1
CROSSREFERENCE	



Federal AIS ATON Broadcast Sites



The following is a description of the geographic coverage of each volume:

Volume	Coast Guard District(s)	Geographic Description	
I	First Coast Guard District 408 Atlantic Avenue Boston, MA 02110-3350 Tel: 617-223-8356 http://www.uscg.mil/d1	Maine, New Hampshire, Massachusetts, Vermont (Lake Champlain), Rhode Island, Connecticut and New York to Shrewsbury River, New Jersey.	
п	Fifth Coast Guard District Federal Building 431 Crawford Street Portsmouth, VA 23704-5004 Tel: (757)398-6486 (757) 398-6552 http://www.uscg.mil/d5	Shrewsbury River, New Jersey to Little River South Carolina.	
Ш	Seventh Coast Guard District Brickell Plaza Federal Building 909 SE 1st Avenue; Rm:406 Miami, FL 33131-3050 Tel: (305) 415-6752 or (305) 415-6800 http://www.uscg.mil/d7	South Carolina, Georgia, Florida to Econfina River (083°50' W), and Puerto Rico and the U.S. Virgin Islands.	
IV	Eight Coast Guard District Hale Boggs Federal Building 500 Poydras Street	Econfina River (083°50' W), Florida to Rio Grande, Texas.	
V	New Orleans, LA 70130-3310 Tel: (504) 671-2327 (504) 671-2137 http://www.uscg.mil/d8	Mississippi River system and its navigable tributaries, Tenn-Tom Waterway, Alabama, Atchafalaya, and the Apalachicola-Chattahoochee-Flint River Systems.	
VI	Eleventh Coast Guard District (California, Nevada, Utah, Arizona) Coast Guard Island Building 50-2 Alameda, CA 94501-5100 Tel: (510) 437-2975 http://www.uscg.mil/d11 Thirteenth Coast Guard District (Oregon, Washington, Idaho, Montana) Federal Building, 915 Second Avenue, Suite 3510 Seattle, WA 98174-1067 Tel: (206) 220-7280 (206) 220-7001 http://www.uscg.mil/d13		
	Fourteenth Coast Guard District (Hawaiian, American Samoa, Marshall, Marianas, and Caroline Islands) Prince Kalanianaole Federal Bldg. 300 Ala Moana Blvd 9th Floor, Room 9-220 Honolulu, HI 96850-4982 Tel: (808) 535-3409 (808) 535-3414 http://www.uscg.mil/d14	Pacific Coast, Pacific Islands, and the Coast of Alaska.	
	Seventeenth Coast Guard District (Alaska) PO Box 25517 Juneau, AK 99802-5517 Tel: (907) 463-2269 http://www.uscg.mil/d17		
VII	Ninth Coast Guard District 1240 East 9th Street Cleveland, OH 44199-2060 Tel: (216)902-6060 or (216) 902-6117 http://www.uscg.mil/d9	Great Lakes and the St. Lawrence River above the St. Regis River.	

U. S. COAST GUARD ELEVENTH DISTRICT UNIT LISTING

AIDS TO NAVIGATION TEAMS

ANT HUMBOLDT BAY

200 New Navy Base Rd Bldg 8 Samoa, CA 95564-9999 Tel:(707) 269-2550

ANT SAN FRANCISCO

Yerba Buena Island San Francisco, CA 94130-5013 Tel:(415) 399-3515

BUOY TENDERS

USCGC ALDER (WLB 216) c/o

Coast Guard Base Yerba Buena Island San Francisco, CA 94130-5013 Tel: (415) 399-3590/91/92 Tel:(310) 521-3890

San Pedro, CA 90731

ANT SAN DIEGO 2710 Harbor Drive North San Diego, CA

92101-1079 Tel:(619) 683-6358

USCGC GEORGE COBB (WLM 564)

ANT LOS ANGELES/LONG BEACH

1001 South Seaside Avenue Bldg 22

1001South Seaside Avenue San Pedro, CA 90731

Tel:(310) 521-4580

U. S. COAST GUARD THIRTEENTH DISTRICT UNIT LISTING

AIDS TO NAVIGATION TEAMS

ANT ASTORIA

Tongue Point Facility Astoria, OR 97103-2099 Tel:(503) 325-3301

ANT KENNEWICK

434 Clover Island Kennewick, WA 99336-3784 Tel:(509) 586-1110 ANT COOS BAY

PO Box 5650 Charleston, OR 97420-0627 Tel:(541) 888-3441

ANT PUGET SOUND

1519 Alaskan Way South Seattle, WA 98134-1192 Tel:(206) 217-6918

BUOY TENDERS

USCGC BLUEBELL (WLI-313)

6767 North Basin Avenue Portland, OR 97217-3992 Tel:(503) 240-9362 **USCGC ELM**

c/o CG Base Tongue Point Astoria, OR 97103 Tel:(503) 325-1601

USCGC HENRY BLAKE (WLM-563)

Naval Station Everett 2000 West Marine View Drive Everett, WA 98207 Tel:(425) 304-5740

U. S. COAST GUARD FOURTEENTH DISTRICT UNIT LISTING

AIDS TO NAVIGATION TEAM

ANT Honolulu

400 Sand Island Access Road Honolulu, HI 96819-4398 Tel:(808) 842-2851

BUOY TENDERS

USCGC HICKORY (WLB 212) FPO AP

96678-3922 Tel:(671) 355-4885

USCGC HOLLYHOCK (WLB 214) 400

Sand Island Parkway Honolulu, HI 96819-4398 Tel: (808) 842-2865

USCGC JUNIPER (WLB 201) 400

Sand Island Parkway Honolulu, HI 96819-4398 Tel: (808) 842-2865

U. S. COAST GUARD SEVENTEENTH DISTRICT UNIT LISTING

AIDS TO NAVIGATION TEAMS

ANT KODIAK P.O.

BOX 195098 Kodiak, AK 99619-5098

Tel:(907) 487-5181

ANT SITKA

613 Airport Road Sitka, AK 99835

Tel:(907) 966-5410

BUOY TENDERS

USCGC ANTHONY PETIT (WLM 558)

1340 Stedman Street Ketchikan, AK

99901

Tel:(907) 228-0356

USCGC ELDERBERRY (WLI

65401) PO Box 550 Petersburg, AK

99833-0550

Tel:(907) 772-4225

USCGC ASPEN (WLB 208)

4688 Homer Spit Rd. Homer, AK 99603-8001

Tel:(907) 235-5233

USCGC KUKUI (WLB 203) 1480

Seward Avenue Sitka, AK 99835-9454 Tel:(907) 966-5470

USCGC CYPRESS (WLB 210)

PO Box 190651 c/o CG ISC Kodiak, AK 99169-0651 Tel:(907) 487-5344

USCGC FIR (WLB 213)

PO Box 300 Cordova,AK 99574

Tel:(907) 424-3434

Light List Volume VI

This Light List is corrected through Coast Guard District Local Notice to Mariners No. 53/23, and National Geospatial-Intelligence Agency (NGA) Notice to Mariners No. 53/23.

The 2024 edition supersedes the 2023 edition.

RECORD OF CORRECTIONS YEAR 2024

1/24	2/24	3/24	4/24	5/24	6/24	7/24	8/24
9/24	10/24	11/24	12/24	13/24	14/24	15/24	16/24
17/24	18/24	19/24	20/24	21/24	22/24	23/24	24/24
25/24	26/24	27/24	28/24	29/24	30/24	31/24	32/24
33/24	34/24	35/24	36/24	37/24	38/24	39/24	40/24
41/24	42/24	43/24	44/24	45/24	46/24	47/24	48/24
49/24	50/24	51/24	52/24	53/24			

PREFACE

Lights and other marine aids to navigation maintained by or under authority of the U.S. Coast Guard and located on waters used by general navigation are described in the 7 volumes of the U.S. Light List. The Light List describes many aids to navigation owned or maintained by private entities; however, not all such aids are described.

The following is a description of the geographic coverage of each volume:

Volume	Coast Guard District(s)	Geographic Description
I	First Coast Guard District 408 Atlantic Avenue Boston, MA 02110-3350 Tel: 617-223-8356 http://www.useg.mil/d1	Maine, New Hampshire, Massachusetts, Vermont (Lake Champlain), Rhode Island, Connecticut and New York to Shrewsbury River, New Jersey.
П	Fifth Coast Guard District Federal Building 431 Crawford Street Portsmouth, VA 23704-5004 Tel: (757)398-6486 (757) 398-6552 http://www.useg.mil/d5	Shrewsbury River, New Jersey to Little River South Carolina.
Ш	Seventh Coast Guard District Brickell Plaza Federal Building 909 SE 1st Avenue; Rm:406 Miami, FL 33131-3050 Tel: (305) 415-6752 or (305) 415-6800 http://www.uscg.mil/d7	South Carolina, Georgia, Florida to Econfina River (083°50' W), and Puerto Rico and the U.S. Virgin Islands.
IV	Eight Coast Guard District	Econfina River (083°50' W), Florida to Rio Grande, Texas.
V	Hale Boggs Federal Building 500 Poydras Street New Orleans, LA 70130-3310 Tel: (504) 671-2327 (504) 671-2137 http://www.uscg.mil/d8	Mississippi River system and its navigable tributaries, Tenn-Tom Waterway, Alabama, Atchafalaya, and the Apalachicola-Chattahoochee-Flint River Systems.
VI	Eleventh Coast Guard District (California, Nevada, Utah, Arizona) Coast Guard Island Building 50-2 Alameda, CA 94501-5100 Tel: (510) 437-2975 http://www.uscg.mil/d11 Thirteenth Coast Guard District (Oregon, Washington, Idaho, Montana) Federal Building 915 Second Avenue 35th Floor, Rm3510 Seattle, WA 98174-1067 Tel: (206)220-7270 (206) 220-7004 http://www.uscg.mil/d13 Seventeenth Coast Guard District (Alaska) PO Box 25517 Juneau, AK 99802-5517 Tel: (907)463-2029 or (907) 463-2269 http://www.uscg.mil/d17	Pacific Coast, Pacific Islands, and the Coast of Alaska.
VII	Ninth Coast Guard District 1240 East 9th Street Cleveland, OH 44199-2060 Tel: (216)902-6060 or (216) 902-6117 http://www.uscg.mil/d9	Great Lakes and the St. Lawrence River above the St. Regis River.

CAUTION: Mariners attempting to pass a buoy close aboard risk collision with a yawing buoy or with the obstruction that the buoy marks. Mariners must not rely on buoys alone for determining their positions due to factors limiting buoy reliability.

PRIVATE AIDS TO NAVIGATION

Class I aids to navigation: These are aids located on marine structures or other works that the owners are legally obligated to establish, maintain, and operate as prescribed by the Coast Guard. These are included in the Light List.

Class II aids to navigation: These are aids, exclusive of Class I, that are located in waters used by general navigation. These are included in the Light List.

Class III aids to navigation: These are aids, exclusive of Class I and Class II that are located in waters not ordinarily used by general navigation. These are not included in the Light List.

LIGHT LIST AVAILABILITY

This Light List is annually published in electronic format and is intended to furnish more information concerning aids to navigation than can be conveniently shown on charts (U.S. Coast Guard Light List volumes can be found US Coast Guard Navigation Center website (USCG Light Lists). This Light List is not intended to be used in place of charts or the United States Coast Pilot®. 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.

Note: NOAA has announced the phased shutdown of its traditional paper and raster chart production system. Cancellation of traditional NOAA paper nautical charts, RNCs, and other associated raster chart products will begin in 2021 and will be completed by January 2025. Use NOAA ENCs for the most upto-date information.

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 advertised in U.S. Coast Guard Local Notices to Mariners and National Geospatial-Intelligence Agency (NGA) Notices to Mariners. Important changes to aids to navigation may also be broadcast through Coast Guard or Naval radio stations and NAVTEX. Mariners should keep their Light Lists corrected from these notices and should consult all notices issued after the date of publication of this Light List. Additionally, the U.S. Coast Guard maintains weekly updated Light Lists corrected through the current LNM week and are available in **XML** and **PDF** on the Weekly Light List Page of the U.S. Coast Guard Navigation Center (NAVCEN) website.

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 advertised in the Local Notice to Mariners and the Notice to Mariners. These corrections must be applied 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 cognizant U.S. Coast Guard District or NAVCEN at <u>TIS-PF-NISWS@USCG.MIL</u>

INTRODUCTION

How the Light List is Arranged

Aids to navigation on the Coastal United States are listed in geographic order clockwise from north to south along the Atlantic coast, east to west along the Gulf of Mexico, and south to north along the Pacific coast. On the Great Lakes, aids to navigation are listed from east to west and from south to north, except on Lake Michigan, which is listed from north to south. Seacoast aids to navigation are listed first, followed by entrance and harbor aids to navigation, which are listed in the order proceeding towards the head of navigation from seaward.

Names of aids to navigation are printed as follows to help distinguish immediately the type of aid to navigation.

Seacoast/Lake Coast Lights
Secondary Lights, RACONS
Sound Signals
RIVER, HARBOR, OTHER LIGHTS, V-AIS
Lighted Buoys
Daybeacons, Unlighted Buoys

Light List numbers are assigned to all Federal and Private aids to navigation for reference in the Light List. Aids to navigation are generally numbered by fives in accordance with their order of appearance in each volume of the Light List. Other numbers and decimal fractions are assigned where newly established aids to navigation are listed between previously numbered aids to navigation. The Light Lists are renumbered periodically to assign whole numbers to all aids to navigation.

International numbers are assigned to certain aids to navigation in cooperation with the International Hydrographic Organization. They consist of an alphabetic character followed by three or four numeric characters. A cross reference listing appears after the index.

Description of Columns

Column (1): Light List Number.

Column (2): Name and location of the aid to navigation.

Bearings are in degrees true, read clockwise from 000° through 359°.

Bearings on range lines are given in degrees and tenths where applicable.

(C) indicates Canadian aid to navigation.

Note: A dash (-) is used to indicate the bold heading is part of the name of the aid to navigation. When reporting discrepancies or making references to such an aid to navigation in correspondence, the full name of the aid including the geographic heading, should be given.

- Column (3): Geographic position (WGS-84) of the aid to navigation in latitude and longitude.
- Column (4): Light characteristic for lighted aids to navigation.
- Column (5): Height above water from the focal plane of the fixed light to mean high water, listed in feet. -For Volume 5 (Western Rivers), height above water is not indicated for aids to navigation. Clearances for bridges, etc. are contained in the remarks column and indicate water level for each instance.

For Volume 7 (Great Lakes), height above water from the focal plane of the fixed light to low water datum, listed in feet and meters.

Column (6): Nominal range of lighted aids to navigation, in nautical miles, listed by color for sector and passing lights. Nominal Range is not listed for ranges, directional lights, or private aids to navigation.

For Volume 7 (Great Lakes), nominal range is expressed in statute miles.

- Column (7): The structural characteristic of the aid to navigation, including: dayboard (if any), description of fixed structure, color and type of buoy, height of structure above ground for major lights.
- Column (8): Aid remarks, sound signal characteristics, including: VHF-FM channel if remotely activated, RACON characteristic, light sector arc of visibility, radar reflector, emergency lights, seasonal remarks, and private aid to navigation identification. AIS specific information may include its unique Maritime Mobile Service Identity (MMSI), the MMSI(s) of its source AIS transmission, and the application identifier of any Application Specific Messages (ASM) it may also be transmitting.

U.S. Coast Guard Light List Distribution

U.S. Regulations require that most commercial vessels maintain on board a currently corrected copy or pertinent extract of the U.S. Coast Guard Light Lists, which are available for free and are updated weekly on the Coast Guard Navigation Center's website at <u>USCG NAVCEN</u>. For our policy on the use of electronic publications and charts, see Navigation and Vessel Inspection Circular (NVIC) 01-16 CH-2 which can be found here: https://www.dco.uscg.mil/Our-Organization/NVIC/Year/2010/.

Nautical Charts & Publications

Nautical charts covering the coastal waters of the United States and its territories are produced by the National Oceanic and Atmospheric Administration (NOAA). These chart products include the NOAA electronic navigational chart (NOAA ENC®), NOAA raster navigational chart (NOAA RNC®), and traditional nautical charts. Information about **ENCs** may be found paper here: https://nauticalcharts.noaa.gov/charts/noaa-enc.html. Information about paper nautical charts and associated raster chart products may be found here: https://nauticalcharts.noaa.gov/charts/noaa-rastercharts.html.

ENCs, RNCs, and traditional chart images may be downloaded from the NOAA Chart Locator at: https://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml. Paper copies of traditional nautical charts may be purchased from any of the NOAA certified chart agents listed at: https://www.nauticalcharts.noaa.gov/publications/print-agents.html#paper-charts.

Note: NOAA has announced the phased shutdown of its traditional paper and raster chart production system. Cancellation of traditional NOAA paper nautical charts, RNCs, and other associated raster chart products will begin in 2021 and will be completed by January 2025. Use NOAA ENCs for the most up-to-date information.

Inland Electronic Navigational Charts (IENC) and chart books are published by the U.S. Army Corps of Engineers (USACE) and are available online at https://www.agc.army.mil/echarts

Tide Tables and Tidal Current Tables are no longer printed or distributed by NOAA. NOAA Tide and Current predictions are available online at <u>NOAA Tides & Currents</u>. Commercially printed versions that use NOAA data are also available.

Notices to Mariners

Several maritime information products produced by the U. S. Government use some version of the name "Notice to" or "Notice to Mariners". This section will describe each and explain how they can be obtained or accessed.

U.S. Notice to Mariners, published weekly by the National Geospatial Intelligence Agency (NGA), is prepared jointly by the NGA, the U. S. Coast Guard, and the National Ocean Service. Its purpose is to provide corrections to U. S. nautical charts used by ocean-going vessels, and corrections for a variety of publications, including the U. S. Coast Pilot, NGA List of Lights, and the USCG Light List, among others. The Notice to Mariners also catalogues recent maritime safety information that has been distributed for the benefit of oceangoing vessels. These include NAVAREA Warnings, HYDROLANTS, HYDROPACS, and HYDROARCS. Visit NGA at https://msi.nga.mil/NTM to obtain the latest and previous U. S. Notice to Mariners. For more information about such information is distributed worldwide through the Global Maritime Distress and Safety System (GMDSS), refer to NGA Publication 117: https://msi.nga.mil/Publications/RNA

Local Notice to Mariners are published weekly by each of the nine U. S. Coast Guard Districts, and provide the following information for waters within the District: the status of federal and private aids to navigation (such as discrepancies or temporary or proposed changes); special notices about maritime events, operations, and hazards; information about bridges; and, chart corrections for all National Ocean Service Charts in the District. Current and previous Local Notice to Mariners for each CG District can be found at the Coast Guard Navigation Center Website: https://www.navcen.uscg.gov/?pageName=lnmMain

U.S. Army Corps of Engineers (USACE) Notice to Navigation Interests (NTNI Notices) website contains navigation notices and policies issued by USACE Districts with a waterway navigation mission. These documents are disseminated to inform mariners of information describing events that affect waterway navigation such as maintenance projects, hazards to navigation, and other pertinent information. The notices are removed from the page seven days past the end date on the latest amendment. The site also has Policy Notices that remain in place until superseded. This site does not contain all notices such as those published by other agencies.

Broadcast Notices to Mariners (BNM) are transmitted using voice over VHF radio (channel 22) by each Coast Guard District to communicate local information about hazards, emergent situations, and the status of federal aids to navigation. Broadcasts occur at scheduled times, or as needed, and are normally announced first on VHF channel 16, before transmission on channel 22. BNMs provide in near real-time much of the same information that will later be published in the Local Notice to Mariners. The Coast Guard is enhancing the delivery and accessibility of Broadcast Notices to Mariners (BNMs) by initiating email distribution service. In addition to traditional methods, mariners can now receive BNMs directly to their email, ensuring timely and convenient updates. Furthermore, BNMs are being archived on the website www.navcen.gov, making them readily available for access via wireless mobile devices. This nationwide service will improve the reach and efficiency of maritime safety information and communications. To subscribe to the email service, mariners can visit the following link: https://www.navcen.uscg.gov/subscribe-email-rss-feeds.

Urgent broadcasts applicable to situations or locations beyond the range of VHF land stations and out to approximately 100 miles have also been broadcast via the medium frequency NAVTEX system.

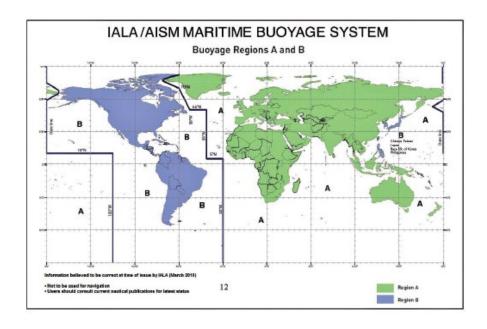
Discrepancies to Aids to Navigation

The U.S. Aids to Navigation System is a publicly monitored system that relies on mariners to inform U.S. Coast Guard units of observed discrepancies or outages. Therefore, for the safety of all mariners, anyone who observes an aid to navigation that is either off station or exhibiting characteristics other than those listed in the Light Lists should promptly notify the nearest Coast Guard unit. Radio messages should be prefixed "COAST GUARD" and transmitted on VHF-FM channel 16. In addition to notifying the nearest Coast Guard unit by radio, a discrepant aid to navigation can be reported online at http://www.navcen.uscg.gov/?pageName=atonOutageReport, or by calling (703) 313-5900, or emailing the Navigation Information Service (NIS) watch at TIS-SMB-NISWS@USCG.MIL.

GENERAL

U.S. AIDS TO NAVIGATION SYSTEM

The navigable waters of the United States are marked to assist navigation using the U.S. Aids to Navigation System, a system consistent with the International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) Maritime Buoyage System. The IALA Maritime Buoyage System is followed by most of the world's maritime nations and improves maritime safety by encouraging conformity in buoyage systems worldwide. IALA buoyage is divided into two regions made up of Region A and Region B. All navigable waters of the United States follow IALA Region B, except U.S. possessions west of the International Date Line and south of 10° north latitude, which follow Region A. Lateral aids to navigation in Region A vary from those located within Region B. Non-lateral aids to navigation in Region A are the same as those used in Region B. Appropriate nautical charts and publications should be consulted to determine whether the Region A or Region B marking schemes are in effect for a given area.



Aids to navigation are developed, established, operated, and maintained by the U.S. Coast Guard to accomplish the following:

- 1. Assist navigators in determining their position,
- 2. Assist the navigator in determining a safe course,
- 3. Warn the navigator of dangers and obstructions,
- 4. Promote the safe and economic movement of commercial vessel traffic, and
- 5. Promote the safe and efficient movement of military vessel traffic, and cargo of strategic military importance.

The U.S. Aids to Navigation System is designed for use with nautical charts. Nautical charts portray the physical features of the marine environment, which include soundings, landmarks, hazards to navigation, and aids to navigation. To best understand the purpose of a specific aid to navigation, mariners should consult the associated nautical chart, which illustrates the relationship of the aid to navigation to channel limits, obstructions, hazards to navigation, and to the aids to navigation system as a whole. Seasonal aids to navigation are placed into service, withdrawn, or changed at specified times of the year. The dates shown in the Light Lists are approximate and may vary due to adverse weather or other conditions. These aids will be changed on Electronic Navigational Charts (ENC) based on Light List dates and electronic navigation system settings.

Mariners should maintain and consult suitable publications and navigation equipment depending on the vessel's requirements. This shipboard navigation equipment is separate from the aids to navigation system but is often essential to its use.

The Coast Guard establishes, maintains, and operates a system of aids to navigation consisting of visual, audible, and electronic signals designed to assist the prudent mariner in the process of navigation. The U.S. Aids to Navigation System is primarily a lateral system, which employs a simple arrangement of colors, shapes, numbers, and light characteristics to mark the limits of navigable routes. This lateral system is supplemented with electronic signals such as AIS-ATON and non-lateral aids to navigation where appropriate.

The U.S. Aids to Navigation System contains the following subsystems:

- 1. **Intracoastal Waterway**: The aids to navigation marking the Intracoastal Waterway are arranged geographically from north to south on the Atlantic Coast and generally east to west on the coast of the Gulf of Mexico. Red lights (if so equipped), even numbers, and red buoys or triangle shaped daymarks are located on the southbound/westbound starboard waterway boundary. Green lights (if so equipped), odd numbers, and green buoys or square shaped daymarks are on the southbound/westbound port waterway boundary.
- 2. **Western Rivers**: The Western Rivers System is employed on the Mississippi River System, in addition to the Tennessee-Tombigbee Waterway and the Alabama, Atchafalaya, and Apalachicola-Chattahoochee-Flint River Systems. The Western Rivers System consists of the following characteristics:
 - a. Buoys are not numbered.
 - b. Numbers on beacons do not have lateral significance, but rather indicate mileage from a fixed point (normally the river mouth).
 - c. Diamond shaped non-lateral dayboards, red and white or green and white as appropriate, are used to indicate where the river channel crosses from one bank to the other.
 - d. Lights on green aids to navigation show a single-flash characteristic, which may be green or white.
 - e. Lights on red aids to navigation show a group-flash characteristic, which may be red or white.
 - f. Isolated danger marks are not used.
- 3. **Bridge Markings:** Bridges across navigable waters are marked with red, green and/or white lights for nighttime navigation. Red lights mark piers and other parts of the bridge. Red lights are also placed on drawbridges to show when they are in the closed position. Green lights are placed on drawbridges to show when they are in the open position. The location of these lights will vary according to the bridge structure. Green lights are also used to mark the centerline of navigable channels through fixed bridges. If there are two or more channels through the bridge, the preferred channel is also marked by three white lights in a vertical line above the green light.

Red and green retro-reflective panels may be used to mark bridge piers and may also be used on bridges not required to display lights. Lateral red and green lights and dayboards may mark main channels through bridges. Adjacent piers are marked with fixed yellow lights when the main channel is marked with lateral aids to navigation. Centerlines of channels through fixed bridges may be marked with a safe water mark and an occulting white light when lateral marks are used to mark main channels.

The centerline of the navigable channel through the draw span of floating bridges may be marked with a special mark. The mark will be a yellow diamond with yellow retro-reflective panels and may exhibit a yellow light that displays a Morse code "B" (a long flash followed by three short flashes). AIS-ATON and RACONs may be placed on the bridge structure to mark the centerline of the navigable channel through the bridge.

Vertical clearance gauges may be installed to enhance navigation safety. The gauges are located on the right channel pier or pier protective structure facing approaching vessels. Clearance gauges indicate the vertical distance between "low steel" of the bridge channel span (in the closed to

navigation position for drawbridges) and the level of the water, measured to the bottom of the foot marks, read from top to bottom.

Drawbridges equipped with radiotelephones display a blue and white sign which indicates what VHF radiotelephone channels should be used to request bridge openings.

- 4. **Private** aids to navigation include aids to navigation that are either operated by private persons and organizations, or that are operated by states. Private aids to navigation are classified into three categories:
 - a. Class I: Aids to navigation on marine structures or other works that the owners are legally obligated to establish, maintain, and operate as prescribed by the U.S. Coast Guard.
 - b. Class II: Aids to navigation that, exclusive of Class I aids, are in waters used by general navigation.
 - c. Class III: Aids to navigation that, exclusive of Class I and Class II aids, are in waters not ordinarily used by general navigation.

Authorization for the establishment of a Class II or Class III private aid to navigation by the U.S. Coast Guard imposes no legal obligation that the aid be established and operated. It only specifies the location and operational characteristics of the aid for which the authorization was requested. Once the aid is established, however, the owner is legally obligated to maintain it in good working order and properly painted.

- 5. Lights and sound signals on oil wells or other offshore structures in navigable waters are private aids to navigation and are generally not listed in the Light List unless they are equipped with a RACON or AIS-ATON. Where space allows, the structures are shown on the appropriate nautical charts. Information concerning the location and characteristics of those structures which display lights and sound signals not located in obstruction areas are published in Local and/or weekly Notices to Mariners. In general, during the nighttime, a series of white lights are displayed extending from the platform to the top of the derrick when drilling operations are in progress. At other times, structures are usually marked with one or more quick flashing white, red, or yellow lights, visible for at least one nautical mile during clear weather. Obstructions, which are a part of the appurtenances to the main structure, such as mooring piles, anchors, and mooring buoys, etc., are not normally lighted. In addition, some structures are equipped with a sound signal that produces a single two-second blast every 20 seconds.
- 6. **Lighting and Marking of Windfarm Structures.** The United States follows the International Association of Marine Aids to Navigation and Lighthouse Authorities IALA) Guideline G1162 on The Lighting and Marking of Offshore Man-Made Structures, except as follows: Uniform Alphanumeric Marking of Installations, Facilities and Structures (IFSs): Each IFS in an OREI lease area should be marked with its unique alphanumeric character, a National Oceanic and Atmospheric Administration charted designator, enabling quick recognition and reference for search and rescue, law enforcement, and other purposes. Markings on each IFS should be at least 8 feet (ft.) (2.5 meters (m)) and as close to 10 ft. (3 m) in height as possible, posted between 30 to 50 ft. above Mean Higher High water, such that they are visible all-round (360-degree arc) from the water's surface. Use of retro-reflective paint or materials for lettering and numbering is highly recommended. Each IFS' unique marking should be duplicated on top of its nacelle to aid identification from the air. Lighting and Sound Signals of Significant Peripheral Structure (SPS), normally a corner structure and other significant points on the boundary of the wind farm.

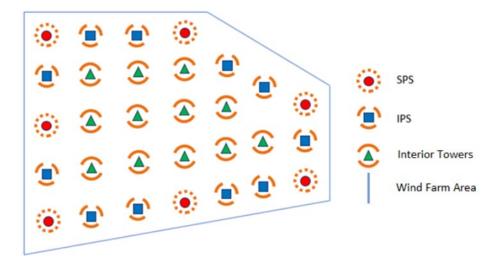
The following guidance provides additional information to augment compliance with lighting and marking of OREIs on the Outer Continental Shelf (OCS). Lighting and Marking: The nominal distance between SPSs and any adjacent SPS or Intermediate Peripheral Structure should not exceed 3 nautical miles (NM). In addition to its marking, each SPS should be fitted with the following:

- Quick flashing yellow light (QY, 0.3s on/0.7s off) that is visible at least 5NM and synchronized with all other SPS lights; and
- Sound signal that produces a 4s blast every 30s with rated range of 2NM when the visibility in any direction is less than 5NM or when activated by keying marine VHF-FM Channel 1083 (157.175 MHz, previously 83A) five times within ten seconds—Mariner Radio Activated Sound Signal (MRASS).

Lighting of Intermediate Peripheral Structures: Outer boundary non-SPS IFS are called Intermediate Peripheral Structures (IPS). IPS should be fitted with a 2.5 second flashing yellow light (FL Y 2.5s, 1.0s on/1.5s off) that is visible at least 3NM away and synchronized with all other IPS lights.

Lighting of IFS: Interior IFS should be fitted with a 6 second flashing yellow light (FL Y 6s, 1.0s on/5.0s off) or a 10 second flashing yellow light (FL Y 10s, 1.0s on/9.0s off) that is visible at least 2NM and should be synchronized with all other Interior IFS lights.

Lighting of SPS: SPS should be Quick Flashing Yellow 5 NM IPS Flashing 2.5 Seconds Yellow 3 NM Interior Towers Flashing 6, 10 or 15 Sec. Yellow 2NM. Each SPS, and IPS adjacent to a fairway or used to identify a designated vessel transit route through the farm or closely adjacent farms, shall be identified by a properly encoded AIS Message 21. These broadcasts shall be made autonomously and continuously (99 percent availability), at least every 6 minutes, alternating on AIS channel 1 and 2, at sufficient power to provide a relatively uniform coverage recommended to extend at least 8NM beyond the periphery of the wind farm to allow sufficient time for ship operators to detect and make any necessary course or speed alterations. IPS, or other IFS within the farm, may be additionally marked with physical or synthetic AIS Message 21 if circumstances warrant; but not such to overload the VHF data link in or near congested waters. Additionally, AIS Message 21 broadcasts should indicate current "ATON status" (i.e., good health, light discrepancies, etc.). ATON status "alarms" may be accompanied by an AIS Safety Related Broadcast (AIS Message 14). Use of AIS requires submission of a USCG AIS Private ATON Application (see Form CG-4143) and subsequent Federal Communications Commission licensing.



Example of SPS and IPS identified in a windfarm layout (not to scale).

BUOYS, BEACONS, AND AIS-ATON

The primary components of the U.S. Aids to Navigation System are buoys, beacons, and AIS-ATON.

Buoys are floating aids to navigation used extensively throughout U.S. waters. They are moored to sinkers by varying lengths of chain and may shift due to sea conditions and other causes. Buoys may also be carried away, capsized, or sunk. Prudent mariners will not rely solely on any single aid to navigation, particularly floating aids.

Buoy positions represented on nautical charts are approximate position only, due to the practical limitations of positioning and maintaining buoys and their sinkers in precise geographical locations.

Positions of Federal buoys are verified during periodic maintenance visits. Between visits, environmental conditions such as atmospheric and sea conditions or seabed slope and composition may shift buoys off their charted positions. Buoys may also be dragged off station, sunk, or capsized by a collision with a vessel.

Beacons are aids to navigation which are permanently fixed to the earth's surface. They range from large lighthouses to small single-pile structures and may be located on land or in the water. Lighted beacons are called lights; unlighted beacons are called daybeacons. Lighthouses are placed on shore or on marine sites and most often do not indicate lateral significance. Lighthouses with no lateral significance exhibit a white light.

Beacons exhibit a daymark. For small structures, these are colored geometric shapes that make an aid to navigation readily visible and easily identifiable against background conditions. Generally, the daymark conveys to the mariner during daylight hours the same significance as the aid's light or reflector does at night. The daymark of towers, however, consists of the structure itself. As a result, these daymarks do not imply lateral significance.

Ranges (Leading Lights) are non-lateral aids to navigation composed of two beacons, which when sighted in line with one another, define a particular bearing or course. The appropriate nautical chart must be consulted when using ranges to determine whether the range marks the centerline of the

navigable channel and what section of the range may be safely traversed. Ranges typically display rectangular dayboards of various colors and are generally, but not always lighted. Ranges may display lights during daylight and at night. When lighted, ranges may display lights of any color.

Caution: Vessels should not pass beacons close aboard due to the danger of collision with riprap or structure foundations, or with the obstruction or danger being marked.

Automatic Identification System (AIS) is a maritime navigation safety communications protocol defined by the International Telecommunication Union and adopted by the International Maritime Organization for the autonomous and continuous exchange of pertinent navigation information between seagoing ships and other mandated vessels, such as identity, call-sign, position, dimensions, type, and navigation status. In addition to ship-to-ship broadcasts, AIS may communicate between ship and shore stations and be used for other navigation safety purpose, such as augmenting the presence (on radar) and/or providing the status of an existing ATON.

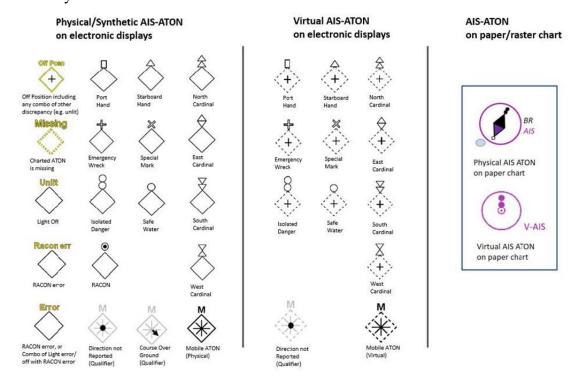
Automatic Identification System-ATON (AIS-ATON) ATON may be enhanced using AIS communications protocol. AIS-ATON can be used to autonomously and at fixed intervals broadcast the name, position, dimensions, type, characteristics, and status from or concerning an aid to navigation. AIS-ATON information can only be "seen" on AIS capable navigation display systems, such as those that meet IEC 62288 Navigation Presentation standards or are supported by other proprietary means used by non-IEC compliant manufacturers. The figures below show how some are represented on AIS compliant navigation displays. AIS-ATON reports may have lateral significance and thus are charted to mimic a physical buoy or beacon. They may also be used to provide other marine safety information, such as when a charted restricted area is open or closed, or to highlight a temporary condition that may not be charted, e.g., rocket launch areas. AIS, as provided by the U.S. Army Corp of Engineers, can also provide reports on environmental conditions, wind speed and direction, current data, lock status, etc.

AIS-ATON reports are characterized in one of three ways: **physical** (meaning the AIS transmitter is physically located on the aid to navigation it is associated with, such as a ATON), **synthetic** (meaning the AIS message or symbol associated with a particular ATON or beacon is being broadcast from a different physical location, such as from an AIS antenna on shore), or **virtual** (meaning no physical ATON or beacon exists, but that an AIS message or symbol is being broadcast in order to be portrayed in a particular location). In the Light List, physical and virtual aids will be listed as such in column (8), the remarks section. If an AIS-ATON listed in the Light List does not have the words "physical" or "virtual" in the remarks section, it should be presumed by the mariner to be a synthetic AIS-ATON. Column (8) will also identify the source Maritime Mobile Service Identity (MMSI) of the broadcast station(s). For example:

(8)
Remarks
[Physical/Virtual] AIS
AIS: 993666 X ₁ X ₂ X ₃ X ₄ SOURCE AIS:
$00366X_1X_2X_3X_4$, ASM:
8/67:33v3 [If more than 1 source
station 00366 X ₁ X ₂ X ₃ X ₄

Caution: When encountering an AIS-ATON, especially one associated with an ATON, mariners should consult the Light List carefully to understand whether the AIS transmitter is located on the aid or not. This is critical information necessary for interpreting the situation. For example, if the AIS transmitter is located on the ATON it is associated with (physical AIS-ATON), the location of the AIS signal will always correspond to the ATON's actual position. If off-station, its broadcasted report will state so (i.e., off-position indicator, 0 = on position, 1 = off position); and additionally, will broadcast an AIS safety-related text message stating: ATON OFF- POSITION. These ATON are usually charted and denoted by a magenta circle and "AIS" label. Synthetic AIS-ATON do not have this capability; when employed with a ATON, synthetic AIS- ATON always appear on the ATON's assigned (charted) position, even if the ATON is off- station, damaged, missing, etc.

Caution: Mariners may find it difficult to distinguish between a synthetic and physical AIS- ATON by examining only the chart. Physical AIS-ATON is encircled in magenta, while synthetic AIS-ATON is not. Charts may not necessarily reflect the existence of a Synthetic AIS- ATON, nor its source station. If unsure, the Light List should be consulted. Virtual AIS-ATON are always listed as "VAIS" on the chart. For virtual and synthetic AIS-ATON, the Light List may list the Maritime Mobile Service Identity (MMSI) of its (source) broadcast station. Where provided, this information is intended to aid mariners in determining whether they are near enough for their equipment to detect such AIS-ATON. For voyage planning purposes, mariners should note that an ATON's broadcasted position may be up to 25 nautical miles away from the source station.



As per current IEC 62288:2021 & IHO S-52

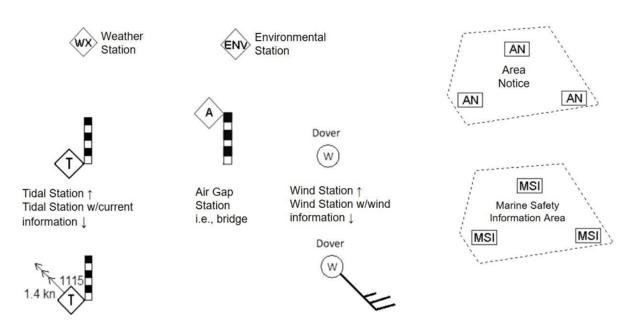
The technology associated with AIS-ATON allows for other types of information to be broadcast to the mariner. Examples could include information about the health or status of AIS-ATON, environmental or other safety information, navigation warnings, or information about the status of bridges. Mariners should look for updates to the Light List to understand how the Coast Guard is implementing this technology. Although all existing AIS mobile devices can receive AIS ATON Reports and Application Specific Messages (ASM), they may not readily appear on an AIS Minimal Keyboard Display or other shipboard navigational display systems (Radar), which would require software updates to make these systems compliant with international navigation presentation standards (i.e., IEC 62288 (series), IHO S-52 (series)). The data content of AIS Application Specific Messages can found at https://www.iala-aism.org/asm.

They are identified by their: AIS message number (i.e. 6, 8, 25 or 26), Designated Area Code (DAC), Function Identifier (FI), and Version Number.

Application Specific Message ASM:X/YYY.ZZ.V, where: X identifies the AIS message number (i.e. 6, 8, 25 or 26), YYY its Designated Area Code (DAC), ZZ its Function Identifier (FI), and V its Version Number,

e.g. ASM:8/367.22.2 denotes U.S. Geographic Notice, Application Specific Message 8, DAC = 367, FL = 22, Version =2.

Symbology used for Application Specific Messages per International Navigation Displays Standard (IEC 62288)



Nationwide Automatic Identification System (NAIS) consists of approximately 200 VHF receiver sites located throughout the coastal continental United States, inland rivers, Alaska, Hawaii, Puerto Rico, and Guam. NAIS couples AIS technology with a comprehensive network infrastructure to achieve

ship to-shore and shore-to-ship data transmission throughout the navigable waters of the United States. The system enables AIS-equipped vessels to receive important marine information such as safety and security messages, weather alerts, and electronic aids to navigation. A list of NAIS Base Stations and their corresponding MMSI numbers can be found in the table at the end of this section.

NAIS is designed to collect safety and security data from AIS-equipped vessels in navigable waters of the United States and share that data with Coast Guard operators and other government and port partners. The primary goal of NAIS is to increase situational awareness through data dissemination via a network infrastructure, particularly focusing on improving maritime security, marine and navigational safety, search and rescue, and environmental protection services. Collected AIS data improves the safety of vessels and ports through collision avoidance and the safety of the nation through detection, identification, and classification of vessels. NAIS broadcasts navigation enhancing safety related messages such as Synthetic AIS ATON Reports and Application Specific Messages.

For more information about AIS see:

- AIS messages at: NAVCEN AIS Messages
- IMO Safety of Navigation Circular 289 and 290 regarding Application Specific Messages (ASM) at: NAVCEN AIS References
- IALA AIS ASM Catalog at: www.e-navigation.nl/asm, and
- USCG Special Notice 14-02 regarding AIS Aids to Navigation at: NAVCEN AIS FAQ #21

The U.S. Army Corps of Engineers (USACE) operates AIS-ATONs extensively throughout the Western Rivers, Columbia River and at the Sault Ste Marie lock and dam. USACE AIS Stations broadcast a variety of information including ATON, Environmental, and Geographic Notices in support of navigation safety and efficient movement of vessels though U.S. inland waterways through their Lock Operations and Management Application (LOMA).

The Marine Exchange of Alaska (MXAK) is a nonprofit maritime organization based in Juneau, Alaska. The organization was established to broker information, that aids safe, secure, efficient, and environmentally sound maritime operations in Alaska. MXAK operates a network of Automatic Identification System (AIS) Stations to broadcast a variety of information including ATON, Environmental, and Geographic Notices in support of navigation safety and efficient movement of vessels throughout Alaska.

The U.S. Coast Guard and some other approved entities (i.e., U.S. Army Corps of Engineers, National Oceanic and Atmospheric Administration, Marine Exchange of Alaska, etc.) have been transmitting <u>AIS ATON Reports</u> and marine safety information via AIS since 2014 (see our <u>Special Notice 01-2014</u>). The exact content, location, and times of these transmissions are announced in the Coast Guard Local Notices to Mariners (LNM) and denoted in Coast Guard Light List.

Note, AIS ATON stations operated in the U.S., other than by the U.S. Coast Guard, require Federal Communications Commission (FCC) or National Telecommunication Information Agency (NTIA) radio determination service licensing/authorization; which they will not grant without prior approval from the U.S. Coast Guard. Requests for such approvals may be sent to cgnav@uscg.mil via a USCG Private Aid to Navigation (PATON) application (either CG Form 2554 or 4143) and this Addendum. For further information on AIS ATON see our AIS Frequently Asked Question 21 and the International Association of Marine Aid to Navigation and Lighthouse Authorities' (IALA) publications on the subject.

For further information on AIS ATON, please refer to the various <u>IALA Guidelines and Recommendations</u> and their uses. The U.S. Coast Guard and some other approved entities (i.e., U.S. Army Corps of Engineers, National Oceanic and Atmospheric Administration, Marine Exchange of Alaska, etc.) have been transmitting AIS ATON Reports and marine safety information via AIS since 2014 (see our Special Notice 01-2014). The exact content, location, and times of these transmissions are announced in the Coast Guard Local Notices to Mariners (LNM) and denoted in Coast Guard Light List.

TYPES OF SIGNALS

Lighted aids to navigation are, for the most part, equipped with daylight controls which automatically cause the light to operate during darkness and to be extinguished during daylight. These devices are not of equal sensitivity; therefore, all lights do not come on or go off at the same time. Mariners should ensure correct identification of aids to navigation during twilight periods when some lighted aids to navigation are lit while others are not. The lighting apparatus is serviced at periodic intervals to assure reliable operation, but there is always possibility of a light being extinguished or operating improperly.

Only aids to navigation with green or red lights have lateral significance and exhibit either flashing, quick flashing, group flashing, occulting, or isophase light rhythms. When proceeding in the conventional direction of buoyage, the mariner in IALA Region B, may see the following lighted aids to navigation:

Green lights on aids to navigation mark port sides of channels and locations of wrecks or obstructions that must be passed by keeping these lighted aids to navigation on the port hand of a vessel. Green lights are also used on preferred channel marks where the preferred channel is to starboard (i.e., aid to navigation left to port when proceeding in the conventional direction of buoyage). Red lights on aids to navigation mark starboard sides of channels and locations of wrecks or obstructions that must be passed by keeping these lighted aids to navigation on the starboard hand of a vessel. Red lights are also used on preferred channel marks where the preferred channel is to port (i.e., aid to navigation left to starboard when proceeding in the conventional direction of buoyage).

White and yellow lights have no lateral significance. The shapes, colors, letters, and light rhythms may determine the purpose of aids to navigation exhibiting white or yellow lights.

Different colored light emitting diode (LED) lights used in conjunction or sectors of colored glass are placed in the lanterns of some lights to produce a system of light sectors of different colors. In general, red sectors are used to mark shoals or to warn the mariner of other obstructions to navigation or of nearby land. Such lights provide approximate bearing information since observers may note the change of color as they cross the boundary between sectors. These boundaries are indicated in the Light List (Col. 8) and by dotted lines on charts. These bearings, as all bearings referring to lights, are given in true degrees from 000° to 359° , as observed from a vessel toward the light.

When navigating, mariners should not rely on a line of bearing defined by the boundary between light sectors. These sectors are not designed to define an accurate observed line of bearing. Using a compass bearing to the light is recommend as more accurate. Be guided instead by the correct compass bearing to the light and do not rely on being able to accurately observe the point at which the color changes. This is difficult to determine because the edges of a colored sector cannot be cut off sharply. On either side of the line of demarcation between white, red, or green sectors, there is always a small arc of uncertain color. Moreover, when haze or smoke is present in the intervening atmosphere, a white sector might have a reddish hue.

The arc drawn on charts around a light is not intended to give information as to the distance at which it can be seen. The arc indicates the bearings between which the variation of visibility or obstruction of the light occurs.

Most aids to navigation are fitted with retro reflective material to increase their visibility in darkness. Colored reflective material is used on aids to navigation that, if lighted, will display lights of the same color.

Preferred channel marks exhibit a composite group-flashing light rhythm of two flashes followed by a single flash.

Safe water marks exhibit a white Morse code "A" rhythm (a short flash followed by a long flash).

Isolated danger marks exhibit a white flashing (2) rhythm (two flashes repeated regularly). Special marks exhibit yellow lights and exhibit a flashing or fixed rhythm.

Information and regulatory marks exhibit a white light with any light rhythm except quick flashing, flashing (2) and Morse code "A."

For situations where lights require a distinct cautionary significance, as at sharp turns, sudden channel constrictions, wrecks, or obstructions, a quick flashing light rhythm will be used.

Conditions which may affect a Light

The condition of the atmosphere has a considerable effect upon the distance at which lights can be seen. Sometimes lights are obscured by fog, haze, dust, smoke, or precipitation which may be present at the light, or between the light and the observer, and which is possibly unknown by the observer. Atmospheric refraction may cause a light to be seen farther than under ordinary circumstances.

A light of low intensity will be easily obscured by unfavorable conditions in the atmosphere and little dependence can be placed on it being seen. For this reason, the intensity of a light should always be considered when expecting to sight it in reduced visibility. Haze and distance may reduce the apparent duration of the flash of a light. In some atmospheric conditions, white lights may have a reddish hue. Lights placed at high elevations are more frequently obscured by clouds, mist, and fog than those lights located at or near sea level.

In regions where ice conditions prevail in the winter, the lantern panes of lights may become covered with ice or snow, which will greatly reduce the visibility of the lights and may also cause colored lights to appear white.

The increasing use of brilliant shore lights for advertising, illuminating bridges, and other purposes, may cause marine navigational lights, particularly those in densely inhabited areas, to be outshone and difficult to distinguish from the background lighting. Mariners are requested to report such cases in order that steps may be taken to improve the conditions.

The "loom" (glow) of a powerful light is often seen beyond the limit of visibility of the actual rays of the light. The loom may sometimes appear sufficiently sharp enough to obtain a bearing. At short distances, some flashing lights may show a faint continuous light between flashes.

The distance of an observer from a light cannot be estimated by its apparent intensity. Mariners should always check the characteristics of lights to avoid mistaking powerful lights, visible in the distance, for nearby lights (such as those on lighted buoys) showing similar characteristics of low intensity. If lights are not sighted within a reasonable time after prediction, a dangerous situation may exist, requiring prompt resolution or action to ensure the safety of the vessel.

The characteristic of a lights can appear to change based on the observer's distance from it. Consider the case of a light with a rather complex characteristic: Fixed white with an alternating red and white. From a distance the light might appear to only be a flashing white. At a shorter distance it may look like an alternating red and white. Only up close might an observer be able to see the true characteristic. Fixed white with an alternating red and white.

If a vessel has considerable vertical motion due to pitching in heavy seas, a light sighted on the horizon may alternatively appear and disappear. This may lead the unwary to assign a false characteristic and hence, to error in its identification. The true characteristic will be evident after the distance has been sufficiently decreased or by increasing the height of eye of the observer.

Similarly, the effect of wave motion on lighted buoys may produce the appearance of incorrect light phase characteristics when certain flashes occur but are not viewed by the mariner. In addition, buoy motion can reduce the distance at which buoy lights are detected.

Shapes are used to provide easy identification on certain unlighted buoys and dayboards on beacons. These shapes are laterally significant only when associated with laterally significant colors. In IALA Region B, cylindrical buoys (referred to as "can buoys") and square dayboards mark the port side of a channel when proceeding in the conventional direction of buoyage. These aids to navigation are associated with solid green or green and red-banded marks where the topmost band is green. Conical buoys (referred to as "nun buoys") and triangular dayboards mark the starboard side of the channel when proceeding from seaward. These aids to navigation are associated with solid red or red and green-banded marks where the topmost band is red.

Unless fitted with topmarks; lighted, sound, pillar, and spar buoys have no shape significance. Their numbers, colors, and light characteristics convey their meanings.

Dayboards throughout the U.S. Aids to Navigation System are described using standard designations that describe the appearance of each dayboard. A brief explanation of the designations and of the purpose of each type of dayboard in the system is given below, followed by a verbal description of the appearance of each dayboard type.

Designations:

- 1. First Letter Shape or Purpose
 - C: Crossing (Western Rivers only) diamond-shaped, used to indicate the points at which the channel crosses the river.
 - J: Junction (square or triangle) used to mark (preferred channel) junctions or bifurcations in the channel, or wrecks or obstructions which may be passed on either side; color of top band has lateral significance for the preferred channel.

- K: Range (rectangular) when both the front and rear range dayboards are aligned on the same bearing, the observer is on the azimuth of the range, usually used to mark the center of the channel.
- M: Safe Water (octagonal) used to mark the fairway or middle of the channel.
- N: No lateral significance (diamond or rectangular) used for special purpose, warning, distance, or location markers.
- S: Square used to mark the port side of channels when proceeding from seaward.
- T: Triangle used to mark the starboard side of channels when proceeding from seaward.
- 2. Second Letter Key Color

B – Black G – Green R – Red W – White Y – Yellow

- 3. Third Letter Color of Center Stripe (Range Dayboards Only)
- 4. Additional Information after a (-)
 - -I: Intracoastal Waterway; a yellow reflective horizontal band on a dayboard; indicates the aid to navigation marks the Intracoastal Waterway.
 - -SY: Intracoastal Waterway; a yellow reflective square on a dayboard; indicates the aid to navigation is a port hand mark for vessels traversing the Intracoastal Waterway. May appear on a triangular daymark where the Intracoastal Waterway coincides with a waterway having opposite conventional direction of buoyage.
 - -TY: Intracoastal Waterway; a yellow reflective triangle on a dayboard; indicates the aid to navigation is a starboard hand mark for vessels traversing the Intracoastal Waterway. May appear on a square daymark where the Intracoastal Waterway coincides with a waterway having opposite conventional direction of buoyage.

Descriptions:

- CNG: Diamond-shaped dayboard divided into four diamond-shaped colored sectors with the sectors at the side corners white and the sectors at the top and bottom corners green, with green reflective diamonds at the top and bottom corners and white reflective diamonds in the side corners (Western Rivers only).
- CNR: Diamond-shaped dayboard divided into four diamond-shaped colored sectors with the sectors at the side corners white and the sectors at the top and bottom corners red, with red reflective diamonds at the top and bottom corners and white reflective diamonds in the side corners (Western Rivers only).
- JG: Dayboard bearing horizontal bands of green and red, green band topmost, with corresponding reflective borders.

- JG-I: Square dayboard bearing horizontal bands of green and red, green band topmost, with corresponding reflective borders and a yellow reflective horizontal band.
- JG-SY: Square dayboard bearing horizontal bands of green and red, green band topmost, with corresponding reflective borders and a yellow reflective square.
- JG-TY: Square dayboard bearing horizontal bands of green and red, green band topmost, with corresponding reflective borders and a yellow reflective triangle.
- JR: Dayboard bearing horizontal bands of red and green, red band topmost, with corresponding reflective borders.
- JR-I: Triangular dayboard bearing horizontal bands of red and green, red band topmost, with corresponding reflective borders and a yellow reflective horizontal band.
- JR-SY: Triangular dayboard bearing horizontal bands of red and green, red band topmost, with corresponding reflective borders and a yellow reflective square.
- JR-TY: Triangular dayboard bearing horizontal bands of red and green, red band topmost, with corresponding reflective borders and a yellow reflective triangle.
- KBG: Rectangular black dayboard bearing a central green stripe.
- KBG-I: Rectangular black dayboard bearing a central green stripe and a yellow reflective horizontal band.
- KBR: Rectangular black dayboard bearing a central red stripe.
- KBR-I: Rectangular black dayboard bearing a central red stripe and a yellow reflective horizontal band.
- KBW: Rectangular black dayboard bearing a central white stripe.
- KBW-I: Rectangular black dayboard bearing a central white stripe and a yellow reflective horizontal band.
- KGB: Rectangular green dayboard bearing a central black stripe.
- KGB-I: Rectangular green dayboard bearing a central black stripe and a yellow reflective horizontal band.
- KGR: Rectangular green dayboard bearing a central red stripe.
- KGR-I: Rectangular green dayboard bearing a central red stripe and a yellow reflective horizontal band.
- KGW: Rectangular green dayboard bearing a central white stripe.
- KGW-I: Rectangular green dayboard bearing a central white stripe and a yellow reflective horizontal band.

KRB: Rectangular red dayboard bearing a central black stripe.

KRB-I: Rectangular red dayboard bearing a central black stripe and a yellow reflective horizontal band.

KRG: Rectangular red dayboard bearing a central green stripe.

KRG-I: Rectangular red dayboard bearing a central green stripe and a yellow reflective horizontal band.

KRW: Rectangular red dayboard bearing a central white stripe.

KRW-I: Rectangular red dayboard bearing a central white stripe and a yellow reflective horizontal band.

KWB: Rectangular white dayboard bearing a central black stripe.

KWB-I: Rectangular white dayboard bearing a central black stripe and a yellow reflective horizontal band.

KWG: Rectangular white dayboard bearing a central green stripe.

KWG-I: Rectangular white dayboard bearing a central green stripe and a yellow reflective horizontal band.

KWR: Rectangular white dayboard bearing a central red stripe.

KWR-I: Rectangular white dayboard bearing a central red stripe and a yellow reflective horizontal band.

MR: Octagonal dayboard bearing stripes of white and red, with a white reflective border.

MR-I: Octagonal dayboard bearing stripes of white and red, with a white reflective border and a yellow reflective horizontal band.

NB: Diamond-shaped dayboard divided into four diamond-shaped colored sectors with the sectors at the side corners white and the sectors at the top and bottom corners black, with a white reflective border.

ND: Rectangular white mileage marker with black numerals indicating the mile number (Western Rivers only).

NG: Diamond-shaped dayboard divided into four diamond-shaped colored sectors with the sectors at the side corners white and the sectors at the top and bottom corners green, with a white reflective border.

NL: Rectangular white location marker with an orange reflective border and black letters indicating the location.

NR: Diamond-shaped dayboard divided into four diamond-shaped colored sectors with the sectors at the side corners white and the sectors at the top and bottom corners red, with a white reflective border.

NW: Diamond-shaped white dayboard with an orange reflective border and black letters describing the information or regulatory nature of themark.

NY: Diamond-shaped yellow dayboard with yellow reflective border.

SG: Square green dayboard with a green reflective border.

SG-I: Square green dayboard with a green reflective border and a yellow reflective horizontal band.

SG-SY: Square green dayboard with a green reflective border and a yellow reflective square.

SG-TY: Square green dayboard with a green reflective border and a yellow reflective triangle.

SR: Square red dayboard with a red reflective border. (IALA Region "A")

TG: Triangular green dayboard with a green reflective border. (IALA Region "A")

TR: Triangular red dayboard with a red reflective border.

TR-I: Triangular red dayboard with a red reflective border and a yellow reflective horizontal band.

TR-SY: Triangular red dayboard with a red reflective border and a yellow reflective square.

TR-TY: Triangular red dayboard with a red reflective border and a yellow reflective triangle. These abbreviated descriptions are used in column (7) and may also be found on the illustrations of the U.S. Aids to Navigation System.

Numbers are used to provide easy identification of aids to navigation. In IALA Region B, all solid red and solid green aids are numbered, except for buoys located on the Western Rivers. Red aids to navigation have even numbers and green aids to navigation have odd numbers. The numbers for each increase from seaward when proceeding in the conventional direction of buoyage. Numbers are kept in approximate sequence on both sides of the channel by omitting numbers where necessary.

Letters may be used to augment numbers when lateral aids to navigation are added to channels with previously completed numerical sequences. Letters will increase in alphabetical order, proceeding in the conventional direction of buoyage, and are added to numbers as suffixes. Letters are not used for buoys on the Western Rivers. No other aids to navigation are numbered. Preferred channel, safe water, isolated danger, special marks, and information and regulatory aids to navigation may be lettered, but not numbered.

Sound signal is a generic term used to describe aids to navigation that produce an audible signal designed to assist the mariner in periods of reduced visibility. These aids to navigation can be activated by several means e.g., manually, remotely, or automatically (as in the case of a fog detector). The Coast Guard is replacing many fog detectors with mariner radio activated sound signals (MRASS). To activate, mariners key their VHF-FM radio a designated number of times on a designated VHF- FM channel. The sound signal is activated for a period of 15, 30, 45, or 60 minutes after which the activated assistance automatically turns off. In cases where a fog detector is in use, there may be a delay in the automatic activation of the signal. Additionally, fog detectors may not be capable of detecting patchy fog conditions.

Sound signals are distinguished by their tone and phase characteristics. Devices producing sound, e.g., diaphones, diaphragm horns, sirens, whistles, bells, and gongs emit a distinct sound.

Phase characteristics are defined by the signal's sound pattern, i.e., the number of blasts and silent periods per minute and their durations. Signals sounded from fixed structures generally produce a specific number of blasts and silent periods each minute when operating. Sound signals installed on buoys are generally activated by the motion of the sea and therefore do not emit a regular signal characteristic. It is common, in fact, for a buoy to produce no sound signal when seas are calm.

The characteristic of a sound signal is listed in column (8) of the Light List. If the sound signal is remotely activated, column (8) will contain the VHF-FM channel and number of times the VHF-FM radio should be keyed. All waterway users equipped with a VHF-FM radio may activate the sound signal, but they are not required to do so. Unless the light list indicates that the sound signal "operates continuously," or the signal is a bell, gong, or whistle on a buoy, mariners can assume that the sound signal only operates during times of fog, reduced visibility, or adverse weather.

Caution: Mariners should not rely on sound signals to determine their position. Distance cannot be accurately determined by sound intensity. Occasionally, sound signals may not be heard in areas close to their location. Signals may not sound in cases where fog exists close to, but not at, the location of the sound signal.

Radar Beacons (RACONS) are radar transponders that when triggered by an X-band radar produce a coded response from its location, which is portrayed radially as a series of dots and dashes on the triggering radar. Although RACONS may be used on both laterally significant and non-laterally significant aids to navigation, their signal should just be used for identification purposes only.

RACONS have a typical output of 600 milliwatts and are considered a short-range aid to navigation. Reception varies from a nominal range of 6 to 8 nautical miles (when mounted on a buoy) to as much as 17 nautical miles for a RACON mounted on a fixed structure. It must be understood that these nominal ranges are dependent upon many factors.

The beginning of the RACON presentation occurs about 50 yards beyond the RACON's actual position and will persist for a number of revolutions of the radar antenna (depending on its rotation rate).

Radar operators may notice some broadening or spoking of the RACON presentation when their vessel approaches closely to the source of the RACON. This effect can be minimized by adjusting the IF gain or sweep gain control of the radar. If desired, the RACON presentation can be virtually eliminated by operation of the FTC (fast time constant) controls of the radar.

Radar Reflectors are special fixtures, incorporated into both lighted and unlighted aids to navigation, to enhance the reflection of radar energy. These fixtures make equipped ATON more detectable. However, they do not positively identify a radar target as an ATON.

GPS and Navigation – Related Services Operated by the US Coast Guard

Global Positioning System (GPS) is a satellite-based navigation system, operated and controlled by the Department of Defense (DOD) under U.S. Air Force management, which provides precise, worldwide, three-dimensional navigation capabilities. The system was originally designed for military application; however, it is now available to all and used almost ubiquitously. The United States is committed to maintaining the availability of at least 24 operational GPS satellites, in six precise orbital planes, each of which complete a circular 10,900 nautical mile orbit of the earth once every 12 hours. At least three satellites are required for a two-dimensional solution. However, GPS does not provide integrity information and mariners should exercise extreme caution when using GPS in restricted waterways. Ideally, a minimum of four satellites will be visible from any position on the earth and will provide positions with a global horizontal accuracy within 3 meters, 95% percent of the time. Whenever possible, advance notice of when GPS satellites should not be used will be provided by the DOD and made available by the US Coast Guard through GPS status messages.

Navigation Information Service (NIS): The U.S. Coast Guard Navigation Center (NAVCEN) is the official government source of information for civil users of the Global Positioning System (GPS). The Navigation Information Service (NIS) is available 24 hours a day, seven days a week, for all Radio Navigation and maritime related needs via phone, fax or e-mail. The NIS provides users the ability to access real time or archived GPS, and LNM information at www.navcen.uscg.gov, as well as subscribe to an automated list service which enables users to receive GPS status messages and Notice to NAVSTAR User (NANU) messages via direct Internet e-mail. The NAVCEN also disseminates GPS safety advisory broadcast messages through USCG broadcast stations utilizing VHF-FM voice, HF-SSB voice, and NAVTEX broadcasts. The broadcasts provide the GPS user in the marine environment with the status of the navigation systems, as well as any planned/unplanned system outages that could affect GPS navigational accuracy.

To comment on any of these services or ask questions about the service offered, contact the NAVCEN at:

Commanding Officer U.S. Coast Guard NAVCEN (NIS) MS 7310 7323 Telegraph Road Alexandria, VA 20598-7310

Phone: (703) 313-5900 FAX: (703) 313-5920

http://www.navcen.uscg.gov

USCG Navigation Center Website: The USCG Navigation Center (NAVCEN) operates a website that provides the maritime public with marine safety information (MSI) dissemination and reporting services. The NAVCEN website is www.navcen.uscg.gov. NAVCEN MSI dissemination services include GPS status messages, Notice Advisory to NAVSTAR Users (NANU) messages, Local Notice to Mariners, Broadcast Local Notice to Mariners, and the USCG Light List. Methods of MSI dissemination include VHF, NAVTEX, MF/HF SSB broadcasts, RSS feeds, and email subscription services. NAVCEN reporting services include web-based form discrepancy reporting for aids to navigation (ATON), global positioning system (GPS), automatic identification system (AIS), and Long Range Identification System (LRIT).

ABBREVIATIONS

Various abbreviations are utilized in Broadcast Notices to Mariners, Local Notices to Mariners, on charts, and in the Light Lists. Refer to the following list.

on charts, and in the Light Lists. Refer to the following list.			
<u>Light Characteristics</u>		Sound Signal Characteristics	
Alternating Characteristic	AL CHAR	Blast Every	BL EV
Composite Group- Flashing	FL (2+1)	Seconds Silent	S SI
Composite Group- Occulting	OC (2+1)	<u>Colors*</u> Black	В
Continuous Quick- Flashing	Q	Blue	BU
Eclipse Fixed and Flashing	EC FFL	Green Orange	G OR
Fixed and Flashing	F	Red	R
Group-Flashing	FL (3)	White	W
Group-Occulting	OC (2)	Yellow	Y
Interrupted Quick- Flashing Isophase	IQ ISO	*NOTE: Color refers to characteristics of aids to navigation only.	
Morse Code	MO (A)		
Occulting	OC	Aids to Navigation	
Single-Flashing	FL	Aeronautical Radiobeacon	AERO RBN
Organizations		Automatic Identification System	AIS
Commander, Coast		Daybeacon	DBN
Guard District	CCGD (#)	Destroyed	DESTR
Coast Guard	CG	Discontinued	DISCONTD
U.S. Army	HIGAGE	Established	ESTAB
Corps of Engineers	USACE	Exposed Location Buoy	ELB
National Geospatial-		Extinguished	EXT
Intelligence Agency	NGA	Fog Signal Station	FOG SIG

N. 10 - 5 - 1	2100	Light List Number LL	NR
National Ocean Service		Light LT	
National Weather Service	ce NWS	Lighted Bell Buoy LB	
Vessels		Lighted Buoy LB	
Aircraft	A/C	Lighted Gong Buoy LG	
Fishing Vessel	F/V	Lighted Horn Buoy Lighted Horn Buoy LH	
Liquefied Natural		Lighted Whistle Buoy Lighted Whistle Buoy	
Gas Carrier	LNG		RASS
Motor Vessel (includes Steam Ship, Container	M/V	Sound Signal	CASS
Ship, Cargo Vessel,			DAS
Tanker etc)		Privately Maintained PR	IV
Pleasure Craft	P/C	1	AINTD
Research Vessel	R/V	Radar Reflector RA	REF
Sailing Vessel	S/V	Radar Responder Beacon RA	CON
			ASS
Various		Sound Signal	
Anchorage	ANCH	Single Point Mooring Buoy SP	M
Anchorage Prohibited	ANCH Prohib	Sound Signal SS	•
Approximate	APPROX	Temporarily Replaced by	
Atlantic	ATL		LB
Authorized	AUTH	Temporarily Replaced by	
Average	AVG	Unlighted Buoy TR	UB
Bearing	BRG	Topmark TM	ſΚ
Breakwater	BKW		AIS
Broadcast Notice	DNIM	Whistle	HIS
to Mariners	BNM		
Canadian Aid	(C) COTP	Days of the Week Compass Dir	
Captain of the Port Channel	CHAN	1	N S
Chamiei	CHAN	1	S E
Code of Federal		1	W
Regulations	CFR	1	NE NY
Continue	CONT	Saturday SAT Northwest N Sunday SUN Southeast S	IW SE
Degrees	DEC	Southwest S	
(temp, geo, pos) Diameter	DEG		
Edition	DIA ED		
Effect/Effective	ED EFF		
Effect/Effective	CLL		

Entrance	ENTR	Months	
Explosive Anchorage	EXPLOS	January JAN	
	ANCH	February FEB	
Fathom(s)	FM(S)	March MAI	
Foot/Feet	FT	April APR	
Harbor	HBR	May MAY June JUN	
Height	HT	July JUL	
Hertz	HZ	August AUC	j
Horizontal Clearance	HOR CL	September SEP	
Hour	HR	October OCT	
International	1111	November NOV	
Regulations for Preventing Collisions at Sea	COLREGS	December DEC	
Kilohertz	KHZ	Countries and State	<u>es</u>
Kilometer	KM	Alabama	AL
Knot(s)	KT(S)	Alaska	AK
Minute	MIN	American Samoa	AS
(time, geo, pos)	IVIIIN	Arizona	AZ
Megahertz	MHZ	Arkansas	AR
Maritime Mobile		California	CA
Service Identity	MMSI	Canada	CN
Moderate	MOD	Colorado	CO
Mountain, Mount	MT	Connecticut	CT
Nautical Mile(s)	NM	Delaware	DE
Notice to Mariners	NTM	District of Columb	pia DC
Obstruction	OBSTR	Florida	FL
Occasion/		Georgia	GA
Occasionally	OCCASION	Guam	GU
Operating Area	OPAREA	Hawaii	HI
Pacific	PAC	Idaho	ID
Point(s)	PT(S)	Illinois	IL
Position	POS	Indiana	IN
Position	D.A	Iowa	IA
Approximate	PA	Kansas	KS
Pressure	PRES	Kentucky	KY
Private, Privately	PRIV	Louisiana	LA
Prohibited	PROHIB	Maine	ME
Publication	PUB	Maryland	MD
Range	RNG	Marshall Islands	MH
Reported	REP	Massachusetts	MA

Restricted	RESTR	Missouri	MO
River	RIV	Mississippi	MS
Rock	RK	Mexico	MX
Saint	ST	Michigan	MI
Second		Minnesota	MN
(time, geo, pos)	SEC	Montana	MT
Signal Station	SIG STA	Nebraska	NE
Station	STA	Nevada	NV
Statute Mile(s)	SM	New Hampshire	NH
Storm Signal		New Jersey	NJ
Station	S SIG STA	New Mexico	NM
Temporary	TEMP	New York	NY
Thunderstorm	TSTORM	North Carolina	NC
Through	THRU	North Dakota	ND
True	T	Northern Marianas	MP
Uncovers, Dries	UNCOV	Ohio	ОН
Universal Coordinate Time	UTC	Oklahoma	OK
Urgent Marine	010	Oregon	OR
Information	UMIB	Pennsylvania	PA
Broadcast		Puerto Rico	PR
Velocity	VEL	Rhode Island	RI
Vertical Clearance	VERT CL	South Carolina	SC
Vessel Traffic		South Dakota	SD
Service	VTS	Tennessee	TN
Visibility	VIS	Texas	TX
Yard(s)	YD	United States	US
Warning	WARN	Utah	UT
Weather	WX	Vermont	VT
Wreck	WK	Virgin Islands	VI
		Washington	WA
		West Virginia	WV
		Wisconsin	WI
		Wyoming	WY

GLOSSARY OF AIDS TO NAVIGATION TERMS

Adrift: Afloat and unattached in any way to the shore or seabed.

Aid to Navigation: Any device external to a vessel or aircraft specifically intended to assist navigators in determining their position or safe course, or to warn them of dangers or obstructions to navigation.

Automatic Identification System Aid to Navigation (AIS-ATON): An aid to navigation signal that is broadcast through AIS. They can be physical, synthetic, or virtual.

Alternating Lights: A rhythmic light showing light of alternating colors.

Arc of Visibility: The portion of the horizon over which a lighted aid to navigation is visible from seaward.

Articulated Beacon: A beacon-like buoyant structure, tethered directly to the seabed and having no watch circle. Called articulated light or articulated daybeacon, as appropriate.

Assigned Position: The latitude and longitude position for an aid to navigation.

Beacon: A lighted or unlighted fixed aid to navigation attached directly to the earth's surface. (Lights and Daybeacons both constitute beacons.

Bearing: The horizontal direction of a line of sight between two objects on the surface of the earth.

Bell: A sound signal producing bell tones by means of a hammer actuated by electricity on fixed aids and by sea motion on buoys.

Bifurcation: The point where a channel divides when proceeding from seaward. The place where two tributaries meet.

Broadcast Notice to Mariners: A radio broadcast designed to provide important marine information.

Buoy: A floating object of defined shape and color, which is anchored at a given position and serves as an aid to navigation.

Characteristic: The audible, visual, or electronic signal displayed by an aid to navigation to assist in the identification of an aid to navigation. Characteristic refers to lights, sound signals, RACONS, and Daybeacons.

Commissioned: The action of placing a previously discontinued aid to navigation back in service.

Composite Group Flashing Light: A group flashing light in which the flashes are combined in successive groups of different numbers of flashes.

Composite Group-Occulting Light: A light like a group occulting light except that the successive groups in a period have different numbers of eclipses.

Conventional Direction of Buoyage: The general direction taken by the mariner when approaching a harbor, river, estuary, or other waterway from seaward, or proceeding upstream or in a direction of the main stream of flood tide, or in the direction indicated in appropriate nautical documents (normally, following a clockwise direction around land masses).

Daybeacon: An unlighted fixed structure which is equipped with a dayboard for daytime identification.

Dayboard: The daytime identifier of an aid to navigation presenting one of several standard shapes (square, triangle, rectangle) and colors (red, green, white, orange, yellow, or black).

Daymark: The daytime identifier of an aid to navigation. (See column 7 of the Light List)

Diaphone: A sound signal which produces sound by means of a slotted piston moved back and forth by compressed air. A "two- tone" diaphone produces two sequential tones with a second tone of lower pitch.

Directional Light: A light illuminating a sector or very narrow angle and intended to mark a direction to be followed.

Discontinued: To remove from operation (permanently of temporarily) a previously authorized aid to navigation.

Discrepancy: Failure of an aid to navigation to maintain its position or function as prescribed in the Light List.

Discrepancy Buoy: An easily transportable buoy used to temporarily replace an aid to navigation not watching properly.

Dolphin: A minor aid to navigation structure consisting of a number of piles driven into the seabed or riverbed in a circular pattern and drawn together with rope.

Eclipse: An interval of darkness between appearances of a light.

Emergency Light: A light of reduced intensity displayed by certain aids to navigation when the main light is extinguished.

Establish: To place an authorized aid to navigation in operation for the first time.

Extinguished: A lighted aid to navigation which fails to show a light characteristic.

Fixed Light: A light showing continuously and steady, as opposed to a rhythmic light. (Do not confuse with

"fixed" as used to differentiate from "floating".)

Flash: A relatively brief appearance of a light, in comparison with the longest interval of darkness in the same characteristic.

Flash tube: An electronically controlled highintensity discharge lamp with a very brief flash duration.

Flashing Light: A light in which the total duration of the light in each period is clearly shorter than the total duration of the darkness and in which the flashed of light are all of equal duration. (Commonly used for a single-flashing light which exhibits only single flashes which are repeated at regular intervals.)

Floating Aid to Navigation: A buoy, secured in its assigned position by a mooring.

Fog Detector: An electronic device used to automatically determine conditions of visibility which warrant the activation of a sound signal or additional light signals.

Fog Signal: See sound signal.

Geographic Range: The greatest distance the curvature of the earth permits an object of a given height to be seen from a particular height of eye without regard to luminous intensity or visibility conditions.

Global Positioning System (GPS): A satellite-based radio-navigation system providing continuous worldwide coverage. It provides navigation, position, and timing information to air, marine, and land users.

Gong: A wave actuated sound signal on buoys which uses a group of saucer- shaped bells to produce different tones.

Group Flashing Light: A flashing light in which a group of flashes, specified in number, is regularly repeated.

Group Occulting Light: An occulting light in which a group of eclipses, specified in number, regularly repeated.

Horn: A sound signal which uses electricity or compressed air to vibrate a disc diaphragm.

Inoperative: Sound signal or electronic aid to navigation out of service due to a malfunction.

Intermediate Peripheral Structure: are structures on the edge of a wind farm.

Interrupted Quick Flash: A quick flashing light in which the rapid alternations are interrupted at regular intervals by eclipses of long duration.

Isolated Danger Mark: A mark erected on, or moored above or very near, an isolated danger which has navigable water all around it.

Isophase Light: A rhythmic light in which all durations of light and darkness are equal.

Junction: The point where a channel divides when proceeding seaward. The place where a distributary departs from the mainstream.

Lateral System: A system of aids to navigation in which characteristics of buoys and beacons indicate the sides of a channel or route relative to a Conventional Direction of Buoyage (usually upstream).

Light: The signal emitted by a lighted aid to navigation. The illuminating apparatus used to emit the light signal. A lighted aid to navigation on a fixed structure.

Light Sector: The arc over which a light is visible, described in degrees true, as observed from seaward towards the light. May be used to define distinctive color difference of two adjoining sectors, or an obscured sector.

Lighted Ice Buoy (LIB): A lighted buoy without a sound signal and designed to withstand the forces of shifting and flowing ice. Used to replace a conventional buoy when that aid to navigation is endangered by ice.

Lighthouse: A lighted beacon of major importance.

Local Notice to Mariners: A written document issued by each U.S. Coast Guard district to

disseminate important information affecting aids to navigation, dredging, marine construction, special marine activities, and bridge construction on waterways within that district.

Luminous Range: The greatest distance a light can be expected to be seen given its nominal range and the prevailing meteorological visibility.

Mariner Radio Activated Sound Signal

(MRASS): A system that allows the mariner to activate an ATON sound signal or light signal if the aid is so equipped. Once activated, the signal will continue to sound or remain lit for a period of time noted in the Light List before shutting down and going into standby mode again. The signal is activated by keying the microphone 5 consecutive times on VHF/FM channel 81A/157.075Mhz.

Mark: A visual aid to navigation. Often called navigational mark, including floating marks (buoys) and fixed marks (beacons).

MATON: A Mobile Aid to Navigation in which a mark is attached to floating objects which may be a collision hazard. A MATON has a defined light characteristic of three flickering flashes, followed by two regular flashes.

Meteorological Visibility: The greatest distance at which a black object of suitable dimension could be seen and recognized against the horizon sky by day, or in case of night observations, could be seen and recognized if the general illumination were raised to the daylight level.

Mileage Number: A number assigned to aids to navigation which gives the distance in sailing miles along the river from a reference point to the aid to navigation. The number is used principally in the Mississippi River

Nominal Range: The maximum distance a light can be seen in clear weather (meteorological visibility of 10 nautical miles). Listed for all lighted aids to navigation except range lights, directional lights, and private aids to navigation.

Occulting Light: A light in which the total duration of light in each period is clearly longer than the total duration of the darkness and in which the intervals of darkness (occultations) are all of equal duration. Commonly used for single occulting light which exhibits only single occultation which are repeated at regular intervals.

Ocean Data Acquisition System (ODAS):

Certain large buoys in deep water for the collection of oceanographic and meteorological information. All ODAS buoys are yellow in color and display a yellow light.

Offshore Tower: Monitored light stations built on exposed marine sites to replace lightships.

Off Station: A floating aid to navigation that is not on its assigned position.

Passing Light: A low intensity light which may be mounted on the structure of another light to enable the mariner to keep the latter light in sight when passing out of its beam during transit.

Period: The interval of time between the commencements of two identical successive cycles of the characteristic of the light or sound signal.

Physical AIS-ATON: AIS-ATON message broadcast from a transponder affixed to the corresponding buoy and beacon.

Pile: A long, heavy steel, concrete or timber driven into the seabed or riverbed to serve as a support for an ATON.

Port Hand Mark: A buoy or beacon which is left to the port hand when proceeding in the "Conventional Direction of Buoyage".

Preferred Channel Mark: A lateral mark indicating a channel junction or bifurcation, or a wreck or other obstruction which after consulting a chart, may be passed on either side.

Primary Aid to Navigation: An aid to navigation established for the purpose of making landfalls and coastwise passages from headland to headland.

Quick Light: A light exhibiting very rapid regular alternations of light and darkness, normally 60 flashes per minute.

RACON: A radar beacon which produces a coded response or radar paint, when triggered by a radar signal.

Radar: An electronic system designed to transmit radio signals and receive reflected images of those signals from a "target" in order to determine the bearing and distance to the "target".

Radar Reflector: A special fixture fitted to or incorporated into the design of certain aids to navigation to enhance their ability to reflect radar energy. In general, these fixtures will materially improve the aid to navigation for use by vessels with radar.

Range: A line formed by the extension of a line connecting two charted points.

Range lights: Two lights associated to form a range which often, but not necessarily, indicates the channel centerline. The front range light is the lower of the two, and nearer to the mariner using the range. The rear light is higher and further from the mariner.

Rebuilt: A fixed aid to navigation, previously destroyed, which has been restored as an aid to navigation.

Regulatory Marks: A white and orange aid to navigation with no lateral significance. Used to indicate a special meaning to the mariner, such as danger, restricted operations, or exclusion area.

Relighted: An extinguished aid to navigation returned to its advertised light characteristics.

Replaced: An aid to navigation previously off station, adrift, or missing, restored by another aid to navigation of the same type and characteristics.

Replaced (temporarily): An aid to navigation previously off station, adrift, or missing restored by another aid to navigation of a different type and/or characteristic.

Reset: A floating aid to navigation previously off station, adrift or missing, returned to its assigned position (station).

Rhythmic Light: A light showing intermittently with a regular periodicity.

Sector: See light sector.

Setting a Buoy: The act of placing a buoy on assigned position in the water.

Significant Peripheral Structure (SPS): normally a corner structure and other significant points on the boundary of a wind farm.

Siren: A sound signal which uses electricity or compressed air to actuate either a disc or a cup shaped rotor.

Skeleton Tower: A tower, usually of steel, constructed of heavy corner members and various horizontal and diagonal bracing members.

Sound Signal: A device which transmits sound, intended to provide information to mariners during periods of restricted visibility and foul weather.

Starboard Hand Mark: A buoy or beacon which is right to the starboard hand when proceeding in the Conventional Direction of Buoyage.

Synthetic AIS-ATON: AIS ATON message broadcast (typically from shore) to an assigned position with a corresponding buoy or beacon.

Top mark: One or more relatively small objects of characteristic shape and color placed on aid to identify its purpose.

Traffic Separation Scheme: Shipping corridors marked by buoys which separate incoming from outgoing vessels. Improperly called SEA LANES.

Virtual AIS-ATON: AIS ATON message broadcast (typically from shore) to an assigned position with no corresponding buoy or beacon.

Watching Properly: An aid to navigation on its assigned position exhibiting the advertised characteristics in all respects.

Whistle: A wave actuated sound signal on buoys which produces sound by emitting compressed air through a circumferential slot into a cylindrical bell chamber.

Wind Farm: A grouping of structures in a designated area used for wind power generation.

Winter Marker: An unlighted buoy without a sound signal, used to replace a conventional buoy when an aid to navigation is endangered by ice.

Winter Light: A light which is maintained during those winter months when the regular light is extinguished. It is of lower candlepower than the regular light, but usually the same characteristic.

Withdrawn: The discontinuance of an aid to navigation or equipment on an aid to navigation during severe ice conditions or for the winter season.

CHARACTERISTICS OF LIGHTS

Illustration	Type Description	Abbreviation
	1. <u>FIXED</u> . A light showing continuously and steadily.	F
	2. OCCULTING. A light in which the total duration of light in a period is longer than the total duration of darkness and the intervals of darkness (eclipses) are usually of equal duration	
	2.1 Single-occulting. An occulting light in which an eclipse is regularly repeated.	Oc
	2.2 Group-occulting. An occulting light in which a group of eclipses, specified in numbers, is regularly repeated.	Oc (2)
	2.3 Composite group-occulting. A light, similar to a group-occulting light, except that successive groups in a period have different numbers of eclipses.	Oc (2+1)
	3. ISOPHASE. A light in which all durations of light and darkness are equal.	Iso
	4. FLASHING. A light in which the total duration of light in a period is shorter than the total duration of darkness and the appearances of light (flashes) are usually of equal duration.	
	4.1 Single-flashing. A flashing light in which a flash is regularly repeated (frequency not exceeding 30 flashes per minute).	Fl
	4.2 Group-flashing. A flashing light in which a group of flashes, specified in number, is regularly repeated.	Fl (2)
	4.3 Composite group-flashing. A light similar to a group flashing light except that successive groups in the period have different numbers of flashes.	Fl (2+1)
	5. QUICK. A light in which flashes are produced at a rate of 60 flashes per minute.	
	5.1 <u>Continuous quick</u>.A quick light in which a flash is regularly repeated.	Q
	5.2 Interrupted quick. A quick light in which the sequence of flashes is interrupted by regularly repeated eclipses of constant and long duration.	I Q
	6. MORSE CODE. A light in which appearances of light of two clearly different durations (dots and dashes) are grouped to represent a character or characters in the Morse code.	Mo (A)
	7. FIXED AND FLASHING. A light in which a fixed light is combined with a flashing light of higher luminous intensity.	F Fl
R W R W R W	8. <u>ALTERNATING.</u> A light showing different colors alternately	Al RW

LIST OF NAIS AND LOMA BROADCAST BASE STATIONS AND THEIR LOCATIONS

(Table sorted by MMSI)

AIS BASE		(Table Softed by Wilvist)		
STATION	MMSI	LOCATION	LATITUDE	LONGITUDE
TYPE				
LOMA	TBD	Red Bud	38-11-20.544N	89-53-25.260W
LOMA	100553	Lexington	39-9-29.844N	93-54-44.244W
LOMA	101135	Knoxville - TVA	35-57-58.032N	83-55-14.088W
LOMA	830361	Port of Decatur	34-37-12.342N	86-59-15.709W
LOMA	3660554	Mississippi L&D 22	39-38-9.624N	91-14-58.618W
LOMA	3660556	MVD Test Site	32-20-55.194N	90-52-53.220W
NAIS	3660608	Bethany	41-24-17.399N	072-59-58.301W
NAIS	3660609	Shinnecock	40-50-52.800N	072-30-10.501W
NAIS	3660610	Cohasset	42-14-35.999N	070-50-11.000W
NAIS	3660611	Greenbury Point	38-58-44.501N	076-27-15.199W
NAIS	3660612	Alexandria	38-45-14.090N	077-07-35.692W
NAIS	3660613	Ongunquit	43-14-51.690N	070-38-21.640W
NAIS	3660614	Swans Island	44-09-41.918N	068-25-21.788W
NAIS	3660615	Westbrook	43-44-38.000N	070-20-03.001W
NAIS	3660616	Putnam Valley	41-25-54.901N	073-52-49.598W
NAIS	3660617	Troy	42-47-08.999N	073-37-41.002W
NAIS	3660618	Miacomet	41-15-05.050N	070-07-43.900W
NAIS	3660619	Orleans	41-47-29.699N	069-59-35.999W
NAIS	3660620	Warwick	41-39-53.302N	071-31-18.300W
NAIS	3660622	Buxton	35-14-43.879N	075-32-02.609W
NAIS	3660623	Mamie	36-08-08.830N	075-49-27.131W
NAIS	3660624	Stacy	34-52-24.920N	076-24-53.890W
NAIS	3660625	Sneads Ferry	34-31-05.081N	077-26-53.059W
NAIS	3660626	Southport	33-56-56.000N	078-00-42.001W
NAIS	3660627	Carnigan	31-27-52.898N	081-29-05.690W
NAIS	3660628	Garden City	33-36-03.218N	079-03-04.342W
NAIS	3660629	McClellanville	33-05-21.502N	079-29-25.001W
NAIS	3660630	Port Royal	32-25-11.410N	080-28-30.360W
NAIS	3660631	Jacksonville	30-16-35.000N	081-33-51.998W
NAIS	3660632	Saint Cloud	28-16-45.300N	081-01-23.999W
NAIS	3660633	Princeton	25-32-23.798N	080-28-06.499W
NAIS	3660634	Truman Annex	24-33-01.102N	081-48-20.902W
NAIS	3660635	Lake Worth	26-35-21.199N	080-12-43.279W
NAIS	3660636	Monte Del Estado	18-09-07.999N	066-59-26.999W
NAIS	3660637	Cerro Maravilla	18-09-10.810N	066-33-14.830W
LOMA	3660638	Dardanelle L&D (#10)	35-15-0.360N	93-10-4.908W
LOMA	3660641	Ozark L&D (#11)	35-28-18.582N	93-48-44.338W
LOMA	3660643	Murray L&D (7)	34-47-26.292N	92-21-30.240W
LOMA	3660650	Marmet L&D	38-15-17.646N	81-33-57.222W

AIS BASE STATION TYPE	MMSI	LOCATION	LATITUDE	LONGITUDE
LOMA	3660657	Fort Loudoun L&D	35-47-22.560N	84-14-30.120W
LOMA	3660658	Wheeler Gen Joe L&D	34-48-50.724N	87-22-59.412W
LOMA	3660661	Thatcher L&D	33-18-23.568N	92-29-0.060W
LOMA	3660667	Thomas J. Obrien L&D	41-39-5.724N	87-34-3.000W
LOMA	3660669	Red River L&D 3	31-31-18.036N	92-43-39.000W
LOMA	3660670	Dashields L&D	40-32-55.752N	80-12-23.868W
LOMA	3660673	Mississippi L&D 10	42-47-9.708N	91-5-45.359W
LOMA	3660674	Mississippi L&D 2	44-45-35.868N	92-52-9.358W
LOMA	3660675	Mississippi L&D 4	44-19-33.600N	91-55-8.278W
LOMA	3660676	Mississippi L&D 5	44-9-36.792N	91-48-46.019W
LOMA	3660677	Mississippi L&D 6	44-0-1.326N	91-26-15.180W
LOMA	3660678	Mississippi L&D 7	43-51-57.726N	91-18-36.299W
LOMA	3660679	Mississippi L&D 8	43-34-15.120N	91-13-46.319W
LOMA	3660682	Dresden L&D	41-23-51.720N	88-16-56.172W
LOMA	3660683	Emsworth L&D	40-30-18.000N	80-5-18.708W
LOMA	3660684	Melvin Price L&D	38-52-16.061N	90-9-5.940W
LOMA	3660687	La Grange L&D	39-56-28.284N	90-32-5.208W
LOMA	3660688	Mississippi L&D 11	42-32-26.808N	90-38-33.180W
LOMA	3660689	Mississippi L&D 12	42-15-38.874N	90-25-22.559W
LOMA	3660690	Mississippi L&D 13	41-53-51.912N	90-9-15.959W
LOMA	3660691	Mississippi L&D 14	41-34-25.398N	90-24-11.819W
LOMA	3660692	Mississippi L&D 15	41-31-3.228N	90-33-48.838W
LOMA	3660693	Mississippi L&D 16	41-25-29.940N	91-0-35.100W
LOMA	3660694	Mississippi L&D 17	41-11-32.688N	91-3-26.158W
LOMA	3660695	Mississippi L&D 18	40-52-54.504N	91-1-25.198W
LOMA	3660696	Mississippi L&D 19	40-23-48.192N	91-22-29.460W
LOMA	3660697	Mississippi L&D 20	40-8-38.376N	91-30-56.459W
LOMA	3660698	Mississippi L&D 21	39-54-11.772N	91-25-43.079W
LOMA	3660699	Mississippi L&D 24	39-22-25.530N	90-54-22.619W
LOMA	3660700	Mississippi L&D 25	39-0-11.388N	90-41-22.258W
LOMA	3660701	Lockport L&D	41-34-6.402N	88-4-37.618W
LOMA	3660702	Marseilles L&D	41-19-42.031N	88-45-11.880W
LOMA	3660703	Peoria L&D	40-37-55.626N	89-37-27.480W
LOMA	3660704	Columbia L&D	32-10-0.588N	92-6-36.720W
LOMA	3660706	Old Hickory L&D	36-17-43.998N	86-39-23.998W
LOMA	3660709	Wilson L&D	34-48-17.106N	87-37-40.620W
LOMA	3660710	Felsenthal L&D	33-3-34.560N	92-7-22.332W
LOMA	3660711	Waggonner Jr., Joe D. L&D	32-14-59.496N	93-29-46.680W
LOMA	3660712	John H. Overton L&D	31-11-16.152N	92-17-32.820W
LOMA	3660713	Jonesville L&D	31-28-58.512N	91-51-37.188W

AIS BASE STATION TYPE	MMSI	LOCATION	LATITUDE	LONGITUDE
LOMA	3660714	Lindy Claiborne Boggs L&D	31-15-14.591N	91-57-32.544W
LOMA	3660715	Russell B. Long L&D (L&D 4)	31-56-23.111N	93-16-13.966W
LOMA	3660717	Allegheny L&D 4	40-36-49.464N	79-43-10.272W
LOMA	3660726	Terry, David D. L&D (6)	34-39-58.272N	92-9-20.999W
LOMA	3660727	Emmett Sanders L&D	34-14-50.064N	91-54-20.412W
LOMA	3660728	James W. Trimble L&D (13)	35-20-54.744N	94-17-52.908W
LOMA	3660729	Joe Hardin L&D (3)	34-9-50.004N	91-40-40.728W
LOMA	3660730	Norrell L&D (1)	34-1-11.988N	91-11-43.019W
LOMA	3660731	R. S. Kerr Lake L&D (15)	35-20-52.998N	94-46-43.979W
LOMA	3660732	Toad Suck Ferry L&D (#8)	35-4-34.998N	92-32-21.959W
LOMA	3660733	W. D. Mayo L&D (14)	35-18-52.998N	94-33-34.978W
LOMA	3660734	Webbers Falls Lake L&D (16)	35-33-16.002N	95-10-4.980W
LOMA	3660738	Starved Rock L&D	41-19-28.782N	88-59-7.980W
LOMA	3660744	Ensley Engineering Yard	35-4-12.011N	90-7-21.396W
LOMA	3660839	Green River L&D 2	37-31-54.084N	87-15-55.188W
LOMA	3660842	Kaskaskia River Nav. L&D	37-59-3.012N	89-56-47.256W
LOMA	3660846	Mississippi L&D 3	44-36-35.838N	92-36-39.298W
LOMA	3660848	Gray's Landing L&D	39-49-28.956N	79-55-13.656W
LOMA	3660850	Monongahela R L&D 3	40-15-50.268N	79-53-56.699W
LOMA	3660851	Monongahela R L&D 4 (Charleroi)	40-8-49.986N	79-53-56.159W
LOMA	3660854	Point Marion L&D	39-43-41.243N	79-54-44.748W
LOMA	3660855	Hannibal L&D	39-39-54.900N	80-51-57.060W
LOMA	3660856	John T. Myers L&D	37-47-41.640N	87-59-33.108W
LOMA	3660858	Olmsted L&D	37-11-0.918N	89-3-49.799W
LOMA	3660859	Markland L&D	38-46-27.642N	84-57-58.032W
LOMA	3660860	McAlpine L&D	38-16-44.562N	85-47-28.464W
LOMA	3660861	Montgomery L&D (OH)	40-38-52.710N	80-23-6.958W
LOMA	3660862	New Cumberland L&D	40-31-32.928N	80-37-41.340W
LOMA	3660863	Newburgh L&D	37-55-56.034N	87-22-26.098W
LOMA	3660865	Smithland L&D	37-9-59.216N	88-25-41.506W
LOMA	3660870	USACE AREC	38-35-25.800N	90-12-21.960W
LOMA	3660872	St. Mary's (Soo Locks)	46-30-9.529N	84-20-56.314W
LOMA	3660875	Fulton L&D	34-15-27.396N	88-25-26.544W
LOMA	3660876	Glover Wilkins L&D	34-3-53.536N	88-25-33.118W
LOMA	3660877	Howell Heflin L&D	32-50-13.344N	88-8-10.392W
LOMA	3660878	Stennis John C. L&D	33-31-3.828N	88-29-22.488W
LOMA	3660879	G.V. "Sonny" Montgomery L&D (TT)	34-31-18.840N	88-19-24.240W
LOMA	3660881	Bevill, Tom L&D	32-12-37.008N	88-17-13.992W
LOMA	3660882	Whitten, Jamie L&D	34-31-18.768N	88-19-24.420W
LOMA	3660886	Newt Graham L&D (18)	36-3-33.000N	95-32-10.979W

AIS BASE				
STATION	MMSI	LOCATION	LATITUDE	LONGITUDE
TYPE				
LOMA	3660890	Montgomery Point L&D	33-56-42.048N	91-5-15.058W
LOMA	3660891	Wilbur D. Mills L&D (2)	34-1-35.166N	91-14-48.538W
LOMA	3661113	Glasgow	39-14-27.852N	92-47-18.384W
NAIS	3669100	Burlington	39-58-13.300N	074-53-55.601W
NAIS	3669101	Cape May	38-56-40.981N	074-53-02.069W
NAIS	3669102	Manasquan	40-06-55.879N	074-02-00.910W
NAIS	3669135	Cape Mendocino	40-26-31.499N	124-23-46.788W
NAIS	3669136	Point Arena	38-53-52.800N	123-37-52.788W
NAIS	3669137	Walker Ridge	41-05-57.682N	124-07-36.624W
NAIS	3669138	Cambria	35-31-06.701N	121-03-35.784W
NAIS	3669139	Catalina Island	33-22-46.402N	118-24-58.896W
NAIS	3669140	Honda Ridge	34-35-17.498N	120-36-20.016W
NAIS	3669141	Laguna Peak	34-06-26.302N	119-03-54.000W
NAIS	3669142	Point Loma	32-40-13.400N	117-14-24.900W
NAIS	3669143	Eagle Rock	37-08-08.491N	122-11-46.932W
NAIS	3669144	Post Ranch	36-13-44.339N	121-46-05.041W
NAIS	3669145	Presidio	37-47-39.458N	122-27-53.064W
NAIS	3669146	Walnut Grove	38-14-22.900N	121-30-05.970W
NAIS	3669147	Elkhorn Mountain	45-44-21.901N	122-22-20.892W
NAIS	3669148	Kelso Notch	46-09-49.460N	122-51-09.576W
NAIS	3669149	Megler Mountain	46-15-43.999N	123-53-18.312W
NAIS	3669150	Rogue River	42-26-24.170N	124-25-02.200W
NAIS	3669151	Bahokus Peak	48-22-14.401N	124-40-22.692W
NAIS	3669152	Gold Mountain	47-32-55.930N	122-47-07.440W
NAIS	3669153	Mount Erie	48-27-14.290N	122-37-34.300W
NAIS	3669154	Seattle	47-36-56.999N	122-18-32.004W
NAIS	3669155	Mount Alutom	13-25-58.501N	144-42-45.299E
NAIS	3669156	Kawela	21-39-53.750N	158-00-00.910W
NAIS	3669157	Mauna Kapu	21-24-12.630N	158-05-52.640W
NAIS	3669158	Anchorage	61-16-09.420N	149-38-19.000W
NAIS	3669163	Proctor	35-06-02.185N	090-17-29.231W
NAIS	3669164	Ft Thomas	39-03-47.966N	084-26-29.868W
NAIS	3669165	Huntington	38-23-30.343N	082-29-29.760W
NAIS	3669166	Pittsburgh PA	40-28-19.056N	079-59-39.635W
NAIS	3669167	Imperial	39-23-18.377N	090-22-20.100W
NAIS	3669168	Bristol	43-54-59.003N	069-29-05.400W
NAIS	3669169	Catskill	42-12-34.160N	073-53-57.220W
NAIS	3669170	Montgomery	31-56-31.900N	081-07-17.490W
NAIS	3669171	Brunswick	30-49-39.800N	081-44-26.400W
NAIS	3669172	Palmetto	27-32-43.100N	082-34-27.330W
. 17, 11.5	3003172	. annecto	27 32 43.10011	JUL 37 27.330VV

AIS BASE STATION TYPE	MMSI	LOCATION	LATITUDE	LONGITUDE
NAIS	3669173	Caney Creek	28-50-40.210N	095-39-29.130W
NAIS	3669175	Baton Rouge	30-22-50.040N	091-03-16.500W
NAIS	3669176	Grammercy	30-04-25.200N	090-42-13.900W
NAIS	3669181	Bay City	43-32-33.100N	083-39-37.000W
NAIS	3669182	Maumee Bay	41-38-13.400N	083-22-01.600W
NAIS	3669183	Gulliver	46-03-26.000N	085-58-42.000W
NAIS	3669184	San Nicolas Island	33-14-22.000N	119-30-18.100W
NAIS	3669185	San Clemente Island	32-53-29.500N	118-27-33.900W
NAIS	3669186	San Onofre Peak	33-21-43.800N	117-29-45.800W
NAIS	3669187	Bush Bluff	37-08-08.260N	122-11-47.800W
NAIS	3669188	Pittsburg	37-58-09.000N	121-54-15.000W
NAIS	3669189	Seven Devils	43-16-27.000N	124-22-12.000W
NAIS	3669190	Merizo	13-16-51.400N	144-40-26.400E
NAIS	3669191	Biscayne Bay	25-32-24.972N	080-28-06.492W
NAIS	3669192	Miami	25-45-33.000N	080-11-30.800W
NAIS	3669193	Wilmette	42-04-37.850N	087-41-03.070W
NAIS	3669743	Swedesboro	39-43-32.498N	075-20-39.599W
NAIS	3669744	Tuckerton	39-37-54.910N	074-21-12.850W
NAIS	3669745	Merrick	37-33-27.202N	075-49-43.000W
NAIS	3669746	Nokomis	27-09-04.000N	082-27-50.000W
NAIS	3669747	Tarpon Springs	28-10-57.670N	082-46-04.330W
NAIS	3669748	Chincoteague	37-55-52.871N	075-22-56.759W
NAIS	3669749	Farnham	37-53-15.000N	076-37-59.999W
NAIS	3669750	Berlin	38-19-39.740N	075-11-48.080W
NAIS	3669751	Newport News	37-09-49.000N	076-32-08.050W
NAIS	3669752	Pungo	36-43-48.698N	076-00-32.400W
NAIS	3669753	El Yunque	18-18-38.002N	065-47-34.001W
NAIS	3669754	Sunset Bay	43-30-30.170N	076-22-16.050W
NAIS	3669755	Avon Lake	41-28-54.599N	082-01-25.201W
NAIS	3669756	Port St Joe	29-49-09.360N	085-15-33.870W
NAIS	3669757	Robertsdale	30-36-45.430N	087-38-41.660W
NAIS	3669758	Santa Rosa	30-22-28.200N	086-11-20.198W
NAIS	3669759	Shell Point	30-04-35.198N	084-18-05.198W
NAIS	3669760	Van Cleave	30-29-10.050N	088-42-53.260W
NAIS	3669761	North East	39-33-41.400N	075-55-46.801W
NAIS	3669762	Reggio	29-48-32.320N	089-45-45.950W
NAIS	3669764	C3CEN LAB TOP	36-52-53.7594N	076-21-33.480W
NAIS	3669765	C3CEN LAB TRANS	36-52-53.7594N	076-21-33.480W
NAIS	3669766	Bachelor	30-52-20.701N	091-40-23.700W
NAIS	3669767	Bayou Salle	29-38-18.600N	091-31-02.399W

AIS BASE STATION	MMSI	LOCATION	LATITUDE	LONGITUDE
TYPE		_		
NAIS	3669768	Conneaut	41-55-00.520N	080-32-57.008W
NAIS	3669769	Ripley	42-14-11.900N	079-39-33.901W
NAIS	3669770	Eden	42-39-03.701N	078-49-28.402W
NAIS	3669771	Venice	29-17-59.399N	089-22-28.499W
NAIS	3669772	Hamlin	43-18-09.601N	077-54-53.798W
NAIS	3669773	Lake Port	43-07-27.998N	082-31-37.999W
NAIS	3669774	Baytown	29-46-06.899N	095-01-04.598W
NAIS	3669775	High Island	29-33-56.902N	094-23-19.201W
NAIS	3669776	Port Austin	44-01-44.480N	083-00-04.250W
NAIS	3669777	Grand Chenier	29-46-22.699N	092-59-10.100W
NAIS	3669778	Wayne	42-17-04.700N	083-08-24.000W
NAIS	3669779	Ellison Bay	45-14-04.499N	087-05-27.600W
NAIS	3669780	Point Beach	44-12-22.309N	087-36-24.750W
NAIS	3669781	Aransas Pass	27-56-40.171N	097-07-54.451W
NAIS	3669782	Kenedy	26-59-24.270N	097-39-46.020W
NAIS	3669783	Oak Creek	42-51-21.499N	087-50-44.401W
NAIS	3669784	Michigan City	41-38-33.100N	086-59-52.700W
NAIS	3669785	Agnew	42-56-25.300N	086-08-19.100W
NAIS	3669786	Arcadia	44-27-02.300N	086-12-15.800W
NAIS	3669787	Alpena	45-12-42.001N	083-25-59.999W
NAIS	3669788	Bliss	45-41-13.999N	084-53-57.998W
NAIS	3669789	Porcupine Mountain	46-48-45.202N	089-40-08.000W
NAIS	3669792	Larsmont	47-00-17.540N	091-45-54.970W
NAIS	3669795	Maple Hill	47-47-42.000N	090-19-43.000W
NAIS	3669796	Grand Marais	46-38-29.000N	085-59-35.999W
NAIS	3669798	Marquette	41-38-13.190N	083-22-01.460W
NAIS	3669799	Eagle Harbor	47-22-11.399N	088-11-02.501W
LOMA	93661108	Prices Landing	37-1-33.384N	89-21-23.184W
LOMA	993660555	Cannelton L&D	37-53-58.884N	86-42-22.968W
LOMA	993660557	Bonneville L&D	45-38-13.092N	121-56-58.812W
LOMA	993660642	Ormond, Arthur L&D (9)	35-7-27.264N	92-47-8.268W
LOMA	993660644	Barkley L&D	37-1-9.120N	88-13-29.928W
LOMA	993660645	Ballard L&D (Chittenden)	47-39-55.872N	122-23-49.128W
LOMA	993660646	Belleville L&D	39-7-1.056N	81-44-34.188W
LOMA	993660647	Meldahl, Captain Anthony L&D	38-47-50.424N	84-10-21.108W
LOMA	993660648	Greenup L&D	38-38-52.620N	82-51-40.212W
LOMA	993660649	London L&D	38-11-37.296N	81-22-6.359W
LOMA	993660651	Robert C Byrd L&D	38-40-58.002N	82-11-4.978W
LOMA	993660652	Willow Island L&D	39-21-36.870N	81-19-17.638W
LOMA	993660653	Winfield L&D	38-31-39.966N	81-54-55.199W

AIS BASE				
STATION	MMSI	LOCATION	LATITUDE	LONGITUDE
TYPE				
LOMA	993660654	Chain of Rocks L&D (Lock 27)	38-42-10.584N	90-10-49.692W
LOMA	993660655	Cheatham L&D	36-19-14.988N	87-13-18.948W
LOMA	993660656	Chickamauga L&D	35-6-21.708N	85-13-41.232W
LOMA	993660659	Guntersville L&D	34-25-35.256N	86-23-29.472W
LOMA	993660660	Kentucky L&D	37-0-54.972N	88-15-55.548W
LOMA	993660662	Ice Harbor L&D	46-15-3.744N	118-52-50.880W
LOMA	993660663	Little Goose L&D	46-34-55.732N	118-1-39.648W
LOMA	993660664	Lower Granite L&D	46-39-36.564N	117-25-42.060W
LOMA	993660665	Lower Monumental L&D	46-33-51.012N	118-32-24.180W
LOMA	993660666	McNary L&D	45-56-26.304N	119-17-58.416W
LOMA	993660668	Braddock, Monongahela R L&D 2	40-23-32.568N	79-51-34.452W
LOMA	993660672	Mississippi L&D 1	44-54-50.658N	93-12-8.280W
LOMA	993660680	Mississippi L&D 9	43-12-42.708N	91-5-54.298W
LOMA	993660685	Racine L&D	38-55-6.162N	81-54-40.558W
LOMA	993660686	Brandon Road L&D	41-30-12.600N	88-6-12.168W
LOMA	993660705	Nickajack L&D	35-0-19.668N	85-37-9.178W
LOMA	993660707	Pickwick Landing L&D	35-3-53.286N	88-15-1.559W
LOMA	993660708	Watts Bar L&D	35-37-19.998N	84-46-45.959W
LOMA	993660716	Allegheny L&D 2	40-29-16.080N	79-54-58.752W
LOMA	993660723	Allegheny L&D 3	40-32-9.996N	79-48-57.960W
LOMA	993660725	Maynard, Col. Charles D. L&D (5)	34-24-46.908N	92-6-4.212W
LOMA	993660737	Black Rock L&D	42-56-2.112N	78-54-18.360W
LOMA	993660738	Bankhead L&D (John Hollis)	33-27-11.052N	87-21-27.072W
LOMA	993660739	Holt L&D	33-15-11.124N	87-26-57.228W
LOMA	993660740	Oliver L&D (William Bacon)	33-12-36.876N	87-35-36.240W
LOMA	993660741	Selden L&D	32-46-29.359N	87-49-50.520W
LOMA	993660753	The Dalles L&D	45-36-56.556N	121-8-15.360W
LOMA	993660835	Brazos East & West L&D	28-53-46.986N	95-23-17.642W
LOMA	993660836	Colorado River East & West L&D	28-41-2.004N	95-58-24.960W
LOMA	993660838	Green River L&D 1	37-51-33.084N	87-24-31.068W
LOMA	993660845	Trailer #1	32-17-56.400N	90-51-55.080W
LOMA	993660855	Gasconade	38-39-51.696N	91-32-21.696W
LOMA	993660864	Pike Island L&D	40-8-52.866N	80-42-4.799W
LOMA	993660873	Aberdeen L&D	33-49-48.450N	88-31-12.990W
LOMA	993660874	Amory L&D	34-0-39.996N	88-29-18.960W
LOMA	993660883	Coffeeville L&D	31-45-23.076N	88-7-42.672W
LOMA	993660884	Demopolis L&D	32-31-9.660N	87-52-46.992W
LOMA	993660885	Chouteau L&D (17)	35-51-25.992N	95-22-14.988W
LOMA	993661101	Maxwell L&D	40-0-4.176N	79-57-39.924W
LOMA	993661103	Vicksburg Bridge	32-18-52.312N	90-54-27.360W

AIS BASE STATION TYPE	MMSI	LOCATION	LATITUDE	LONGITUDE
LOMA	993661104	Greenville Bridge	33-17-8.117N	91-9-21.157W
LOMA	993661106	Brickeys	38-4-30.000N	90-13-23.988W
LOMA	993661107	Florence	39-37-57.904N	90-36-27.677W
LOMA	993661108	Pere Marquette	38-59-50.788N	90-31-3.104W
LOMA	993661110	Grand Tower	37-39-28.872N	89-30-45.108W
LOMA	993661111	Grays Point	37-14-58.812N	89-27-50.303W
LOMA	993661112	Caruthersville	36-11-35.016N	89-40-39.972W
LOMA	993661113	ERDC CHL TEST	32-17-59.755N	90-51-57.694W

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth Distric	t		
SAN I	DIEGO TO CAPE MENDOCINO Dart Tsunami Warning Lighted Buoy Station 46412	•	FI (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration.
SAN I 1.1	DIEGO TO SANTA ROSA ISLAN Scripps Waverider Lighted Research Buoy 191	ND (Chart 18740) 32-31-00.100N 117-25-30.700W	FI (5)Y 20s			Yellow sphere with whip antenna.	In Mexican waters. Private aid.
2	Cortes Bank Lighted Bell Buoy 2CB	32-26-35.367N 119-07-22.315W	FIR 4s		4	Red.	
4	OPT Research Buoy	32-35-20.399N 117-53-41.999W	FIY2s			Yellow Buoy, 5.3m- Connected to Surrounding 3 Tension Buoys.	Private aid.
4.1	OPT Tension Buoy 1	32-35-24.359N 117-53-41.999W	FIY4s			Orange Buoy, 2m- Connected to Research Buoy.	Private aid.
4.2	OPT Tension Buoy 2	32-35-28.420N 117-53-38.579W	FI Y 4s			Orange Buoy, 2m- Connected to Research Buoy.	Private aid.
4.3	OPT Tension Buoy 3	32-35-18.420N 117-53-45.419W	FI Y 4s			Orange Buoy, 2m- Connected to Research Buoy.	Private aid.
5	Point Loma Light	32-39-54.258N 117-14-33.601W	FI W 15s	88	14	Black house on white square pyramidal skeleton tower. 90	HORN: 1 blast ev 30s (3s bl). Horn is activated by keying the mic 5 times on VHF-FM Channel 83A. Horn will operate for 30 minutes.
10 1485	San Diego Bay Approach Lighted Whistle Buoy SD	32-37-20.204N 117-14-45.177W	Mo (A) W		5	Red and white stripes with red spherical topmark.	RACON: M () AIS MMSI: 993692029
11 1483	Pt Loma San Diego Research Buoy	32-40-10.510N 117-19-22.710W	FI Y 4s			Yellow Lighted Buoy with Aluminum Cage.	Private aid.
20	Ocean Beach Pier Fog Sound Signal	32-45-02.178N 117-15-33.134W					HORN: 1 blast ev 15s. Private aid.
25 2275	MISSION BAY SOUTH JETTY LIGHT 2	32-45-21.504N 117-15-32.341W	FI R 2.5s	15	5	TR on pile.	
30 2280	MISSION BAY NORTH JETTY LIGHT 1	32-45-30.600N 117-15-33.151W	FI G 6s	42	5	SG on skeleton tower.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). Operates by keying microphone five times on VHF-FM 81A.
38 2288.8	Scripps Waverider CDIP Lighted Research Buoy 201	32-52-04.260N 117-16-00.000W	FI (5)Y 20s			Yellow Sphere w/Whip Antenna.	Private aid.
45 2296	OCEANSIDE SOUTH JETTY LIGHT 2	33-12-21.745N 117-23-58.598W	FI R 2.5s	26	5	TR on post.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). The sound signal can be activated by keying VHF-FM Ch. 81A 5 times within 10 seconds.
50	CAMP PENDLETON SOUTH LIGHT	33-15-26.149N 117-26-11.228W	FI W 4s	53	6	White pyramidal structure.	
60	CAMP PENDLETON NORTH LIGHT	33-18-38.611N 117-28-57.572W	FI W 6s	63	6	White pyramidal structure.	
80	SAN MATEO POINT LIGHT	33-23-18.241N 117-35-44.642W	FI W 4s	63	9	NR on post.	
81	NOAA Environmental Lighted Buoy 46086	32-29-55.122N 118-03-09.554W	FI (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
82	NOAA Environmental Lighted Buoy 46047	32-23-18.000N 119-31-30.000W	FI (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
83	Scripps Waverider Lighted Research Buoy 067	33-13-09.400N 119-52-20.200W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
SAN I 85	DIEGO TO CAPE MENDOCINO Scripps Offshore CCE-1 Research Buoy SIO	(Chart 18020) 33-30-55.000N 122-30-18.400W	FIY4s			Yellow disk with skeleton tower.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleve	enth Distric	t		
SAN 90 2440	DIEGO TO SANTA ROSA ISLAI NEWPORT BAY WEST JETTY LIGHT 3	ND (Chart 18740) 33-35-17.963N 117-52-46.478W	FI G 2.5s	39	5	SG on steel monopile.	HORN: 1 blast ev 30s (3s bl) for 15 minutes. The sound signal can be activated by keying VHF- FM Ch. 83A 6 times within 10 seconds. Ra ref.
105	HUNTINGTON BEACH PIER LIGHT	33-39-10.000N 118-00-24.000W	FI W 4s	32		At end of concrete pier.	Private aid.
125 3012	Long Beach Light	33-43-23.497N 118-11-12.590W	FI W 5s	50	14	NG on a white building with columnar base.	HORN: 1 blast ev 30s (3s bl), operates continuously.
135 3110	Los Angeles Light	33-42-30.810N 118-15-05.984W	FI G 15s	73	14	White cylindrical tower with black stripes on white concrete block building. 73	Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si), operates continuously.
140	Point Fermin Light	33-42-17.310N 118-17-38.408W	FI W 10s	120	13	On pile. 13	
145	Point Fermin Lighted Whistle Buoy 6PF	33-41-55.783N 118-17-30.106W	FIR 4s		4	Red.	
158	Scripps Waverider Lighted Research Buoy 092	33-37-04.600N 118-19-00.600W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
160	Scripps Waverider CDIP Lighted Research Buoy 213	33-34-39.600N 118-10-55.300W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
170	Point Vicente Light	33-44-31.072N 118-24-38.314W	FI (2)W 20s	185	14	White cylindrical tower. 67	
175	Palos Verdes Point Lighted Bell Buoy 10PV	33-46-24.068N 118-26-43.318W	FIR 4s		4	Red.	
POIN 181	NT DUME TO PURISIMA POINT (NOAA Environmental Lighted Buoy 46025	Chart 18720) 33-45-19.000N 119-02-42.000W	FI (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
181.3	Scripps Waverider CDIP Lighted Research Buoy 203	33-46-08.400N 119-33-52.900W	FI (5)Y 20s			Yellow Sphere w/Whip .	Private aid.
181.6	NOAA Environmental Lighted Buoy 46069	33-40-44.259N 120-12-47.530W	FI (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
181.8	Scripps Waverider CDIP Lighted Research Buoy 138	33-24-21.600N 119-40-01.200W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
182	Scripps Waverider CDIP Lighted Research Buoy 234	33-40-45.000N 119-00-00.000W	FIY4s			YELLOW 3' DIAMETER SPHERE BUOY WITH 8' ANT.	Private aid.
185	Anacapa Island Light	34-00-57.028N 119-21-34.460W	FI (2)W 60s		14	White cylindrical tower.	HORN: 1 blast ev 15s (2s bl), operates continuously.
187	PLATFORM GAIL RACON	34-07-30.000N 119-24-01.000W					RACON: G () Private aid.
190 3585	Port Hueneme Light	34-08-42.624N 119-12-35.919W	FI (5)W 30s 0.1s fl 4.9sec. 0.1s fl 4.9sec. 0.1s fl 4.9sec. 0.1s fl 4.9sec. 0.1s fl 9.9sec.	52	14	White square tower on building. 48	Obscured from 296° to 155°. HORN: 1 blast ev 30s (3 sec blast). The sound signal can be activated by keying VHF-FM Ch. 81A 5 times within 10 seconds.
195	Santa Barbara Light	34-23-47.004N 119-43-21.539W	FI W 10s	142	14	White tower. 24	Light obscured from 090° to 275°.
196	NOAA Environmental Lighted Buoy 46053	34-14-32.707N 119-50-25.996W	FI (4)Y 20s			Yellow 3 Meter disc-shaped buoy	Aid maintained by National Oceanic and Atmospheric Administration.
198.1	NOAA Environmental Lighted Buoy 46054	34-16-26.000N 120-28-05.000W	FI (4)Y 20s			Yellow 3 Meter disc-shaped Buoy	Aid Maintained by National Oceangraphic and Atmospheric Administration

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			DUME TO PURISIMA	POINT (Cha	art 18720)	1	
198.5	Scripps CDIP Point Conception Buoy	34-18-00.000N 120-48-48.000W	FI W 4s				Private aid.
			CALIFORNIA - Elev	enth Distric	:t		
199	NT DUME TO PURISIMA POINT (Scripps SB Channel CCE-2 Research Buoy	34-18-32.760N 120-48-09.000W	FI (2)W 4s			White and orange striped disc-shaped buoy with aluminum tower.	Private aid.
200	Point Conception Light	34-26-55.063N 120-28-14.574W	FI W 30s	133	14	White tower behind white building. 52	
	Distress LIEDMOOA OAIO		DUME TO PURISIMA	POINT (Cha	art 18720)		Maria I ONIO de Blatford
200.5	Platform HERMOSA SAIS	34-27-20.401N 128-38-51.000W					Virtual SAIS on Platform Hermosa. Private aid.
			CALIFORNIA - Elev	enth Distric	:t		
POII 201	NT DUME TO PURISIMA POINT (Scripps Waverider Lighted Research Buoy 071	Chart 18720) 34-27-05.900N 120-46-47.300W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
000	Platform HARVEST ASTA		DUME TO PURISIMA	POINT (Cha	art 18720)		Virtual ACTA are Diations
202	Platform HARVEST ASTA	34-28-05.998N 120-40-54.001W					Virtual ASTA on Platform Harvest. Private aid.
203	PLATFORM HARVEST RACON	34-28-05.998N 120-40-54.001W					RACON on Virtual Aid on Platform Harvest. Private aid.
			CALIFORNIA - Elev	enth Distric	:t		
POII 204	NT DUME TO PURISIMA POINT (Platform HIDALGO SAIS	Chart 18720) 34-29-42.601N 120-42-11.998W					Virtual SAIS on Platform Hidalgo Private aid.
210	POINT ARGUELLO LIGHT	34-34-37.452N 120-38-50.146W	FI W 15s	97	9	On single post.	
211	Platform IRENE SAIS	34-36-38.401N 120-43-50.998W					Virtual SAIS on Platform Irene. Private aid.
214	Scripps Waverider CDIP Lighted Research Buoy 222	34-46-03.000N 121-29-52.800W	FI (5)Y 20s			Yellow Sphere w/ Whip Antenna.	Private aid.
215	NT CONCEPTION TO POINT SUF NOAA Environmental Lighted Buoy 46011	, ,	FI (4)Y 20s		4	Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
220	Souza Rock Lighted Gong Buoy 14SR	35-07-45.353N 120-44-23.485W	FI (2+1)R 6s		4	Red and green bands.	
225	San Luis Obispo Light	35-09-36.840N 120-45-37.822W	FI W 5s	116	14	18	Lighted throughout 24 hours.
230	Westdahl Rock Lighted Bell Buoy 1	35-08-45.704N 120-47-05.831W	FI G 6s		5	Green.	
235	Point Buchon Lighted Whistle Buoy 16	35-14-28.179N 120-54-30.419W	FIR 6s		4	Red.	
240 3835	MORRO BAY WEST BREAKWATER LIGHT	35-21-46.296N 120-52-11.417W	FI W 4s	36	9	White column.	Light obscured from 176° to 207°. HORN: (MRASS)1 blast ev 30s (3s bl). The sound signal can be activated by keying VHF-FM Ch.83A 6 times within 10 seconds.
265	Piedras Blancas Light	35-39-56.250N 121-17-03.639W	FI W 10s	142		White conical tower with a flat top. 142	Private aid.
275	NOAA Environmental Lighted Buoy 46028	35-46-12.000N 121-54-11.000W	FI (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth District	t		
POINT 280	SUR TO SAN FRANCISCO (C Point Sur Light	hart 18680) 36-18-22.513N 121-54-05.621W	FI W 15s	250	14	Light House 48	Emergency light of reduced intensity when main light is extinguished.
282	Scripps Waverider Lighted Research Buoy 157	36-20-05.200N 122-06-14.000W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
285	Cypress Point Lighted Gong Buoy 22	36-35-02.859N 121-59-06.820W	FI R 2.5s		4	Red.	
288	Monterey Bay (MBARI) Lighted Buoy (M1)	36-45-27.600N 122-02-10.300W	FIY4s			Yellow.	Private aid.
290	Point Pinos Light	36-38-00.165N 121-56-01.432W	Oc W 4s	89	17	Building 28	Emergency light of reduced intensity when main light is extinguished.
295	Point Pinos Lighted Bell Buoy 2	36-38-50.995N 121-56-38.816W	FIR 6s		4	Red.	
	IEGO TO CAPE MENDOCINO	` '					
SANT <i>A</i> 296	A CATALINA ISLAND (Chart 18 NOAA Environmental Lighted Buoy 46044	•	FI (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
296.1	NOAA Environmental Lighted Buoy 46FLO	36-40-05.535N 122-33-44.143W	FI (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
POINT 297	SUR TO SAN FRANCISCO (C NOAA Environmental Lighted Buoy 46042		FI (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
300 4085	SANTA CRUZ WEST BREAKWATER LIGHT	36-57-38.544N 122-00-07.920W	Oc G 4s	60	8	White cylindrical structure.	HORN: 1 blast ev 30s (3s bl).
305 4110	Santa Cruz Light	36-57-05.340N 122-01-36.360W	FI W 5s	60		White lantern house on brick building.39.	Light Obscured from 085 - 220 degrees. Private aid.
315	Ano Nuevo Island Lighted Whistle Buoy 24	37-05-47.825N 122-20-24.958W	FIR 6s		4	Red.	Timate aid.
320	Pigeon Point Light	37-10-54.281N 122-23-38.253W	FI W 10s	148	14	Cylindrical 110	
325	NOAA Environmental Lighted Buoy 46012	37-21-12.932N 122-52-47.834W	FI (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
330	Pillar Point Harbor Approach Lighted Buoy PP	37-28-20.012N 122-30-49.555W	Mo (A) W		4	Red and white stripes with red spherical topmark.	
335	Point Montara Light	37-32-11.324N 122-31-09.447W	FI W 5s	70	14	White conical tower.	
345	San Francisco South Traffic Lane Lighted Bell Buoy S	37-38-55.574N 122-41-42.014W	FI Y 4s		5	Yellow.	
	IEGO TO CAPE MENDOCINO	•					
346	A CATALINA ISLAND (Chart 16 San Francisco Approach Inbound Southern TSS V-AIS 1S	37-39-10.992N 122-39-47.275W					Virtual AIS MMSI: 993692009
346.5	San Francisco Approach Inbound Southern TSS V-AIS 2S	37-30-00.012N 122-39-54.055W					Virtual AIS MMSI: 993692010
347	San Francisco Approach Inbound VTS Southern Limit TSS V-AIS 3S	37-18-24.012N 122-39-46.075W					Virtual AIS MMSI: 993692011
347.5	San Francisco Approach Outbound VTS Southern Limit TSS V-AIS 4S	37-18-48.012N 122-43-38.035W					Virtual AIS MMSI: 993692017

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SAN	N DIEGO TO CAPE MENDOCINO	(Chart 18020)	CALIFORNIA - Elev	enth Distric	t		
SAN	NTA CATALINA ISLAND (Chart 1	8757)					
348	San Francisco Approach Outbound Southern TSS V-Al 5S	37-30-00.012N S 122-43-38.035W					Virtual AIS MMSI: 993692018
348.5	San Francisco Approach Outbound Southern TSS V-Al- 6S	37-39-16.032N S 122-43-38.035W					Virtual AIS MMSI: 993692019
POII	NT SUR TO SAN FRANCISCO (C	hart 18680)					
350	San Francisco West Traffic Lane Lighted Gong Buoy W	37-41-27.767N 122-47-40.017W	FI Y 2.5s		5	Yellow.	
	N DIEGO TO CAPE MENDOCINO NTA CATALINA ISLAND (Chart 1	` '					
351	San Francisco Approach Inbound Western TSS V-AIS 1W	37-40-43.992N 122-46-47.035W					Virtual AIS MMSI: 993692006
351.5	San Francisco Approach Inbound Western TSS V-AIS 2W	37-32-22.032N 123-02-47.035W					Virtual AIS MMSI: 993692007
352	San Francisco Approach Inbound VTS Western Limit TSS V-AIS 3W	37-29-26.232N 123-10-42.235W					Virtual AIS MMSI: 993692008
353	San Francisco Approach Outbound Exiting Western TSS V-AIS 5W	37-33-57.012N 123-04-08.035W					Virtual AIS MMSI: 993692015
353.5	San Francisco Approach Outbound Western TSS V-AIS 6W	37-42-21.012N 3 122-48-16.075W					Virtual AIS MMSI: 993692016
POII	NT SUR TO SAN FRANCISCO (C	Chart 18680)					
355	Farallon Light	37-41-57.105N 123-00-06.615W	FI W 15s	358	14	White conical tower. 41	
357	NOAA Environmental Lighted Buoy 46026	37-45-14.002N 122-50-20.528W	FI (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
360	San Francisco Approach Lighted Whistle Buoy SF	37-44-59.761N 122-41-33.995W	Mo (A) W		4	Red and white stripes with spherical topmark.	RACON: M () AIS MMSI: 993692001
365 4245	Mile Rocks Light	37-47-34.171N 122-30-37.405W	FI W 5s	49	14	On cylindrical structure with white and orange bands.	AIS MMSI: 993692039
370 4220	Point Bonita Light	37-48-56.132N 122-31-46.321W	Oc W 4s	124	18	White tower on building.	Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). The sound yHF-EM Ch. 81A 5 times within 10 seconds. AIS MMSI: 993692000
375	San Francisco North Traffic Lane Lighted Bell Buoy N	37-48-02.012N 122-47-55.055W	FI Y 4s		5	Yellow.	
SAN	N DIEGO TO CAPE MENDOCINO	(Chart 18020)					
SAN 376	NTA CATALINA ISLAND (Chart 1 San Francisco Approach Inbound Northern TSS V-AIS 1N	8757) 37-47-10.992N 122-48-32.035W					Virtual AIS MMSI: 993692003
376.5	San Francisco Approach Inbound Northern TSS V-AIS 2N	37-57-16.992N 123-10-44.035W					Virtual AIS MMSI: 993692004
377	San Francisco Approach Inbound VTS Northern Limit TSS V-AIS 3N	38-07-28.992N 123-21-35.035W					Virtual AIS MMSI: 993692005
377.5	San Francisco Approach Outbound VTS Northern Limit TSS V-AIS 4N	38-09-37.032N 123-20-33.055W					Virtual AIS MMSI: 993692012

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SAN D	DIEGO TO CAPE MENDOCINO	(Chart 18020)	CALIFORNIA - Elev	enth Distric	I		
SANT	A CATALINA ISLAND (Chart 18	3757)					\(\tau_1 \)
378	San Francisco Approach Outbound Northern TSS V-AIS 5N	37-58-49.992N 123-09-05.035W					Virtual AIS MMSI: 993692013
378.5	San Francisco Approach Outbound Northern TSS V-AIS 6N	37-48-54.012N 122-47-13.075W					Virtual AIS MMSI: 993692014
	SUR TO SAN FRANCISCO (C						
380	Noonday Rock Lighted Bell Buoy 28	37-47-35.394N 123-10-43.734W	FIR 4s		4	Red	
381	Scripps Waverider Lighted Research Buoy 029	37-56-25.200N 123-27-54.000W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
	FRANCISCO TO POINT ARENA	•	EL (4) V 200			Vallow host shaped	
382	NOAA Environmental Lighted Buoy 46059	38-04-09.000N 129-58-34.000W	FI (4)Y 20s			Yellow boat-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
385	Point Reyes Light	37-59-44.205N 123-01-23.413W	FI W 5s	265	14	Cylindrical structure on top of square building.	HORN: 1 blast ev 30s (3s bl), operates continuously.
390	NOAA Environmental Buoy 46013	38-14-05.000N 123-19-01.000W	FI (4)Y 20s		4	Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
395	Bodega Head Lighted Whistle Buoy 30	38-17-08.012N 123-04-13.055W	FIR 6s		4	Red.	
415	Arena Cove Lighted Bell Buoy A		Mo (A) W		4	Red and white stripes with red spherical topmark.	
420	Point Arena Light	38-57-17.139N 123-44-26.214W	FI W 15s	155	14	Light House 115	
POIN1 430	T ARENA TO TRINIDAD HEAD Albion River Lighted Whistle Buoy AR	(Chart 18620) 39-13-36.653N 123-47-18.238W	Mo (A) W		4	Red and white stripes with red spherical topmark.	
435	Little River Bell Buoy LR	39-15-57.085N 123-48-02.568W				Red and white stripes with red spherical topmark.	
440	Mendocino Bay Whistle Buoy MB	39-17-51.942N 123-48-44.130W				Red and white stripes with red spherical topmark.	
445	NOAA Environmental Lighted Buoy 46014	39-19-29.000N 123-58-47.000W	FI (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
SAN E 448	DIEGO TO CAPE MENDOCINO Dart Tsunami Warning Lighted Buoy Station 46411	•	FI (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration.
POINT	Γ ARENA TO TRINIDAD HEAD	(Chart 18620)					
450	Point Cabrillo Light	39-20-54.905N 123-49-33.828W	FI W 10s	81	22	Light House 47	Emergency light of reduced intensity when main light is extinguished.
455	Noyo Approach Lighted Whistle Buoy NA	39-25-55.083N 123-49-59.550W	Mo (A) W		4	Red and white stripes with red spherical topmark.	
465	Point Delgada Lighted Whistle Buoy 36	40-00-15.330N 124-04-51.966W	FIR 6s		4	Red.	
470	Shelter Cove Entrance Bell Buoy 1	40-00-34.430N 124-03-35.464W				Green.	
478	Scripps Waverider Lighted Research Buoy 094	40-17-41.400N 124-43-54.600W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
485	Blunts Reef Lighted Bell Buoy		FI R 2.5s		5	Red.	
490 8130	Humboldt Bay Entrance Lighted Whistle Buoy HB	40-46-24.085N 124-16-13.616W	Mo (A) W		4	Red and white stripes with red spherical topmark.	AIS: MMSI 993692035

Busy 46922 124-31-37-00W Busy Cocamina and American Private aid.	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
April				CALIFORNIA - Elev	enth District	1		
Research Buty 169 1242-125 200W Several Plant Processing Plant Plant Plant Lighted Budy 40006 104-025 2000N 137-22-37 000W 137-22-	POINT 500	NOAA Environmental Lighted	40-44-53.000N	FI (4)Y 20s				Oceanic and Atmospheric
Buoy 46006	505			FI (5)Y 20s				Private aid.
124-92-97-07FW File	510			FI (4)Y 20s		4		Oceanic and Atmospheric
TRINIDAD HEAD TO CAPE BLANCO (Chart 1860) Trinidad Head Light (13.06 89N) 124.09.05.2427) Trinidad Head Lighted Whiste 124.09.05.2427) Turtle Rocks Bell Bury 44 1-03.03.80N Bury 42 124.19-24.4460V 124.19-24.4460V 124.19-24.4460V 124.19-24.4460V 124.19-24.4460V 124.19-24.4460V 124.19-24.4460V 124.19-24.19-250 FIR 68 124.19-25.19-250 FIR 68 124.19-250 FIR 68 124.19-	515	Pilot Rock Gong Buoy 2					Red.	
Trinidad Head Light 14-03-06.886N 124-09-06.242W 125 14	520	Trinidad Harbor Bell Buoy 4					Red.	
Buoy 42	TRINII 525		41-03-06.869N	Oc W 4s	193	14		140°.
124-11-47-140W	530	•		FIR 6s		4	Red.	
124-10-43.137W 124-10-43.137W 124-10-43.137W 124-10-14.147.956W 124-11-47.956W	535	Turtle Rocks Bell Buoy 44					Red.	
24-11-47-956W 2 124-11-47-956W 555 9 On post HORN-1 blast ev 10s (1s bl), operates continuously. Operates	540	READING ROCK LIGHT		FI W 4s	98	3	NR on house.	
### STOP CAPE BLANCO FLIGHT 124-11-27.741W Coperates continuously. ### STOP CAPE BLANCO TO YAQUINA HEAD (Chart 18580) ### STOP CAPE BLANCO TO YAQUINA HEAD (Chart 18580) ### SAINT GE INTERIOR CAPE (Light 2000) ### STOP CAPE BLANCO TO YAQUINA HEAD (Chart 18580) ### SAINT GEORGE REEF	545 8360			FIR 6s		4	Red.	
124-12-11.000W Structure. Private aid. SAINT GEORGE REEF 41-50-14.000N FI W 12s 146 Gray tower on rock. Private aid. Gray tower on rock. Private aid. Restored historic light Private aid. Private aid. Restored historic light Private aid. Restored his	550 8370			FI W 5s	55	9	On post	
LIGHT	555	BATTERY POINT LIGHT		FI W 30s				•
Buoy 46027 124-22-54.000W Duoy. Oceanic and Atmospheric Administration. OREGON - Thirteenth District	561			FI W 12s	146			•
Chetco River Approach Lighted Whistle Buoy CR Lighted	562			FI (4)Y 20s				Oceanic and Atmospheric
Lighted Whistle Buoy CR 124-17-01.805W Stripes. aid as required by IALA standards due to weather.				OREGON - Thirtee	enth District			
124-15-45.000W 124-15-45.000W 124-15-45.000W 124-15-45.000W 124-15-45.000W 124-15-45.000W 124-15-45.000W 124-28-35.461W 124-28-35.461W 124-28-35.461W 124-28-35.461W 124-28-35.461W 124-28-35.461W 124-30-39.009W 124-30-39.009W 124-30-39.009W 124-30-39.009W 124-30-39.009W 124-50-37.000W 124-50-37.000W 124-50-37.000W 124-50-37.000W 124-30-39.009W 124-30-39.009W 124-30-39.009W 124-30-39.009W 124-30-39.009W 124-50-37.000W 124-50-37.000W 124-50-37.000W 124-30-39.009W 124-50-37.000W 124-30-39.009W 124-	565 8595			Mo (A) W		4		
Second Whistle Buoy R 124-28-35.461W Stripes.	570	Pelican Bay Light		FI (3)W 20s	141		tower attached to building.	Private aid.
Buoy 1	575 8650			Mo (A) W		4		topmark will be shown on this aid as required by IALA standards
Buoy 46015 124-50-37.000W Duoy. Oceanic and Atmospheric Administration.	580			FI G 4s		4	Green.	
124-33-49.207W tower, with red roof and ball topmark. 59 CAPE BLANCO TO YAQUINA HEAD (Chart 18580) 600 Coquille River Entrance 43-08-07.757N FI R 4s 4 Red. 8675 Lighted Whistle Buoy 2 124-27-50.720W 610 Baltimore Rock Lighted Buoy 43-21-17.242N FI Y 4s 4 Yellow. 878 BR 124-22-59.536W 619 BR CSU Cape Arago Research 43-18-00.000N FI Y 4s Yellow buoy. Private aid.	590			FI (4)Y 20s				Oceanic and Atmospheric
600 Coquille River Entrance 43-08-07.757N FI R 4s 4 Red. 8675 Lighted Whistle Buoy 2 124-27-50.720W 43-21-17.242N FI Y 4s 4 Yellow. 610 Baltimore Rock Lighted Buoy BR 43-21-17.242N FI Y 4s 4 Yellow. 612 OSU Cape Arago Research 43-18-00.000N FI Y 4s Yellow buoy. Private aid.	595	Cape Blanco Light		FI W 20s	245	26	tower, with red roof and ball topmark.	Lighted throughout 24 hours.
BR 124-22-59.536W 612 OSU Cape Arago Research 43-18-00.000N FI Y 4s Yellow buoy. Private aid.	CAPE 600 8675	Coquille River Entrance	43-08-07.757N	FIR 4s		4	Red.	
· · · · · · · · · · · · · · · · · · ·	610			FIY4s		4	Yellow.	
	612			FIY4s			Yellow buoy.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteen	th District			
613 8728	Scripps Institute Wave Recorder Lighted Buoy 46229/139	43-46-12.600N 124-32-54.720W	FI (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
CAP	E BLANCO TO YAQUINA HEAD	(Chart 18580)					
615 8730	Coos Bay Approach Lighted Whistle Buoy K	43-22-15.706N 124-23-06.765W	Mo (A) W		4	Red and white stripes.	AIS: MMSI 993692040 (21). No topmark will be shown on this aid as required by IALA standards due to weather.
620	UMPQUA RIVER LIGHT	43-39-44.258N	AI WR 15s			White conical	Lighted throughout 24 hours.
9260		124-11-54.719W	0.1s W fl 4.9sec. 0.1s W fl 4.9sec. 0.1s R fl 4.9sec.			concrete tower.	Private aid.
625 9220	Umpqua River Approach Lighted Whistle Buoy U	43-39-58.232N 124-14-25.484W	Mo (A) W		4	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
630 9435	Siuslaw River Approach Lighted Whistle Buoy S	44-01-08.244N 124-09-40.071W	Mo (A) W		4	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
635	Heceta Head Lighthouse	44-08-14.715N 124-07-41.582W	FI W 10s	205		White conical tower. 56	Lighted throughout 24 hours. Private aid.
641	NOAA Environmental Lighted Buoy 46050	44-40-08.000N 124-32-46.000W	FI (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
645 9575	Yaquina Bay Approach Lighted Whistle Buoy Y	d 44-35-52.542N 124-06-45.046W	Mo (A) W		5	Red and white stripes.	AIS: MMSI 993696002 (21). No topmark will be shown on this aid as required by IALA standards due to weather.
650	Yaquina Head Light	44-40-36.321N 124-04-46.054W	FI (2)W 20s 2s fl 2s ec. 2s fl 14s ec.	162	18	White conical tower, with black cupola and red roof with ball topmark.	Lighted throughout 24 hours.
651	OSU Waldport Offshore Research Lighted Buoy	44-22-15.000N 124-56-52.500W	FIY4s			Yellow buoy.	Private aid.
651.1	Pacwave South Spotter Lighted Buoy S	44-33-45.000N 124-13-58.800W	FI W 2.5s			Yellow sphere buoy.	Private aid.
651.2	Pacwave South Research Lighted Buoy	44-34-00.000N 124-13-58.800W	FI W 2.5s			Yellow tower buoy.	Private aid.
651.3	Pacwave South Spotter Lighted Buoy N	44-34-15.000N 124-13-58.800W	FI W 2.5s			Yellow sphere buoy.	Private aid.
651.5	OSU Newport Shelf Research Lighted Buoy	44-38-20.040N 124-18-13.680W	FIY4s			Yellow buoy.	Private aid.
653	OSU Nye Beach Research Lighted Buoy	44-39-30.168N 124-05-44.592W	FIY4s			Yellow buoy.	Private aid.
654.1	Pacwave North Spotter Lighted Buoy A	44-40-54.480N 124-08-39.840W	FI W 2.5s			Yellow sphere buoy.	Private aid.
654.2	Pacwave North Spotter Lighted Buoy B	44-41-21.120N 124-08-40.560W	FI W 2.5s			Yellow sphere buoy.	Private aid.
654.3	Pacwave North Spotter Lighted Buoy C	44-41-49.920N 124-08-43.330W	FI W 2.5s			Yellow sphere buoy.	Private aid.
YAQ 655 9780	UINA HEAD TO COLUMBIA RIV Depoe Bay Approach Lighted Whistle Buoy DB		Mo (A) W		4	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
665	Cape Kiwanda Whistle Buoy CK	45-12-54.790N 123-59-55.242W				Yellow.	
680 9810	Tillamook Bay Approach Lighted Whistle Buoy T	45-35-35.373N 123-58-52.353W	Mo (A) W		4	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
687	CMOP Seaside Research Lighted Buoy	46-02-06.000N 124-14-36.000W	FIY4s			Yellow foam buoy.	Maintained from Apr 1 to Oct 1. Private aid.

(4)	(0)	(0)	(4)	(5)	(0)	(7)	(0)
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteen	th District			
YAC 688	QUINA HEAD TO COLUMBIA RIV NOAA Environmental Lighted Buoy 46029	•	FI (4)Y 20s			Yellow disk-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
689	NOAA Environmental Lighted Buoy 46089	45-56-12.000N 125-47-36.000W	FI (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
690	Columbia River Approach Lighted Whistle Buoy CR	46-11-06.002N 124-11-01.354W	Mo (A) W		5	Red and white stripes.	AIS: MMSI 993692023 (21). No topmark will be shown on this aid as required by IALA standards due to weather.
693	CMOP Cape Disappointment Research Lighted Buoy	46-10-24.000N 124-07-36.000W	FIY4s			Yellow foam buoy.	Maintained from Apr 1 to Oct 1. Private aid.
694	Scripps Institute Wave Recorder Lighted Buoy 46243/162	46-12-57.300N 124-07-41.280W	FI (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
			VASHINGTON - Thirte	enth Distri	ict		
695 9890	UMBIA RIVER TO DESTRUCTIO Cape Disappointment Light		500) Al WR 30s 0.2s W fl 14.8s ec. 0.2s R fl 14.8s ec.	220	W 21 R 19	White conical tower with white band at top and bottom, black band in middle, and a black cupola with ball topmark.	Lighted throughout 24 hours.
700	North Head Light	46-17-56.078N 124-04-40.795W	FI (2)W 30s 0.1s fl, 9.9s ec. 0.1s fl, 19.9s ec.	194	19	White conical tower with black roof and ball topmark.	Light is obscured eastward of 181°. Lighted throughout 24 hours.
710	Scripps Institute Wave Recorder Lighted Buoy 46248/179	46-08-00.180N 124-38-39.360W	FI (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
718 15533	Scripps Institute Wave Recorder Lighted Buoy 46211/036	46-51-24.240N 124-14-37.800W	FI (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
720 15530	Grays Harbor Light	46-53-17.597N 124-07-00.949W	AI WR 30s 0.1s W fl 14.9s ec. 0.1s R fl 14.9s ec.	123	W 20 R 18	White truncated octagonal pyramid tower, with green cupola and red roof, with ball topmark.	Lighted throughout 24 hours.
725 15535	Grays Harbor Approach Lighted Whistle Buoy GH	46-51-54.800N 124-14-25.636W	Mo (A) W		5	Red and white stripes.	RACON: G () AIS: MMSI 993692033 (21). No topmark will be shown on this aid as required by IALA standards due to weather.
727	OSU Grays Canyon Research Lighted Buoy	46-51-06.001N 124-58-00.012W	FIY4s			Yellow buoy.	Private aid.
728	OSU Westport Offshore Research Lighted Buoy	46-51-06.000N 124-57-50.000W	FIY4s			Yellow buoy.	Private aid.
728.5	OSU Westport Shelf Research Lighted Buoy	46-59-10.500N 124-33-58.620W	FI Y 4s			Yellow buoy.	Private aid.
730	OSU Copalis Head Research Lighted Buoy	47-07-59.988N 124-16-17.760W	FIY4s			Yellow buoy.	Private aid.
733	NOAA Environmental Lighted Buoy 46041	47-21-09.905N 124-44-22.398W	FI (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
APP 740 16075	PROACHES TO STRAIT OF JUAN Quillayute River Approach Lighted Whistle Buoy Q	I DE FUCA (Chart 18 47-53-24.413N 124-39-57.165W	Mo (A) W		4	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
745 16080	JAMES ISLAND LIGHT	47-54-17.494N 124-38-50.936W	FI W 6s	150	9	White house.	Light is obscured from 068° to 101° and from 111° to 293°.
750 16130	Strait of Juan de Fuca Traffic Separation Lane V-AIS J	48-29-35.622N 125-00-00.152W					Virtual AIS: MMSI 993692200 (21).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			VASHINGTON - Thirte	enth Distri	ct		
APP 756 16136	ROACHES TO STRAIT OF JUAN Strait of Juan De Fuca Traffic Separation Lane Lighted Buoy JA	48-29-35.738N	1 480) FI Y 2.5s		4	Yellow.	Aid maintained by National Oceanic and Atmospheric Administration.
760 16145	Cape Flattery Light	48-23-31.183N 124-44-13.015W	FI (2)W 20s	112	14	On skeleton tower.	
763 16149	Duntze Rock V-AIS 2	48-24-48.435N 124-44-41.509W					Virtual AIS: MMSI 993692201 (21).
SAN 765.1	DIEGO TO ALEUTIAN ISLANDS NOAA Environmental Lighted Buoy 46002		LANDS (Chart 530) FI (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
'65.2	DART Tsunami Warning Lighted Buoy 46407	42-42-54.000N 128-49-30.000W	FIY4s			Yellow disc-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
65.4	DART Tsunami Warning Lighted Buoy 46404	45-51-47.000N 128-45-38.000W	FIY4s			Yellow disc-shaped hull	Aid maintained by National Oceanic and Atmospheric Administration.
'65.45	DART Tsunami Warning Lighted Buoy 46452	44-52-50.772N 125-52-14.162W	FIY4s		3	Yellow conical shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
'65.5	NOAA Environmental Lighted Buoy 46005	46-08-36.000N 131-05-24.000W	FI (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
65.7	DART Tsunami Warning Lighted Buoy 46419	48-48-58.000N 129-36-49.000W	FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
APP 770 16140	ROACHES TO STRAIT OF JUAN Carmanah Point Light (C)	N DE FUCA (Chart 18 48-36-42.414N 124-45-04.866W	1 480) FI W 5s	182	19	White octagonal tower with red top.	
			BRITISH COLU	MBIA			
780	N DE FUCA TO QUEEN CHARLO PACHENA POINT LIGHT (C)	48-43-18.013N 125-05-48.066W	FI (2) W 7.5s 0.37s fl 1.25sec. 0.37s fl 5.5sec.	153		White circular tower.	HORN: 1 blast ev 60s (6s bl). Horn points 150°.
85	SEABIRD ROCKS LIGHT (C)	48-45-00.013N 125-09-12.066W	FI W 4s	66	6	White cylindrical tower with red band at top.	
90	Cape Beale Light (C)	48-47-12.013N 125-12-48.066W	FI W 5s	167	16	Red square skeleton tower with white slatwork daymark on 3 sides.	
'95	BORDELAIS ISLETS LIGHT (C)	48-49-06.013N 125-13-48.066W	FI W 4s	93	7	White circular tower with green band at top.	
00	CHROW ISLANDS LIGHT (C)	48-49-06.013N 125-28-18.066W	FI W 4s	40	6	White circular tower.	
05	FRANCIS ISLAND LIGHT (C)	48-55-18.013N 125-31-24.066W	FI (3)W 12s 0.5s fl 2sec. 0.5s fl 2sec. 0.5s fl 6.5sec.	26	7	Mast.	
10	Amphitrite Point Light (C)	48-55-18.013N 125-32-30.066W	FI W 12s	50	16	White rectangular tower.	HORN: 1 blast ev 20s (2s bl).
320	Lennard Island Light (C)	49-06-36.013N 125-55-24.067W	FI W 10s	114	23	White circular tower with red band at top. 58	HORN: 2 blasts ev 60s (3s bl- si-3s bl-51s si). Horn points 1: and 270°. Emergency light.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUI	ИВІА			
JUA 850	N DE FUCA TO QUEEN CHARL Estevan Point Light (C)	OTTE SOUND (Chart 49-23-00.013N 126-32-36.067W	FI (2)W 15s 0.38s fl 2.12sec. 0.38s fl 12.12sec.	123	18	White octagonal tower.	HORN: 1 blast ev 60s (5s bl). Emergency light.
860	Nootka Light On summit of San Rafael Island. (C)	49-35-36.013N 126-36-48.068W		101	17	Red square skeleton tower. 46	HORN: 2 blasts ev 60s (3s bl-3 si-3s bl-51s si). Horn points southeastward.
905	LOOKOUT ISLAND LIGHT (C)	49-59-54.012N 127-27-00.069W	FI G 4s	48	9	White circular tower with green band at top, on white rectangular building.	HORN: 1 blast ev 20s (2s bl).
925	Quatsino Island Light (C)	50-26-28.012N 128-01-57.069W	FI W 5s	93	17	White circular tower. 38	HORN: 1 blast ev 30s (3s bl). Horn points 140°.
930	Cape Scott Light (C)	50-47-00.012N 128-25-30.070W	FI W 10s	229	21	Square skeleton tower. 58	Visible from 344° to 246°. HORN: 3 blasts ev 60s (2s bl-3s si-2s bl-3s si-2s bl-48s si). Emergency light.
QUE 935	EEN CHARLOTTE SOUND TO DI Cape St. James Light (C)	XON ENTRANCE (CF 51-56-12.010N 131-00-54.072W	nart 17008) FI W 5s	315	14	Mast. 15	
940	FLATROCK ISLAND LIGHT (C)	52-06-30.010N 131-10-00.073W	FI W 6s	81	6	Square skeleton tower.	
945	TASU SOUND LIGHT (C)	52-44-57.710N 132-05-45.774W	FI (3)W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	27	6	Square skeleton tower.	
950	DAVIDSON POINT LIGHT (C)	52-44-30.010N 132-06-42.074W	FI W 6s	122	7	White circular tower.	
955	TCENAKUN POINT LIGHT (C)	53-09-06.009N 132-35-00.075W	FI W 4s	91	6	Square skeleton tower.	
960	MARBLE ISLAND LIGHT (C)	53-12-06.009N 132-40-06.075W	FI W 6s	113	6	Square skeleton tower.	
965	FREDERICK ISLAND LIGHT (C)	53-56-18.009N 133-11-48.076W	FI W 6s	55	6	Square skeleton tower.	
970	HIPPA ISLAND LIGHT (C)	53-32-42.009N 133-00-36.076W	FI W 4s	103	6	Square skeleton tower.	
975	IPHIGENIA POINT LIGHT (C)	54-11-24.009N 133-00-42.077W	FI W 6s	31	6	Square skeleton tower.	
980	LANGARA POINT LIGHT (C)	54-15-24.009N 133-03-30.077W	FI W 5s	160	8	Octagonal tower.	Visible from 055° to 265°. HORN: 1 blast ev 60s (6s bl). Emergency light.
982	NOAA Data Lighted Buoy 46080	57-54-37.000N 150-07-45.000W	FI (4)Y 20s			Yellow Disc- shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
			ALASKA - Seventeer	nth Distric	t		
Wes 983	st Coast of North America - Dixo Dart Tsunami Warning Buoy 46415	n Entrance to Unima 53-02-12.000N 139-52-48.000W	ık Pass (Chart 500)			Yellow Disc- shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration. Position Approximate.
983.1	ODAS Data Lighted Buoy 46004	50-55-48.000N 136-06-00.000W	FI (5)Y 20s			Yellow Disc- shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration. Position Approximate.
983.2	ODAS Data Lighted Buoy 46184	53-55-12.000N 138-51-00.000W	FI (5)Y 20s			Yellow Disc- shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration. Position Approximate.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	eenth District	i		
West 984	t Coast of North America - Dixor NOAA Data Lighted Buoy 46001	56-18-01.000N 148-01-06.000W	k Pass (Chart 500) FI (4)Y 20s			Yellow Disc- shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.05	Dart Tsunami Warning Lighted Buoy 46414	53-45-58.000N 152-24-58.000W	FI (4)Y 20s			Yellow Boat Shaped Hull	
984.1	NOAA Data Lighted Buoy 46066	52-45-53.000N 155-00-32.000W	FI (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.15	NOAA Data Lighted Buoy 46085	55-52-42.000N 142-52-32.000W	FI (4)Y 20s			Yellow disc-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.2	NOAA Tsunami Warning Lighted Buoy 46403	52-39-48.000N 156-46-42.000W	FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.3	NOAA Tsunami Warning Lighted Buoy 46402	50-58-57.000N 163-56-35.000W	FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
			Clarence	Strait			
Berir	ng Sea (Southern Part)(Chart 51	3)	Old Cities				
984.4	NOAA Tsunami Warning Lighted Buoy 46408	49-39-59.000N 169-52-33.000W	FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
			ALASKA - Sevente	eenth Distric	i		
West 984.5	t Coast of North America - Dixor NOAA Tsunami Warning Lighted Buoy 46409	Entrance to Unima 55-18-36.000N 148-33-00.000W	k Pass (Chart 500) FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.6	NOAA Tsunami Warning Lighted Buoy 46410	57-37-56.000N 143-44-59.000W	FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
		PA	CIFIC OCEAN - Sev	enteenth Dis	trict		
ALE (984.7	UTIAN ISLANDS (Chart 16012) NOAA Tsunami Warning Lighted Buoy 46413	48-02-42.000N 173-55-00.000W	FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.8	NOAA Tsunami Warning Lighted Buoy 21414	48-56-17.000N 178-16-52.000E	FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.85	NOAA Tsunami Warning Lighted Buoy 21415	50-09-51.000N 171-56-04.000E	FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
			ALASKA - Sevente	eenth District	ì		
DIXO 985 24330	ON ENTRANCE TO CAPE ST. ELI CAPE MUZON LIGHT	AS (Chart 16016) 54-39-53.619N 132-41-33.924W	FI W 6s	80	7	NR on spindle.	Obscured from 089° to 297°
995	LOWRIE ISLAND LIGHT	54-51-37.371N 133-32-07.434W	FI W 6s	61	8	NR on spindle.	
1000 24455	DIVER ISLANDS LIGHT	55-10-40.432N 133-15-53.241W	FI W 4s	130	7	NR on Spindle.	Obscured from 186° to 007°
1005 24460	CAPE BARTOLOME LIGHT	55-13-50.256N 133-36-56.210W	FI W 6s	158	7	NR on spindle.	Obscured from 148° to 263°
1010 24650	CAPE ULITKA LIGHT	55-33-45.213N 133-43-43.393W	FI W 6s	115	6	NR on skeleton tower.	Obscured from 310° to 053°
1015 23450	HELM POINT LIGHT	55-49-35.366N 134-16-11.516W	FI W 6s	140	6	NR on skeleton tower.	Obscured from 067° to 188°
1020 23440	Cape Decision Light	56-00-05.245N 134-08-09.576W	FI W 5s	60	14	60	Obscured from 134° to 245°

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	enth Distric	t		
DIXO 1025 23460	N ENTRANCE TO CAPE ST. ELI CAPE OMMANEY LIGHT	AS (Chart 16016) 56-09-36.788N 134-39-40.041W	FI W 6s	195	8	NR on spindle.	Obscured from 061° to 293°.
1028	NOAA Data Lighted Buoy 46084	56-36-51.000N 136-02-24.000W	FI (4)Y 20s			Yellow Disc- shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
1030 24910	CAPE EDGECUMBE LIGHT	56-59-53.317N 135-51-27.509W	FI W 4s	100	7	NR on skeleton tower.	Obscured from 149.5° to 321°.
1035 25165	KLOKACHEF ISLAND LIGHT	57-24-12.145N 135-54-22.422W	FI W 6s	85	7	NR on square frame.	Obscured from 155.5° to 291°.
1040 25370	HILL ISLAND LIGHT	57-43-39.166N 136-16-36.071W	FI W 4s	60	6	NR on skeleton tower.	Obscured from 111° to 264°.
1045	Star Rock Bell Buoy SR	57-49-46.548N 136-28-08.222W				Green and red bands.	
1050 25375	LISIANSKI STRAIT LIGHT 2	57-50-42.445N 136-26-07.719W	FIR 4s	53	4	TR on skeleton tower.	Obscured from 024° to 210°.
1055	GREENTOP ISLAND LIGHT	57-51-20.974N 136-29-05.725W	FI W 6s	79	6	NR on spindle.	
1060	Deer Harbor Entrance Bell Buoy 1	57-56-10.645N 136-34-36.744W				Green.	
1065	SURGE BAY ENTRANCE LIGHT	57-58-35.643N 136-33-39.746W	FI W 4s	65	6	NR on spindle.	Obscured from 176° to 016°.
1070 24240	Cape Spencer Light	58-11-55.854N 136-38-25.806W	FI W 10s	105	14	30	
1075	LIBBY ISLAND LIGHT	58-16-24.473N 136-46-25.952W	FI W 4s	53	6	NR on spindle.	Obscured from 089° to 206°.
1080	Sugarloaf Island Shoal Lighted Whistle Buoy 2	58-17-22.617N 136-53-22.629W	FIR 6s		4		
1082	NOAA Data Lighted Buoy 46083	58-16-12.000N 138-01-08.000W	FI (4)Y 20s			Yellow disc-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
1085 25415	OCEAN CAPE LIGHT	59-32-08.271N 139-51-19.907W	FI W 6s	130	9	NR on skeleton tower.	Obscured from 134° to 309°.
1090 25420	Yakutat Bay Entrance Lighted Whistle Buoy 2	59-31-59.128N 139-57-10.909W	FI R 2.5s		4	Red.	
1097	NOAA Data Lighted Buoy 46082	59-40-13.000N 143-21-12.000W	FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
CAPE 1100	ST. ELIAS TO SHUMAGIN ISLA Cape St. Elias Light	ANDS (Chart 16013) 59-47-54.103N 144-35-55.913W	FIW 10s	85	14	85	Obscured from 160° to 287° and from 018.5 to 027°.
1102	MXAK Cape ST Elias ASTA	59-47-55.738N 144-35-59.258W					AIS transceiver. MMSI: 993032044 Private aid.
1105	Cape St. Elias Buoy 2	59-44-48.332N 144-38-04.492W				Red nun.	
1110	Wessels Reef Buoy 1	59-47-43.430N 146-05-31.599W				Green can.	
1113	MXAK Middleton Island ASTA	59-26-16.440N 146-19-32.459W					AIS transceiver. MMSI: 993032011 Private aid.
1115 25475	Egg Island Lighted Whistle Buoy El	60-17-17.595N 145-43-12.037W	Mo (A) W		6	Red and white stripes.	
1120 25480	EGG ISLAND LIGHT E	60-21-59.094N 145-45-18.871W	FI W 6s	33	9	NR on skeleton tower.	
1125	Cape Hinchinbrook Light	60-14-15.012N 146-38-47.724W	FI W 15s	235	14	70	Obscured from 134° to 135° and 138° to 283°.
1130 25515	SEAL ROCKS LIGHT	60-09-46.903N 146-50-17.818W	FI W 6s	48	8	NR on skeleton tower.	RACON: K ()
1131	NOAA Data Lighted Buoy 46061	60-14-17.000N 146-49-58.000W	FI (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	enth Distric	t		
CAPE 1135 25520	ST. ELIAS TO SHUMAGIN ISL Seal Rocks Shoal Lighted Whistle Buoy 1	ANDS (Chart 16013) 60-09-57.749N 146-44-53.031W	FI G 4s		4	Green.	
1140 25985	RUGGED ISLAND LIGHT	59-50-17.687N 149-22-26.383W	FI W 6s	438	7	NR on skeleton tower.	Obscured from 059° to 111° and from 114° to 221°.
1145	PILOT ROCK LIGHT	59-44-31.506N 149-28-12.283W	FI W 4s	100	6	NR on skeleton tower.	
1150	SEAL ROCKS LIGHT	59-31-14.313N 149-37-47.175W	FI W 6s	285	8	NR on skeleton tower.	
1155 26065	EAST CHUGACH LIGHT	59-06-22.671N 151-26-37.173W	FI W 6s	325	7	NR on skeleton tower.	Obscured from 118° to 227°.
1160 26100	EAST AMATULI ISLAND LIGHT	58-54-56.594N 151-57-07.909W	FI W 6s	120	8	NR on skeleton tower.	Obscured from 076° to 147°.
1165 27045	LATAX ROCKS LIGHT	58-41-28.543N 152-29-00.890W	FI W 4s	40	8	NR on spindle.	
1170 26460	TONKI CAPE LIGHT	58-21-08.877N 151-59-11.658W	FI W 4s	75	8	NR on skeleton tower.	
1175 26545	Williams Reef Lighted Whistle Buoy 1	57-50-16.591N 152-09-27.825W	FI G 4s		5	Green.	
1180 26850	Humpback Rock Lighted Whistle Buoy 1	57-42-47.754N 152-14-13.079W	FI G 4s		5	Green.	
1185	CAPE CHINIAK LIGHT	57-37-40.623N 152-09-12.370W	FI W 6s	120	8	NR on skeleton tower.	
1187	NOAA Data Lighted Buoy 46078	55-33-38.000N 152-35-56.000W	FI (4)Y 20s			Yellow boat-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
1195 26915	WHIRLPOOL POINT LIGHT	56-36-59.918N 154-05-42.601W	FI W 2.5s	51	8	NR on skeleton tower.	
1197	NOAA Data Lighted Buoy 46075	53-58-08.000N 160-47-38.000W	FI (4)Y 20s			Yellow boat-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
		В	ERING SEA - Seven	teenth Distr	rict		
1198	NOAA Data Lighted Buoy 46035	57-00-56.000N 177-42-11.000W	FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
1198.1	NOAA Data Lighted Buoy 46070	55-03-54.000N 175-16-03.000E	FI (4)Y 20s			Yellow boat shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
1199	NOAA Data Lighted Buoy 46073	55-00-28.000N 172-00-42.000W	FI (4)Y 20s			Yellow disc-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
			ALASKA - Sevente	enth Distric	t		
ALAS 1200	KA PENINSULA AND ALEUTIA HAGUE ROCK LIGHT	N ISLANDS (Chart 1 54-33-01.060N 162-24-04.932W	6011) FI W 4s	60	6	NR on skeleton tower.	
1205	Pankof Breaker Buoy 1	54-42-53.210N 162-59-56.517W				Green can.	
1220	SCOTCH CAP LIGHT	54-23-41.108N 164-44-38.920W	FI W 6s	110	9	NR on skeleton tower.	Obscured from 104° to 276°.
1225	UGAMAK ISLAND LIGHT	54-13-44.871N 164-48-01.797W	FI W 4s	98	8	Spindle tower without dayboards.	Position Approximate.
1230	CAPE SARICHEF LIGHT	54-35-53.612N 164-55-39.624W	FI W 2.5s	170	8	NR on skeleton tower.	Obscured from 223.5° to 018.5°
1235	BILLINGS HEAD LIGHT	54-17-48.063N 165-31-27.909W	FI W 4s	210	6	NR on skeleton tower.	Obscured from 256.5° to 090.5°
1240	NORTH HEAD LIGHT	54-13-15.639N 165-58-49.655W	FI W 6s	60	6	NR on spindle.	Obscured from 257° to 054°.
1245	SEALION ROCKS LIGHT	55-27-52.113N 163-12-11.155W	FI W 6s	94	7	On skeleton tower.	
1250	CAPE SENIAVIN LIGHT	56-23-57.031N 160-08-47.052W	FI W 6s	175	7	NR on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventee	enth Distric	t		
ALAS 1255 27760	SKA PENINSULA AND ALEUTIA SMOKY POINT LIGHT	AN ISLANDS (Chart 1 57-36-44.423N 157-41-25.964W	6011) FI W 4s	40	6	NR on skeleton tower.	
1260	CAPE GREIG LIGHT	57-43-29.987N 157-41-47.276W	FI W 6s	350	6	NR on skeleton tower.	
1285	CAPE MOHICAN LIGHT	60-12-40.883N 167-27-28.201W	FI W 6s	285	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1287	CAPE ETOLIN LIGHT	60-25-48.431N 166-09-37.977W	FI W 6s	40	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1
1290	BLACK RIVER ENTRANCE LIGHT	62-21-19.583N 165-20-50.468W	FI W 4s	20	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1293 27859.5	SHELDON POINT LIGHT	62-32-21.197N 165-01-13.245W	FI W 2.5s	18	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1295 27860	YUKON RIVER SOUTH ENTRANCE LIGHT	62-35-24.323N 164-57-44.316W	FI W 6s	20	8	NR on skeleton tower.	Maintained from July 1 to Nov. 1. Ra ref. Position Approximate.
1300 27865	KWIGUK PASS ENTRANCE LIGHT	62-48-07.031N 164-52-04.108W	FI W 2.5s	18	8	NR on skeleton tower.	Maintained from July 1 to Nov. 1. Ra ref.
1305 27870	YUKON RIVER MIDDLE ENTRANCE LIGHT	63-04-25.205N 164-38-01.726W	FI W 4s	18	8	NR on skeleton tower.	Obscured from 176° to 266°. Maintained from July 1 to Nov. 1. Ra ref.
1309 27874	KAKUKTAHUK PASS ENTRANCE LIGHT	63-08-50.016N 163-35-11.610W	FI W 2.5s	18	8	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1310 27875	YUKON RIVER NORTH ENTRANCE LIGHT	63-02-26.556N 163-22-46.416W	FI W 6s	19	8	NR on skeleton tower.	Obscured from 286° to 161°. Maintained from July 1 to Nov. 1. Ra ref.
1312	MXAK Savoonga ASTA	63-41-46.889N 170-28-36.862W					AIS transceiver. MMSI: 993032033 Private aid.
1313	MXAK Gambell ASTA	63-46-36.887N 171-42-55.116W					AIS transceiver. MMSI: 993032032 Private aid.
1315 27895	POINT ROMANOF LIGHT	63-11-59.484N 162-50-00.403W	FI W 6s	25	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1320 27900	CAPE STEPHENS LIGHT	63-32-27.168N 162-18-49.148W	FI W 4s	200	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1325 27910	EGG ISLAND LIGHT	63-36-39.541N 161-44-35.349W	FI W 6s	90	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1335 27955	ROCKY POINT LIGHT	64-23-52.920N 163-08-59.704W	FI W 2.5s	175	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1340	SLEDGE ISLAND LIGHT	64-29-46.003N 166-11-55.967W	FI W 6s	32	7	NR on skeleton tower.	Obscured from 326° to 080°. Maintained from July 1 to Nov. 1.
1345	CAPE RODNEY LIGHT	64-38-34.569N 166-23-47.216W	FIW 4s	24	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1350 27975	POINT SPENCER LIGHT	65-16-37.905N 166-50-56.338W	FI W 6s	22	7	NR on skeleton tower.	Maintained from Jul. 1 to Nov. 1.
1353	MXAK Wales ASTA	65-36-18.666N 168-05-08.329W					AIS transceiver. MMSI: 993032005 Private aid.
CAPE 1355	E PRINCE OF WALES TO POIN CAPE PRINCE OF WALES LIGHT	T BARROW (Chart 16 65-38-00.573N 168-07-09.281W	6005) FI W 4s	20	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	enth Distric	t		
CAF 1360	PE PRINCE OF WALES TO POINT SHISHMAREF LIGHT	BARROW (Chart 1 66-15-31.679N 166-02-24.684W	6005) FI W 4s	20	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
365	NORTHWEST CORNER LIGHT	66-34-50.008N 164-24-24.581W	FI W 6s	75	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
			CALIFORNIA - Elev	enth Distric	t		
	PROACHES TO SAN DIEGO BAY	(CHART 18765)					
5an 1483 11	Diego Bay Pt Loma San Diego Research Buoy	32-40-10.510N 117-19-22.710W	FIY4s			Yellow Lighted Buoy with Aluminum Cage.	Private aid.
1485 10	- Approach Lighted Whistle Buoy SD	32-37-20.204N 117-14-45.177W	Mo (A) W		5	Red and white stripes with red spherical topmark.	RACON: M () AIS MMSI: 993692029
1490	- Approach Lighted Buoy 3	32-38-13.207N 117-14-13.034W	FI G 6s		4	Green.	
1493	- Approach Lighted Bell Buoy 4	32-38-02.013N 117-13-18.996W	QR		4	Red.	
1495	- Channel Lighted Buoy 5	32-39-08.202N 117-13-38.175W	FI G 2.5s		3	Green.	
	I DIEGO BAY (Chart 18773) Diego Bay						
1500	- ENTRANCE RANGE FRONT LIGHT	32-42-17.966N 117-14-00.951W	QG	25		KRW on white column.	Visible 1.5° each side of the rangeline. HORN: 1blast ev 10s (1s bl). The sound signal can be activated by keying VHF-FM Ch. 81A 5 times within 10 seconds. Lighted throughout 24 hours.
1505	- ENTRANCE RANGE REAR LIGHT 495 yards, 353.0° from front light.	32-42-32.549N 117-14-03.065W	Iso G 6s	55		KRW on skeleton tower.	Visible 1.5° each side of the rangeline. Lighted throughout 24 hours.
1510	- Channel Lighted Buoy 6	32-39-09.202N 117-13-29.175W	FIR 4s		3	Red.	
1515	- Channel Lighted Buoy 7	32-39-54.200N 117-13-44.676W	FI G 4s		4	Green.	
Zun	iga Jetty						
1520	- LIGHT Z	32-40-00.798N 117-13-23.125W	FI W 2.5s	28	6	NW labeled DANGER SUBMERGED JETTY on post.	HORN: 1 blast ev 10s (1s bl). Operates continuously.
1525	- LIGHT Y	32-40-15.156N 117-13-23.449W	FI W 4s	18	6	NW labeled DANGER SUBMERGED JETTY on post.	
1530	- LIGHT X	32-40-29.040N 117-13-23.869W	FI W 4s	18	6	NW labeled DANGER SUBMERGED JETTY on post.	
1535	- LIGHT W	32-40-41.916N 117-13-24.283W	FI W 4s	18	6	NW labeled DANGER SUBMERGED JETTY on post.	
1540	- LIGHT V	32-40-54.768N 117-13-24.667W	FI W 4s	17	6	NW labeled DANGER SUBMERGED JETTY on post.	
San 1545	Diego Bay - Channel Lighted Buoy 8	32-39-55.221N 117-13-35.541W	FI R 2.5s		3	Red.	
1550	- Channel Lighted Buoy 9	32-40-24.699N 117-13-48.976W	FI G 2.5s		3	Green.	
1555	- Channel Lighted Buoy 10	32-40-25.766N 117-13-39.614W	FIR 4s		4	Red.	
1560	- Channel Lighted Buoy 11	32-40-54.878N 117-13-53.747W	FI G 4s		4	Green.	
1565	- Channel Lighted Buoy 12	32-40-56.568N 117-13-44.401W	FI R 2.5s		3	Red.	

(1) No. Nar	(2) me and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SAN DIEGO BA	AY (Chart 18773)		CALIFORNIA - Elev	enth District	1		
San Diego Bay	,						
1567 - SUBN LIGHT I	MERGED JETTY E	32-41-12.162N 117-13-39.192W	FI W 2.5s	15	4	NW on pile labeled: DANGER SUBMERGED JETTY.	
1568 - SUBN LIGHT I	MERGED JETTY M	32-41-10.602N 117-13-36.721W	FI W 4s	15	3	NW on pile labeled: DANGER SUBMERGED JETTY.	
1570 BALLAS	ST POINT LIGHT B	32-41-10.800N 117-13-58.027W	FI W 4s	16	9	NG on platform on dolphin.	HORN: 1 blast ev 15s (2s bl).The sound signal can be activated by keying VHF-FM Ch 81A 5 times within 10 seconds.
1571 Ballast	Point Shoal Buoy	32-41-12.717N 117-14-01.350W				White can labeled SHOAL, with orange bands.	
1585 - Chan	nel Lighted Buoy 14	32-41-44.197N 117-13-51.577W	QR		3	Red.	
1590 - Chan	nel Lighted Buoy 15	32-41-44.897N 117-13-59.178W	FI G 2.5s		3	Green.	
Shelter Island 1593 Shelter	Yacht Basin Island Lighted Buoy 2	32-42-16.152N 117-14-01.886W	FI (2)R 5s		3	Red.	
1594 SHELTI SHOAL	ER ISLAND WEST LIGHT	32-42-21.150N 117-14-00.690W	F W	18		White sign labeled DANGER SHOAL, with orange border.	Private aid.
1595 SHELTI END LI	ER ISLAND WEST GHT 4	32-42-28.314N 117-14-06.121W	FI R 2.5s	15	4	TR on pile.	
1596 Shelter	Island Cove Buoy 5	32-42-31.000N 117-14-10.000W				Green can.	Private aid.
1597 Shelter Buoy 6	Island Cove Lighted	32-42-31.000N 117-14-08.000W	FIR 4s			Red.	Private aid.
1598 Shelter	Island Cove Buoy 7	32-42-38.000N 117-14-09.000W				Green can.	Private aid.
1599 Shelter	Island Cove Buoy 8	32-42-37.000N 117-14-06.000W				Red nun.	Private aid.
San Diego Nor	th Island Shallow Wat						
1616 - LIGH ⁻	TA	32-42-08.895N 117-13-33.481W	FI W 4s	15	4	NW labeled DANGER ROCKS on pile.	
1617 - Dayb	eacon B	32-42-12.209N 117-13-31.838W				NW labeled DANGER ROCKS on pile.	
1618 - Daybo	eacon C	32-42-14.478N 117-13-29.302W				NW labeled DANGER ROCKS on pile.	
1619 - LIGH ⁻	TD	32-42-17.299N 117-13-26.571W	FI W 4s	15	4	NW labeled DANGER ROCKS on pile.	
Con Diago Boy						on pilo.	
San Diego Bay 1620 - <i>Chan</i>	nel Lighted Buoy 16	32-42-06.396N 117-13-45.277W	FI R 2.5s		3	Red.	
1625 - Chan	nel Lighted Buoy 16A	32-42-22.696N 117-13-34.177W	QR		3	Red.	
1630 - Chan	nel Lighted Buoy 17	32-42-19.196N 117-13-47.078W	FI G 4s		4	Green.	
1635 NORTH	I ISLAND LIGHT NW	32-42-29.892N 117-13-11.593W	FI W 2.5s	23	4	NR on post.	
1645 - Chan	nel Lighted Buoy 18	32-42-47.196N 117-13-02.176W	FIR 4s		3	Red.	
1650 - Chan	nel Lighted Buoy 19	32-42-53.847N 117-13-06.336W	QG		3	Green.	
Americas Cup	Harbor						
1654 SHELTI SHOAL	ER ISLAND EAST LIGHT	32-43-08.000N 117-13-04.460W	FI W 4s			White Sign Labeled DANGER SHOAL, with orange border.	Private aid.
1655 - <i>Light</i> e	ed Buoy 1	32-43-09.195N 117-13-02.176W	FI G 4s		4	Green can	
					·	0.00	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SAN	DIEGO BAY (Chart 18773)						
Ame 1662	ricas Cup Harbor - LIGHT B	32-43-16.693N 117-13-16.388W	FI (2+1)R 6s	17			Private aid.
1665	- Daybeacon 2	32-43-13.713N 117-13-23.838W					Private aid.
1670	- Daybeacon 4	32-43-16.193N 117-13-27.908W					Private aid.
1675	- Daybeacon 6	32-43-19.023N 117-13-32.569W					Private aid.
1685	- Daybeacon 3	32-43-19.673N 117-13-21.198W					Private aid.
1690	- Daybeacon 5	32-43-22.542N 117-13-25.818W					Private aid.
1695	- Daybeacon 7	32-43-22.562N 117-13-29.548W					Private aid.
CAN	DIECO BAY (Chart 49772)		CALIFORNIA - Elev	enth Distric	t		
San	DIEGO BAY (Chart 18773) Diego Bay						
1700	HARBOR ISLAND LIGHT	32-43-27.048N 117-12-47.455W	FI W 4s	56	8	On top of red roofed building.	
1705	NORTH ISLAND LIGHT N	32-42-50.814N 117-12-33.175W	QW	20	3	NR on post on concrete platform.	
1710	- Channel Lighted Buoy 20	32-43-00.196N 117-12-24.975W	QR		3	Red.	
1715	- Channel Lighted Buoy 21	32-43-08.595N 117-11-37.372W	QG		3	Green.	
1720	Navy San Diego Bay Mooring Buoy 19	32-43-16.200N 117-11-24.840W				White with blue band.	Navy Maintained. Private aid.
Harb 1760	oor Island East Basin - Channel Buoy 1	32-43-27.493N 117-11-13.123W				Green can.	Private aid.
1765	- Channel Buoy 2	32-43-28.903N 117-11-10.123W				Red nun.	Private aid.
1775	- Channel Buoy 4	32-43-37.103N 117-11-17.123W				Red nun.	Private aid.
1780	- Channel Buoy 6	32-43-37.463N 117-11-23.123W				Red nun.	Private aid.
1785	- Channel Buoy 8	32-43-37.822N 117-11-28.123W				Red nun.	Private aid.
1790	- Channel Buoy 10	32-43-38.182N 117-11-33.124W				Red nun.	Private aid.
1795	- Channel Buoy 12	32-43-38.532N 117-11-38.124W				Red nun.	Private aid.
San 1810	Diego Bay - Safety Zone Northeast Buoy	32-43-36.371N 117-10-44.579W				Yellow can.	
1815	- Safety Zone Southeast Buoy	32-43-20.395N 117-10-52.671W				Yellow can.	
1820	- Safety Zone Southwest Buoy	32-43-25.895N 117-11-07.771W				Yellow can.	
1821.1	- Safety Zone West Buoy	32-43-29.512N 117-11-06.149W				Yellow can.	
1822	 Safety Zone Northwest Daybeacon 	32-43-35.922N 117-11-02.743W				NY on post.	
1825	- Channel Buoy 22A	32-42-11.198N 117-10-28.169W				Red nun.	
1830	- Channel Lighted Buoy 22	32-42-31.297N 117-10-43.270W	FIR 4s		3	Red.	
1835	- Channel Lighted Buoy 23	32-42-14.098N 117-10-09.069W	FI G 4s		4	Green.	
1840	- Channel Lighted Buoy 24	32-41-54.885N 117-09-54.085W	FIR 4s		3	Red.	
1845	- Channel Lighted Buoy 26	32-40-59.901N 117-08-39.364W	FIR 4s		3	Red.	
1847	- Channel Lighted Buoy 26A	32-40-47.771N 117-08-19.888W	FIR 6s		3	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth Distric	t		
	I DIEGO BAY (Chart 18773) Diego Bay						
1850	TENTH AVENUE PIER NORTH LIGHT	32-42-03.000N 117-09-41.000W	FG	10		On pier.	Private aid.
1855	TENTH AVENUE PIER SOUTH LIGHT	32-41-47.000N 117-09-17.000W	FG	10		On pier.	Private aid.
1857	TENTH AVENUE MARINE TERMINAL LIGHT 5	32-41-43.740N 117-09-12.790W	FG	12		On pole.	Private aid.
1859	SAN DIEGO-CORONADO BAY BRIDGE RACON T West span, center of channel.	32-41-23.600N 117-09-11.310W					RACON: T (-) Private aid.
1860	San Diego-Coronado Bay Bridge Fog Signal	32-41-25.500N 117-09-08.900W				Bridge pier.	HORN (2): 1 blast ev 10s (1s bl). Simultaneously. Private aid.
1861	SAN DIEGO-CORONADO BAY BRIDGE RACON C East span, center of channel.	32-41-28.470N 117-09-06.560W					RACON: C () Private aid.
Glor 1865	rietta Bay - Channel Lighted Buoy 1	32-41-11.173N 117-09-11.176W	FI G 4s		4	Green.	
1875	- CHANNEL RANGE FRONT LIGHT	32-40-35.075N 117-10-09.017W	QG	11		KRW on pile.	Visible all around.
1880	- CHANNEL RANGE REAR LIGHT On shore, 68 yards, 231.4°	32-40-33.819N 117-10-10.877W	Iso G 6s	20		KRW on pile.	Visible all around.
1885	from front light Channel Buoy 2	32-41-09.878N				Red nun.	
1892	- Channel Buoy 5	117-09-22.110W 32-40-33.960N				Green can	Private aid.
1900	- Channel Lighted Buoy 8	117-10-01.140W 32-40-41.188N	QR			Red.	Private aid.
0	Diana Bau	117-10-06.618W					
San 1980	- Channel Lighted Buoy 28	32-40-36.202N 117-08-00.662W	FIR 4s		3	Red.	
2005	- Channel Lighted Buoy 30	32-40-08.403N 117-07-39.661W	FIR 4s		3	Red.	
2010	- Channel Lighted Buoy 32	32-39-47.248N 117-07-34.200W	FIR 4s		3	Red.	
2014	- Wreck Buoy WR32A	32-39-31.100N 117-07-38.400W	QR				Private aid.
2015	- Channel Lighted Buoy 33	32-39-30.904N 117-07-23.560W	FI G 2.5s		3	Green.	
2020	- Channel Lighted Buoy 34	32-39-24.204N 117-07-37.160W	FI R 2.5s		3	Red.	
2025	NATIONAL CITY BERTH LIGHT	32-39-24.640N 117-07-20.950W	FG	10			Private aid.
2035	- Channel Lighted Buoy 36	32-39-18.627N 117-07-27.327W	FIR 4s		3	Red.	
2040	- Channel Lighted Buoy 38	32-39-03.582N 117-07-23.423W	FI R 2.5s		3	Red.	
2042	- Channel Lighted Buoy 39	32-38-50.205N 117-07-13.159W	QG		3	Green.	
2045	- Channel Lighted Buoy 40	32-38-42.905N 117-07-27.459W	FIR 4s		3	Red.	
2052.1	- SPEED CONTROL LIGHT A	32-38-33.850N 117-07-37.830W	FI W 4s	11			Private aid.
2052.2	- SPEED CONTROL LIGHT B	32-38-29.680N 117-07-45.780W	FI W 4s	11			Private aid.
2052.3	- SPEED CONTROL LIGHT C	32-38-25.510N 117-07-53.730W	FI W 4s	11		White sign with orange border on pile.	Private aid.
	etwater Channel						
2053	- LIGHT 2	32-38-46.210N 117-07-10.340W	FIR 4s	11		TR on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth Distric	t		
	DIEGO BAY (Chart 18773) Diego Bay						
Swe	etwater Channel						
2054	- LIGHT 4	32-38-49.630N 117-07-01.820W	FIR 4s	11		TR on pile.	Private aid.
2056	- LIGHT 6	32-38-52.110N 117-06-52.040W	FIR 4s	11		TR on pile.	Private aid.
2058	- LIGHT 8	32-38-54.580N 117-06-44.050W	FIR 4s	11		TR on pile.	Private aid.
Coro 2060	onado Cays Channel - LIGHT 1	32-38-20.300N 117-07-58.300W	FI G 2.5s	8		SG on pile.	Private aid.
2065	- LIGHT 2	32-38-19.000N 117-08-00.500W	FI R 2.5s	8		TR on pile.	Private aid.
2070	- Daybeacon 3	32-38-13.000N 117-07-58.000W				SG on pile.	Private aid.
2075	- Daybeacon 4	32-38-14.000N 117-08-00.500W				TR on pile.	Private aid.
2080	- Daybeacon 5	32-38-05.300N 117-07-57.800W				SG on pile.	Private aid.
2085	- Daybeacon 6	32-38-05.400N 117-08-00.500W				TR on pile.	Private aid.
2090	- LIGHT 7	32-38-01.000N 117-07-57.900W	QG	8		SG on pile.	Private aid.
2095	- LIGHT 8	32-38-00.100N 117-08-00.300W	QR	8		TR on pile.	Private aid.
2096	- Daybeacon 9	32-37-56.000N 117-07-53.100W				SG on pile.	Private aid.
2100	- LIGHT 10	32-37-53.200N 117-07-54.100W	QR	8		TR on pile.	Private aid.
2105	- LIGHT 11	32-37-53.200N 117-07-50.500W	QG	9		SG on pile.	Private aid.
2110	- LIGHT 13	32-37-49.900N 117-07-47.600W	QG	14		SG on pile.	Private aid.
	la Vista Channel						
2159	- SHOAL LIGHT A	32-38-43.200N 117-07-19.200W	FI W 4s	11		Diamond-shaped dayboard labeled DANGER SHOAL on pile.	Private aid.
2159.1	- SHOAL LIGHT B	32-38-43.620N 117-07-13.740W	FI W 4s	11		Diamond-shaped dayboard labeled DANGER SHOAL on pile.	Private aid.
2160	- LIGHT 2	32-38-38.990N 117-07-28.110W	FIR 4s	7		TR on pile.	Private aid.
2165	- LIGHT 3	32-38-32.540N 117-07-20.670W	FI G 4s	6		SG on pile.	Private aid.
2170	- LIGHT 4	32-38-30.880N 117-07-25.780W	FIR 4s	7		TR on pile.	Private aid.
2175	- LIGHT 5	32-38-21.410N 117-07-15.860W	FI G 4s	7		SG on pile.	Private aid.
2180	- LIGHT 6	32-38-19.870N 117-07-21.590W	FIR 4s	7		TR on pile.	Private aid.
2185	- LIGHT 7	32-38-12.300N 117-07-12.130W	FI G 2.5s	7		SG on pile.	Private aid.
2190	- LIGHT 8	32-38-08.770N 117-07-17.560W	FI R 2.5s	7		TR on pile.	Private aid.
2195	- LIGHT 9	32-38-11.160N 117-07-01.100W	FI G 4s	7		SG on pile.	Private aid.
2200	- LIGHT 10	32-38-08.310N 117-07-09.970W	FI R 2.5s	10		TR on pile.	Private aid.
2202	- LIGHT 10A	32-38-07.790N 117-07-01.410W	FIR 4s	7		TR on pile.	Private aid.
2207	- LIGHT 11	32-38-09.950N 117-06-49.610W	QG	7		SG on pile.	Private aid.
2210	- LIGHT 12	32-38-07.110N 117-06-52.540W	QR	10		TR on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth District	t		
	l DIEGO BAY (Chart 18773) Diego Bay						
	la Vista Channel - LIGHT "13"	32-37-59.260N 117-06-43.530W	FI G 2.5s	7		SG on pile.	Private aid.
2220	- LIGHT 14	32-37-57.620N 117-06-47.530W	FI R 2.5s	7		TR on pile.	Private aid.
2225	- LIGHT 15	32-37-48.490N 117-06-37.410W	FI G 4s	7		SG on pile.	Private aid.
2230	- LIGHT 16	32-37-46.760N 117-06-41.840W	FIR 4s	7		TR on pile.	Private aid.
2240	- LIGHT 18	32-37-38.690N 117-06-36.310W	FIR 4s	7		TR on pile.	Private aid.
2245	- LIGHT 19	32-37-32.190N 117-06-27.510W	FI G 2.5s	6		SG on pile.	Private aid.
2250	- LIGHT 20	32-37-30.860N 117-06-29.760W	FI R 2.5s	6		TR on pile.	Private aid.
2255	- LIGHT 21	32-37-27.990N 117-06-24.510W	FI G 4s	6		SG on pile.	Private aid.
2260	- LIGHT 22	32-37-26.840N 117-06-26.510W	FIR 4s	10		TR on pile.	Private aid.
2262	- LIGHT 22A	32-37-20.400N 117-06-21.310W	QR	11		TR on pile.	Private aid.
2265	CHULA VISTA BASIN NORTH LIGHT	32-37-24.295N 117-06-18.306W	FI G 4s	19		On post.	Private aid.
2270	CHULA VISTA BASIN SOUTH LIGHT	32-37-22.995N 117-06-14.706W	FIR 4s	18		On post.	Private aid.
	ROACHES TO SAN DIEGO BAY	(CHART 18765)					
Miss 2275 25	sion Bay - SOUTH JETTY LIGHT 2	32-45-21.504N 117-15-32.341W	FI R 2.5s	15	5	TR on pile.	
2280 30	- NORTH JETTY LIGHT 1	32-45-30.600N 117-15-33.151W	FI G 6s	42	5	SG on skeleton tower.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). Operates by keying microphone five times on VHF-FM 81A.
2282	- WIER LIGHT WEST END	32-45-25.446N 117-15-01.345W	FI W 2.5s	19	4	NW labeled DANGER SUBMERGED JETTY on pile.	
2283	- WIER LIGHT EAST END	32-45-26.148N 117-14-55.831W	FI W 2.5s	19	4	NW labeled DANGER SUBMERGED JETTY on pile.	
2287	- LIGHT 6	32-45-45.587N 117-14-32.000W	FIR 4s	26	4	TR on pole.	
2288	Scripps Waverider Lighted Research Buoy 220	32-45-00.100N 117-29-58.300W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
2288.8 38	Scripps Waverider CDIP Lighted Research Buoy 201	32-52-04.260N 117-16-00.000W	FI (5)Y 20s			Yellow Sphere w/ Whip Antenna	Private aid.
2289.1	Scripps Waverider Lighted Research Buoy 100	32-55-58.800N 117-23-26.600W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
2289.3	Scripps Del Mar Lighted Research Buoy	32-55-37.000N 117-18-54.000W	FIY4s				Private aid.
GUL 2289.4	F OF SANTA CATALINA (Chart ' Scripps "CORDC" Lighted Research Buoy	18774) 32-54-09.000N 117-24-30.000W	FIY4s			Yellow disk with skeleton tower.	Private aid.
2289.5	Scripps Waverider Lighted Research Buoy 045	33-10-45.900N 117-28-16.600W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
2289.6	Scripps Waverider Lighted Research Buoy 043	33-13-11.400N 117-26-22.200W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
	anside				_		
2290	- Approach Lighted Whistle Buoy OC	33-12-06.142N 117-24-29.193W	Mo (A) W		5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
2295	- BREAKWATER LIGHT 1	33-12-19.928N 117-24-09.897W	FI G 2.5s	30	5	SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth Distric	t		
	F OF SANTA CATALINA (Chart 1 anside	18774)					
2296 45	- SOUTH JETTY LIGHT 2	33-12-21.745N 117-23-58.598W	FI R 2.5s	26	5	TR on post.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). The sound signal can be activated by keying VHF-FM Ch. 81A 5 times within 10 seconds.
2300	- Junction Lighted Buoy	33-12-28.432N 117-24-06.227W	FI (2+1)G 6s		4	Green and red bands.	
2305	- Harbor Lighted Buoy 3	33-12-29.546N 117-24-01.379W	FI G 4s		4	Green.	
2310	- LIGHT 4	33-12-26.089N 117-23-59.126W	QR	26	4	TR on pile.	
2315	- Lighted Buoy 5	33-12-30.329N 117-23-51.267W	FI G 2.5s		4	Green Can.	
2317	- Danger Buoy	33-12-30.386N 117-23-57.228W				White can labeled ROCKS with orange bands.	
2320	- Daybeacon 6	33-12-27.769N 117-23-47.030W				TR on pile.	
2325	- LIGHT 7	33-12-31.537N 117-23-45.080W	FI G 4s	28	4	SG on pile.	
	Mar Boat Basin	33-12-34.088N				Croon con	
2345	- Buoy 1	117-24-16.178W				Green can.	
2350	- Lighted Buoy 2	33-12-35.542N 117-24-13.192W	FI (2)R 5s		3	Red nun.	
2360	- Buoy 4	33-12-42.241N 117-24-15.792W				Red nun.	
2365	- Lighted Buoy 5	33-12-46.989N 117-24-17.900W	FI G 2.5s		4	Green can.	
2370	- Buoy 6	33-12-45.948N 117-24-14.851W				Red nun.	
2375	- Daybeacon 7	33-12-54.391N 117-24-11.798W				SG on white skeleton tower.	
2380	- Daybeacon 8	33-12-49.519N 117-24-07.892W				TR on white skeleton tower.	
	Onofre	00 04 00 4001					Di de di
2383.3	- Unit 2 Intake Buoy	33-21-38.460N 117-33-44.800W				White nun with orange diamond marked DANGER.	Private aid.
2383.4	- Unit 3 Intake Buoy	33-21-34.800N 117-33-38.100W				White nun with orange diamond marked DANGER.	Private aid.
	PEDRO CHANNEL (CHART 187	46)					
2387	a Point - Lighted Buoy 1	33-27-05.324N 117-41-54.309W	FI G 2.5s		3	Green.	
2390	- Lighted Buoy 2	33-27-12.114N 117-41-17.235W	FI R 2.5s		3	Red.	
2395	- BREAKWATER LIGHT 3	33-27-15.703N 117-41-29.625W	FI G 4s	32	5	SG on post.	HORN: 1 blast ev 10s (1s bl). The sound signal can be activated by keying VHF-FM Ch. 81A 5 times within 10 seconds.
2400	- JETTY LIGHT 4	33-27-24.479N 117-41-31.298W	FIR 4s	28	5	TR on post.	
Anal 2405	neim Bay Dana Point Harbor Daybeacon	33-27-24 000N				TR on pile.	Private aid.
2410	6 Dana Point Harbor Daybeacon	117-41-40.000W				TR on pile.	Private aid.
	8	117-41-48.000W				•	
2415	Dana Point Harbor Daybeacon 10	117-41-56.000W				TR on pile.	Private aid.
2420	Dana Point Harbor Daybeacon 12	33-27-30.000N 117-42-04.001W				TR on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	venth Distric	t		
	I PEDRO CHANNEL (CHART 187 heim Bay	746)					
2425	Dana Point Harbor Daybeacon 14	33-27-32.000N 117-42-12.200W				TR on pile.	Private aid.
2430	San Juan Rocks Lighted Whistle Buoy 2SJR	33-27-18.115N 117-43-15.240W	FI R 2.5s		4	Red.	
	VPORT BAY						
	rport Bay horage buoys maintained from Ma Newport Harbor Entrance Lighted Bell Buoy NWP	y 15 to Sept. 15. 33-35-03.795N 117-52-41.555W	Mo (A) W		5	Red and white stripes.	
2440 90	- WEST JETTY LIGHT 3	33-35-17.963N 117-52-46.478W	FI G 2.5s	39	5	SG on steel monopile.	HORN: 1 blast ev 30s (3s bl) for 15 minutes. The sound signal can be activated by keying VHF- FM Ch. 83A 6 times within 10 seconds. Ra ref.
2445	- EAST JETTY LIGHT 4	33-35-22.694N 117-52-38.754W	FIR 4s	39	5	TR on post.	
2450	- CHANNEL LIGHT 5	33-35-56.127N 117-52-57.796W	FI G 2.5s	12	5	SG on pile.	
2455	- CHANNEL LIGHT 6	33-35-56.431N 117-52-50.978W	FIR 4s	18	4	TR on pile.	
2460	- Channel Lighted Buoy 8	33-36-05.253N 117-53-14.319W	FIR 4s		3	Red	
2465	- CHANNEL LIGHT 10	33-36-14.263N 117-53-47.954W	FI R 2.5s	24	5	TR on Dolphin.	
2470	- Channel Lighted Buoy 11	33-36-29.134N 117-54-15.378W	FI G 4s		5		
2475	- CHANNEL LIGHT 12	33-36-42.097N 117-54-29.063W	FI R 2.5s	15	3	TR on pile.	
2480	OCSAN Ocean Research Buoy M23	33-36-49.310N 118-02-30.300W	FI Y 2.5s			3' Lighted Buoy, Yellow.	Private aid.
SAN 2525	I CLEMENTE ISLAND CHINA POINT LIGHT	32-48-13.062N 118-25-33.410W	FI W 2.5s	112	4	NR on pile.	Visible from 260° to 128°, partially obscured by hills elsewhere.
2530	PYRAMID HEAD LIGHT	32-49-13.440N 118-21-12.440W	FI W 6s	226	4	NR on post.	Visible from 147° to 095°, partially obscured by hills elsewhere.
2540	NAVY ANCHORAGE SOUTH END LIGHT	32-58-30.702N 118-31-54.572W	FI W 2.5s	140	4	NR on post.	Visible from 150° to 320°, partially obscured by hills elsewhere.
Wils	son Cove						
2545	- LIGHT	33-00-14.070N 118-33-10.148W	FI W 4s	125	4	NR on post.	Visible from 155° to 317°, partially obscured by hills elsewhere.
2565	- NORTH END LIGHT	33-01-25.422N 118-33-49.934W	FI W 6s	60	3	NR on post.	Visible from 139° to 330°, partially obscured by hills elsewhere.
SAN 2575	I CLEMENTE ISLAND - LIGHT	33-01-49.998N 118-35-46.760W	FI W 4s	202	4	NR on post.	Visible from 341° to 276°, partially obscured by hills elsewhere.
SAN	I NICOLAS ISLAND						
	Nicolas Island - EAST END LIGHT	33-13-47.123N 119-26-07.430W	FI W 2.5s	55	5	On post.	Visible from 145° to 005°, partially obscured by hills elsewhere.
2595	NAVFAC Lighted Research Buoy	33-17-50.000N 119-31-16.000W	FI (5)Y 20s			Yellow	Navy Maintained. Private aid.
2597	PMSR SURV BUOY SCI/SNI	33-21-45.000N 119-35-45.600W	FIY2s			35" diameter yellow buoy with 30"mast.	Private aid.

(1) No.	(2)	(3)	(4)	. (5)	(6)	(7)	(8)
No.	Name and Location	Position	Characteristic	Height	Rànge	Strùcture	Remarks
CANI	TA CATALINA ISLAND (Chart 4)	0.757\	CALIFORNIA - Elev	enth Distric	t		
2605	TA CATALINA ISLAND (Chart 16 SANTA CATALINA ISLAND EAST END LIGHT	33-18-06.984N 118-19-03.470W	FI W 6s	212	9		Visible from 253° to 068°, partially obscured by hills elsewhere.
2606	Quarry North Outer Lighted Mooring Buoy	33-19-12.424N 118-17-57.558W	FI W 4s			White with blue band.	Private aid.
2606.2	Quarry South Outer Lighted Mooring Buoy	33-18-47.295N 118-17-57.448W	FI W 4s			White with blue band.	Private aid.
2615	AVALON BAY LIGHT 1	33-20-42.379N 118-19-19.317W	FI G 2.5s	30	5	SG on post.	
2620	AVALON BAY LIGHT 2	33-20-54.216N 118-19-26.096W	FIR 4s	30	4	TR on post.	
2625	LONG POINT LIGHT	33-24-22.790N 118-21-59.447W	FI W 6s	71	9	On post.	Obscured from 021° to 070°.
2630	CATALINA HARBOR LIGHT	33-25-24.144N 118-30-50.084W	FI W 4s	400	7	On post.	Obscured from 104° to 288°. Higher intensity beam on bearing 030°.
2635	SHIP ROCK LIGHT	33-27-47.526N 118-29-30.086W	FI W 4s	75	5	On Post.	
2641	ISTHMUS COVE HARBOR REEFS LIGHT	33-26-51.102N 118-29-23.294W	FI W 2.5s	21	5	NW on post.	
2645	Isthmus Cove North Entrance Lighted Buoy 1	33-26-56.908N 118-29-36.334W	FI G 4s		4	Green.	
2650	Isthmus Cove Northwest Entrance Buoy 2	33-27-39.407N 118-30-27.136W				Red.	
2670	SANTA CATALINA ISLAND WEST END LIGHT	33-28-43.002N 118-36-20.720W	FI W 6s	76	9	On post.	Visible from 336° to 266°, partially obscured by hills elsewhere.
							MMSI: 993692196 Short Name: W End Lt Encoded: Light, Without Sectors
SAN 7 2675	TA BARBARA ISLAND - LIGHT	33-29-14.547N 119-01-48.930W	FI W 5s	195	9	On post.	Visible from 089° to 353°, partially obscured by hills elsewhere.
SAN 1 2755	TA CRUZ CHANNEL (Chart 1872 SOUTH POINT LIGHT	28) 33-53-50.442N 120-07-08.163W	FI W 6s	530	8	Small white house.	Visible from 272° to 115°, partially obscured by hills elsewhere.
2760	SANTA ROSA ISLAND PIER LIGHT (A)	34-00-30.900N 120-02-49.000W	FR	16			Pier light. Private aid.
2761	SANTA ROSA ISLAND PIER LIGHT (B)	34-00-31.000N 120-02-49.000W	FR	16			Pier light. Private aid.
2762	SANTA ROSA ISLAND PIER LIGHT (C)	34-00-30.900N 120-02-48.800W	FR	16			Pier light. Private aid.
ANA	CAPA PASSAGE (Chart 18729)		Humboldt	Вау			
	Pedro East Channel Catalina Sea Ranch Nomad	33-36-28.000N	FIY4s				Private aid.
2764.2	Buoy Catalina Sea Ranch NW Buoy		FIY4s				Private aid.
2764.3	Catalina Sea Ranch NE Buoy		FI Y 4s				Private aid.
2764.4	Catalina Sea Ranch SE Buoy	118-06-04.000W 33-36-28.000N 118-06-04.000W	FIY4s				Private aid.
		. 10 00 04.00011	CALIFORNIA - Elev	enth Distric	t		
	PEDRO BAY (Chart 18749)						
Anah 2767.1	eim Bay Huntington Harbour Channel Buoy 1	33-43-56.340N 118-05-03.540W	FI G 3s				6' Green Can Buoy. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth Distric	t		
	PEDRO BAY (Chart 18749) heim Bay						
2767.2	Huntington Harbour Channel Buoy 2	33-43-53.880N 118-05-02.820W	FIR 3s				6' Red Nun Buoy. Private aid.
2767.3	Huntington Harbour Channel Buoy 3	33-43-56.100N 118-04-58.800W	FI G 3s				6' Green Can Buoy. Private aid.
2767.4	Huntington Harbour Channel Buoy 4	33-43-53.760N 118-05-01.200W	FIR 3s				6' Red Nun Buoy. Private aid.
2767.5	Huntington Harbour Channel Buoy 5	33-43-53.580N 118-04-55.500W	FI G 3s				6' Green Can buoy. Private aid.
2767.6	Huntington Harbour Channel Buoy 6	33-43-53.160N 118-04-59.640W	FIR 3s				6' Red Nun Buoy. Private aid.
2768.1	Huntington Harbour Channel Buoy 7	33-43-49.620N 118-04-54.300W	FI G 3s				6' Green Can Buoy. Private aid.
2768.2	Huntington Harbour Channel Buoy 8	33-43-51.240N 118-04-58.380W	FIR 3s				6' Red Nun Buoy. Private aid.
2768.3	Huntington Harbour Channel Buoy 9	33-43-45.240N 118-04-52.800W	FI G 3s				6' Green Can Buoy. Private aid.
2768.4	Huntington Harbour Channel Buoy 10	33-43-49.620N 118-04-58.500W	FIR 3s				6' Red Nun Buoy. Private aid.
2768.5	Huntington Harbour Channel Buoy 11	33-43-42.000N 118-04-46.680W	FI G 3s				6' Green Can Buoy. Private aid.
2768.6	Huntington Harbour Channel Buoy 12	33-43-47.400N 118-04-58.740W	FIR 3s				6' Red Nun Buoy. Private aid.
SAN	PEDRO CHANNEL (CHART 187	46)					
Anal 2769	h eim Bay Seal Beach NWS Turning Basin Buoy	33-44-12.920N 118-05-48.480W	FI G 4s				Private aid.
SAN	PEDRO BAY (Chart 18749)						
Anal	heim Bay					_	
2770	- Entrance Lighted Bell Buoy 1 50 feet outside channel limit.	118-06-42.305W	FI G 4s		4	Green.	
2775	 Entrance Lighted Whistle Buoy 2 50 feet outside channel limit. 	33-42-54.993N 118-06-33.687W	QR		3	Red.	
2780	- RANGE FRONT LIGHT	33-44-12.888N 118-05-32.304W	QG	39		KRW on skeleton tower.	Visible 4° each side of the rangeline. Lighted throughout 24 hours.
2785	 RANGE REAR LIGHT 200 yards, 036.4° from front light. 	33-44-17.664N 118-05-28.085W	Iso G 6s	56		KRW on skeleton tower.	Visible 4° each side of the rangeline. Lighted throughout 24 hours.
2790	 Entrance Buoy 3 50 feet outside channel limit. 	33-43-23.569N 118-06-22.088W				Green.	
2795	- Entrance Buoy 4 50 feet outside channel limit.	33-43-18.353N 118-06-13.463W				Red.	
2800	- WEST JETTY LIGHT 5	33-43-39.093N 118-06-06.756W	FI G 2.5s	31	4	SG on post.	HORN: 1 blast ev 15s (2s bl). The sound signal can be activated by keying VHF-FM Ch. 81A 5 times within 10 seconds.
2805	- EAST JETTY LIGHT 6	33-43-36.048N 118-06-00.312W	FI R 2.5s	27	5	TR on post.	
2810	- Channel Buoy 7	33-43-46.228N 118-06-01.018W				Green.	
2815	- Channel Buoy 8	33-43-43.152N 118-05-54.023W				Red Green Red.	
2820	- LIGHT 12	33-43-45.246N 118-05-34.494W	FIR 4s	9	3	TR on pile.	
2823	- LIGHT 13	33-43-50.106N 118-05-34.032W	FI G 2.5s	9	3	SG on pile.	
2827	- LIGHT 14	33-43-53.424N 118-05-19.842W	QR	9	3	TR on pile.	
Alam 2830	nitos Bay - EAST JETTY LIGHT 2	33-44-11.277N 118-07-13.193W	FI R 2.5s	25	5	TR on Pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CAN	DEDDO DAY (Chart 19740)		CALIFORNIA - Elev	enth Distric	t		
	PEDRO BAY (Chart 18749) nitos Bay						
2835	- WEST JETTY LIGHT 1	33-44-14.257N 118-07-19.564W	FI G 2.5s	16	4	SG on post.	BELL: 1 Stroke ev 15s. The sound signal can be activated by keying VHF-FM Ch. 81A 5 times within 10 seconds.
2840	- CHANNEL LIGHT 3	33-44-43.357N 118-06-59.954W	FI G 2.5s	16	5	SG on post.	
2843	- BAFFLE LIGHT A	33-45-08.062N 118-06-45.232W	F W	10		On post.	Private aid.
2844	- BAFFLE LIGHT B	33-45-14.062N 118-06-45.233W	F W	10		On post.	Private aid.
SAN 2845	PEDRO BAY (Chart 18749) LONG BEACH BREAKWATER EAST END LIGHT 1	33-43-23.479N 118-08-13.386W	FI G 6s	43	5	SG on skeleton tower.	HORN: 1 blast ev 15s (2s bl). The sound signal can be activated by keying VHF-FM Ch. 81A 5 times within 10 seconds.
2847	Long Beach Harbor Bait Barge LMB "NB"	33-43-30.000N 118-08-30.000W	FI W 4s			White with blue band.	Private aid.
LOS 2848	ANGELES AND LONG BEACH F Harbor Bait Barge Lighted Mooring Buoy "LB"	HARBORS (Chart 18 33-43-30.000N 118-08-19.000W	7 51) FI W 4s			White with blue band.	Private aid.
SAN 2856	PEDRO BAY (Chart 18749) Long Beach Harbor Mooring Buoy S-1	33-44-32.000N 118-09-02.000W	FI W 2s			White with blue band	Private aid.
2860	Long Beach Harbor Harley Marine Mooring Buoy "H"	33-44-38.000N 118-09-12.000W	FI W 2s			White with blue band.	Private aid.
2861	Long Beach Harbor Lighted Mooring Buoy S-2	33-44-25.200N 118-09-21.000W	FI W 2s			White with blue band.	Private aid.
2866	Long Beach Harbor Manson Lighted Mooring Buoy M-1	33-44-23.000N 118-08-48.000W	FI W 2s			White with blue band.	Private aid.
2867	Long Beach Harbor Manson Lighted Mooring Buoy M-2	33-44-42.000N 118-09-29.000W	FI W 2s			White with blue band.	Private aid.
2867.2	Long Beach Harbor Manson Lighted Mooring Buoy M-3	33-44-48.000N 118-09-53.000W	FI W 2s			White with blue band.	Private aid.
2870.1	Long Beach Harbor Manson Lighted Mooring Buoy M-4	33-44-50.200N 118-10-00.500W	FI W 2s			White with blue band.	Private aid.
2871	Long Beach Harbor Brusco Lighted Mooring Buoy	33-44-53.000N 118-10-09.000W	FI W 2s			White with blue band.	Private aid.
2872	Long Beach Harbor Lighted Mooring Buoy PT	33-44-33.000N 118-10-10.200W	FI W 4s			White with blue band.	Private aid.
2875	LONG BEACH HARBOR BAIT BARGE LIGHTED MOORING BUOY "FI"	33-44-39.000N 118-10-01.000W	FI W 4s			White with blue band.	Private aid.
LOS 2885	ANGELES AND LONG BEACH F SHORELINE MARINA JETTY LIGHT	•	7 51) FI W 4s	10		On post.	Private aid.
2890	SHORELINE MARINA BREAKWATER LIGHT EAST	33-45-27.064N 118-10-55.243W	FI G 4s	4		On post.	HORN: 1 blast ev 10s Private aid.
2895	SHORELINE MARINA BREAKWATER LIGHT WEST	33-45-23.064N 118-10-59.243W	FIR 4s	4		On post.	Private aid.
2900	SHORELINE MARINA ENTRANCE LIGHT EAST	33-45-31.064N 118-10-58.243W	QR	10		On post.	Private aid.
2905	SHORELINE MARINA ENTRANCE LIGHT WEST	33-45-29.064N 118-11-01.243W	FI G 4s	10		On post.	Private aid.
2910	SHORELINE MARINA MOLE LIGHT	33-45-28.064N 118-11-25.244W	FI W 4s	10		On post.	Private aid.
2915	RAINBOW HARBOR ENTRANCE LIGHT EAST	33-45-35.064N 118-11-32.245W	FR	10		On post.	Private aid.
2920	RAINBOW HARBOR ENTRANCE LIGHT WEST	33-45-35.064N 118-11-36.245W	F G	10		On post.	Private aid.
2960	CATALINA LANDING EAST LIGHT	33-45-41.000N 118-11-58.000W	FIR 6s	31		On post.	Private aid.

CALFORNIA - Eleventh District	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CATALINA LANDIN WEST 33-44-200N F C 27				CALIFORNIA - Elev	enth Distric	t		
TERMINAL SOUTH LIGHT		CATALINA LANDING WEST	33-45-42.000N	,	27		On post.	Private aid.
TERMINAL NORTH LICHT 118-11-13.600W 300 LONG BEACH HARBOR PIER 33-4-5-0.120N FIW 4s 32 5 NR on post. 100 LONG BEACH Channel 118-10-7.800W 118	2980			FI W 4s	20		On post.	Private aid.
JLIGHT 118-11-07-880W 33-44-25-361M Fix 4 Red. Lighted Bloby 2 Lighted Bloby 2 138-14-05-850W Fix 4 Red. Lighted Bloby 3 138-10-55-850W Fix 2.5s 25 5 SG on pole. Lighted Bloby 3 Lighted Bloby 3 Lighted Bloby 3 Lighted Bloby 2 Lighted Bloby 2 Light 1 Red. Light 2 Light 1 Red. Light 2 Red. Light 3 Red. Light 2 Red. Light 3 Red.	2985			QW	20		On post.	Private aid.
Lypines Buoy 2 118-10-37,650W 3008 LONG BEACH HARPOR PIER 33-441-1315N FIG 2.5s 25 5 TR on pole. JJETTY LICHT 3 118-10-65,650W FIR 2.5s 25 5 TR on pole. JJETTY LICHT 3 118-10-65,650W FIR 2.5s 25 5 TR on pole. JJETTY LICHT 4 118-10-65,150W FIR 2.5s 25 5 TR on pole. JLIGHT 4 10-66,150W FIR 33-44-17,191N FIR 2.5s 25 5 TR on pole. JLIGHT 4 10-66,150W FIR 33-44-13,920N FIR 33-44-24,013N FIR 34-12,04-200W FIR 34-12,05-200W	3006			FI W 4s	32	5	NR on post.	
JETTY LIGHT 3 118-10-55.450W 3009 LONG BEACH HARBOR PIER 33-444-7191N FIR 2.5s 25 5 TR on pole. JUGHT 4 33-44-17191N FIR 2.5s 25 5 TR on pole. JUGHT 4 33-44-17191N FIR 2.5s 25 5 TR on pole. JUGHT 4 33-44-19.20N FIR 2.5s 25 5 TR on pole. JUGHT 4 33-44-19.20N FIR 2.5s 25 5 TR on pole. JUGHT 4 33-44-19.20N FIR 2.5s 25 5 TR on pole. JONG Cosco Building. Private aid. On Cosco Building. Private aid. On 74ft tower. Private aid. Approach Lighted Whistle Buylete Whistle Whistle Buylete Whistle Buylete Whistle Buylete Whistle Buylete Whi	3007			FIR 4s		4	Red.	
DIGHT 4 118-10-56.150W FG 64	3008			FI G 2.5s	25	5	SG on pole.	
PIER SOUTH FRONT 33-44-13-320N FG 64	3009			FI R 2.5s	25	5	TR on pole.	
RANGE LIGHT 118-11-41.640W Private aid. Private aid. On 74ft tower. Private aid. On 94ft tower. Private aid. Private aid. On 94ft tower.	Dow	ntown Marina						
RANGE LIGHT 118-11-46.880W Private aid. Private aid.	3009.1			FG	64			•
Approach Lighted Whistle 33-41-24.013N Mo (A) W 5 Red and white RACON: C (-, -) AIS: MMSI 993692036	3009.2			FG	80			
Buoy LB	_					_		D40011 0 ()
Research Buoy 215 118-12-02-400W FI W 5s 50 14 NG on a white building with columnar base. 42	3010			Mo (A) W		5		
118-11-12.590W	3011			FI (5)Y 20s				Private aid.
118-10-50.072W 3016		Long Beach Light		FI W 5s	50	14	building with columnar base.	
CHANNEL RANGE FRONT 118-11-05.501W rangeline. Lighted throughout 2-thours. Fig. 2.396N Iso R 6s 59 KRW on pile. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Lighted throughout 2-thours. Visible 1.5° each side of the rangeline. Light	3015	- ENTRANCE LIGHT 2		FI R 2.5s	41	5	TR on pile.	
CHANNEL RANGE REAR LIGHT 573 yards, 355.3° from front light. 3020 - Lighted Buoy 3 33-43-36.382N FI G 4s 4 Green. 3021 - LIGHT 4 33-43-58.843N FI R 4s 30 4 TR on post. 118-11-44.714W FI R 6s 30 5 TR on post. 118-12-08.348W FI R 2.5s 26 5 TR on post. 3023 - LIGHT 8 33-44-11.161N FI R 2.5s 26 5 TR on post. 118-12-17.288W FI R 2.5s 26 5 NR on post. 118-12-42.4098W S026 - LIGHT 9 33-44-40.020N FI G 2.5s 26 5 SG on post. 3026 - LIGHT 9 33-44-47.039N FI R 2.5s 26 5 TR on post. 118-12-58.648W FI R 2.5s 20 5 TR on post. 118-12-66.948W FI R 2.5s 20 5 TR on post. 118-12-66.948W FI R 2.5s 20 5 TR on post. 118-12-66.948W FI R 2.5s 20 5 TR on post. 120 5 TR on post. 130 FI R 2.5s 20 5 TR on post. 130 FI R 2.5s 20 5 TR on post. 130 FI R 2.5s 20 5 TR on post. 130 FI R 2.5s 20 5 TR on post. 130 FI R 2.5s 20 5 TR on post. 130 FI R 2.5s 20 5 TR on post. 130 FI R 2.5s 20 5 TR on post. 130 FI R 2.5s 20 5 TR on post. 130 FI R 2.5s 20 5 TR on post. 130 FI R 2.5s 20 5 TR on post. 130 FI R 2.5s 20 5 TR on post. 130 FI R 2.5s 20 5 TR on post. 130 FI R 2.5s 20 5 TR on post. 130 FI R 2.5s 20 5 TR on post. 130 FI R 2.5s 20 5 TR on post. 130 FI R 2.5s 20 5 TR on post.	3016	CHANNEL RANGE FRONT		Iso R 2s	30		KRW on pile.	rangeline. Lighted throughout 24
118-11-31.699W 3021 - LIGHT 4	3017	CHANNEL RANGE REAR LIGHT 573 yards, 355.3° from front		Iso R 6s	59		KRW on pile.	rangeline. Lighted throughout 24
118-11-44.714W 3022	3020	- Lighted Buoy 3		FI G 4s		4	Green.	
118-12-08.348W 3023 - LIGHT 8 33-44-19.303N	3021	- LIGHT 4		FIR 4s	30	4	TR on post.	
118-12-17.288W 3024 LONG BEACH PIER F LIGHT 33-44-25.351N Iso W 6s 25 5 NR on post. F 118-12-24.098W 3026 - LIGHT 9 33-44-40.020N FI G 2.5s 26 5 SG on post. 3027 - LIGHT 10 33-44-47.039N FI R 2.5s 20 5 TR on post. HORN: 1 blast ev 15s (2s bl). Sound Signal operated by Jacobson Pilot Service at 562-432-0664. 3028 PIER F FIREBOAT PIER 33-44-51.066N F W 18 On pile. Private aid. 3035 - LIGHT 12 33-45-26.761N FI R 2.5s 20 5 TR on post. 3040 SOUTHEAST BASIN 33-44-26.185N Q G 14 4 SG on post.	3022	- LIGHT 6		FIR 6s	30	5	TR on post.	
F 118-12-24.098W 3026 - LIGHT 9 33-44-40.020N FI G 2.5s 26 5 SG on post. 3027 - LIGHT 10 33-44-47.039N FI R 2.5s 20 5 TR on post. HORN: 1 blast ev 15s (2s bl). Sound Signal operated by Jacobson Pilot Service at 562-432-0664. 3028 PIER F FIREBOAT PIER 33-44-51.066N F W 18 On pile. Private aid. 3035 - LIGHT 12 33-45-26.761N FI R 2.5s 20 5 TR on post. 3040 SOUTHEAST BASIN 33-44-26.185N Q G 14 4 SG on post.	3023	- LIGHT 8		FI R 2.5s	26	5	TR on post.	
118-13-03.100W 3027 - LIGHT 10 33-44-47.039N FI R 2.5s 20 5 TR on post. HORN: 1 blast ev 15s (2s bl). Sound Signal operated by Jacobson Pilot Service at 562-432-0664. 3028 PIER F FIREBOAT PIER 33-44-51.066N F W 18 On pile. Private aid. 3035 - LIGHT 12 33-45-26.761N FI R 2.5s 20 5 TR on post. 3040 SOUTHEAST BASIN 33-44-26.185N Q G 14 4 SG on post.	3024			Iso W 6s	25	5	NR on post.	
118-12-55.848W Sound Signal operated by Jacobson Pilot Service at 562-432-0664. PIER F FIREBOAT PIER 33-44-51.066N F W 18 On pile. Private aid. 118-12-56.948W 3035 - LIGHT 12 33-45-26.761N FI R 2.5s 20 5 TR on post. 118-12-58.676W 3040 SOUTHEAST BASIN 33-44-26.185N Q G 14 4 SG on post.	3026	- LIGHT 9		FI G 2.5s	26	5	SG on post.	
LIGHT 118-12-56.948W 3035 - LIGHT 12 33-45-26.761N FI R 2.5s 20 5 TR on post. 118-12-58.676W 3040 SOUTHEAST BASIN 33-44-26.185N Q G 14 4 SG on post.	3027	- LIGHT 10		FI R 2.5s	20	5	TR on post.	Sound Signal operated by Jacobson Pilot Service at 562-
3035 - LIGHT 12 33-45-26.761N FI R 2.5s 20 5 TR on post. 118-12-58.676W 3040 SOUTHEAST BASIN 33-44-26.185N Q G 14 4 SG on post.	3028			FW	18		On pile.	Private aid.
	3035	- LIGHT 12	33-45-26.761N	FI R 2.5s	20	5	TR on post.	
	3040			QG	14	4	SG on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1.06	ANCELES AND LONG BEACH	JAPPOPS (Chart 19	CALIFORNIA - Elev	enth Distric	t		
	ANGELES AND LONG BEACH I Beach Channel	TARBORS (Chart 16	3751)				
3050	LONG BEACH BACK CHANNEL SOUTH SECTOR LIGHT	33-44-58.780N 118-12-47.900W		120		On 3 leg tower, Visible white light in center of the outbound channel (less than 0.1°).	FI R (158.5° - 159°) F R (157° - 158.5° AI WR (156.5° - 157°) F W (156.5°) AI WG (156.5° - 156.5°) F G (154.5° - 156°) FI G (154° - 154.5°) Private aid.
3055	LONG BEACH BACK CHANNEL NORTH SECTOR LIGHT	33-46-19.740N 118-13-30.020W		105		On 3 leg tower, Visible white light in center of the inbound channel (less than 0.1°).	FI R (334° - 334.5°) F R (334.5° - 335.5°) AI WR (335.5° 336.5°) F W (336.5°) AI WG (336.5° 337.5°) F G (337.5° 338.5°) FI G (338.5° 339°) Private aid.
3085	INNER HARBOR INTAKE SOUTH LIGHT	33-45-57.065N 118-13-20.250W	QW	7		On deck of pier.	Private aid.
3090	INNER HARBOR INTAKE NORTH LIGHT	33-45-59.065N 118-13-21.250W	QW	7		On deck of pier.	Private aid.
	Angeles Harbor - Connolly Mooring Buoy LA-1	33 43 E4 000N				White with blue	Private aid.
3096	- Controlly Mooring Buoy LA-1	118-14-03.000W				band.	riivale alu.
3097	- Connolly Mooring Buoy LA-2	33-43-58.000N 118-14-06.000W				White with blue band.	Private aid.
3098	- Connolly Mooring Buoy LA-3	33-44-05.000N 118-14-09.000W				White with blue band.	Private aid.
3099	- Connolly Mooring Buoy LA-4	33-44-12.000N 118-14-12.000W				White with blue band.	Private aid.
3100	- Connolly Mooring Buoy LA-5	33-44-19.000N 118-14-15.000W				White with blue band.	Private aid.
Los A	Angeles Approach Channel						
3105	- Lighted Buoy 1	33-39-25.212N 118-13-33.050W	FI G 2.5s		4	Green.	
3106	- Lighted Buoy 2	33-40-23.982N 118-13-44.390W	FI R 2.5s		4	Red.	
3107	- Lighted Whistle Buoy 3	33-41-16.012N 118-14-24.050W	QG		4	Green.	RACON: O ()
3108	- Lighted Buoy 5	33-41-50.642N 118-14-40.300W	FI G 2.5s		4	Green.	
3109	- Lighted Buoy 6	33-41-55.012N 118-14-27.050W	FIR 4s		4	Red.	
3110 135	Los Angeles Light	33-42-30.810N 118-15-05.984W	FI G 15s	73	14	White cylindrical tower with black stripes on white concrete block building. 73	Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si), operates continuously.
Los A 3115	Angeles Main Channel - ENTRANCE LIGHT 8	33-42-38.934N 118-14-40.742W	FI R 2.5s	42	4	TR on pile.	
3117	- Lighted Buoy 11	33-42-50.180N 118-15-43.698W	FI G 2.5s		4	Green.	
3118	- Lighted Buoy 10	33-42-55.784N 118-15-29.532W	QR		4	Red.	
3122	- RANGE FRONT LIGHT	33-43-09.711N 118-16-17.158W	QY	43		On skeleton tower.	Visible 4° each side of the rangeline. Lighted throughout 24 hours.
3123	- RANGE REAR LIGHT 93 yards, 295.8° from front light.	33-43-10.910N 118-16-20.125W	Iso Y 6s	58		On skeleton tower.	Visible 4° each side of the rangeline.Lighted throughout 24 hours.
3127	PIER 400 LIGHT E	33-43-40.009N 118-14-13.934W	FI W 4s	35	5	NR on post.	
	inal Island Channel						
3127.1	PIER 400 LIGHT A	33-43-10.176N 118-14-02.461W	FI W 2.5s	15	5	NW on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth Distric	t		
Los A	ANGELES AND LONG BEACH Angeles Main Channel inal Island Channel	HARBORS (Chart 18	751)				
3127.2	PIER 400 LIGHT B	33-43-05.522N 118-14-18.986W	FI W 4s	15	5	NW on post.	
3127.3	PIER 400 LIGHT C	33-43-06.755N 118-14-23.154W	FI W 2.5s	15	5	NW on post.	
Los <i>A</i> 3128	Angeles Main Channel PIER 400 LIGHT S	33-42-57.402N 118-14-45.812W	FI W 6s	45	5	NR on post.	
3129	PIER 400 LIGHT T	33-42-57.694N 118-15-03.917W	Iso W 2s	50	5	NR on post.	
	inal Island Channel						
3132	- Lighted Buoy 1	33-43-17.040N 118-15-51.858W	FI G 4s		4	Green.	
3134	- Lighted Buoy 3	33-43-22.233N 118-15-50.332W	FI G 2.5s		3	Green.	
3138	- Lighted Buoy 5	33-43-45.648N 118-15-56.424W	QG		4	Green.	
Los A 3145	Angeles Main Channel - LIGHT 12	33-43-18.522N 118-16-03.572W	FI R 2.5s	20	5	TR on post.	HORN: 1 blast ev 15s (2s bl). The sound signal can be activated by keying VHF-FM Ch 81A 5 times within 10 seconds.
Los A 3165	Angeles East Basin Channel - LIGHT 1	33-45-10.927N 118-16-02.516W	FI G 4s	34	5	SG on pile.	
3170	- LIGHT 2	33-45-57.055N 118-15-11.186W	FIR 4s	15	5	TR on pile.	
3175	- Buoy 4	33-46-21.121N 118-14-55.394W				Red nun.	
Cerri 3180	tos Channel - Lighted Buoy 1	33-45-47.580N 118-15-06.304W	FI G 4s		4	Green.	
Los A 3185	Angeles Outer Harbor - LIGHT A	33-42-38.412N 118-15-24.650W	FI W 2.5s	15	5	NW on post.	
3186	- LIGHT B	33-42-46.513N 118-15-48.039W	FI W 4s	15	5	NW on post.	
3187	- LIGHT C	33-42-42.376N 118-16-06.627W	FI W 2.5s	20	4	NW on post.	
3187.1	LOS ANGELES SHALLOW WATER HABITAT MARKER LIGHT	33-42-34.210N 118-16-10.760W	Oc W 3s	25		NW on post.	Private aid.
3187.5	- LIGHT D	33-42-39.671N 118-16-22.274W	FI W 4s	20	4	NW on post.	
3188	- LIGHT E	33-42-46.048N 118-16-32.759W	FI W 2.5s	20	4	NW on post.	
3189	- LIGHT F	33-42-52.387N 118-16-42.941W	FI W 4s	20	4	NW on post.	
3190	San Pedro Bait Company Lighted Mooring Buoy	33-42-51.060N 118-16-18.000W	FI W 4s			White sphere with blue horizontal band.	Private aid.
Fish 3225	Harbor - CHANNEL LIGHT 1	33-43-48.900N 118-15-56.114W	FI G 2.5s	25	4	SG on post.	
3230	- CHANNEL LIGHT 2	33-43-51.200N 118-15-53.534W	FIR 4s	25	4	TR on post.	
3250	- CHANNEL LIGHT 4	33-44-02.080N 118-16-00.304W	FI R 2.5s	15	4	TR on post.	
3255	- CHANNEL LIGHT 3	33-44-01.712N 118-16-03.450W	FI G 4s	25	4	SG on pile.	
San I 3279	Pedro West Channel - LIGHT 4	33-42-49.558N 118-16-24.211W	FIR 4s	42	5	TR on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LOS	ANGELES AND LONG BEACH	HARBORS (Chart 18	CALIFORNIA - Elev	enth Distric	t		
	Pedro West Channel CABRILLO BEACH LAUNCH	33-42-49.000N	FI W 4s	11		On post.	Private aid.
	RAMP LIGHT NORTH	118-16-58.000W				On post.	
3295	CABRILLO BEACH LAUNCH RAMP LIGHT SOUTH	33-42-46.800N 118-16-58.200W	FI W 4s	15		On post.	Private aid.
3305	CABRILLO WAY MARINA LIGHT	33-42-57.069N 118-16-42.255W	FI W 4s	22		On post.	Private aid.
SAN 3325	TA MONICA BAY (Chart 18744) Redondo Harbor Entrance Lighted Bell Buoy RB	33-50-21.366N 118-23-47.318W	Mo (A) W		5	Red and white stripes. No topmark will be shown on this aid as required by IALA standards due to weather.	
3330	REDONDO BEACH WEST JETTY LIGHT 3	33-50-27.978N 118-23-43.785W	FI G 4s	35	4	SG on post.	
3335	REDONDO BEACH EAST JETTY LIGHT 2	33-50-30.690N 118-23-38.986W	FIR 4s	20	5	TR on post.	HORN: 1 blast ev 10s (1s bl). The sound signal can be activated by keying VHF-FM Ch 81A 5 times within 10 seconds.
3336	SCRIPPS WAVERIDER LIGHTED RESEARCH BUOY 028	33-51-35.800N 118-38-28.000W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
_	Harbor						
3337	- Channel Buoy 1	33-50-27.053N 118-23-41.268W				Green can.	Private aid.
3338	- Channel Buoy 2	33-50-29.053N 118-23-38.268W				Red nun.	Private aid.
3339.1	- Units 7 & 8 Discharge Buoy	33-50-33.600N 118-23-37.600W				White can with orange bands and orange diamond.	Private aid.
3339.2	REDONDO HARBOR LIGHT	33-50-58.000N 118-23-39.268W	FI W 5s	165		On generation station.	Private aid.
3340	- MOLE LIGHT	33-50-38.000N 118-23-47.000W	FR	17		On post.	Private aid.
3342	- Channel Buoy 3	33-50-35.053N 118-23-51.268W				Green can.	Private aid.
3343	- Channel Buoy 4	33-50-38.053N 118-23-48.268W				Red nun.	Private aid.
3345	- PORTOFINO LIGHT 1	33-50-49.053N	F G	5		On post.	Private aid.
3350	- PORTOFINO LIGHT 2	118-23-55.268W 33-50-48.053N	FR	5		On post.	Private aid.
3352	- Channel Buoy 5	118-23-53.268W 33-50-45.053N				Green can.	Private aid.
3353	- Channel Buoy 6	118-23-57.268W 33-50-45.053N 118-23-53.268W				Red nun.	Private aid.
3355	- BASIN 1 LIGHT 1	33-50-56.000N 118-24-02.000W	F G	17		On post.	Private aid.
3360	- BASIN 1 LIGHT 2	33-50-54.053N 118-23-59.268W	FR	5		On post.	Private aid.
3362	- Channel Buoy 7	33-50-53.053N 118-24-03.269W				Green can.	Private aid.
3363	- Channel Buoy 8	33-50-54.053N 118-24-00.268W				Red nun.	Private aid.
3365	- Unit 6 Intake Danger Buoy	33-50-42.200N 118-23-59.300W				White can with orange band.	Private aid.
3370	- Unit 5 Intake Danger Buoy	33-50-40.600N 118-23-59.000W				White can with orange band.	Private aid.
3375	Hermosa Beach Pier Fog Signal	33-51-41.051N 118-24-19.270W					HORN: 1 blast ev 15s (2s bl). Private aid.
	egundo	00.54.40.00011	ELD 4:			Dad	Delivata alid
3380	- Lighted Bell Buoy 2ES	33-54-42.000N 118-27-32.000W	FIR 4s			Red.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
241	ITA MONICA DAY (Chart 19744)		CALIFORNIA - Eleve	enth District	i		
	ITA MONICA BAY (Chart 18744) egundo						
3390	- NRG Energy Buoy 4ES	33-54-25.000N 118-25-56.000W				Red nun labeled DANGER BELOW.	Private aid.
3400	- NRG Energy Buoy 6ES	33-54-28.000N 118-26-03.274W				Red nun labeled DANGER BELOW.	Private aid.
3410	Scattergood Intake Buoy 8ES	33-54-59.046N 118-26-11.276W				Red nun.	Private aid.
3415	- LIGHT	33-54-37.190N 118-25-42.120W	FI W 2.5s	24		NR on pile.	Private aid.
3420	Hyperion Lighted Gong Buoy 10 ES	33-55-13.400N 118-26-30.300W	QR			Red.	Private aid.
Нур	erion						
3425	- Outfall Buoy 12ES	33-55-05.045N 118-26-54.277W				Red nun.	Private aid.
	ina del Rey		FI 0 0		_		
3445	- BREAKWATER SOUTH LIGHT 1	33-57-30.075N 118-27-37.802W	FI G 6s	30	5	SG on post.	
3450	- BREAKWATER NORTH LIGHT 2	33-57-48.704N 118-27-51.822W	FIR 6s	23	4	TR on post.	
3455	- LIGHT 3	33-57-46.114N 118-27-42.512W	FI G 4s	45	5	SG on post.	Obscured 151° to 331°. HORN: 1 blast ev 30s (2s blast). The sound signal can be activated by keying VHF- FM Ch. 81A 5 times within 10 seconds.
3460	- LIGHT 4	33-57-37.895N 118-27-36.832W	FIR 4s	45	4	TR on post.	
3465	- PIER LIGHT	33-58-12.487N 118-26-48.621W	FIR 4s	15	5	NR on post.	
San	ta Monica						
3555	- Pier Fog Signal	34-00-26.900N 118-29-58.700W					Horn:1 blast ev 20s. Private aid.
3560	Scripps Waverider CDIP Lighted Research Buoy 103	34-01-20.000N 118-34-42.000W	FI (5)Y 20s			Painted with CDIP.UCSD.EDU 858-534-3032.	Private aid.
	RT HUENEME TO SANTA BARBA	ARA (Chart 18725)					
Port 3585	t Hueneme - Light	34-08-42.624N	FI (5)W 30s	52	14	White square tower	Obscured from 296° to 155°.
190	- Light	119-12-35.919W	0.1s fl 4.9sec. 0.1s fl 4.9sec. 0.1s fl 4.9sec. 0.1s fl 4.9sec. 0.1s fl 9.9sec.	<i>32</i>		on building. 48	HORN: 1 blast ev 30s (3 sec blast). The sound signal can be activated by keying VHF-FM Ch. 81A 5 times within 10 seconds.
3590	Ormond Beach Intake Buoy OB2	34-07-22.000N 119-10-32.000W				Red nun.	Private aid.
3595	- Entrance Lighted Whistle Buoy PH	34-08-16.030N 119-13-01.440W	Mo (A) W		5	Red and white stripes. No topmark will be shown on this aid as required by IALA standards due to weather.	
3600	- EAST JETTY LIGHT 4	34-08-35.160N 119-12-42.861W	FI R 2.5s	31	5	TR on post, Restricted Area Warning Sign.	
3605	- RANGE FRONT LIGHT	34-09-07.926N 119-12-20.764W	QR	63		KRW on pile.	Visible 4° each side of the rangeline. Lighted throughout 24 hours.
3610	 RANGE REAR LIGHT 245 yards, 037.0° from front light. 	34-09-13.731N 119-12-15.503W	Iso R 6s	87		KRW on pile.	Visible 4° each side of the rangeline. Lighted throughout 24 hours.
3615	- WEST JETTY LIGHT 3	34-08-38.340N 119-12-58.581W	FI G 2.5s	42	5	SG on post. Restricted Area.	
3620	- Channel Lighted Buoy 5	34-08-44.306N 119-12-44.398W	FI G 4s		4	Green.	
3625	- Channel Lighted Buoy 6	34-08-42.344N 119-12-41.253W	FIR 4s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleve	enth District	t		
	RT HUENEME TO SANTA BARB	ARA (Chart 18725)					
3630	nnel Islands Harbor - BREAKWATER SOUTH LIGHT 1	34-09-16.314N 119-13-49.248W	FI G 6s	54	5	SG on pile.	
3635	- BREAKWATER NORTH LIGHT	34-09-35.029N 119-14-03.443W	FI W 4s	35	5	NR on square platform on white column.	
3640	- SOUTH JETTY LIGHT 2	34-09-21.726N 119-13-38.667W	FI R 2.5s	35	5	TR on post.	HORN: 1 blast ev 30s (1s bl). The sound signal can be activated by keying VHF-FM Ch. 83A 5 times within 10 seconds.
3645	- NORTH JETTY LIGHT 3	34-09-26.016N 119-13-42.129W	FI G 4s	35	5	SG on post.	
3650	- SOUTH JETTY LIGHT 4	34-09-28.860N 119-13-27.357W	FIR 4s	39	5	TR on post.	Obscured from 230° to 060°.
3655	- NORTH JETTY LIGHT 5	34-09-32.233N 119-13-29.980W	FI G 4s	39	5	SG on post.	
3656	Scripps Waverider Lighted Research Buoy 111	34-10-02.400N 119-26-06.000W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
Ven 3675	tura Marina - Entrance Lighted Whistle Buoy 2V	34-14-26.612N 119-16-44.851W	FI R 2.5s		4	Red.	
3685	- SOUTH BREAKWATER LIGHT 3	34-14-44.850N 119-16-23.589W	FI G 2.5s	26	5	SG on post.	
3690	- Buoy 4	34-14-32.952N 119-16-26.571W				Red nun.	
3695	- North Jetty Daybeacon	34-14-52.282N 119-16-20.601W				NW on concrete pile.	
3700	- SOUTH JETTY LIGHT 6	34-14-46.374N 119-16-12.969W	FIR 4s	26	5	TR on pile.	HORN: 1 blast ev 10s (1s bl). The sound signal can be activated by keying VHF-FM Ch. 81A 5 times within 10 seconds.
3705	- NORTH JETTY LIGHT 7	34-14-52.128N 119-16-16.785W	FI G 4s	26	4	SG on pole.	
3715	- Channel Buoy 8	34-14-52.536N 119-16-09.855W				Red nun.	Buoy may be frequently relocated due to changing conditions.
3720	- Channel Buoy 9	34-14-57.184N 119-16-10.183W				Green can.	Buoy may be frequently relocated due to changing conditions.
3725	- Channel Buoy 10	34-14-57.761N 119-16-05.344W				Red nun.	Buoy may be frequently relocated due to changing conditions.
San 3745	ta Barbara Harbor Santa Barbara Desal Intake Lighted Marker Buoy 1	34-24-26.340N 119-40-46.980W	FI W 4s			White w/ Orange Stripes.	Private aid.
3746	Santa Barbara Desal Intake Lighted Marker Buoy 2	34-24-36.046N 119-40-50.022W	FIY6s			Yellow w/ Orange Diamond and Cross Top.	Private aid.
3750	- BREAKWATER LIGHT	34-24-17.376N 119-41-16.312W	FI W 2.5s	35	8	NG on pile.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). The sound signal can be activated upon request to the Santa Barbara Harbor Patrol.
3755	- Lighted Bell Buoy SB	34-24-04.002N 119-40-45.531W	Mo (A) W		5	Red and white stripes. No topmark will be shown on this aid as required by IALA standards due to weather.	
3760	- Lighted Buoy 3	34-24-17.617N 119-41-02.702W	FI G 2.5s		4	Green.	
3765	- LIGHT 4	34-24-29.010N 119-41-06.352W	FIR 6s	25	5	TR on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth District	t		
	T HUENEME TO SANTA BARBA a Barbara Harbor	ARA (Chart 18725)					
3767	SANTA BARBARA BREAKWATER EXTENSION LIGHT	34-24-27.948N 119-41-16.312W	FI W 4s	20	5	NG on post.	
3770	- Lighted Buoy 5	34-24-26.078N 119-41-09.775W	FI G 4s		3	Green.	Buoy may be frequently relocated due to changing conditions.
3772	- Lighted Buoy 6	34-24-31.037N 119-41-09.508W	FI R 2.5s		3	Red.	Buoy may be frequently relocated due to changing conditions.
3775	- Lighted Buoy 7	34-24-29.354N 119-41-12.392W	FI G 6s		4	Green.	Buoy may be frequently relocated due to changing conditions.
3780	- Lighted Buoy 8	34-24-33.009N 119-41-13.067W	FIR 6s		3	Red.	Buoy may be frequently relocated due to changing conditions.
3785	- Lighted Buoy 11	34-24-30.707N 119-41-15.856W	QG		3	Green.	Buoy may be frequently relocated due to changing conditions.
3790	- Lighted Buoy 10	34-24-32.393N 119-41-16.948W	FIR 4s		3	Red.	Buoy may be frequently relocated due to changing conditions.
3792	- Lighted Buoy 12	34-24-29.541N 119-41-21.472W	FI R 2.5s		3	Red.	Buoy may be frequently relocated due to changing conditions.
3795	- LIGHT 14	34-24-25.956N 119-41-27.388W	QR	15	4	TR on post.	
3800	Santa Barbara Aquaculture Boundary Buoy A	34-19-58.530N 119-42-46.440W	FI Y 2s				Private aid.
3801	Santa Barbara Aquaculture Boundary Buoy B	34-20-10.120N 119-42-45.720W	FI Y 2s				Private aid.
3802	Santa Barbara Aquaculture Boundary Buoy C	34-20-11.230N 119-42-07.240W	FI Y 2s				Private aid.
3803	Santa Barbara Aquaculture Boundary Buoy D	34-19-59.640N 119-42-07.920W	FI Y 2s				Private aid.
3804.01	Santa Barbara Aquaculture Buoy E	34-20-02.930N 119-42-39.790W	FIY2s				Private aid.
3804.02	Santa Barbara Aquaculture Buoy F	34-20-06.170N 119-42-39.890W	FIY2s				Private aid.
3804.03	Santa Barbara Aquaculture Buoy H	38-20-06.280N 119-42-35.200W	FIY2s				Private aid.
3804.04	Santa Barbara Aquaculture Buoy J	34-20-06.380N 119-42-30.510W	FI Y 2s				Private aid.
3804.05	Santa Barbara Aquaculture Buoy L	34-20-06.490N 119-42-25.820W	FIY2s				Private aid.
3804.06	Santa Barbara Aquaculture Buoy N	34-20-06.590N 119-42-21.130W	FIY2s				Private aid.
3804.07	Santa Barbara Aquaculture Buoy P	34-20-06.690N 119-42-16.430W	FIY2s				Private aid.
3804.08	Santa Barbara Aquaculture Buoy Q	34-20-06.740N 119-42-14.090W	FIY2s				Private aid.
3804.09	Santa Barbara Aquaculture Buoy R	34-20-03.500N 119-42-13.980W	FIY2s				Private aid.
3804.1	Santa Barbara Aquaculture Buoy T	34-20-03.400N 119-42-18.680W	FIY2s				Private aid.
3804.11	Santa Barbara Aquaculture Buoy V	34-20-03.290N 119-42-23.370W	FIY2s				Private aid.
3804.12	Santa Barbara Aquaculture Buoy X	34-20-03.190N 119-42-28.060W	FIY2s				Private aid.
3804.13	Santa Barbara Aquaculture Buoy Z	34-20-03.090N 119-42-32.750W	FIY2s				Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth Distric	t		
	T HUENEME TO SANTA BARBA	ARA (Chart 18725)					
3804.14	a Barbara Harbor Santa Barbara Aquaculture Buoy AB	34-20-02.980N 119-42-37.440W	FI Y 2s				Private aid.
	ERO BAY (Chart 18703)						
3815	San Luis - Lighted Whistle Buoy 3	35-09-13.970N 120-44-56.581W	FI G 4s		4	Green.	
3820.1	- Channel Lighted Buoy 4	35-09-38.280N 120-44-48.120W	FI R 2.5s			Red.	Private aid.
3820.2	- Channel Lighted Buoy 5	35-09-36.500N 120-44-51.000W	FI G 2.5s			Green.	Private aid.
3820.3	- Channel Buoy 6	35-09-44.220N 120-44-53.300W				Red nun.	Private aid.
3820.4	- Channel Buoy 7	35-09-42.500N 120-44-56.300W				Green can.	Private aid.
3820.5	- Channel Buoy 8	35-09-50.160N 120-44-58.600W	FIR 4s			Red nun.	Private aid.
3820.6	- Channel Buoy 9	35-09-50.480N 120-45-01.560W	FI G 4s			Green can.	Private aid.
3820.7	- Channel Buoy 10	35-09-56.100N 120-45-03.900W				Red nun.	Private aid.
3820.8	- Channel Buoy 11	35-09-54.400N 120-45-06.800W				Green can.	Private aid.
3820.9	- Channel Lighted Buoy 12	35-10-02.040N 120-45-09.100W	FIR 4s			Red nun.	Private aid.
3821	- Channel Lighted Buoy 13	35-10-00.000N 120-45-12.000W	FI G 4s			Green can.	Private aid.
3832	AVILA BEACH CAL POLY PIER LIGHT	35-10-11.100N 120-44-27.600W	F W	24		On post.	Private aid.
3833	Scripps Waverider Lighted Research Buoy 076	35-12-13.800N 120-51-33.600W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
3835 240	MORRO BAY WEST BREAKWATER LIGHT	35-21-46.296N 120-52-11.417W	FI W 4s	36	9	White column.	Light obscured from 176° to 207°. HORN: (MRASS) 1 blast ev 30s (3s bl). The sound signal can be activated by keying VHF-FM Ch.83A 6 times within 10 seconds.
Morr 3840	o Bay Channel Morro Bay Approach Lighted Whistle Buoy MB	35-21-35.358N 120-52-49.871W	Mo (A) W		5	Red and white stripes. No topmark will be shown on this aid as required by IALA standards due to weather.	AIS: MMSI 993692037
3845	- Lighted Buoy 2	35-21-36.614N 120-52-30.697W	FIR 4s		4	Red nun.	
3850	- Lighted Buoy 3	35-21-45.610N 120-52-08.131W	FI G 2.5s		4	Green.	Buoy may be frequently relocated due to changing conditions.
3855	- Lighted Buoy 4	35-21-44.800N 120-52-01.820W	FI R 2.5s		3	Red.	Buoy may be frequently relocated due to changing conditions.
3856	- Lighted Buoy 4A	35-21-56.033N 120-51-56.923W	FIR 4s		3	Red.	Buoy may be frequently relocated due to changing conditions.
3860	- Lighted Buoy 5	35-21-57.184N 120-52-00.876W	FI G 4s		4	Green.	Buoy may be frequently relocated due to changing conditions.
3865	- Lighted Buoy 6	35-22-05.735N 120-51-48.464W	FIR 6s		4	Red.	Buoy may be frequently relocated due to changing conditions.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth Distric	t		
	ERO BAY (Chart 18703) ro Bay Channel						
3870	- Lighted Buoy 7	35-22-05.047N 120-51-53.627W	FI G 6s		4	Green.	Buoy may be frequently relocated due to changing conditions.
3875	- Lighted Buoy 8	35-22-13.891N 120-51-38.625W	FI R 2.5s		3	Red.	Buoy may be frequently relocated due to changing conditions.
3877	MORRO BAY ROUGH BAR WARNING LIGHT	35-22-15.372N 120-51-31.588W	QY	40		NW labeled ROUGH BAR on pier.	Lights flash when seas exceed four feet in height. Lights extinguished for lesser bar conditions, but with no guarantee that bar is safe.
3880	- Buoy 10	35-22-09.094N 120-51-26.452W	FIR 4s		3	Red.	Buoy may be frequently relocated due to changing conditions.
3885	- Daybeacon 12	35-21-59.604N 120-51-17.723W				TR on pile.	
3890	- Daybeacon 14	35-21-45.342N 120-51-12.647W				TR on pile.	
3895	- Daybeacon 16	35-21-29.688N 120-51-07.631W				TR on pile.	
3900	- Daybeacon 17	35-21-17.685N 120-50-55.266W				SG on pile.	
3905	- Daybeacon 18	35-21-16.461N 120-50-57.604W				TR on pile.	
3910	- Daybeacon 20	35-21-05.772N 120-50-48.045W				TR on pile.	
	ero Bay	25 26 40 046N				Croon	
3955 3960	Mouse Rock Bell Buoy 3MR Constantine Rock Buoy 1CR	35-26-18.916N 120-54-31.507W 35-26-08.654N				Green. Green can.	
	,	120-56-48.239W				Green can.	
	NTEREY BAY (Chart 18685) terey						
San 3964	ta Cruz Scripps Waverider Lighted	36-37-34.500N	FI (5)Y 20s			Yellow sphere with	Private aid.
3965	Research Buoy 158 Monterey Bay Lighted Bell	121-54-25.560W 36-37-28.546N	FIR 4s		4	whip antenna Red.	
3970	Buoy 4 MONTEREY HARBOR LIGHT 6	121-53-45.419W 36-36-30.542N 121-53-22.947W	Oc R 4s	20	6	TR on pile.	HORN: 1 blast ev 30s (3s bl).
Mon	terey Harbor						
3972.1	- Junction Lighted Buoy A	36-36-28.140N 121-53-19.500W	FI (2+1)R 6s			Red and green bands.	Private aid.
3972.2	- North Channel Lighted Buoy 1	36-36-29.500N 121-53-25.300W	FI G 4s			Green.	Private aid.
3973.1	- Main Channel Lighted Buoy 2	36-36-24.800N 121-53-22.200W	FIR 4s			Red.	Private aid.
3973.2	- Main Channel Lighted Buoy 3	36-36-23.800N 121-53-20.100W	FI G 4s			Green.	Private aid.
3973.3	- Main Channel Lighted Buoy 4	36-36-21.300N 121-53-25.800W	FIR 6s			Red.	Private aid.
3973.4	- Main Channel Lighted Buoy 5	36-36-19.900N 121-53-25.600W	FI G 4s			Green.	Private aid.
3973.5	- Main Channel Lighted Buoy 6	36-36-19.300N 121-53-28.100W	FIR 4s			Red.	Private aid.
3973.6	- MAIN CHANNEL LIGHT 7	36-36-16.860N 121-53-29.760W	FI G 6s			On corner of Breakwater	Private aid.
3975.1	- Mooring Area Lighted Marke Buoy W	r 36-36-19.800N 121-53-18.300W	FIY4s			Yellow.	Private aid.
3975.2	- Mooring Area Lighted Marke. Buoy X	r 36-36-19.800N 121-53-13.080W	FI Y 4s			Yellow.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MON	TEREY BAY (Chart 18685)		CALIFORNIA - Elev	renth Distric	t		
Mont	-						
Mont 3975.3	erey Harbor - Mooring Area Lighted Marker Buoy Y	r 36-36-12.120N 121-53-19.740W	FIY4s			Yellow.	Private aid.
3975.4	- Mooring Area Lighted Marker Buoy Z	r 36-36-10.500N 121-53-13.080W	FIY4s			Yellow.	Private aid.
Moss	Landing						
3990	- Harbor Entrance Lighted Bell Buoy MLA	7 36-47-56.154N 121-48-05.699W	Mo (A) W		4	Red and white stripes with red spherical topmark.	
4000	- HARBOR ENTRANCE RANGE FRONT LIGHT	36-48-33.663N 121-47-07.802W	QG	15		KRW on red pile.	Visible 5.5° each side of the rangeline.
4005	- HARBOR ENTRANCE RANGE REAR LIGHT 64 yards, 052.5° from front light.	36-48-34.818N 121-47-05.932W	Iso G 6s	25		KRW on red pile.	Visible 5.5° each side of the rangeline.
4010	- Harbor Channel Buoy 1	36-48-20.854N 121-47-33.412W				Green can.	
4020	- HARBOR ENTRANCE LIGHT 3	36-48-25.014N 121-47-27.516W	FI G 4s	22	4	SG on pile.	Ra ref.
4025	- HARBOR ENTRANCE LIGHT 2	36-48-20.934N 121-47-22.061W	Oc R 4s	22	4	TR on pile.	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si), operates continuously. Ra ref.
4030	- HARBOR CHANNEL LIGHT 4	36-48-30.027N 121-47-11.479W	FIR 4s	15	3	TR on pile.	
4035	- Harbor Channel Daybeacon 5	36-48-31.269N 121-47-05.986W				SG on pile.	
4040	- Harbor Channel Buoy 6	36-48-29.833N 121-47-08.557W				Red nun.	
4045	- HARBOR CHANNEL LIGHT 8	36-48-27.807N 121-47-07.720W	FI R 2.5s	15	3	TR on pile.	
4050	- Harbor Channel Buoy 9	36-48-22.511N 121-47-06.654W				Green can.	
4055	- Harbor Channel Buoy 11	36-48-18.762N 121-47-06.714W				Green can.	
Mont	•						
Sant : 4060	a Cruz UCSD CDIP Wave Buoy 267	36-50-16.800N 121-49-12.720W	FI (5)Y 20s			Yellow 3' Diameter Sphere Buoy w/ 8' Antenna.	Private aid.
4065	UCSD CDIP Wave Buoy 266	36-50-41.640N 121-49-28.920W	FI (5)Y 20s			Yellow 3' Diameter Sphere Buoy w/ 8' antenna.	Private aid.
Santa	a Cruz						
4080	- Lighted Whistle Buoy SC	36-56-20.377N 122-00-34.656W	Mo (A) W		4	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
4085 300	- WEST BREAKWATER LIGHT	36-57-38.544N 122-00-07.920W	Oc G 4s	60	8	White cylindrical structure.	HORN: 1 blast ev 30s (3s bl).
4090	- Harbor Buoy 1	36-57-40.898N 122-00-07.817W				Green can.	Maintained from May 1 to Nov. 1. Buoy may be frequently relocated due to changing conditions.
4095	- Harbor Lighted Buoy 2	36-57-41.089N 122-00-05.671W	FIR 4s		3	Red.	Maintained from May 1 to Nov. 1. Buoy may be frequently relocated due to changing conditions.
4100	- Harbor Buoy 3	36-57-46.279N 122-00-08.436W				Green can.	Maintained from May 1 to Nov. 1. Buoy may be frequently relocated due to changing conditions.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	venth Distric	t		
	NTEREY BAY (Chart 18685) ta Cruz						
4105	- Harbor Buoy 4	36-57-46.423N 122-00-06.950W				Red nun.	Maintained from May 1 to Nov. 1. Buoy may be frequently relocated due to changing conditions.
4110 305	- Light	36-57-05.340N 122-01-36.360W	FI W 5s	60		White lantern house on brick building. 39.	Light obscured from 085-220 degrees. Private aid.
4115	- Municipal Wharf Signal	36-57-25.940N 122-01-01.930W					HORN : 1 blast ev 15s (2s bl). Private aid.
HAL	F MOON BAY						
4125	Southeast Reef Southern End Lighted Gong Buoy 1S	37-27-52.901N 122-28-11.003W	FI G 6s		5	Green.	
	r Point Harbor	, 27 20 40 422N	ELC 2.50		4	Croon	
4130	- Entrance Lighted Gong Buoy 1	122-30-21.959W	FI G 2.5s			Green.	
4135	- Entrance Lighted Buoy 2	37-28-22.251N 122-29-02.835W	FIR 4s		4	Red.	
4140	- Entrance Lighted Bell Buoy 3	3 37-28-53.491N 122-28-58.995W	FI G 4s		5	Green.	
4145	- ENTRANCE LIGHT	37-29-38.485N 122-29-05.003W	FI W 5s	50	9	White cylindrical structure.	Obscured from 355° to 102°. HORN: 1 blast ev 10s (1s bl), operates continuously.
4150	- LIGHT 6	37-29-43.226N 122-29-08.517W	FIR 6s	30	4	TR on skeleton tower.	
4151	PILLAR POINT INNER HARBOR LIGHT 2	37-30-00.787N 122-29-04.540W	FI R 2.5s	16		TR on breakwater.	Private aid.
4153	PILLAR POINT INNER HARBOR LIGHT 1	37-30-00.270N 122-28-46.640W	FI G 2.5s	16		SG on breakwater.	Private aid.
4154	Pillar Point Lighted Research Buoy	37-30-00.900N 122-31-57.680W	FI Y 2.5s			Lighted Yellow Buoy w/ GPS.	Private aid.
	F OF THE FARALLONES						
4155	f of the Farallones Colorado Reef Lighted Buoy 26	37-32-10.035N 122-33-09.066W	FI R 2.5s		4	Red.	
	RANCE TO SAN FRANCISCO BA	AY (Chart 18649)					
4160	- Lighted Bell Buoy 1	37-46-11.197N 122-37-55.998W	QG		5	Green.	AIS: 993699998
4165	- Lighted Whistle Buoy 2	37-45-48.020N 122-37-44.551W	QR		5	Red.	AIS: 993692278
4170	- Lighted Buoy 3	37-46-24.819N 122-37-08.009W	FI G 4s		4	Green.	
4175	- Lighted Buoy 4	37-46-01.660N 122-36-57.399W	FIR 4s		4	Red.	
4180	- Lighted Bell Buoy 5	37-46-38.110N 122-36-22.100W	FI G 6s		4	Green.	
4185	- Lighted Buoy 6	37-46-14.940N 122-36-10.826W	FIR 6s		4	Red.	
4187	Scripps Waverider Lighted Research Buoy 142	37-47-10.200N 122-38-03.000W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
4190	- Lighted Bell Buoy 7	37-46-54.729N 122-35-23.674W	FI G 2.5s		4	Green.	
4195	- Lighted Whistle Buoy 8	37-46-31.449N 122-35-14.273W	FI R 2.5s		4	Red.	
DRA	AKES BAY						
4200	- Lighted Whistle Buoy 1	37-58-57.753N 122-57-21.042W	FI G 6s		5	Green.	
4205	Duxbury Reef Lighted Buoy 1DR	37-51-36.600N 122-41-43.479W	FI G 6s		5	Green.	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	Height	Range	(7) Structure	(8) Remarks
ENT	RANCE TO SAN FRANCISCO BA	AY (Chart 18649)	CALIFORNIA - Elev	enth District	l .		
	ita Channel Point Bonita Light	37-48-56.132N 122-31-46.321W	Oc W 4s	124	18	White tower on building.	Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). The sound signal can be activated by keying VHF-FM Ch. 81A 5 times within 10 seconds. AIS MMSI: 993692000
4225	- Lighted Whistle Buoy 2	37-50-00.953N 122-34-05.841W	FIR 6s		4	Red.	
4230	- Buoy 4	37-49-23.504N 122-33-15.458W				Red.	
4235	- Lighted Bell Buoy 3	37-49-35.604N 122-33-03.507W	FI G 4s		5	Green.	
ENT 4240	RANCE TO SAN FRANCISCO BA Four Fathom Bank Lighted Bel Buoy	` ,	FI (2+1)R 6s		4	Red and green bands.	
4245 365	Mile Rocks Light	37-47-34.171N 122-30-37.405W	FI W 5s	49	14	On cylindrical structure with white and orange bands.	AIS MMSI: 993692039
4250	POINT DIABLO LIGHT	37-49-12.438N 122-29-58.057W	Iso W 6s	85	9	White square house.	HORN: 1 blast ev 15s (2s bl), operates continuously.
	den Gate Bridge	27 40 40 547N				D. d	
4255	- Buoy 2	37-48-46.517N 122-28-49.579W				Red.	
4260	- SOUTH PIER LIGHT	37-48-51.600N 122-28-39.860W	FIR 15s				HORN(2): Sound simultaneously 1 blast ev 20s (2s bl). Private aid.
4262	- RACON G Mid-span, center of channel.	37-49-11.030N 122-28-42.870W					RACON: G () Private aid.
4265	- Midchannel Fog Signal	37-49-00.000N 122-28-42.870W					DIAPHONE: 2 blast ev 40s (1s bl-2s si-1s bl-36s si) Private aid.
4270	LIME POINT LIGHT	37-49-31.622N 122-28-41.834W	FI W 4s	15	8	On post.	
San 4280	Francisco Bay YELLOW BLUFF LIGHT	37-50-11.516N 122-28-19.988W	FI W 6s	75	7	NR on single pile.	
4285	PRESIDIO SHOAL LIGHT 2	37-48-26.755N 122-27-38.754W	FI R 2.5s	15	3	TR on pile.	
4290	ANITA ROCK LIGHT	37-48-29.974N 122-27-12.774W	QW	20	4	NR on cylindrical structure.	
4300	SAN FRANCISCO WEST YACHT HARBOR LIGHT 2	37-48-31.742N 122-26-23.897W	QR	21		TR on post	Private aid.
	RANCE TO SAN FRANCISCO BA	AY (CHART 18649)					
San 4303	Francisco Bay San Francisco Marina West Basin Light 1	37-48-30.400N 122-26-22.100W	FI G 5s	9		On Post North end floating wave barrier.	Private aid.
4303.1	SAN FRANCISCO MARINA WEST BASIN LIGHT 2	37-48-28.700N 122-26-20.400W	FIR 5s	9		On Post South end floating wave barrier.	Private aid.
4303.2	SAN FRANCISCO MARINA WEST BASIN LIGHT 3	37-48-27.200N 122-26-25.300W	FI G 5s	9		On Post North end breakwater.	Private aid.
4303.3	SAN FRANCISCO MARINA WEST BASIN LIGHT A	37-48-25.400N 122-26-24.900W	FI W 5s	9		On post.	Private aid.
ENT	RANCE TO SAN FRANCISCO BA	AY (Chart 18649)					
San 4305	Francisco Bay SAN FRANCISCO EAST YACHT HARBOR LIGHT 2	37-48-28.740N 122-25-58.460W	Iso R 6s	13		On post.	Private aid.
4306	AQUATIC PARK ENTRANCE LIGHT 1		FI G 4s	18	4	SG on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ENT	RANCE TO SAN FRANCISCO B	AV (Chart 18649)	CALIFORNIA - Elev	enth Distric	t		
San	Francisco Bay FISHERMANS WHARF	,	ELV 2 Fo	21	4	On neet	
4307	BREAKWATER LIGHT A	37-48-40.398N 122-25-21.535W	FI Y 2.5s	21	4	On post.	
4308	FISHERMANS WHARF BREAKWATER LIGHT B	37-48-42.414N 122-25-16.438W	FI Y 2.5s	21	4	On post.	
4309	FISHERMANS WHARF BREAKWATER LIGHT 2	37-48-43.206N 122-25-11.353W	FI R 2.5s	21	3	TR on post.	
4310	Alcatraz Lighted Bell Buoy "AZ"	37-49-39.618N 122-25-41.513W	FI (2+1)G 6s		4	Green and red bands.	
4315	Alcatraz Light	37-49-34.424N 122-25-19.710W	FI W 5s	214	20	Gray octagonal tower. 84	Emergency light of lower intensity when main light is extinguished.
4325	Alcatraz North Fog Signal	37-49-41.262N 122-25-31.842W				Lighted white square house.	HORN: 2 blast ev 30s (2s bl-2s si-2s bl-24s si). The sound signal can be activated by keying VHF-FM Ch. 81A 5 times within 10 seconds.
4330	Harding Rock Lighted Buoy HR	37-50-17.661N 122-26-45.579W	FI (2+1)R 6s		5	Red and green bands.	RACON: K () AIS: MMSI 993692020
4335	Point Blunt Light	37-51-11.584N 122-25-09.150W	FI G 5s	60	13	White square house.	HORN: 1 blast ev 15s (2s bl).
Rac 4340	coon Strait - Lighted Buoy 1	37-50-37.771N 122-27-12.085W	FI G 4s		4	Green.	
4350	- Lighted Buoy 4	37-51-40.632N 122-26-50.215W	FI R 2.5s		3	Red.	
4355	BELVEDERE COVE LIGHT 1	37-52-14.548N 122-27-16.956W	FI G 4s	15	4	SG on pile.	
4356	BELVEDERE COVE LIGHT	37-52-18.000N 122-27-39.000W	FI G 2.5s	16		Metal pole on breakwater.	Private aid.
4370	- Lighted Buoy 3	37-51-40.781N 122-27-27.190W	FI G 4s		4	Green.	
4375	- LIGHT 5	37-52-49.164N 122-26-19.471W	FI G 4s	20	4	SG on pile.	
Rich	nardson Bay						
4380	CONE ROCK LIGHT	37-51-50.475N 122-28-11.072W	Q W	17	5	NR on pile.	
Sau 4385	salito Channel - LIGHT 2	37-51-21.385N	FIR 4s	14	3	TR on MPS.	
		122-28-07.256W				TR OII WF3.	
4390	- LIGHT 4	37-51-41.196N 122-28-43.580W	FIR 6s	15	4		
4400	- LIGHT 6	37-51-55.502N 122-29-11.189W	FIR 4s	15	4		
Rich 4401	nardson Bay - Daybeacon 8	37-52-01.000N				TR on pile.	Private aid.
4402	- Daybeacon 9	122-29-23.000W 37-52-08.000N				SG on pile.	Private aid.
4403	- Daybeacon 10	122-29-33.000W 37-52-09.000N				TR on pile.	Private aid.
4404	- Daybeacon 11	122-29-31.000W 37-52-19.500N				SG on pile.	Private aid.
	•	122-29-45.500W				·	
4405	- Daybeacon 12	37-52-20.500N 122-29-44.000W				TR on pile.	Private aid.
4406	- Daybeacon 13	37-52-32.000N 122-29-59.000W				SG on pile.	Private aid.
4407	- Daybeacon 14	37-52-33.000N 122-29-57.000W				TR on pile.	Private aid.
4408	- Daybeacon 15	37-52-35.000N 122-30-08.500W				SG on pile.	Private aid.
4409	- Daybeacon 16	37-52-34.000N 122-30-02.000W				TR on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
- LIT	DANIOS TO GAN EDANIO D	1)/ (Ob - 1 10010)	CALIFORNIA - Elevent	h Distric	t		
	RANCE TO SAN FRANCISCO B <i>i</i> nardson Bay	AY (Chart 18649)					
4410	- Daybeacon 18	37-52-35.000N 122-30-04.000W				TR on pile.	Private aid.
4411	- Daybeacon 20	37-52-37.500N 122-30-10.000W				TR on pile.	Private aid.
San	Francisco-Oakland Bay Bridge	West Crossing	when and a f Transportation				
4415	to navigation on bridge maintaine Blossom Rock Lighted Bell Buoy BR	37-49-06.153N 122-24-12.411W	FI (2+1)G 6s		4	Green and red bands.	
4420	San Francisco-Oakland Bay Bridge Pier A Fog Signal	37-47-27.900N 122-23-09.090W					HORN: 1 blast ev 30s (1s bl). Private aid.
4421	San Francisco-Oakland Bay Bridge Pier A V-AIS	37-47-26.695N 122-23-08.946W					Virtual AIS MMSI: 993692024
4425	San Francisco-Oakland Bay Bridge Pier B Fog Signal	37-47-45.180N 122-22-50.390W					HORN: 2 blasts ev 30s (1s bl- 1.5s si-1s bl-26.5s si). Private aid.
4426	SAN FRANCISCO- OAKLAND BAY BRIDGE RACON N A-B span, center of channel.	37-47-35.600N 122-22-59.900W					RACON: N () Private aid.
4427	San Francisco-Oakland Bay Bridge Pier B V-AIS	37-47-44.096N 122-22-50.308W					Virtual AIS MMSI: 993692025
4430	Pier B North Buoy	37-47-47.055N 122-22-53.600W				Green and red bands; can.	
4435	San Francisco-Oakland Bay Bridge Pier C East Side Fog Signal	37-47-53.750N					BELL: 1 stroke every 30s. Private aid.
4440	San Francisco-Oakland Bay Bridge Pier C West Side Fog Signal	37-47-54.490N 122-22-40.420W					BELL: 2 strokes every 30s. Private aid.
4441	San Francisco-Oakland Bay Bridge Pier C V-AIS	37-47-53.475N 122-22-40.263W					Virtual AIS MMSI: 993692026
4445	San Francisco-Oakland Bay Bridge Pier D Fog Signal	37-48-04.000N 122-22-29.700W					HORN: 3 blasts ev 30s (1s bl- 1.5s si-1s bl-1.5s si-1s bl-24s si) Private aid.
4446	SAN FRANCISCO OAKLAND BAY BRIDGE RACON B C-D span, center of channel.	37-47-59.000N 122-22-34.000W					RACON: B () Private aid.
4447	San Francisco-Oakland Bay Bridge Pier D V-AIS	37-48-02.851N 122-22-30.217W					Virtual AIS MMSI: 993692027
4450	Pier D North Buoy	37-48-05.554N 122-22-33.649W				Red and green bands; nun.	
4455	Pier D South Buoy	37-48-00.235N 122-22-26.516W				Red and green bands; nun.	
4460	San Francisco-Oakland Bay Bridge Pier E Fog Signal	37-48-21.010N 122-22-11.790W					HORN: 2 blast every 30s (2s bl- 1.5s si-1s bl-25.5s si). Private aid.
4461	SAN FRANCISCO OAKLAND BAY BRIDGE RACON Y	37-48-12.000N 122-22-21.000W					RACON: Y () Private aid.
	D-E span, center of channel.						No. 1
4462	San Francisco-Oakland Bay Bridge Pier E V-AIS	37-48-20.252N 122-22-11.574W					Virtual AIS MMSI: 993692028
San	Francisco-Oakland Bay Bridge	East Crossing					
Aids 4465	to navigation on bridge maintaine San Francisco - Oakland Bay Bridge Pier G Fog Signal	d by California Depa 37-48-55.389N 122-21-30.164W	rtment of Transportation.				HORN: 1 blast ev 20s (1s bl). Private aid.
4470	Signal San Francisco-Oakland Bay Bridge Pier H Fog Signal	37-49-02.510N 122-21-19.267W					HORN: 2 blasts every 20s (1s bl-1.5s si-3s bl-14.5s si). Private aid.
4475	San Francisco-Oakland Bay Bridge Pier I Fog Signal	37-49-04.206N 122-21-12.441W					BELL: 3 strokes every 20s. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	and Location	. 3011011	CALIFORNIA - Elevent			2.1 40 (4/6)	Containe
	RANCE TO SAN FRANCISCO BA		OALII ORRIA - LICVOIII	iii Distric	•		
	Francisco-Oakland Bay Bridge I to navigation on bridge maintaine San Francisco Bay Anchorage	d by California Depai	rtment of Transportation. FI W 4s			White with blue	Name Change.
4400	6 Lighted Mooring Buoy A	122-21-11.390W	11 77 73			band.	Private aid.
4480.1	San Francisco Bay Anchorage 6 Lighted Mooring Buoy B	37-49-55.300N 122-21-16.460W	FI W 4s			White with blue band.	Name Change. Private aid.
4480.3	Anchorage 6 Lighted Mooring Buoy H	37-49-57.360N 122-21-07.800W	FI W 4s				Private aid.
4480.4	San Francisco Bay Anchorage 6 Lighted Mooring Buoy I	37-49-48.000N 122-21-03.000W	FI W 4s			White with Blue Band.	Name Change. Private aid.
4480.5	San Francisco Bay Anchorage 6 Lighted Mooring Buoy F	37-49-44.100N 122-21-21.930W	FI W 4s			White with blue band.	Name Change. Private aid.
4480.6	San Francisco Bay Anchorage 6 Lighted Mooring Buoy G	37-49-52.170N 122-21-27.650W	FI W 4s			White with blue band.	Name Change. Private aid.
4480.7	Anchorage 6 Lighted Mooring Buoy J	37-49-43.200N 122-21-11.400W	FI W 4s				Private aid.
4480.8	San Francisco Bay Anchorage 6 Lighted Mooring Buoy K	37-49-36.360N 122-21-09.000W	FI W 4s			White with Blue Band.	Name Change. Private aid.
San I Pier :	Francisco Waterfront						
4500	- BREAKWATER LIGHT 4	37-48-40.470N 122-24-41.370W	FIR 4s	14		TR on breakwater.	Private aid.
4515	- BREAKWATER LIGHT A	37-48-41.441N 122-24-36.596W	FI W 4s	14		On breakwater.	Private aid.
4525	- BREAKWATER LIGHT C	37-48-40.641N 122-24-30.696W	QW	14		NB on breakwater.	Private aid.
4535	- BREAKWATER LIGHT E	37-48-36.142N 122-24-28.996W	FI W 2.5s	14		On breakwater.	Private aid.
4545	- MARINA LIGHT 2	37-48-31.642N 122-24-27.296W	FI R 2.5s	14		TR on post.	Private aid.
Sout	h Beach Harbor						
4576	- NORTH ENTRANCE LIGHT 2	37-46-54.744N 122-23-05.517W	QR	18		TR on breakwater.	Private aid.
4577	- NORTH ENTRANCE LIGHT 1	37-46-55.223N 122-23-04.213W	FI G 2.5s	14		SG on breakwater.	Private aid.
4577.1	- BREAKWATER LIGHT A	37-46-49.931N 122-23-03.717W	FI W 2.5s	14		NW on breakwater.	Private aid.
4577.2	- BREAKWATER LIGHT B	37-46-44.872N 122-23-03.254W	FI W 2.5s	14		NW on breakwater.	Private aid.
4578	- SOUTH ENTRANCE LIGHT 1	37-46-42.289N 122-23-07.202W	FI G 2.5s	18		SG on breakwater.	Private aid.
4579	- SOUTH ENTRANCE LIGHT 2	37-46-41.495N 122-23-06.538W	FIR 4s	14		TR on breakwater.	Private aid.
4595	Yerba Buena Island Light	37-48-26.287N 122-21-43.932W	Oc W 4s	95	14	White octagonal tower. 95	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 30s (3s bl).
4600	YERBA BUENA ISLAND WHARF LIGHT	37-48-29.214N 122-21-39.871W	FR	18	6	On post.	
4601	Regulated Area Buoy 1	37-48-42.430N 122-21-35.000W	FI W 4s		3		FI W 4s
4602	Regulated Area Buoy 2	37-48-27.000N 122-21-35.000W	FI W 2.5s		3		FI W 2.5s
4605	Oakland Harbor Bar Channel Lighted Bell Buoy 1 100 feet outside of channel limit.	37-48-15.338N 122-21-21.675W	FI G 2.5s		4	Green.	
4606	Oakland Harbor Bar Channel Lighted Buoy 2 100 feet outside of channel limit.	37-47-58.278N 122-21-38.002W	FI R 2.5s		4	Red.	
Oakl : 4607	and Outer Harbor Oakland Harbor Bar Channel Lighted Buoy 2A 100 feet outside of channel limit.	37-48-04.112N 122-21-09.055W	FI R 2.5s		4	Red.	

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			CALIFORNIA - Elev		<u> </u>		
	RANCE TO SAN FRANCISCO BA	AY (Chart 18649)					
4610	- RANGE B FRONT LIGHT	37-48-57.438N 122-19-29.183W	QR	30		KRW on pile.	Visible 4° each side of the rangeline.
4615	 RANGE B REAR LIGHT 328 yards, 055.8° from front light. 	37-49-02.908N 122-19-19.035W	Iso R 6s	40		KRW on pile.	Visible 4° each side of the rangeline.
4617	- CENTERLINE RANGE FRONT LIGHT	37-48-57.769N 122-19-34.016W	QY	26		KBW on pile.	Visible 4° each side of the rangeline.
4618	- CENTERLINE RANGE REAR LIGHT 265 yards, 056.8° from front light.	37-49-02.077N 122-19-25.720W	Iso Y 6s	44	Y	KBW on pile.	Visible 4° each side of the rangeline.
4620	- RANGE A FRONT LIGHT	37-48-56.336N 122-19-42.012W	QG	22		KRW on white pile.	Visible 4° each side of the rangeline.
4625	 RANGE A REAR LIGHT 348 yards, 057.3° from front light. 	37-49-01.906N 122-19-31.066W	Iso G 6s	34		KRW on white pile.	Visible 4° each side of the rangeline.
4630	- Lighted Buoy 3	37-48-29.401N 122-20-39.644W	FI G 4s		5	Green.	
4635	OAKLAND 7TH STREET TERMINAL LIGHT 2	37-48-20.530N 122-20-33.360W	FI R 2.5s	19			Private aid.
4644	- LIGHT 5	37-48-38.003N 122-20-22.389W	FI G 2.5s	15	4		
4645	- LIGHT 7	37-48-48.608N 122-19-59.085W	FI G 4s	15	4		
4650	- LIGHT 9	37-48-52.566N 122-19-36.296W	FI G 2.5s	15	4		
4651	- LIGHT 11	37-48-54.735N 122-19-30.045W	FI G 2.5s	15	4		
4655	- LIGHT 13	37-48-55.543N 122-19-18.692W	FI G 4s	15	4		
4660	OAKLAND 7TH STREET TERMINAL LIGHT 1	37-48-13.170N 122-20-28.690W	FI G 2.5s	19		On post.	Private aid.
Oakl 4669	and Inner Harbor - Lighted Buoy 4 100 feet outside channel limit.	37-48-03.547N 122-20-51.977W	FIR 4s		4	Red.	
4670	- SHALLOW WATER HABITAT LIGHT A	37-48-06.753N 122-20-17.095W	FI W 2s				Private aid.
4670.1	- SHALLOW WATER HABITAT LIGHT B	37-48-00.376N 122-19-52.211W	FI W 2s				Private aid.
4672	- Lighted Buoy 6	37-47-56.812N 122-20-23.955W	FIR 6s		4	Red.	
4675	- LIGHT 8	37-47-51.613N 122-19-57.407W	FI R 2.5s	15	4	TR on pile.	
4680	- LIGHT 10	37-47-27.354N 122-18-09.245W	FI R 2.5s	15	3	TR on pile.	Ra ref.
4683	- TURN BASIN LIGHT A	37-47-42.405N 122-17-21.925W	Iso W 6s	25	4	NG on pile.	
4684	- TURN BASIN LIGHT B	37-47-25.906N 122-17-20.304W	Iso W 6s	30	4	NR on pile.	
	oklyn Basin	27 47 02 747N	FI (0+4) C 60	15	4	IC on nile	
4685	- PREFERRED SOUTH CHANNEL LIGHT S	37-47-02.717N 122-15-21.805W	FI (2+1)G 6s	15	4	JG on pile.	
4690	- NORTH CHANNEL LIGHT 2	37-47-07.395N 122-15-21.268W	FI R 2.5s	15	3	TR on pile.	
4695	- NORTH CHANNEL LIGHT 4	37-47-10.425N 122-15-12.877W	FIR 4s	15	3	TR on pile.	
4700	- NORTH CHANNEL LIGHT 6	37-47-11.054N 122-15-05.657W	FI R 2.5s	15	3	TR on pile.	
4705	- NORTH CHANNEL LIGHT 8	37-47-09.261N 122-14-58.627W	FIR 4s	15	3	TR on pile.	

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			CALIFORNIA - Eleve	enth Distric	t		
	RANCE TO SAN FRANCISCO B <i>A</i> oklyn Basin	AY (Chart 18649)					
4710	- NORTH CHANNEL LIGHT 10	37-47-00.553N 122-14-45.888W	FIR 6s	15	4	TR on pile.	
4715	North Channel Daybeacon12	37-46-57.389N 122-14-44.150W				TR on pile.	
San 4720	Leandro Bay - Tidal Canal Daybeacon 1	37-45-31.705N 122-13-24.940W				SG on pile.	
4725	- Airport Channel Daybeacon 3	37-44-56.047N 122-13-23.715W				SG on pile.	
4730	- Airport Channel Daybeacon 4	37-44-55.222N 122-13-24.462W				TR on pile.	
4735	- Airport Channel Daybeacon 5	37-44-26.577N 122-12-48.458W				SG on pile.	
4740	- Airport Channel Daybeacon 6	37-44-27.991N 122-12-52.370W				TR on pile.	
Alam 4745	neda Naval Air Station Channel - Entrance Lighted Bell Buoy 1	37-46-38.136N 122-20-28.759W	FI G 4s		5	Green.	
4745.5	Harley Marine Mooring Buoy	37-46-50.340N 122-20-15.180W	FI W 2s			9'x6' Cylindrical White Mooring Buoy.	with words "HARLEY MARINE". Private aid.
4750	- Entrance Lighted Buoy 2	37-46-27.107N 122-20-27.818W	FIR 4s		4	Red.	
4755	- LIGHT 3	37-46-36.454N 122-19-51.874W	FI G 2.5s	15	3	SG on pile.	Ra ref.
4760	- LIGHT 4	37-46-24.102N 122-19-48.590W	FIR 4s	12	3	TR on pile.	Ra ref.
4765	- LIGHT 5	37-46-34.105N 122-19-06.046W	FI G 2.5s	15	4	SG on pile.	Ra ref.
4770	- LIGHT 6	37-46-21.476N 122-19-07.226W	FIR 4s	15	4	TR on pile.	Ra ref.
4775	- Daybeacon 8	37-46-09.706N 122-18-20.516W				TR on pile.	
Balle 4820	ena Bay Harbor San Francisco Bay Preferred Channel Lighted Buoy SC	37-46-32.012N 122-21-57.055W	FI (2+1)G 6s		4	Green and red bands.	
San 4826	Francisco Entrance Bay Farm Is BAY FARM ISLAND LIGHT 1	land 37-44-13.320N 122-16-13.440W	FI G 4s	14		SG on pile.	Private aid.
4826.1	BAY FARM ISLAND LIGHT 2		FIR 4s	14		TR on pile.	Private aid.
4826.15	BAY FARM ISLAND LIGHT 3	37-44-11.700N 122-15-59.020W	FI G 4s	14		SG on pile.	Private aid.
4826.2	BAY FARM ISLAND LIGHT 4	37-44-06.180N 122-16-05.590W	FIR 4s	14		TR on pile.	Private aid.
4826.3	BAY FARM ISLAND LIGHT 6	37-44-01.680N 122-15-29.100W	FIR 4s	14		TR on pile.	Private aid.
4827.1	San Francisco Bay Anchorage 9 Lighted Mooring Buoy A	37-46-16.173N 122-19-38.044W	FI W 2s			White with Blue Band.	Name Change. Private aid.
4828.1	San Francisco Bay Anchorage 9 Lighted Mooring Buoy B	37-46-07.632N 122-19-25.763W	FI W 2s			White with Blue Band.	Name Change. Private aid.
	FRANCISCO BAY - SOUTHERN	PART					
San 4829	Leandro Marina Channel - DIRECTIONAL LIGHT	37-41-43.246N 122-11-29.202W	FWRG	19	W 13 G 10 R 10	On pile.	Red from 045.5° to 046.5°, white from 046.5° to 047°, green from 047° to 048°.
4830	- LIGHT 1	37-40-16.888N 122-13-21.894W	FI G 4s	14	5	SG on pile.	HORN: 1 blast ev 30s (3s bl), operates continuously from Oct. 1 to Apr. 1.
4835	- LIGHT 2	37-40-15.421N 122-13-20.088W	FIR 4s	15	3	TR on pile.	
4845	- Daybeacon 3	37-40-29.325N 122-13-05.865W				SG on pile.	

1 to Apr. 1. 4950 - Channel Lighted Buoy 2 37-41-41.766N 122-20-29.048W FI R 4s 4 Red. 4955 - CHANNEL LIGHT 3 37-40-11.307N 122-19-33.306W FI R 2.5s 15 3 SG on pile. 4960 - CHANNEL LIGHT 4 37-40-06.193N FI R 2.5s 20 3 TR on pile. 4965 - CHANNEL LIGHT 5 37-38-38.635N FI G 4s 15 3 SG on Dolphin. HORN: 1 blast ev 10s (1s bl), operates continuously from Oct 1 to Apr. 1. 4970 - CHANNEL LIGHT 6 37-38-35.175N 122-18-47.491W FI R 4s 15 3 TR on pile. Brisbane Marina 4980 - LIGHT 1 37-40-19.058N FI G 4s 13 SG on pile. Private aid. 4985 - LIGHT 2 37-40-20.458N FI R 2.5s 13 TR on pile. Private aid. 4985 - LIGHT 4 37-40-16.858N FI R 4s 13 TR on pile. Private aid. 4995 - LIGHT 5 37-40-16.858N FI R 4s 13 TR on pile. Private aid. 5000 - LIGHT 5 37-40-11.458N FI G 2.5s 13 SG on pile. Private aid. 5005 - LIGHT 6 37-40-13.358N FI R 2.5s 13 TR on pile. Private aid.	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Section	041	LEBANGICO DAV. COLITUEDI	N DADT	CALIFORNIA - Elev	enth Distric	t		
122-13-0.079W 122-13-0.079			NPARI					
122-124-5691W 122-124-5809W FIR 2.55 15 3 TR on pile.	4850	- Daybeacon 4					TR on pile.	
121-12-4.8080W	4855	- Daybeacon 5					SG on pile.	
122-122 86-85W 37-40-56 880N 122-122 8900W 122-122 890	4860	- LIGHT 6		FI R 2.5s	15	3	TR on pile.	
122-12-28-500W 374-11-34 33N SG on pile.	4865	- Daybeacon 7					SG on pile.	
122-12-09-221W 122-12-09-221W 122-12-07-282W 122-	4870	- Daybeacon 8					TR on pile.	
122-12-07-425W 122-11-46-845W 122-11-46-845W 122-11-46-845W 122-11-46-835W 122-11-46-845W 122-	4875	- Daybeacon 9					SG on pile.	
122-11-48.6459W Fire 6s 15	4880	- LIGHT 10		FIR 4s	15	3	TR on pile.	
12211-48,836W FIR 2.5s 15 3 TR on pile.	4885	- Daybeacon 11					SG on pile.	
12-11-32-409W 12-11-32-409W 13-21-34-653W 13-21-34-653W 13-21-34-653W 13-21-34-653W 13-21-34-653W 14-21-34-653W 14-21-34-653	4890	- LIGHT 12		FIR 6s	15	4	TR on pile.	
### 122-11-24 ### 525 ### 122-11-24 ### 525 ### 122-11-24	4895	- LIGHT 14		FI R 2.5s	15	3	TR on pile.	
## House Point Private Privat	4900	- Daybeacon 15					SG on pile.	
Pilor 94/96			AY (Chart 18649)					
		Lash Terminal Approach		FI G 4s		4	Green.	
Lighted Buoy 2 122-22-06.060W Agree Lighted Buoy 5 122-21-35.648W FI G 4s 4 Green Gr	Pier	94/96						
Hunters Point Hunters Poin	4912			FI R 2.5s		3	Red.	
POINT AVISEDERO LIGHT 37-43-43.000N 122-21-25.000W FI W 4s 12 On pier Private aid.	4929			FI G 4s		4	Green.	
122-21-25.000W			07.40.40.0001	FLW O	40		O. Maria	Di de di
122-21-32.000W SAN FRANCISCO BAY - SOUTHERN PART San Bruno Shoal 4945 - CHANNEL LIGHT 1 37-41-44.731N 122-20-22.009W FI G 4s 15 3 SG on Dolphin. HORN: 1 blast ev 30s (3s bl), operates continuously from Oct 1 to Apr. 1. 4950 - Channel Lighted Buoy 2 37-41-41.766N 122-20-29.048W 4955 - CHANNEL LIGHT 3 37-40-11.307N FI G 2.5s 15 3 SG on pile. 4960 - CHANNEL LIGHT 4 37-40-61.93N FI R 2.5s 20 3 TR on pile. 4960 - CHANNEL LIGHT 5 37-38-38.635N 122-19-42.147W FI G 4s 15 3 SG on Dolphin. HORN: 1 blast ev 10s (1s bl), operates continuously from Oct 1 to Apr. 1. 4970 - CHANNEL LIGHT 6 37-38-35.175N FI R 4s 15 3 TR on pile. 4970 - CHANNEL LIGHT 6 37-38-35.175N 122-18-56.199W Brisbane Marina 4980 - LIGHT 1 37-40-16.858N FI G 4s 13 SG on pile. Private aid. 4995 - LIGHT 2 37-40-20.458N FI R 2.5s 13 TR on pile. Private aid. 4995 - LIGHT 5 37-40-16.858N FI R 4s 13 TR on pile. Private aid. 4995 - LIGHT 5 37-40-18.858N FI R 4s 13 SG on pile. Private aid. 4995 - LIGHT 5 37-40-18.858N FI R 2.5s 13 TR on pile. Private aid. 4995 - LIGHT 5 37-40-18.858N FI R 2.5s 13 SG on pile. Private aid. 4995 - LIGHT 5 37-40-18.858N FI R 2.5s 13 SG on pile. Private aid. 4995 Private aid. 4995 Private aid. 4995 4 LIGHT 5 37-40-11.458N FI G 2.5s 13 SG on pile. 4996 4 LIGHT 5 4 Private aid. 4			122-21-25.000W				·	
San Bruno Shoal 4945 CHANNEL LIGHT 1 37-41-44.731N 122-20-22.009W FI G 4s 15 3 SG on Dolphin. HORN: 1 blast ev 30s (3s bl.), operates continuously from Oct 1 to Apr. 1.			122-21-32.000W	FI W 4S	12		On pier.	Private aid.
4945 - CHANNEL LIGHT 1 37-41-44,731N FI G 4s 15 3 SG on Dolphin. HORN: 1 blast ev 30s (3s bl), operates continuously from Oct 1 to Apr. 1. 4950 - Channel Lighted Buoy 2 37-41-41.766N 122-20-29.048W FI R 4s 4 Red. 4955 - CHANNEL LIGHT 3 37-40-11.307N 122-19-33.306W FI R 2.5s 15 3 SG on pile. 4960 - CHANNEL LIGHT 4 37-40-06.193N FI R 2.5s 20 3 TR on pile. 4965 - CHANNEL LIGHT 5 37-38-38.635N FI G 4s 15 3 SG on Dolphin. HORN: 1 blast ev 10s (1s bl), operates continuously from Oct 1 to Apr. 1. 4970 - CHANNEL LIGHT 6 37-38-35.175N FI R 4s 15 3 TR on pile. Brisbane Marina 4980 - LIGHT 1 37-40-19.058N FI G 4s 13 SG on pile. Private aid. 4985 - LIGHT 2 37-40-20.458N FI R 2.5s 13 TR on pile. 122-22-10.095W FI R 2.5s 13 TR on pile. Private aid. 4985 - LIGHT 4 37-40-16.858N FI R 4s 13 TR on pile. Private aid. 5000 - LIGHT 5 37-40-11.458N FI G 2.5s 13 TR on pile. Private aid.			N PART					
122-20-29.048W 4955 - CHANNEL LIGHT 3 37-40-11.307N FI G 2.5s 15 3 SG on pile. 4960 - CHANNEL LIGHT 4 37-40-66.193N FI R 2.5s 20 3 TR on pile. 4965 - CHANNEL LIGHT 5 37-38-38.635N FI G 4s 15 3 SG on Dolphin. HORN: 1 blast ev 10s (1s bl), operates continuously from Oct 1 to Apr. 1. 4970 - CHANNEL LIGHT 6 37-38-35.175N FI R 4s 15 3 TR on pile. 878 Brisbane Marina 4980 - LIGHT 1 37-40-19.058N FI G 4s 13 SG on pile. Private aid. 4985 - LIGHT 2 37-40-20.458N FI R 2.5s 13 TR on pile. 9885 - LIGHT 4 37-40-18.858N FI R 4s 13 TR on pile. Private aid. 122-22-10.595W 4995 - LIGHT 4 37-40-18.858N FI R 4s 13 TR on pile. Private aid. 122-22-24.895W 5000 - LIGHT 5 37-40-11.458N FI G 2.5s 13 SG on pile. Private aid. 122-22-24.0295W FI G 2.5s 13 SG on pile. Private aid. 126-22-24.0295W FI G 2.5s 13 SG on pile. Private aid. 127-22-24.0295W FI G 2.5s 13 SG on pile. Private aid. 127-22-24.0295W FI G 2.5s 13 SG on pile. Private aid. 127-22-24.0295W FI G 2.5s 13 FI R 0 pile. Private aid. 127-22-24.0295W FI G 2.5s 13 FI R 0 pile. Private aid.				FI G 4s	15	3	SG on Dolphin.	operates continuously from Oct.
4955 - CHANNEL LIGHT 3 37-40-11.307N 122-19-33.306W FI G 2.5s 15 3 SG on pile. 4960 - CHANNEL LIGHT 4 37-40-06.193N 122-19-42.147W FI G 4s 15 3 SG on Dolphin. HORN: 1 blast ev 10s (1s bl), operates continuously from Oct 1 to Apr. 1. 4965 - CHANNEL LIGHT 5 37-38-38.635N 122-18-47.491W FI G 4s 15 3 TR on pile. 4970 - CHANNEL LIGHT 6 37-38-35.175N 122-18-56.199W FI G 4s 15 3 TR on pile. Brisbane Marina 4980 - LIGHT 1 37-40-19.058N 122-22-10.095W FI G 4s 13 SG on pile. Private aid. 4985 - LIGHT 2 37-40-20.458N 122-22-10.595W FI R 2.5s 13 TR on pile. Private aid. 4995 - LIGHT 4 37-40-16.858N 122-22-24.895W FI R 4s 13 TR on pile. Private aid. 5000 - LIGHT 5 37-40-11.458N FI G 2.5s 13 SG on pile. Private aid. 5005 - LIGHT 6 37-40-13.358N FI R 2.5s 13 TR on pile. Private aid.	4950	- Channel Lighted Buoy 2		FIR 4s		4	Red.	
4960 - CHANNEL LIGHT 4 37-40-06.193N 122-19-42.147W FI R 2.5s 20 3 TR on pile. 4965 - CHANNEL LIGHT 5 37-38-38.635N 122-18-47.491W FI G 4s 15 3 SG on Dolphin. HORN: 1 blast ev 10s (1s bl), operates continuously from Oct 1 to Apr. 1. 4970 - CHANNEL LIGHT 6 37-38-35.175N 122-18-56.199W FI R 4s 15 3 TR on pile. Brisbane Marina 4980 - LIGHT 1 37-40-19.058N 122-22-10.095W FI R 2.5s 13 TR on pile. Private aid. 4985 - LIGHT 2 37-40-20.458N FI R 2.5s 13 TR on pile. Private aid. 4995 - LIGHT 4 37-40-16.858N FI R 4s 13 TR on pile. Private aid. 5000 - LIGHT 5 37-40-11.458N FI R 2.5s 13 SG on pile. Private aid. 5005 - LIGHT 6 37-40-13.358N FI R 2.5s 13 TR on pile. Private aid. 5005 - LIGHT 6 37-40-13.358N FI R 2.5s 13 TR on pile. Private aid. 5007 - Private aid. Private aid.	4955	- CHANNEL LIGHT 3	37-40-11.307N	FI G 2.5s	15	3	SG on pile.	
122-18-47.491W Operates continuously from Oct 1 to Apr. 1.	4960	- CHANNEL LIGHT 4	37-40-06.193N	FI R 2.5s	20	3	TR on pile.	
122-18-56.199W	4965	- CHANNEL LIGHT 5		FI G 4s	15	3	SG on Dolphin.	operates continuously from Oct.
4980 - LIGHT 1 37-40-19.058N 122-22-10.095W FI G 4s 13 SG on pile. Private aid. 4985 - LIGHT 2 37-40-20.458N 122-22-10.595W FI R 2.5s 13 TR on pile. Private aid. 4995 - LIGHT 4 37-40-16.858N 122-22-24.895W FI R 4s 13 TR on pile. Private aid. 5000 - LIGHT 5 37-40-11.458N 122-22-40.295W FI G 2.5s 13 SG on pile. Private aid. 5005 - LIGHT 6 37-40-13.358N FI R 2.5s 13 TR on pile. Private aid.	4970	- CHANNEL LIGHT 6		FIR 4s	15	3	TR on pile.	
4985 - LIGHT 2 37-40-20.458N 122-22-10.595W FI R 2.5s 13 TR on pile. Private aid. 4995 - LIGHT 4 37-40-16.858N 122-22-24.895W FI R 4s 13 TR on pile. Private aid. 5000 - LIGHT 5 37-40-11.458N 122-22-40.295W FI G 2.5s 13 SG on pile. Private aid. 5005 - LIGHT 6 37-40-13.358N FI R 2.5s 13 TR on pile. Private aid.				FI G 4s	13		SG on pile.	Private aid.
4995 - LIGHT 4 37-40-16.858N FI R 4s 13 TR on pile. Private aid. 5000 - LIGHT 5 37-40-11.458N FI G 2.5s 13 SG on pile. Private aid. 5005 - LIGHT 6 37-40-13.358N FI R 2.5s 13 TR on pile. Private aid. 5005 - LIGHT 6 7-40-13.358N FI R 2.5s 13 TR on pile. Private aid.	4985	- LIGHT 2	37-40-20.458N	FI R 2.5s	13		TR on pile.	Private aid.
5000 - LIGHT 5 37-40-11.458N FI G 2.5s 13 SG on pile. Private aid. Private aid. 5005 - LIGHT 6 37-40-13.358N FI R 2.5s 13 TR on pile. Private aid.	4995	- LIGHT 4	37-40-16.858N	FIR 4s	13		TR on pile.	Private aid.
5005 - LIGHT 6 37-40-13.358N FI R 2.5s 13 TR on pile. Private aid.	5000	- LIGHT 5	37-40-11.458N	FI G 2.5s	13		SG on pile.	
	5005	- LIGHT 6		FI R 2.5s	13		TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) (7) Range Structure	(8) Remarks
SANE	FRANCISCO BAY - SOUTHERN	J PART	CALIFORNIA - Eleve	enth District		
Brisba	ane Marina				"	
5010	- LIGHT 7	37-40-15.558N 122-22-45.395W	FI G 4s	13	SG on pile.	Private aid.
5015	- LIGHT 8	37-40-16.858N 122-22-43.595W	FIR 4s	13	TR on pile.	Private aid.
5020	- LIGHT 9	37-40-18.358N 122-22-44.995W	FI G 4s	13	SG on pile.	Private aid.
Oyste	r Cove Marina					
5025	- LIGHT 1	37-40-10.558N 122-22-43.395W	FI G 4s	6	SG on pile.	Ra ref. Private aid.
5030	- LIGHT 2	37-40-12.058N 122-22-43.695W	FIR 4s	6	TR on pile.	Ra ref. Private aid.
5035	- LIGHT 3	37-40-09.658N 122-22-48.096W	FI G 4s	6	SG on pile.	Ra ref. Private aid.
5040	- LIGHT 4	37-40-11.058N 122-22-48.496W	FIR 4s	6	TR on pile.	Ra ref. Private aid.
5045	- LIGHT 5	37-40-08.658N 122-22-52.896W	FI G 4s	6	SG on pile.	Ra ref. Private aid.
5050	- LIGHT 6	37-40-10.058N 122-22-53.296W	FIR 4s	6	TR on pile.	Ra ref. Private aid.
5055	- LIGHT 7	37-40-07.658N 122-22-57.696W	FI G 4s	6	SG on pile.	Ra ref. Private aid.
5060	- LIGHT 8	37-40-09.058N 122-22-58.196W	FIR 4s	6	TR on pile.	Ra ref. Private aid.
5065	- LIGHT 9	37-40-06.659N 122-23-02.496W	FI G 4s	6	SG on pile.	Ra ref. Private aid.
5070	- LIGHT 10	37-40-08.158N 122-23-02.996W	FIR 4s	6	TR on pile.	Ra ref. Private aid.
5075	- LIGHT 11	37-40-05.460N 122-23-07.000W	FI G 4s	6	SG on pile.	Ra ref. Private aid.
5080	- LIGHT 12	37-40-06.860N 122-23-07.700W	FIR 4s	6	TR on pile.	Ra ref. Private aid.
5085	- LIGHT 13	37-40-03.959N 122-23-12.496W	FI G 4s	6	SG on pile.	Ra ref. Private aid.
5090	- LIGHT 14	37-40-05.059N 122-23-13.096W	FIR 4s	6	TR on pile.	Ra ref. Private aid.
5095	- LIGHT 16	37-40-03.959N 122-23-13.096W	FIR 4s	6	TR on pile.	Ra ref. Private aid.
5097	- Barrier Buoy 1	37-40-03.090N 122-23-13.040W	FI Y 4s		White/Orange Buoys Linked w/ Small Floats Between.	Private aid.
5097.1	- Barrier Buoy 2	37-40-03.050N 122-23-12.610W	FI Y 4s		White/Orange Buoys Linked w/ Small Floats Between.	Private aid.
Oyster 5100	r Point Marina - LIGHT 1	37-39-50.640N 122-22-09.180W	FI G 4s	17	Tripod Dolphin	Private aid.
5105	- LIGHT 2	37-39-51.780N 122-22-09.240W	FIR 4s	20	Tripod Dolphin	Private aid.
5108	- LIGHT 3	37-39-50.820N 122-22-25.260W	QG	10	SG on seawall	Private aid.
5110	- LIGHT 4	37-39-51.600N 122-22-24.120W	QR	10	TR on seawall	Private aid.
5115	- LIGHT 5	37-39-50.820N 122-22-27.240W	FI G 4s	10	SG on seawall	Private aid.
5120	- LIGHT A	37-39-53.460N 122-22-28.140W	FI W 4s	10	NR on seawall.	Private aid.
5125	- LIGHT 6	37-39-52.200N 122-22-28.200W	FIR 4s	10	TR on seawall.	Private aid.
5130	SAN FRANCISCO BAY SOUTH CHANNEL LIGHT 8	37-36-16.634N 122-17-29.063W	FIR 4s	15	4 TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth Distric	t		
	I FRANCISCO BAY - SOUTHERN Francisco Airport	IPARI					
5135	- Daybeacon 1	37-37-56.102N 122-22-43.516W				SG on pile.	
-	ote Point	07.05.07.7001	FI O 4	40		0 "	Di de di
5140	- LIGHT 1	37-35-37.766N 122-18-45.889W	FI G 4s	12		On pile.	Private aid.
5145	- LIGHT 2	37-35-37.766N 122-18-47.889W	FIR 5s	12		On pile.	Private aid.
San	Francisco Bay South Channel						
5150	- Daybeacon 8A	37-35-19.803N 122-16-10.984W				TR on pile.	
5155	San Mateo-Hayward Bridge Fog Signal	37-35-03.950N 122-15-02.510W					HORN: 2 blasts ev 30s (3s bl-3s si-3s bl-21s si). Private aid.
5156	SAN MATEO-HAYWARD BRIDGE RACON M Mid span, center of channel.	37-35-02.000N 122-15-08.000W					RACON: M () Private aid.
5160	- Buoy 10	37-35-01.814N 122-15-13.822W				Red.	
5165	- Buoy 11	37-34-57.596N 122-14-53.065W				Green.	
5175	- LIGHT 12	37-33-35.378N 122-12-37.932W	FIR 4s	15	4	TR on pile.	Ra ref.
Red	wood Creek						
5180	- ENTRANCE LIGHT 2	37-33-10.400N 122-11-47.508W	QR	15	3	TR on pile.	
5185	- ENTRANCE LIGHT 3	37-32-59.780N 122-11-36.131W	FI G 4s	15	4	SG on Pile.	
5190	- ENTRANCE LIGHT 4	37-32-49.461N 122-11-42.320W	FI R 2.5s	15	3	TR on pile.	
5195	- LIGHT 5	37-32-25.742N 122-11-33.797W	FI G 4s	15	4	SG on pile.	
5200	- LIGHT 6	37-32-25.601N 122-11-39.692W	FIR 4s	15	3	TR on pile.	
5205	- LIGHT 8	37-32-00.894N 122-11-37.976W	QR	15	3	TR on pile.	
5210	- LIGHT 7	37-31-58.954N 122-11-31.991W	FI G 2.5s	15	3	SG on pile.	Ra ref.
5215	- LIGHT 10	37-31-44.747N 122-11-46.348W	FIR 4s	15	3	TR on pile.	
5220	- LIGHT 9	37-31-42.812N 122-11-40.597W	FI G 4s	15	4	SG on pile.	
5225	- LIGHT 11	37-31-31.044N 122-11-56.900W	FI G 4s	15	4	SG on pile.	
5230	- LIGHT 12	37-31-32.786N 122-12-01.756W	FIR 6s	15	4	TR on pile.	
5235	- LIGHT 14	37-31-18.053N 122-12-21.680W	FIR 4s	15	3	TR on pile.	Ra ref.
5240	- LIGHT 13	37-31-14.937N 122-12-17.839W	FI G 2.5s	15	3	SG on pile.	Ra ref.
5245	- LIGHT 15	37-31-03.541N 122-12-23.676W	FI G 4s	15	4	SG on Dolphin.	Ra ref.
5250	- LIGHT 16	37-31-01.253N 122-12-33.070W	FIR 6s	15	4	TR on pile.	
5255	- LIGHT 18	37-30-48.403N	FIR 4s	15	3	TR on pile.	Ra ref.
5260	- LIGHT 20	122-12-43.940W 37-30-34.416N	FIR 4s	15	3	TR on pile.	
5265	- LIGHT 21	122-12-48.861W 37-30-22.613N	FI G 4s	17	4	SG on pile	
		122-12-56.870W					
San 5270	Francisco Bay South Channel - LIGHT 14	37-30-49.501N 122-08-05.796W	FIR 4s	15	4	TR on pile.	Ra ref.
5275	Dumbarton Highway Bridge Fog Signal	37-30-21.870N 122-07-09.620W					HORN: 1 blast ev 20s (2s bl). Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth District	:		
	FRANCISCO BAY - SOUTHERN Francisco Bay South Channel	PART					
5305	- Daybeacon 16	37-29-34.269N 122-05-13.040W				TR on pile.	Ra ref.
5310	- Daybeacon A	37-28-43.480N 122-04-37.369W				NW on pile.	SHOAL "END OF CHANNEL"
5315	- Daybeacon B	37-28-12.083N 122-03-50.007W				NW on pile.	SHOAL "USE CAUTION"
5320	- Daybeacon C	37-27-26.613N 122-03-01.006W				NW on pile.	SHOAL "USE CAUTION"
ENTI	RANCE TO SAN FRANCISCO BA	AY (CHART 18649)					
San 5348	Francisco Bay - North Channel Lighted Buoy 1	37-49-55.258N 122-24-31.134W	FI G 6s		5	Green.	
5350	- North Channel Lighted Buoy 2		FIR 6s		4	Red.	
5355	- North Channel Lighted Buoy 3	37-51-01.750N 122-25-02.953W	QG		4	Green.	
Eme 5360	ryville Marina - LIGHT 1	37-50-36.738N	FI G 2s	14		SG on pile.	Private aid.
5365	- LIGHT 2	122-19-18.986W 37-50-35.324N	FIR 2s	14		TR on pile.	Private aid.
5370	- LIGHT 3	122-19-18.748W 37-50-36.888N	FI G 4s	14		SG on pile.	Private aid.
5375	- LIGHT 4	122-18-57.842W 37-50-35.414N	FIR 4s	14		TR on pile.	Private aid.
5380	- LIGHT 5	122-18-58.047W 37-50-36.914N	FI G 4s	14		SG on pile.	Private aid.
5385	- LIGHT 6	122-18-33.929W 37-50-35.508N 122-18-36.892W	FIR 4s	14		TR on pile.	Private aid.
5390	- LIGHT 7	37-50-31.100N 122-18-37.030W	FI G 4s	17		SG on breakwater.	Private aid.
5395	- LIGHT 8	37-50-31.770N 122-18-38.050W	FIR 4s	17		TR end of breakwater.	Private aid.
San	Francisco Bay						
5400	- North Channel Lighted Buoy 4	37-50-49.350N 122-23-47.292W	FI R 2.5s		4	Red.	
5405	- NORTH CHANNEL LIGHT 5	37-51-45.177N 122-25-08.397W	FI G 2.5s	30	3	SG on pile.	
5410	- North Channel Lighted Buoy A	37-51-51.033N 122-24-31.956W	Mo (A) W		4	Red and white stripes with red spherical topmark.	
5415	- North Channel Lighted Bell Buoy 6	37-51-39.148N 122-23-47.292W	FIR 4s		4	Red.	
5420	TREASURE ISLAND NORTH END LIGHT 6	37-49-59.626N 122-22-21.020W	FI R 2.5s	30	5	TR on pile.	
Berk 5430	reley - MARINA CHANNEL LIGHT 2	37-50-51.858N 122-21-38.038W	FIR 4s	15	4	TR on pile.	
5435	- MARINA CHANNEL LIGHT	37-51-27.648N 122-20-57.850W	FI G 4s	15	4	SG on pile.	
5440	- BREAKWATER LIGHT 1	37-51-54.810N 122-19-08.634W	QG	15	4	SG on post.	
5445	- BREAKWATER CENTER LIGHT	37-51-57.936N 122-19-10.577W	QW	12	6	On post.	
5450	- BREAKWATER LIGHT 2	37-52-01.222N 122-19-12.480W	FI R 2.5s	22	5	TR on post.	
5455	- NORTH BREAKWATER LIGHT 3	37-52-01.860N 122-19-16.898W	FI G 4s	21	5	SG on pile.	
5460	- NORTH BREAKWATER LIGHT 4	37-52-05.945N 122-19-13.753W	FIR 4s	23	4	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ENTE	DANCE TO SAN EDANCISCO BA	V (CUADT 19640)	CALIFORNIA - Elev	enth Distric	t		
Berk	RANCE TO SAN FRANCISCO B <i>i</i> eley	AT (CHART 18649)					
5465	- MARINA NORTH LIGHT	37-52-01.680N 122-19-05.880W	FI G 10s	35		On post.	Private aid.
5470	- MARINA SOUTH LIGHT	37-51-57.940N 122-19-04.580W	FIR 10s	35		On post.	HORN: 1 blast ev 17s (4s bl). Private aid.
5475	- REEF LIGHT 1	37-52-27.155N 122-20-00.578W	FI G 2.5s	13	3	SG on pile.	
	Francisco Bay						
5480	SOUTHAMPTON SHOAL LIGHT	37-52-54.993N 122-24-00.892W	Iso R 6s	32	6	White cylindrical tower.	BELL: 1 Strike ev 10s
5485	- North Channel Lighted Buoy 8	37-52-46.912N 122-24-53.755W	FI R 2.5s		4	Red.	
5490	- NORTH CHANNEL LIGHT 9	37-53-39.212N 122-26-58.955W	FI G 4s	25	4	SG on pile.	
5495	- North Preferred Channel Lighted Buoy B	37-54-13.992N 122-26-40.861W	FI (2+1)G 6s		5	Green, Red, Green Preferred channel buoy	
5500	- North Channel Lighted Bell Buoy 10	37-54-02.744N 122-26-09.956W	FIR 4s		4	Red.	
5505	- North Channel Lighted Buoy 12	37-54-48.943N 122-26-42.557W	FI R 2.5s		4	Red.	
5510	- North Preferred Channel Lighted Buoy C	37-54-46.667N 122-26-57.824W	FI (2+1)G 6s		5	Green, Red, Green Preferred channel buoy	
5515	- North Channel Lighted Buoy 14	37-55-49.741N 122-26-36.357W	FIR 4s		3	Red.	
5518.1	PARADISE CAY LIGHT 1	37-54-57.000N 122-28-21.000W	FI G 2s			SG on pile.	Private aid.
5518.2	PARADISE CAY LIGHT 3	37-54-57.000N 122-28-24.000W	FI G 3s			SG on pile.	Private aid.
5518.3	PARADISE CAY LIGHT 5	37-54-56.000N 122-28-28.000W	FI G 4s			SG on pile.	Private aid.
Corte	e Madera Channel						
5520	- LIGHT 2	37-55-41.729N 122-28-06.904W	Iso R 6s	9		TR on pile.	Ra ref. Private aid.
5525	- LIGHT 3	37-55-44.601N 122-28-20.691W	FI G 2.5s				Private aid.
5530	- LIGHT 4	37-55-46.500N 122-28-19.880W	FIR 4s	9		TR on pile.	Ra ref. Private aid.
5535	- LIGHT 5	37-55-50.708N 122-28-36.811W	FI G 2.5s	9		SG on pile.	Ra ref. Private aid.
5536	- LIGHT 6	37-55-55.228N 122-28-41.904W	FIR 4s	9		TR on pole.	Ra Ref. Private aid.
5540	- LIGHT 7	37-56-02.728N 122-29-07.905W	FI G 2.5s	9		SG on pile.	Private aid.
5545	- LIGHT 8	37-56-04.500N 122-29-02.000W	FIR 4s	9		TR on pile.	Ra ref. Private aid.
5550	- LIGHT 9	37-56-10.228N	FI G 2.5s	9		SG on pile.	Private aid.
5555	- LIGHT 10	122-29-28.906W 37-56-14.000N 122-29-27.906W	FIR 4s	9		TR on pile.	Ra ref. Private aid.
5560	- LIGHT 11	37-56-18.120N 122-29-51.360W	FI G 2.5s	9		SG on pile.	Private aid.
5565	- LIGHT 12	37-56-20.500N	FIR 4s	9		TR on pile.	Ra ref.
5570	- LIGHT 13	122-29-47.880W 37-56-25.000N	FI G 2.5s	9		SG on pile.	Private aid. Private aid.
5575	- LIGHT 14	122-30-02.000W 37-56-27.728N	FIR 4s			TR on pile.	Re-established.
5580	- LIGHT 15	37-56-31.227N	FI G 2.5s	9		SG on pile.	Private aid. Ra ref.
5585	- LIGHT 16	37-56-34.500N	FIR 4s	9		TR on pile.	Private aid. Ra ref.
5590	- LIGHT 17	122-30-13.880W 37-56-32.640N	FI G 4s	9		SG on pile.	Private aid. Private aid.
		122-30-21.060W		v		- 5 o., p., o.	
5575 5580 5585 5590	- LIGHT 15	37-56-27.728N 122-30-00.907W 37-56-31.227N 122-30-14.407W 37-56-34.500N 122-30-13.880W 37-56-32.640N	FI G 2.5s			SG on pile.	Pr Ra Pr Ra Pr

Bridge Fog Signal (2) 122-26-40,350W 122-26-10,350W	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
				CALIFORNIA - Elev	enth Distric	t		
			AY (CHART 18649)					
BRIDGE RACON 122-264 4500W 122-264 1500W Private aid. Pr				FI (2+1)G 6s	9		JG on pile.	
SRIDGE RACON T 122-28-37.500W Private aid.	5628							BANDS: 20s (ev 30s).
	5629							BANDS: 20s (ev 30s).
Southampton Shoal Channel	San 5630	Richmond-San Rafael						2 blasts ev 30s (1s bl-1s si-1s bl- 27s si).
Fig. 4	5635	- North Channel Buoy 15					Green can.	
122.25-13.464W FIR 2.55		•						
122-25-03.574W FIG 2.5s 4 Green.		• ,	122-25-13.464W					
122-25-22-394W	5645	- Lighted Buoy 2		FI R 2.5s		3	Red.	
122-25-12.553W 122-25-12.553W FI G 4s	5650	- Lighted Buoy 3		FI G 2.5s		4	Green.	
122-25-30.780W	5655	- Lighted Buoy 4		FIR 4s		4	Red.	
122-25-20.449W	5657	- Lighted Buoy 5		FI G 4s		4	Green.	
122-25-36.832W 122-25-36.832W 122-25-36.536W 122-25-36.002W 122-35.002W 122	5659	- Lighted Buoy 6		FI R 2.5s		4	Red.	
Lighted Buoy 1 122-25-13.535W Fi W 4s White with orange bands. Private aid.	5660	- Lighted Buoy 7		FI G 2.5s		4	Green.	
Rickyard Buoy 2 122-24-55.000W 122-24-55.000W 122-25-05.409M 122-25-02.975W 122-25-05.075W 122	5661			FI W 4s				, ,
5665 - Lighted Buoy 2 37-55-05-494N 122-25-02.975W Q R 3 Red. 5670 - APPROACH RANGE FEAR FRONT LIGHT 37-54-02.725N 122-23-29.578W Q W 23 KRW on pile. Visible all around with higher intensity on rangeline. 5675 - APPROACH RANGE REAR LIGHT 37-53-55.570N 122-23-19.654W 338 yards, 132.3° from front light. Iso W 6s 36 KRW on Dolphin. Visible all around with higher intensity on rangeline. 5680 - Lighted Buoy 3 37-54-54.628N 122-24-35.792W FI G 4s 4 Green. 5685 - LIGHT 4 37-54-54.628N 122-24-33.792W Q R 15 3 TR on pile. 5690 - Lighted Buoy 5 37-54-30.494N 122-24-00.573W FI G 2.5s 3 Green. 5695 - Jetty Daybeacon 122-24-00.573W FI R 4s 122-24-00.573W NR on pile. NR on pile. 5700 - Lighted Buoy 6 122-23-31.530W FI G 4s 14.848 4 Green. 5705 - Lighted Buoy 7 122-23-10.452W FI G 6s 15 4 TR on pile. Ra ref. 5710 - LiGHT 8 17 122-23-00.024W FI R 6s 16 8 On pile.	5662			FI W 4s				Private aid.
122-25-02.975W 5670 - APPROACH RANGE FRONT LIGHT 37-54-02.725N Q W 23 KRW on pile. Visible all around with higher intensity on rangeline. 5675 - APPROACH RANGE REAR 122-23-29.578W 122-23-19.654W 358 yards, 132.3° from front light. 5680 - Lighted Buoy 3 37-54-54.628N 122-24-35.792W PI G 4s 4 Green. 5685 - LIGHT 4 37-54-22.064N Q R 15 3 TR on pile. 5690 - Lighted Buoy 5 37-54-30.494N 122-24-00.573W FI G 2.5s 3 Green. 5695 - Jetty Daybeacon 37-54-13.463N 122-23-31.530W FI R 4s 3 Red. 5700 - Lighted Buoy 6 37-54-20.430N FI R 4s 3 Red. 5710 - LIGHT 8 37-54-23.743N FI R 6s 15 4 TR on pile. 5710 - LIGHT 8 37-54-25.620N FI R 6s 15 4 TR on pile. 5710 - RIGHT 8 37-54-25.620N FI R 6s 15 4 TR on pile. 5710 - RIGHT 8 37-54-25.620N FI R 6s 15 4 TR on pile. 5710 - RIGHT 8 37-54-25.620N FI R 6s 15 4 TR on pile. 5710 - RIGHT 8 37-54-25.620N FI R 6s 15 4 TR on pile. 5710 - RIGHT 8 37-54-25.620N FI R 6s 15 4 TR on pile. 5710 - RIGHT 9 37-54-28.830N FI R 8 On pile. 5710 - RIGHT 9 37-54-28.830N FI R 8 On pile. 5710 - RIGHT 9 37-54-28.830N FI R 8 SOn pile. 5720 - RIGHT 9 37-54-18.981N FI G 4s 10 4 SG on pile. 5720 - RIGHT 9 37-54-18.981N FI G 4s 10 4 SG on pile. 5720 - RIGHT 9 37-54-18.981N FI G 4s 10 4 SG on pile. 5720 - RIGHT 9 37-54-18.981N FI G 4s 10 4 SG on pile.								
FRONT LIGHT 122-23-29.578W intensity on rangeline. 5675 - APPROACH RANGE REAR LIGHT 122-23-19.654W 358 yards, 132.3° from front light. 5680 - Lighted Buoy 3 37-54-54.628N 122-24-35.792W 75-64-20.408N 122-24-35.792W 75-64-20.374W 75-64-20.064N 122-24-03.374W 75-64-20.06573W 75-64-20.06573W 75-64-20.06573W 75-64-20.0573W 75-64-20.0573	5665	- Lighted Buoy 2		QR		3	Red.	
LIGHT 358 yards, 132.3° from front light. 5680 - Lighted Buoy 3	5670	EDON'T LIQUIT		QW	23		KRW on pile.	
122-24-35.792W 5685 - LIGHT 4 37-54-22.064N 122-24-03.374W 5690 - Lighted Buoy 5 37-54-30.494N 122-24-00.573W 5695 - Jetty Daybeacon 37-54-13.463N 122-23-31.530W 5700 - Lighted Buoy 6 37-54-20.430N 122-23-38.767W 5701 - Lighted Buoy 7 37-54-23.743N 122-23-310.452W 5710 - LIGHT 8 37-54-15.983N FI R 6s 15 4 TR on pile. Ra ref. 5715 BRICKYARD COVE HARBOR 37-54-26.830N F R 8 5720 BRICKYARD COVE HARBOR 37-54-28.340W 5725 - LIGHT 9 37-54-18.981N FI G 4s 10 4 SG on pile. Ra ref.	5675	LIGHT 358 yards, 132.3° from front		Iso W 6s	36		KRW on Dolphin.	
5690 - Lighted Buoy 5 37-54-30.494N 122-24-00.573W FI G 2.5s 3 Green. 5695 - Jetty Daybeacon 37-54-13.463N 122-23-31.530W FI R 4s 3 Red. 5700 - Lighted Buoy 6 122-23-38.767W FI R 4s 3 Red. 5705 - Lighted Buoy 7 122-23-10.452W FI G 4s 4 Green. 5710 - LIGHT 8 37-54-15.983N 122-23-10.452W FI R 6s 15 4 TR on pile. Ra ref. 5715 BRICKYARD COVE HARBOR 122-23-60.024W F G 8 On pile. Private aid. 5720 BRICKYARD COVE HARBOR 122-22-58.340W F R 8 On pile. Private aid. 5725 - LIGHT 9 37-54-18.981N FI G 4s 10 4 SG on pile. Ra ref.	5680	- Lighted Buoy 3		FI G 4s		4	Green.	
122-24-00.573W 5695 - Jetty Daybeacon 37-54-13.463N 122-23-31.530W 5700 - Lighted Buoy 6 37-54-20.430N 122-23-38.767W 5705 - Lighted Buoy 7 37-54-23.743N 122-23-10.452W 5710 - LIGHT 8 37-54-15.983N 122-23-06.024W 5715 BRICKYARD COVE HARBOR 122-25-58.340W 5720 BRICKYARD COVE HARBOR 122-25-58.340W 5725 - LIGHT 9 37-54-18.981N FI G 4s 10 4 SG on pile. Ra ref.	5685	- LIGHT 4		QR	15	3	TR on pile.	
122-23-1530W 5700 - Lighted Buoy 6 37-54-20.430N FI R 4s 3 Red. 5705 - Lighted Buoy 7 37-54-23.743N FI G 4s 4 Green. 5710 - LIGHT 8 37-54-15.983N FI R 6s 15 4 TR on pile. Ra ref. 5715 BRICKYARD COVE HARBOR 122-23-60.024W 5720 BRICKYARD COVE HARBOR 122-258.340W 5720 BRICKYARD COVE HARBOR 122-257.510W 5725 - LIGHT 9 37-54-18.981N FI G 4s 10 4 SG on pile. Ra ref.	5690	- Lighted Buoy 5		FI G 2.5s		3	Green.	
122-23-8.767W 5705 - Lighted Buoy 7 37-54-23.743N FI G 4s 4 Green. 5710 - LIGHT 8 37-54-15.983N FI R 6s 15 4 TR on pile. Ra ref. 5715 BRICKYARD COVE HARBOR 122-23-06.024W 5720 BRICKYARD COVE HARBOR 122-25-8.340W 5720 BRICKYARD COVE HARBOR 122-25-7.510W 5725 - LIGHT 9 37-54-18.981N FI G 4s 10 4 SG on pile. Ra ref.	5695	- Jetty Daybeacon					NR on pile.	
5705 - Lighted Buoy 7 37-54-23.743N FI G 4s 4 Green. 5710 - LIGHT 8 37-54-15.983N FI R 6s 15 4 TR on pile. Ra ref. 5715 BRICKYARD COVE HARBOR 122-23-06.024W F G 8 On pile. Private aid. 5720 BRICKYARD COVE HARBOR 122-22-58.340W F R 8 On pile. Private aid. 5725 - LIGHT 9 37-54-18.981N FI G 4s 10 4 SG on pile. Ra ref.	5700	- Lighted Buoy 6		FIR 4s		3	Red.	
5710 - LIGHT 8 37-54-15.983N 122-23-06.024W FI R 6s 15 4 TR on pile. Ra ref. 5715 BRICKYARD COVE HARBOR LIGHT 1 37-54-25.620N 122-22-58.340W F G 8 On pile. Private aid. 5720 BRICKYARD COVE HARBOR LIGHT 2 37-54-24.830N 122-22-57.510W F R 8 On pile. Private aid. 5725 - LIGHT 9 37-54-18.981N FI G 4s 10 4 SG on pile. Ra ref.	5705	- Lighted Buoy 7	37-54-23.743N	FI G 4s		4	Green.	
5715 BRICKYARD COVE HARBOR LIGHT 1 37-54-25.620N 122-22-58.340W F G 8 On pile. Private aid. 5720 BRICKYARD COVE HARBOR LIGHT 2 37-54-24.830N 122-22-57.510W F R 8 On pile. Private aid. 5725 - LIGHT 9 37-54-18.981N F I G 4s 10 4 SG on pile. Ra ref.	5710	- LIGHT 8	37-54-15.983N	FIR 6s	15	4	TR on pile.	Ra ref.
5720 BRICKYARD COVE HARBOR LIGHT 2 37-54-24.830N F R 8 On pile. Private aid. 5725 - LIGHT 9 37-54-18.981N FI G 4s 10 4 SG on pile. Ra ref.	5715		37-54-25.620N	F G	8		On pile.	Private aid.
5725 - LIGHT 9 37-54-18.981N FI G 4s 10 4 SG on pile. Ra ref.	5720	BRICKYARD COVE HARBOR	37-54-24.830N	FR	8		On pile.	Private aid.
	5725	- LIGHT 9	37-54-18.981N	FI G 4s	10	4	SG on pile.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth District	i		
	RANCE TO SAN FRANCISCO B <i>i</i> mond Harbor Channel	AY (CHART 18649)					
5730	- LIGHT 10	37-54-12.146N 122-22-33.606W	FIR 4s	15	3	TR on pile.	Ra ref.
5735	- LIGHT 12	37-54-05.995N 122-22-01.130W	FI R 2.5s	25	4	TR on pile.	Ra ref.
5739	- LIGHT 14	37-54-08.749N 122-21-36.791W	QR	17	3	TR on pile. On same structure as Point Potrero Reach Range Front Light.	
5740	POINT POTRERO REACH RANGE FRONT LIGHT	37-54-08.767N 122-21-36.819W	QR	23		KRW on pile. On same structure as Richmond Harbor Channel Light 14.	Visible 1.5° each side of the rangeline.
5741	POINT POTRERO REACH RANGE REAR LIGHT 311 yards, 098.5° from front light.	37-54-07.404N 122-21-25.312W	Iso R 6s	46		KRW on pile.	Visible 1.5° each side of the rangeline.
5745	- Daybeacon 16	37-54-21.015N 122-21-34.471W				TR on pile.	
5750	- LIGHT 18	37-54-27.742N 122-21-36.950W	FI R 2.5s	15	3	TR on pile	
5760	Richmond Long Wharf Fog Signal	37-55-20.000N 122-24-36.000W				Building on wharf.	HORN: 2 blasts ev 30s (3s bl-2s si-1s bl-24s si). Private aid.
5765	Richmond Long Wharf Inner Fog Signal	37-55-30.000N 122-24-20.000W				On wharf.	Private aid.
Rich 5775	mond-San Rafael Bridge East C Castro Rocks Lighted Buoy 2CR	hannel 37-55-53.991N 122-25-15.205W	FIR 4s		3	Red.	
5780	- Fog Signal (2)	37-56-01.940N 122-25-37.350W					HORN: 1 BLAST EV 15S (1S BL). Private aid.
5785	- Buoy 6	37-56-11.500N 122-25-33.606W				Red nun.	
5815	San Francisco Bay North Channel Lighted Buoy 16	37-57-17.438N 122-26-28.608W	QR		3	Red.	
5820	San Francisco Bay North Channel Lighted Bell Buoy 18	37-57-35.037N 122-26-24.458W	FI R 2.5s		4	Red.	
5825	SAN FRANCISCO BAY NORTH CHANNEL LIGHT 17	37-57-26.420N 122-27-25.879W	FI G 4s	15	4	SG on pile.	
San 5830	Rafael Creek - RANGE FRONT LIGHT	37-58-15.173N 122-29-48.070W	QR	15		KRW on pile.	Visible all around higher intensit on rangeline.
5835	- REAR RANGE LIGHT 332 yards, 293.2° from front light.	37-58-19.053N 122-29-59.493W	Oc R 4s	56		KRW on pile.	Visible all around with higher intensity on rangeline.
5840	- LIGHT 1	37-57-41.970N 122-28-12.492W	FI G 2.5s	20	4	SG on pile.	
5845	- LIGHT 3	37-57-50.047N 122-28-36.471W	FI G 4s	20	4	SG on pile.	
5850	- LIGHT 5	37-57-59.156N 122-29-03.401W	FI G 6s	15	4	SG on a pile.	
5855	- LIGHT 6	37-58-07.022N 122-29-22.051W	FIR 4s	16	3	TR on pile.	Ra ref.
5860	- LIGHT 7	37-58-11.444N 122-29-37.955W	FI G 2.5s	10	3	SG on pile.	
5865	East Brother Light	37-57-47.543N 122-26-00.657W	FI W 5s	61	14	Buff square tower. 61	HORN: 1 blast ev 30s (3s bl), operates continuously from Oct 1 to Apr. 1.
	PABLO BAY (Chart 18654)						
San 5875	Pablo Bay - Lighted Buoy 2	37-58-04.037N 122-25-45.287W	FIR 4s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SAN	PABLO BAY (Chart 18654)		CALIFORNIA - Elev	enth Distric	t		
San 5877	Pablo Bay San Rafael Rock Quarry	37-58-42.702N				White with	Private aid.
3677	Mooring Buoy A	122-26-38.616W				horizontal blue band.	Filvate alu.
5877.1	San Rafael Rock Quarry Mooring Buoy B	37-58-51.354N 122-26-37.584W				White with horizontal blue band.	Private aid.
5877.2	San Rafael Rock Quarry Mooring Buoy C	37-58-52.524N 122-26-27.258W				White with horizontal blue band.	Private aid.
5877.3	San Rafael Rock Quarry Mooring Buoy D	37-58-59.346N 122-26-24.948W				White with horizontal blue band.	Private aid.
5877.4	San Rafael Rock Quarry Mooring Buoy E	37-59-01.092N 122-26-36.894W				White with horizontal blue band.	Private aid.
5877.5	San Rafael Rock Quarry Mooring Buoy F	37-59-08.358N 122-26-23.226W				White with horizontal blue band.	Private aid.
5880	- LIGHT 4	37-58-52.376N 122-25-03.731W	FIR 6s	15	4	TR on pile.	
5885	- CHANNEL LIGHT 5	38-00-42.943N 122-24-54.960W	FI G 2.5s	15	3	SG on pile.	Ra ref.
5890	- Preferred Channel Lighted Buoy E	38-00-35.510N 122-24-16.150W	FI (2+1)R 6s		5	Red, Green, Red, Preferred channel buoy	
5895	POINT PINOLE LIGHT P	38-00-59.649N 122-22-02.906W	FI W 2.5s	15	5	NR on pile.	Ra ref.
5900	- Channel Lighted Buoy 7	38-01-51.916N 122-22-26.887W	FI G 4s		4	Green.	
5905	- Channel Lighted Buoy 8	38-01-45.284N 122-22-18.783W	FIR 4s		4	Red.	
5910	- Channel Lighted Buoy 9	38-02-30.336N 122-21-10.339W	FI G 6s		4	Green.	
5915	- Channel Lighted Buoy 10	38-02-22.110N 122-21-03.839W	FIR 6s		4	Red.	
5920	- CHANNEL LIGHT 11	38-03-10.839N 122-19-50.622W	QG	15	3	SG on pile.	
5922	PINOLE SHOAL RANGE FRONT LIGHT	38-03-15.767N 122-19-26.236W	FI G 2.5s	26		KRW on pile.	Visible 4° each side of the rangeline.
5923	PINOLE SHOAL RANGE REAR LIGHT 266 yards, 059.2° from front light.	38-03-19.939N 122-19-17.751W	Iso G 6s	55		KRW on pile.	Visible 4° each side of rangeline
5925	- CHANNEL LIGHT 12	38-02-58.951N 122-19-46.997W	FI R 2.5s	15	3	TR on pile structure.	MMSI: 993692052
5930	- CHANNEL LIGHT 13	38-03-21.917N 122-18-30.428W	FI G 4s	23	4	SG on pile structure.	Ra ref.
5935	- CHANNEL LIGHT 14	38-03-13.865N 122-18-28.976W	FIR 4s	15	3	TR on pile structure.	Ra ref.
5940	- CHANNEL LIGHT 15	38-03-32.854N 122-17-27.651W	FI G 2.5s	15	3	SG on pile.	HORN: 1 blast ev 10s (1s bl), operates continuously from Oct. 1 to Apr. 1. Ra ref.
5960	OLEUM WHARF WEST LIGHTS (4)	38-03-23.215N 122-15-49.890W	FR	12		On end of wharf.	BELL: 1 stroke ev 8s Private aid.
5965	OLEUM WHARF EAST LIGHTS (4)	38-03-25.715N 122-15-32.590W	FR	12		On end of wharf.	HORN: 1 blast ev 18S (2S BL). Private aid.
5970	- LIGHT 17	38-04-08.499N 122-15-10.709W	FI G 6s	30	4	SG on post.	
	luma River						
5975	- ENTRANCE LIGHT 1	38-02-42.653N 122-25-43.602W	FI G 4s	15	4	SG on pile.	
5980	- ENTRANCE LIGHT 2	38-02-56.685N 122-25-19.369W	FI R 2.5s	10	4	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SAN	I PABLO BAY (Chart 18654)		CALIFORNIA - Elev	enth Distric	t		
	aluma River - Entrance Channel	38-03-29.205N				SG on pile.	
5990	Daybeacon 3 - ENTRANCE CHANNEL	122-25-46.688W 38-03-31.044N	FIR 4s	15	3	TR on pile.	
	LIGHT 4	122-25-26.311W	1110 40	10	Ü	·	
5995	- Entrance Channel Daybeacon 5	38-04-15.436N 122-25-42.773W				SG on pile.	
6000	- ENTRANCE CHANNEL LIGHT 6	38-04-15.891N 122-25-36.962W	FI R 2.5s	15	3	TR on pile.	
6005	 Entrance Channel Daybeacon 7 	38-04-47.706N 122-26-07.442W				SG on pile.	
6010	- ENTRANCE CHANNEL LIGHT 8	38-04-49.611N 122-26-04.222W	FIR 4s	15	3	TR on pile.	Ra ref.
6015	- Entrance Channel Daybeacon 9	38-05-19.344N 122-26-32.897W				SG on pile.	
6020	- ENTRANCE CHANNEL LIGHT 10	38-05-20.542N 122-26-29.507W	FIR 4s	10	3	TR on pile.	
6025	- Entrance Channel Daybeacon 11	38-05-49.551N 122-26-57.450W				SG on pile.	
6030	- ENTRANCE CHANNEL LIGHT 12	38-05-51.245N 122-26-54.342W	FIR 4s	10	3	TR on pile.	
6035	- Entrance Channel Daybeacon 13	38-06-18.722N				SG on pile.	
6040	- ENTRANCE CHANNEL LIGHT 14	122-27-22.870W 38-06-18.678N	FIR 4s	20	3	TR on pile.	
6045	- Entrance Channel	122-27-16.905W 38-06-34.198N				SG on pile.	
6050	Daybeacon 15 - ENTRANCE CHANNEL	122-27-56.939W 38-06-36.474N	FIR 4s	12	3	TR on pile.	
6055	LIGHT 16 - Entrance Channel	122-27-56.586W 38-06-37.122N				SG on pile.	
6060	Daybeacon 17 - ENTRANCE CHANNEL	122-28-26.372W 38-06-40.354N	FIR 6s	15	3	TR on pile.	Ra ref.
6065	LIGHT 18 - Entrance Channel	122-28-26.254W 38-06-37.465N				SG on pile.	
6070	Daybeacon 19 - ENTRANCE CHANNEL	122-29-07.645W 38-06-41.143N	FIR 4s	15	3	TR on pile.	
6075	LIGHT 20 - Buoy 2	122-29-07.514W 38-11-50.696N				Red nun.	
6080	- Buoy 4	122-33-40.806W 38-11-53.678N				Red nun.	
	•	122-33-49.302W					
6085	- Daybeacon 5	38-12-13.101N 122-34-10.630W				SG on pile.	
6087	- OUTFALL LIGHT	38-12-32.000N 122-34-55.000W	FI W 2s	13		On pile.	Two lights 15 feet apart Private aid.
Mar 6	e Island Strait - Lighted Buoy 1	38-04-15.540N	FI G 2.5s		4	Green	
6095	- LIGHT 2	122-14-51.061W 38-04-10.740N	FI R 2.5s	20	3	TR on pile.	
6100	- LIGHT 3	122-14-41.444W 38-04-24.883N	QG	15	3	SG on pile.	
6105	- LIGHT 4	122-14-46.057W 38-04-25.254N	QR	20	3	TR on pile.	
		122-14-38.975W		20		·	
6106	- Lighted Buoy 5	38-04-47.903N 122-14-56.310W	FI G 2.5s		4	Green.	
6108	- Lighted Buoy 7	38-05-12.224N 122-15-14.231W	FI G 4s		4	Green.	
Vall e 6110	ejo - YACHT CLUB LIGHT 1	38-06-17.100N	FI G 4s	5		Pile.	Private aid.
6115	- YACHT CLUB LIGHT 2	122-16-03.900W 38-06-16.600N	FIR 4s	5		Pile.	Private aid.
6120	- MARINA SOUTH	122-16-03.400W 38-06-23.300N	FIR 6s	7		On post on	Private aid.
0	ENTRANCE LIGHT 2	122-16-09.200W		,		breakwater.	. III dia

122-18-25.745W pile. on rangeline. Ra ref.	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Name				CALIFORNIA - Elev	enth Distric	t		
MARINA SOUTH Since Private aid Private P								
ENTRANCE LIGHT 2		- MARINA SOUTH		FI G 6s	7			Private aid.
ENTRANCE LIGHT 12-16-21 00007 Service	6136			FIR 4s	7			Private aid.
16140 Daykeacon 2 38-07-48-880N File of 4e 19 4 SC on pile	6137			FI G 4s	7			Private aid.
121-16-44-681W 122-16-44-681W 122-17-13-580W 16 d 4s	Nap	a River						
122-17-01-359W 122-17-01-359W 122-17-36-101W 122-18-26-101W 122-	6140	- Daybeacon 2					TR on pile.	
122-17-38-101W 38-10-28-652N Fire 2.56 15 3 3 3 3 3 3 3 3 3	6145	- LIGHT 3		FI G 4s	19	4	SG on pile.	
1221-728.859W 10-10 10-1	6150	- Wreck Buoy WR4					Red nun.	Buoy marks wreck.
ELECTRIC COMPANY 122-17-527-40W FIG 4s 15 4 SG on pile.	6153	- LIGHT 6		FI R 2.5s	15	3		
122-17-41-888W 6165 - LIGHT 8 38-10-50 818N 122-17-57-193W 6170 - LIGHT 9 38-10-49-773 FIG 2.5s 15 3 TR on pile. 6170 - LIGHT 9 38-10-49-773 FIG 2.5s 15 3 SG on pile. 6170 - LIGHT 11 38-10-22-079W 6180 - LIGHT 13 38-10-50-412N 122-18-44-726W 6180 - LIGHT 13 38-11-32-987N FIG 4s 15 4 SG on pile. 6180 - RANGE FRONT LIGHT 14 81-22-03-44N 122-18-51-200W 6185 - RANGE REAR LIGHT 18 122-18-51-200W 6190 - RANGE REAR LIGHT 18 122-18-51-200W 6190 - RANGE REAR LIGHT 18 122-18-25-231N 122-18-25-231N 122-18-25-231N 122-18-25-231N 122-18-25-231N 122-18-24-25-25-231N 122-18-24-25-25-25-25-25-25-25-25-25-25-25-25-25-	6155	ELECTRIC COMPANY		QW	10			Private aid.
122-17-57, 193W	6160	- LIGHT 7		FI G 4s	15	4	SG on pile.	
122-18-22 079W	6165	- LIGHT 8		FIR 4s	15	3	TR on pile.	
122-18-44-726W	6170	- LIGHT 9		FI G 2.5s	15	3	SG on pile.	
122-18-51 Jagow 122-18-18 Jagow 15	6175	- LIGHT 11		FI G 4s	15	4	SG on pile.	
122-18-25.745W Section Fig. 4 Section Fig	6180	- LIGHT 13		FI G 4s	15	4	SG on pile.	
132 yards, 183.0" from from 122-18-26.086W	6185	- RANGE FRONT LIGHT 14		QW	15			Visible all around: higher intensity on rangeline. Ra ref.
6195 LIGHT 15 38-13-25-231N 122-18-34-388W 15 15 4 SG on pile. 6196 - Wreck Lighted Buoy WR16 122-17-34-055W 122-17-34-055W 122-17-34-055W 122-17-74-055W 122-17-74-055W 122-17-77-72W 122-17-77-72W 122-17-77-72W 122-17-77-72W 122-17-703-146W 122-17-03-146W 122-17-03-15W 12	6190	132 yards, 183.0° from front		Iso W 6s	22		KRW on pile.	Visible all around; higher intensity on rangeline. Ra ref.
6196 - Wreck Lighted Buoy WR16 38-13-55.013N 12-17-34.055W Q R - S Red. Buoy marks wreck 6200 - LIGHT 16 38-13-56.499N 122-17-17.772W FIR 4s 15 3 TR on pile. 6201 - LIGHT 18 38-14-47.035N 122-17-03.146W FIR 4s 15 3 TR on pile. 6202 - LIGHT 20 38-15-12.860N 122-17-04.098W FIR 4s 15 3 TR on pile. 6203 - Daybeacon 23 38-16-06.970N 122-17-12.015W FIR 4s 15 4 SG on pile. 6204 - LIGHT 25 38-16-22.080N 122-17-07.315W FIR 4s 15 3 TR on pile. 6205 - LIGHT 28 38-16-30.629N 122-17-07.315W FIR 4s 15 3 TR on pile. 6207 - LIGHT 30 38-16-43.124N 124N 122-16-55.045W FIR 4s 15 3 TR on pile. 6207.1 - LIGHT 34 38-16-47.279N 122-17-09.356W FIR 4s 15 3 TR on pile. 6208 - Daybeacon 36 38-17-11.931N 122-17-00.356W FIR 4s 15 <td>6195</td> <td>=</td> <td></td> <td>FI G 4s</td> <td>15</td> <td>4</td> <td>SG on pile.</td> <td></td>	6195	=		FI G 4s	15	4	SG on pile.	
122-17-17.772W 122-17-07.7172W 122-17-03.146W FI R 4s 15 3 TR on pile.	6196	- Wreck Lighted Buoy WR16		QR		3	Red.	Buoy marks wreck
122-17-03.146W FI R 4s 15 3 TR on pile. TR on	6200	- LIGHT 16		FIR 4s	15	3	TR on pile.	
6203 - Daybeacon 23 38-16-06.970N 122-17-12.015W FI G 4s 15 4 SG on pile. 6204 - LIGHT 25 38-16-20.821N 122-17-14.659W FI G 4s 15 3 TR on pile. 6205 - LIGHT 26 38-16-22.080N 122-17-07.315W FI R 4s 15 3 TR on pile. 6206 - LIGHT 28 38-16-30.629N 122-16-57.890W FI R 4s 15 3 TR on pile. 6207 - LIGHT 30 38-16-43.124N 122-16-55.045W FI R 4s 15 3 TR on pile. 6207.1 - LIGHT 32 38-16-47.279N 122-17-00.577W FI R 4s 15 3 TR on pile. 6207.2 - LIGHT 34 38-17-02.635N 122-17-09.356W FI R 4s 15 3 TR on pile. 6208 - Daybeacon 36 38-17-11.931N 122-17-00.409W TR on pile. TR on pile. 6209 - LIGHT 38 38-17-22.754N 122-16-57.609W FI R 4s 15 3 TR on pile. 6210 - LIGHT 40 38-17-32.882N FI R 4s 15 3 TR on pile.	6201	- LIGHT 18		FIR 4s	15	3	TR on pile.	
122-17-12.015W	6202	- LIGHT 20		FIR 4s	15	3	TR on pile.	
122-17-14.659W 6205 - LIGHT 26 38-16-22.080N 122-17-07.315W FI R 4s 15 3 TR on pile. 6206 - LIGHT 28 38-16-30.629N 122-16-57.890W FI R 4s 15 3 TR on pile. 6207 - LIGHT 30 38-16-43.124N 122-16-55.045W FI R 4s 15 3 TR on pile. 6207.1 - LIGHT 32 38-16-47.279N 122-17-00.577W FI R 4s 15 3 TR on pile. 6207.2 - LIGHT 34 38-17-02.635N 122-17-09.356W FI R 4s 15 3 TR on pile. 6208 - Daybeacon 36 38-17-11.931N 122-17-00.409W FI R 4s 15 3 TR on pile. 6209 - LIGHT 38 38-17-22.754N 122-16-57.609W FI R 4s 15 3 TR on pile. 6210 - LIGHT 40 38-17-32.882N FI R 4s 15 3 TR on pile.	6203	- Daybeacon 23					SG on pile.	
6206 - LIGHT 28 38-16-30.629N 122-16-57.890W FI R 4s 15 3 TR on pile. 6207 - LIGHT 30 38-16-43.124N 122-16-55.045W FI R 4s 15 3 TR on pile. 6207.1 - LIGHT 32 38-16-47.279N 122-17-00.577W FI R 4s 15 3 TR on pile. 6207.2 - LIGHT 34 38-17-02.635N 122-17-09.356W FI R 4s 15 3 TR on pile. 6208 - Daybeacon 36 38-17-11.931N 122-17-00.409W TR on pile. TR on pile. 6209 - LIGHT 38 38-17-22.754N 122-16-57.609W FI R 4s 15 3 TR on pile. 6210 - LIGHT 40 38-17-32.882N FI R 4s 15 3 TR on pile.	6204	- LIGHT 25		FI G 4s	15	4	SG on pile.	
6207 - LIGHT 30 38-16-43.124N 122-16-55.045W FI R 4s 15 3 TR on pile. 6207.1 - LIGHT 32 38-16-47.279N 122-17-00.577W FI R 4s 15 3 TR on pile. 6207.2 - LIGHT 34 38-17-02.635N 122-17-09.356W FI R 4s 15 3 TR on pile. 6208 - Daybeacon 36 38-17-11.931N 122-17-00.409W TR on pile. TR on pile. 6209 - LIGHT 38 38-17-22.754N 122-16-57.609W FI R 4s 15 3 TR on pile. 6210 - LIGHT 40 38-17-32.882N FI R 4s 15 3 TR on pile.	6205	- LIGHT 26		FIR 4s	15	3	TR on pile.	
6207.1 - LIGHT 32 38-16-47.279N 122-17-00.577W FI R 4s 15 3 TR on pile. 6207.2 - LIGHT 34 38-17-02.635N 122-17-09.356W FI R 4s 15 3 TR on pile. 6208 - Daybeacon 36 122-17-09.356W 38-17-11.931N 122-17-00.409W TR on pile. 6209 - LIGHT 38 38-17-22.754N 122-16-57.609W FI R 4s 15 3 TR on pile. 6210 - LIGHT 40 38-17-32.882N FI R 4s 15 3 TR on pile.	6206	- LIGHT 28		FIR 4s	15	3	TR on pile.	
6207.1 - LIGHT 32 38-16-47.279N 122-17-00.577W FI R 4s 15 3 TR on pile. 6207.2 - LIGHT 34 38-17-02.635N 122-17-09.356W FI R 4s 15 3 TR on pile. 6208 - Daybeacon 36 38-17-11.931N 122-17-00.409W TR on pile. TR on pile. 6209 - LIGHT 38 38-17-22.754N 122-16-57.609W FI R 4s 15 3 TR on pile. 6210 - LIGHT 40 38-17-32.882N FI R 4s 15 3 TR on pile.	6207	- LIGHT 30	38-16-43.124N	FIR 4s	15	3	TR on pile.	
6207.2 - LIGHT 34 38-17-02.635N 122-17-09.356W FI R 4s 15 3 TR on pile. 6208 - Daybeacon 36 38-17-11.931N 122-17-00.409W TR on pile. 6209 - LIGHT 38 38-17-22.754N 122-16-57.609W FI R 4s 15 3 TR on pile. 6210 - LIGHT 40 38-17-32.882N FI R 4s 15 3 TR on pile.	6207.1	- LIGHT 32		FIR 4s	15	3	TR on pile.	
6208 - Daybeacon 36 38-17-11.931N TR on pile. 6209 - LIGHT 38 38-17-22.754N FI R 4s 15 3 TR on pile. 6210 - LIGHT 40 38-17-32.882N FI R 4s 15 3 TR on pile.	6207.2	- LIGHT 34		FIR 4s	15	3	TR on pile.	
6209 - LIGHT 38 38-17-22.754N FI R 4s 15 3 TR on pile. 6210 - LIGHT 40 38-17-32.882N FI R 4s 15 3 TR on pile.	6208	- Daybeacon 36	38-17-11.931N				TR on pile.	
	6209	- LIGHT 38	38-17-22.754N	FIR 4s	15	3	TR on pile.	
	6210	- LIGHT 40		FIR 4s	15	3	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth Distric	t		
	PABLO BAY (Chart 18654) a River						
6210.1	- LIGHT 42	38-17-42.045N 122-16-56.872W	FIR 4s	15	3	TR on pile.	
6210.2	- LIGHT 44	38-17-47.323N 122-16-54.111W	FIR 4s	15	3	TR on pile.	
6210.3	- Daybeacon 46	38-17-51.402N 122-16-58.019W				TR on pile.	
SUIS	SUN BAY (Chart 18656)						
Card 6211	luinez Strait SHORE OIL WHARF EAST LIGHT	38-03-32.050N 122-14-27.630W	QW	10		On wharf.	Private aid.
6212	SHORE OIL WHARF WEST LIGHT	38-03-31.740N 122-14-30.370W	QW	10		On wharf.	Private aid.
6214	- Buoy BP	38-03-39.593N 122-13-38.791W				Red and green bands.	
6215	- Bridge Center Fog Signal	38-03-38.200N 122-13-31.600W				On center pier.	BELL: 1 stroke ev 10s. On north side of center pier. HORN: 1 blast ev 30s (2s bl). Private aid.
6216	- BRIDGE NORTH CHANNEL RACON N Mid-span on north channel.	38-03-46.600N 122-13-31.300W					RACON: N () BANDS: Alternating 20s (X 10s, S 10s). Private aid.
6217	- BRIDGE SOUTH CHANNEL RACON C Mid-span on south channel.	38-03-33.120N 122-13-29.760W					RACON: C () BANDS: Alternating 20s (X 10s, S 10s). Private aid.
6220	- Bridge South Channel Fog Signal	38-03-27.720N 122-13-30.120W				On south pier.	Private aid.
6222	GLENCOVE MARINA ENTRANCE LIGHT 1	38-03-58.000N 122-12-50.000W	FI G 4s	14		On pile.	Private aid.
6223	GLENCOVE MARINA ENTRANCE LIGHT 2	38-03-58.000N 122-12-49.000W	FIR 4s	14		On pile.	Private aid.
6225	- LIGHT 21	38-03-35.901N 122-11-39.323W	FI G 4s	20	4	SG on pile.	
6230	- LIGHT 20	38-03-14.236N 122-11-44.228W	FIR 4s	16	3	TR on pile.	
6232	- Lighted Buoy 21A	38-03-22.104N 122-10-53.352W	FI G 2.5s		3	Green.	
6240	- LIGHT 23	38-02-36.674N 122-10-02.893W	FI G 4s	20	4	SG on pile.	
6245	- Lighted Buoy 25	38-01-59.729N 122-09-42.934W	QG		3	Green.	
6247	BENICIA MARINA LIGHT 1	38-02-31.610N 122-09-27.580W	FI G 5s	5		SG on post.	Private aid.
6248	BENICIA MARINA LIGHT 2	38-02-31.330N 122-09-26.510W	FIR 5s	5		TR on post.	Private aid.
6250	BENICIA WHARF LIGHT	38-02-24.176N 122-08-18.517W	FI G 4s	12	5	Corner of pier.	
6255	MARTINEZ MARINA LIGHT 1	38-01-40.860N 122-08-17.610W	FI G 4s	7		On pile.	Private aid.
6260	MARTINEZ MARINA LIGHT 2	38-01-40.040N 122-08-18.230W	FIR 4s	7		On pile.	Private aid.
6265	SHELL OIL WHARF WEST END LIGHT	38-01-48.430N 122-08-02.570W	QR	24		Mooring dolphin.	Private aid.
6270	Shell Oil Wharf Fog Signal	38-01-53.000N 122-07-50.000W					HORN: 1 blast ev 20s (5s bl). Private aid.
6275	SHELL OIL WHARF EAST END LIGHT	38-01-57.950N 122-07-43.875W	Oc R 2.4s	24		Mooring dolphin.	Private aid.
6280	AMORCO WHARF WEST LIGHT	38-02-03.715N 122-07-30.875W	FR	26		On post above dolphins.	BELL near center of Pier: 2 strokes ev 15s Private aid.
6281	AMORCO WHARF EAST LIGHTS	38-02-09.000N 122-07-20.000W	FR	26		On post above dolphins.	Private aid.
6285	Benicia-Martinez Highway Bridge Main Channel Fog Signal	38-02-18.100N 122-07-16.800W					HORN: 1 blast ev 20s (1.5s bl). Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SUIS	SUN BAY (Chart 18656)		CALIFORNIA - Elev	enth Distric	t		
Car 6286	quinez Strait BENICIA-MARTINEZ HIGHWAY BRIDGE RACON	38-02-18.100N 122-07-16.800W					RACON: B () Private aid.
	B Mid-span, center of channel.						
6290	Benicia-Martinez Highway Bridge Secondary Channel Fog Signal	38-02-35.800N 122-07-31.000W					HORN: 2 blasts ev 20s (1s bl-1s si-1s bl-17s si). Private aid.
6295	Benicia-Martinez Rail Road Bridge Pier 13 Fog Signal	38-02-20.700N 122-07-16.000W					Private aid.
6300	Benecia-Martinez Rail Road Bridge Pier 17 Fog Signal	38-02-38.500N 122-07-29.700W					Private aid.
Suis 3305	sun Bay - Channel Buoy 2	38-02-14.638N				Red nun.	
5505	- Charmer Buoy 2	122-07-19.060W				Red Hull.	
310	- Channel Buoy 3	38-02-18.274N 122-07-22.477W				Green can.	
315	- Buoy 2A	38-02-20.635N 122-07-03.247W				Red nun.	
320	- Buoy 3A	38-02-25.885N 122-07-07.381W				Green can.	
6325	- NORTH CHANNEL LIGHT 2	38-02-52.701N 122-06-43.084W	FI R 2.5s	15	3	TR on pile.	Ra ref.
6330	- NORTH CHANNEL LIGHT 4	38-03-53.367N 122-05-48.128W	FIR 6s	15	4	TR on pile.	
335	- NORTH CHANNEL LIGHT 6	38-04-47.342N 122-04-55.828W	FIR 4s	15	3	TR on pile.	Ra ref.
Suis 345	sun Slough Entrance - LIGHT 9	38-06-29.358N 122-03-22.250W	FI G 4s	15	4	SG on pile.	
6350	- LIGHT 10	38-07-08.637N 122-03-43.748W	FIR 4s	15	3	TR on pile.	
	sun Bay	20 00 20 754N	ELD 4-		2	Ded	
355	- Channel Lighted Buoy 6	38-02-30.751N 122-06-42.705W	FIR 4s	40	3	Red.	District.
356	- PLAINS PRODUCTS PIER LIGHT (A)	38-02-41.500N 122-06-09.390W	FIR 4s	18		West End of Piier.	Private aid.
357	- PLAINS PRODUCTS PIER LIGHT (B)	38-02-43.330N 122-06-06.330W	FIR 4s	18		On Pier.	Private aid.
358	- PLAINS PRODUCTS PIER LIGHT (C)	38-02-45.060N 122-06-02.280W	FIR 4s	18		On Pier.	Private aid.
359	- PLAINS PRODUCTS PIER LIGHT (D)	38-02-46.000N 122-05-59.930W	FIR 4s	18		East End of Pier.	Private aid.
6360	- Channel Lighted Buoy 7	38-02-54.230N 122-05-58.050W	FI G 4s		4	Green.	
362	AVON TURNING BASIN SOUTH LIGHT	38-02-50.000N 122-05-47.000W	FI W 4s	18		Single pile.	Private aid.
363	AVON TURNING BASIN NORTH LIGHT	38-03-06.000N 122-05-56.000W	FI W 4s	18		Single pile.	Private aid.
6365	AVON WHARF WEST LIGHTS	38-02-53.000N 122-05-37.000W	FR	16		On wharf.	HORN (2s blast every 10s), Private aid.
6370	AVON WHARF EAST LIGHT	38-02-57.000N 122-05-25.000W	FR	21		On wharf.	HORN (2s blast every 15s), Private aid.
375	POINT EDITH CROSSING SOUTH RANGE FRONT LIGHT	38-02-56.119N 122-05-23.325W	QW	25		KRW on pile.	Visible all around; higher intensit on rangeline. Ra ref.
380	POINT EDITH CROSSING SOUTH RANGE REAR LIGHT 436 yards, 236.2° from front light.	38-02-48.924N 122-05-36.909W	Iso W 6s	31		KRW on pile.	Visible all around; higher intensit on rangeline. Ra ref.
385	- Channel Lighted Buoy 9	38-03-13.946N 122-04-54.412W	FI G 2.5s		3	Green.	
	I Islands Channel						
390	- LIGHT 2	38-03-12.998N 122-04-16.292W	FIR 6s	20	4	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SUIS	SUN BAY (Chart 18656)		CALIFORNIA - Eleve	enth Distric	t		
Seal	Islands Channel	00.00.00.0041	FI O O	00	4	00	
6395	- LIGHT 3	38-03-22.094N 122-03-55.748W	FI G 6s	20	4	SG on pile.	
6400	- Daybeacon 4	38-03-14.497N 122-03-54.885W				TR on pile.	
6405	- Daybeacon 5	38-03-12.898N 122-03-22.296W				SG on pile.	
6410	- Daybeacon 6	38-03-07.586N 122-03-22.256W				TR on pile.	
6420	- Daybeacon 9	38-03-32.190N 122-02-21.723W				SG on pile.	
Suis	un Bay						
6425	- Channel Lighted Buoy 10	38-03-28.185N 122-04-17.416W	FI R 2.5s		3	Red.	
6433	POINT EDITH CROSSING RANGE FRONT LIGHT	38-03-55.100N 122-03-31.630W	QW	18		KRW on pile.	Visible all around; higher intensity on rangeline.
6434	POINT EDITH CROSSING RANGE REAR LIGHT 334 yards, 056.2° from front light.	38-04-00.607N 122-03-21.232W	Iso W 6s	30		KRW on Dolphin.	Visible all around; higher intensity on rangeline.
6440	- CHANNEL LIGHT 11	38-05-18.354N 121-44-29.603W	FI G 4s	16	4	SG on pile.	Ra ref.
6445	- Channel Lighted Buoy 12	38-03-46.995N 122-03-41.919W	FIR 4s		3	Red.	
6450	- Channel Lighted Buoy 13	38-03-59.209N 122-03-12.783W	QG		3	Green.	
6455	- Channel Lighted Buoy 14	38-03-54.701N 122-03-11.835W	QR		3	Red.	
6460	- Channel Lighted Buoy 15	38-04-00.287N 122-02-36.124W	FI G 4s		4	Green.	
6465	- CHANNEL LIGHT 16	38-03-55.904N 122-02-36.819W	FIR 4s	15	3	TR on pile.	Ra ref.
6467	- Channel Lighted Buoy 16A	38-03-47.764N 122-01-55.769W	FIR 6s		4	Red.	
6470	ROE ISLAND CHANNEL RANGE FRONT LIGHT	38-04-00.348N 122-02-48.011W	QW	23		KRW on pile.	Visible 10° on each side of the rangeline.
6475	ROE ISLAND CHANNEL RANGE REAR LIGHT 495 yards, 284.1° from front light.	38-04-03.921N 122-03-06.010W	Iso W 6s	36		KRW on Dolphin.	Visible 10° on each side of the rangeline.
6505	- Channel Lighted Buoy 17	38-03-44.223N 122-01-13.281W	FI G 2.5s		3	Green.	
6506	- Buoy A	38-03-49.972N 122-00-53.579W					Yellow can.
6507	- Buoy B	38-03-44.005N 122-00-20.030W					Yellow can.
6510	- Channel Lighted Buoy 19	38-03-37.792N 122-00-03.711W	QG		3	Green.	
6520	MIDDLE POINT LIGHT	38-03-17.643N 121-59-32.847W	FI W 4s	20	5	NR on pile	
6525	- Channel Lighted Buoy 20	38-03-33.648N 121-59-31.443W	FIR 4s		3	Red.	
6530	- Restricted Area Buoy A	38-03-21.324N 121-59-17.118W				Yellow nun.	
6535	- Channel Lighted Buoy 21	38-03-38.332N 121-58-58.044W	FI G 4s		4	Green.	
6540	- Channel Lighted Buoy 22	38-03-34.330N 121-58-58.158W	QR		3	Red.	
6542	- Channel Lighted Buoy 23	38-03-30.980N 121-57-45.165W	FI G 2.5s		3	Green.	
6555	- Channel Lighted Buoy 24	38-03-26.643N 121-57-46.425W	FI R 2.5s		3	Red.	

SUISUN BAY (Chart 18656) Suisun Bay 6557 - CHANNEL LIGHT 24A 38-03-18.310h 6570 - CHANNEL LIGHT 26 38-03-03.269h 6575 - CHANNEL LIGHT 27 38-03-11.580h 6580 - CHANNEL LIGHT 28 38-02-33.065h 6583.1 PITTSBURG PIER 38-02-34.960h 0BSTRUCTION LIGHT 1 121-53-39.970 6583.2 PITTSBURG PIER 38-02-35.320h 0BSTRUCTION LIGHT 2 121-53-35.730 6583.3 PITTSBURG PIER 38-02-35.270h 0BSTRUCTION LIGHT 3 121-53-33.150 6583.4 PITTSBURG PIER 38-02-35.290h 0BSTRUCTION LIGHT 4 121-53-30.820 6583.5 PITTSBURG PIER 38-02-34.350h 0BSTRUCTION LIGHT 5 121-53-26.520 6585 - Channel Lighted Buoy 30 38-02-39.317h 121-53-24.654 121-53-08.706 6590 New York Slough Lighted Buoy 38-02-40.325h NY 121-53-08.706	BW FIR 4s BW FIG 4s DW FIR 2.5s	15 16 20 20	3 3 4	TR on pile.	Ra ref.
Suisun Bay 6557 - CHANNEL LIGHT 24A 38-03-18.310h 121-57-15.596 6570 - CHANNEL LIGHT 26 38-03-03.269h 121-57-00.003 6575 - CHANNEL LIGHT 27 38-03-11.580h 121-56-06.726 6580 - CHANNEL LIGHT 28 38-02-33.065h 121-55-06.857 6583.1 PITTSBURG PIER	BW FIR 4s BW FIG 4s DW FIR 2.5s	16 20	3	·	Ra ref.
6557 - CHANNEL LIGHT 24A 38-03-18.310M 121-57-15.598 6570 - CHANNEL LIGHT 26 38-03-03.269M 121-57-00.003 6575 - CHANNEL LIGHT 27 38-03-11.580M 121-56-06.729 6580 - CHANNEL LIGHT 28 38-02-33.065M 121-55-06.857 6583.1 PITTSBURG PIER OBSTRUCTION LIGHT 1 38-02-34.960M 121-53-39.97 6583.2 PITTSBURG PIER OBSTRUCTION LIGHT 2 38-02-35.320M 121-53-35.73 6583.3 PITTSBURG PIER OBSTRUCTION LIGHT 3 38-02-35.270M 121-53-33.150 6583.4 PITTSBURG PIER OBSTRUCTION LIGHT 3 38-02-35.290M 121-53-30.820 6583.5 PITTSBURG PIER OBSTRUCTION LIGHT 4 38-02-34.350M 121-53-26.520 6585 - Channel Lighted Buoy 30 38-02-39.317M 121-53-24.654 6590 New York Slough Lighted Buoy 38-02-40.325M	BW FIR 4s BW FIG 4s DW FIR 2.5s	16 20	3	·	Ra ref.
121-57-00.003 6575 - CHANNEL LIGHT 27 38-03-11.580h 121-56-06.729 6580 - CHANNEL LIGHT 28 38-02-33.065h 121-55-06.857 6583.1 PITTSBURG PIER 38-02-34.960h 0BSTRUCTION LIGHT 1 121-53-39.970 6583.2 PITTSBURG PIER 38-02-35.320h 0BSTRUCTION LIGHT 2 121-53-35.730 6583.3 PITTSBURG PIER 38-02-35.270h 0BSTRUCTION LIGHT 3 121-53-33.150 6583.4 PITTSBURG PIER 38-02-35.290h 0BSTRUCTION LIGHT 4 121-53-30.820 6583.5 PITTSBURG PIER 38-02-34.350h 0BSTRUCTION LIGHT 4 121-53-26.520 6585 - Channel Lighted Buoy 30 38-02-39.317h 121-53-24.654 6590 New York Slough Lighted Buoy 38-02-40.325h	BW N FIG4s DW N FIR2.5s	20		TR on pile.	
6580 - CHANNEL LIGHT 28 38-02-33.065N 121-55-06.857 6583.1 PITTSBURG PIER OBSTRUCTION LIGHT 1 121-53-39.970 6583.2 PITTSBURG PIER OBSTRUCTION LIGHT 2 121-53-35.730 6583.3 PITTSBURG PIER OBSTRUCTION LIGHT 2 121-53-35.730 6583.4 PITTSBURG PIER OBSTRUCTION LIGHT 3 121-53-33.150 6583.5 PITTSBURG PIER OBSTRUCTION LIGHT 4 121-53-30.820 6583.5 PITTSBURG PIER OBSTRUCTION LIGHT 5 121-53-26.520 6585 - Channel Lighted Buoy 30 38-02-39.317N 121-53-24.654 6590 New York Slough Lighted Buoy 38-02-40.325N	9W N FIR 2.5s		4		
121-55-06.857 6583.1 PITTSBURG PIER 38-02-34.960N OBSTRUCTION LIGHT 1 121-53-39.970 6583.2 PITTSBURG PIER 38-02-35.320N OBSTRUCTION LIGHT 2 121-53-35.730 6583.3 PITTSBURG PIER 38-02-35.270N OBSTRUCTION LIGHT 3 121-53-33.150 6583.4 PITTSBURG PIER 38-02-35.290N OBSTRUCTION LIGHT 4 121-53-30.820 6583.5 PITTSBURG PIER 38-02-34.350N OBSTRUCTION LIGHT 5 121-53-26.520 6585 - Channel Lighted Buoy 30 38-02-39.317N 121-53-24.654 6590 New York Slough Lighted Buoy 38-02-40.325N		20		SG on white pile.	Ra ref.
OBSTRUCTION LIGHT 1 121-53-39.970 6583.2 PITTSBURG PIER 38-02-35.320N OBSTRUCTION LIGHT 2 121-53-35.730 6583.3 PITTSBURG PIER 38-02-35.270N OBSTRUCTION LIGHT 3 121-53-33.150 6583.4 PITTSBURG PIER 38-02-35.290N OBSTRUCTION LIGHT 4 121-53-30.820 6583.5 PITTSBURG PIER 38-02-34.350N OBSTRUCTION LIGHT 5 121-53-26.520 6585 - Channel Lighted Buoy 30 38-02-39.317N 121-53-24.654 6590 New York Slough Lighted Buoy 38-02-40.325N			3	TR on pile.	Higher intensity beam up and down channel.
OBSTRUCTION LIGHT 2 121-53-35.730 6583.3 PITTSBURG PIER 38-02-35.270N OBSTRUCTION LIGHT 3 121-53-33.150 6583.4 PITTSBURG PIER 38-02-35.290N OBSTRUCTION LIGHT 4 121-53-30.820 6583.5 PITTSBURG PIER 38-02-34.350N OBSTRUCTION LIGHT 5 121-53-26.520 6585 - Channel Lighted Buoy 30 38-02-39.317N 121-53-24.654 6590 New York Slough Lighted Buoy 38-02-40.325N				Obstruction, white, pier deck mounted.	Private aid.
OBSTRUCTION LIGHT 3 121-53-33.150 6583.4 PITTSBURG PIER 38-02-35.290N OBSTRUCTION LIGHT 4 121-53-30.820 6583.5 PITTSBURG PIER 38-02-34.350N OBSTRUCTION LIGHT 5 121-53-26.520 6585 - Channel Lighted Buoy 30 38-02-39.317N 121-53-24.654 6590 New York Slough Lighted Buoy 38-02-40.325N				Obstruction, white, pier deck mounted.	Private aid.
OBSTRUCTION LIGHT 4 121-53-30.820 6583.5 PITTSBURG PIER 38-02-34.350N OBSTRUCTION LIGHT 5 121-53-26.520 6585 - Channel Lighted Buoy 30 38-02-39.317N 121-53-24.654 6590 New York Slough Lighted Buoy 38-02-40.325N				Obstruction, white, pier deck mounted.	Private aid.
OBSTRUCTION LIGHT 5 121-53-26.520 6585 - Channel Lighted Buoy 30 38-02-39.317N 121-53-24.654 6590 New York Slough Lighted Buoy 38-02-40.325N				Obstruction, white, pier deck mounted.	Private aid.
121-53-24.654 6590 New York Slough Lighted Buoy 38-02-40.325N				Obstruction, white, pier deck mounted.	Private aid.
			4	Red.	
	,		3	Green and red bands.	
6595 - LIGHT 31 38-02-58.005N 121-53-15.518		15	4	SG on pile.	
6600 NEW YORK SLOUGH LIGHT 38-02-34.021N 2 121-53-11.672		20	4	TR on pile.	
Pittsburg Marina					
6602 - WEST BASIN LIGHT 1 38-02-26.880N 121-53-07.950		8		SG on pile.	Private aid.
6603 - WEST BASIN LIGHT 2 38-02-26.960N 121-53-08.800		8		TR on pile.	Private aid.
6605 - EAST BASIN LIGHT 1 38-02-11.070N 121-52-54.190		11		On breakwater.	Private aid.
6610 - EAST BASIN LIGHT 2 38-02-11.980N 121-52-55.440		11		On breakwater.	Private aid.
6615 - EAST BASIN LIGHT 4 38-02-10.500N 121-52-55.000		11		On breakwater.	Private aid.
New York Slough 6620 - LIGHT 3 38-02-15.864N 121-52-47.769		20	4	SG on pile.	
6623 - KOCH WEST LIGHT 38-01-56.460N 121-52-18.000	N FW	20		On dolphin.	Private aid.
6624 - KOCH EAST LIGHT 38-01-54.790N 121-52-13.750	N FW	20		On dolphin.	Private aid.
6625 - LIGHT 5 38-01-57.507N 121-52-04.355	N FI G 2.5s	18	4	SG on pile.	
6630 - LIGHT 7 38-01-55.059N 121-51-27.741		15	4	SG on pile.	
6635 - LIGHT 8 38-01-49.118N 121-51-14.229	N FI R 2.5s	20	4	TR on pile.	
6640 - LIGHT 10 38-01-37.048N 121-50-47.326	N FIR4s	15	3	TR on pile.	
6645 - LIGHT 11 38-01-42.117N 121-50-36.281	N FI G 2.5s	18	4	SG on pile.	
6645.5 Delta Diablo Outfall Lighted 38-01-36.520N Buoy 121-50-24.660	N FIW4s			White with orange bands.	Private aid.
6646 - Lighted Buoy 13 38-01-43.532N 121-50-00.821			3	Green.	
Suisun Bay					
6650 - LIGHT 33 38-03-39.896N 121-52-18.642					
6655 - LIGHT 34 38-03-29.702N 121-52-02.920		15	4	SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth District	i		
	SUN BAY Joaquin River						
6658	Broad Slough Dutra Mooring Buoy	38-03-04.000N 121-50-38.000W				Mooring Buoy.	Private aid.
6660	Point Beenar Daybeacon	38-01-50.457N 121-50-15.430W				NB on pile.	
6665	- Daybeacon 1	38-01-49.144N 121-49-47.332W					
6670	- LIGHT 2	38-01-37.227N 121-49-46.487W	FI R 2.5s	20	3	TR on pile.	
6675	- LIGHT 3	38-01-43.347N 121-49-29.917W	FI G 2.5s	16	3	SG on pile.	
6677	ANTIOCH MARINA ENTRANCE LIGHT 1	38-01-16.392N 121-49-16.442W	QG	11		On pile.	Private aid.
6678	ANTIOCH MARINA ENTRANCE LIGHT 2	38-01-16.000N 121-49-17.843W	QR	11		On pile.	Private aid.
6680	- LIGHT 5	38-01-26.003N 121-49-03.535W	FI G 4s	20	4	SG on pile.	Ra ref.
6685	- LIGHT 8	38-01-14.412N 121-48-24.177W	QR	15	3	TR on pile.	
6690	- LIGHT 7	38-01-20.868N 121-48-26.056W	FI G 4s	20	4	SG on pile.	
SAC	RAMENTO AND SAN JOAQUIN	RIVERS (Chart 1866	51)				
San 6691	Joaquin River Gaylord Turning Basin Daybeacon 3	38-01-03.000N 121-46-47.000W				SG on pile.	Private aid.
6692	Gaylord Turning Basin Daybeacon 5	38-01-07.000W 121-46-36.000W				SG on pile.	Private aid.
6693	Gaylord Turning Basin Daybeacon 7	38-01-09.000N 121-46-28.000W				SG on pile.	Private aid.
6695	- LIGHT 9	38-01-30.737N 121-47-27.454W	FI G 4s	20	4	SG on pile.	
6700	- LIGHT 11	38-01-46.688N 121-46-00.050W	FI G 4s	18	4	SG on pile.	
6705	- LIGHT 10	38-01-38.645N 121-46-10.579W	FIR 4s	15	3	TR on pile.	
6710	- Buoy 13	38-01-42.730N 121-45-13.672W				Green can.	
6715	- Buoy 14	38-01-37.775N 121-45-13.689W				Red nun.	
6717	ANTIOCH BRIDGE RACON Z	38-01-39.300N 121-45-04.900W					RACON: Z () Private aid.
0700	Mid span, center of channel.					0	
6720	- Buoy 15	38-01-42.430N 121-44-54.893W				Green can.	
6725	- Buoy 16	38-01-37.475N 121-44-54.890W				Red nun.	
6730	- LIGHT 17	38-01-44.912N 121-44-20.756W	FI G 4s	19	4	SG on pile.	
6733	- LIGHT 17A	38-02-00.117N 121-43-34.078W	FI G 2.5s	15	3	SG on pile.	
6735	- LIGHT 18	38-01-37.782N 121-44-14.036W	FIR 4s	15	3	TR on pile.	
6739	- LIGHT 18A	38-01-55.900N 121-43-12.429W	FIR 4s	25	4	TR on post.	
6740	- LIGHT 19	38-02-11.095N 121-42-26.422W	FI G 2.5s	15	3	SG on pile.	Ra ref.
6745	- LIGHT 21	38-02-29.168N 121-42-00.744W	FI G 6s	20	4	SG on pile.	
6750	- LIGHT 23	38-02-44.324N 121-41-47.324W	FI G 4s	15	4	SG on pile.	
6755	- LIGHT 24	38-03-07.263N 121-41-19.827W	FI R 2.5s	20	3	TR on white skeleton tower.	
6760	- LIGHT 25	38-03-37.615N 121-40-49.359W	FI G 2.5s	16	3	SG on pile.	

SACKAMENTO AND SAN JOAQUIN RIVERS (Chart 1864)	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Section Control Cont		DRAMENTO AND CAN ICACIUN	DIVEDO (Ob - + 4000)		enth Distric	i		
121-1031-148990 152-1031-1	San	Joaquin River	•					
1214-02-2870W File As 15 4 Ro no pile Ra ref.	6765	- LIGHT 26		FIR 4s	15	3	TR on pile.	
THREMILE SLOUGH LIGHT \$30,050,082 PIN FI G 4s 15 4 \$Compile Ra ref. 1214-10.0299W FI G 4s 15 4 \$Compile Ra ref. 1214-10.0299W FI G 4s 15 3 TR on pile Ra ref. 1214-10.0299W FI G 4s 15 3 TR on pile Ra ref. 1214-10.0299W FI G 4s 15 3 TR on pile Ra ref. 1214-10.0299W FI G 4s 15 4 \$Compile Ra ref. 1214-10.0299W FI G 4s 15 4 \$Compile Ra ref. 1214-10.0299W FI G 4s 15 4 \$Compile Ra ref. 1214-10.0299W FI G 4s 15 4 \$Compile Ra ref. 1214-10.0299W FI G 4s 15 3 \$Compile Ra ref. 1214-10.0299W FI G 2s 15 3 \$Compile Ra ref. 1214-10.0299W FI G 2s 15 3 \$Compile Ra ref. 1214-10.0299W FI G 2s 15 3 \$Compile Ra ref. 1214-10.0299W FI G 2s 15 3 \$Compile Ra ref. 1214-10.0299W FI G 4s 15 3 \$Compile Ra ref. 1214-10.0299W	6767	- LIGHT 27		FI G 4s	15	4	SG on pile.	Ra ref.
1	6770	- LIGHT 28		FIR 4s	15	4	TR on pile.	Ra ref.
1214-05-7.499W 1214-05-7.499W 1214-05-7.499W 1214-05-7.099W 1214-05-8.799W 1214-05-8.799W 1214-05-8.799W 1214-05-8.799W 1214-05-8.799W 1214-05-8.799W 1214-05-8.799W 1214-05-8.799W 1214-05-8.899W 1214	6775			FI G 4s	15	4	SG on pile.	
1740 16HT 32 38-05H-3010M 18 R 2.56 15	6780	- LIGHT 29		FI G 4s	15	4	SG on pile.	Ra ref.
1214-024-242W 15	6785	- LIGHT 30		FIR 4s	15	3	TR on pile.	
1214-0-08.887W FIG 4s 15 4 SG on pile.	6790	- LIGHT 32		FI R 2.5s	15	4	TR on pile.	
121-39-16-560W 121-39-16-560W FIR 45 15 3 TR on pile.	6795	- LIGHT 33		FI G 4s	15	4	SG on pile.	Ra ref.
121-39-15-903W 121-	6797	- LIGHT 33A		FI G 4s	15	4	SG on pile.	
121-38-56 642W 121-38-56 642W 121-38-56 6727W 121-38-36 727W 121-38-36 728W 121-37-36 428W 121	6800	- LIGHT 34		FIR 4s	15	3	TR on pile.	
121-38-36-727W Fi R 4s	6805	- LIGHT 35		FI G 2.5s	15	3	SG on pile.	Ra ref.
121-38-28,976W 121-38-29,976W 16 4s 15 4 SG on pile. Ra ref.	6810	- LIGHT 35A		FI G 6s	15	4	SG on pile.	Ra ref.
121-38-09 673W 121-38-09 673W 121-38-09 673W 121-37-38 10 121-37-38 11 121-37-38 11 121-37-38 121 121-37-38 121 121-37-38 121 121-37-38 1260W 121-37-38 1260W 121-37-38 1260W 121-37-38 1260W 121-37-38 1260W 121-36-57 344W 15 3 TR on pile. 121-36-57 344W 121-36-57 344W 15 4 SG on pile. 121-36-57 344W 121-36-67 389W 121-36-90 889W 121-36-90 889	6815	- LIGHT 36		FIR 4s	15	3	TR on pile.	Ra ref.
121-37-45.271W	6820	- LIGHT 37		FI G 4s	15		SG on pile.	Ra ref.
6830 LIGHT 39 38-06-07.659N 121-37-38-426W 15 G 4s 17 4 5 SG on pile. SG on pile. 6833 LIGHT 40 38-06-09.344N 121-36-57.344W 121-36-57.724W 121-36-57.024W 121-36-50.088W 121-36-60.088W 121-36-60.088W 121-36-60.088W 121-36-40.2399W 121-36-40.2399W 121-36-40.2399W 121-36-40.2399W 121-36-40.2399W 121-36-40.2399W 121-36-40.039W 121-36-40.039W 121-36-40.039W 121-36-40.039W 121-36-40.039W 121-36-50.189W 121-36-50.034W	6825	- LIGHT 38		FIR 6s	15		TR on pile.	Ra ref.
6833 - LIGHT 40 38-06-09.344N 121-36-67.344W FI R 4s 15 3 TR on pile. Ra ref. 6835 - LIGHT 41 38-06-19.510N 121-36-67.724W FI G 4s 15 4 SG on pile. Ra ref. 6840 - LIGHT 42 38-06-03.111N 121-36-09.689W FI R 4s 15 4 TR on pile. 6845 - LIGHT 43 38-06-04.218N 121-35-42.399W FI G 2.5s 18 3 SG on pile. Ra ref. 6850 - LIGHT 44 38-05-49.684N 121-35-42.399W FI G 2.5s 15 3 TR on pile. Ra ref. 6853 - LIGHT 45 38-05-56.482N 121-35-00.189W FI G 2.5s 15 3 TR on pile. Ra ref. 6855 - LIGHT 46 38-05-34.488N 121-34-37.056W PI G 4s 15 3 TR on pile. Ra ref. 6860 - LIGHT 49 38-05-34.488N 121-34-37.056W FI G 4s 15 4 SG on pile. Ra ref. 6870 - LIGHT 51 38-05-33.490N 121-34-34.421W FI G 4s 15 3 TR on pile.	6830	- LIGHT 39		FI G 4s	17		SG on pile.	
121-36-57.724W 121-36-57.724W 121-36-09.689W 15 4 TR on pile. 16845 16845 16845 16845 16845 16845 16845 16845 16845 16845 16845 16845 16845 16845 18	6833	- LIGHT 40	38-06-09.344N	FIR 4s	15	3	TR on pile.	
6845 - LIGHT 43 38-06-04,218N 121-35-42,399W FI G 2.5s 18 3 SG on pile. Ra ref. 6850 - LIGHT 44 38-05-49,684N 121-35-14,043W FI R 2.5s 15 3 TR on pile. Ra ref. 6853 - LIGHT 45 38-05-56,482N 121-35-00,189W FI G 2.5s 15 3 SG on pile. Ra ref. 6855 - LIGHT 46 38-05-36,306N 121-34-53,163W Q R 15 3 TR on pile. Ra ref. 6857 - LIGHT 48 38-05-34,488N 121-34-53,163W FI R 4s 15 3 TR on pile. Ra ref. 6860 - LIGHT 49 38-05-34,488N 121-34-25,034W FI G 4s 15 4 SG on pile. Ra ref. 6865 - LIGHT 47 38-05-34,197N 121-34-25,034W Q G 15 4 SG on pile. Ra ref. 6860 - LIGHT 51 38-05-03,490N 121-34-18,090W FI G 2.5s 15 3 SG on pile. Ra ref. 6872 - LIGHT 52 38-05-01,917N 121-34-18,009W FI R 4s 15 3 TR on pile. Ra ref. 6875 - LIGHT 53 38-04-34,262N 121-34-06,672W FI R 2.5s 15 4 SG on pile. Ra ref. 6885 - LIGHT 54 38-04-34,262N 121-34-06,254W FI R 2.5s 15 3 TR on pile.	6835	- LIGHT 41		FI G 4s	15	4	SG on pile.	Ra ref.
6850 - LIGHT 44 38-05-49.684N 121-35-14.043W FI R 2.5s 15 3 TR on pile. Ra ref. 6853 - LIGHT 45 38-05-56.482N 121-35-00.189W FI G 2.5s 15 3 SG on pile. Ra ref. 6855 - LIGHT 46 38-05-46.306N 121-34-53.163W Q R 15 3 TR on pile. Ra ref. 6857 - LIGHT 48 38-05-34.488N 121-34-37.056W FI R 4s 15 3 TR on pile. Ra ref. 6860 - LIGHT 49 38-05-30.544N 121-34-25.034W FI G 4s 15 4 SG on pile. Ra ref. 6865 - LIGHT 47 38-05-30.441 197N 121-34-25.034W Q G 15 4 SG on pile. Ra ref. 6870 - LIGHT 51 38-05-30.490N 121-34-421W FI G 2.5s 15 3 SG on pile. Ra ref. 6872 - LIGHT 52 38-05-01.917N 121-34-28.776W FI G 4s 15 3 TR on pile. Ra ref. 6875 - LIGHT 53 38-04-48.474N 121-34-09.672W FI G 4s 15 3 TR on pile. Ra ref. 6880 - LIGHT 54 38-04-32.6254W <td>6840</td> <td>- LIGHT 42</td> <td></td> <td>FIR 4s</td> <td>15</td> <td>4</td> <td>TR on pile.</td> <td></td>	6840	- LIGHT 42		FIR 4s	15	4	TR on pile.	
121-35-14.043W 121-35-01.189W FI G 2.5s 15 3 SG on pile. Ra ref.	6845	- LIGHT 43		FI G 2.5s	18	3	SG on pile.	Ra ref.
6855 - LIGHT 46 38-05-46.306N 121-34-53.163W Q R 15 3 TR on pile. Ra ref. 6857 - LIGHT 48 38-05-34.488N 121-34-37.056W FI R 4s 15 3 TR on pile. Ra ref. 6860 - LIGHT 49 38-05-30.544N 121-34-25.034W FI G 4s 15 4 SG on pile. 6865 - LIGHT 47 38-05-44.197N 121-34-34.421W Q G 15 4 SG on pile. Ra ref. 6870 - LIGHT 51 38-05-03.490N 121-34-28.090W FI G 2.5s 15 3 SG on pile. Ra ref. 6872 - LIGHT 52 38-05-01.917N 121-34-28.776W FI R 4s 15 3 TR on pile. Ra ref. 6875 - LIGHT 53 38-04-48.474N 121-34-09.672W FI G 4s 15 4 SG on pile. SG on pile. 6880 - LIGHT 54 38-04-34.262N 121-34-06.254W FI R 2.5s 15 3 TR on pile. TR on pile. 6885 - LIGHT 55 38-04-33.522N FI G 4s 15 4 SG on column.	6850	- LIGHT 44		FI R 2.5s	15	3	TR on pile.	Ra ref.
6857 - LIGHT 48 38-05-34.488N 121-34-37.056W FI R 4s 15 3 TR on pile. Ra ref. 6860 - LIGHT 49 38-05-30.544N 121-34-25.034W FI G 4s 15 4 SG on pile. 6865 - LIGHT 47 38-05-44.197N 121-34-34.421W Q G 15 4 SG on pile. Ra ref. 6870 - LIGHT 51 38-05-03.490N 121-34-19.809W FI G 2.5s 15 3 SG on pile. Ra ref. 6872 - LIGHT 52 38-05-01.917N 121-34-28.776W FI R 4s 15 3 TR on pile. Ra ref. 6875 - LIGHT 53 38-04-48.474N 121-34-09.672W FI G 4s 15 4 SG on pile. SG on pile. 6880 - LIGHT 54 38-04-34.262N 121-34-06.254W FI R 2.5s 15 3 TR on pile. TR on pile. 6885 - LIGHT 55 38-04-33.522N FI G 4s 15 4 SG on column.	6853	- LIGHT 45		FI G 2.5s	15	3	SG on pile.	Ra ref.
6860 - LIGHT 49 38-05-30.544N 121-34-25.034W FI G 4s 15 4 SG on pile. 6865 - LIGHT 47 38-05-44.197N 121-34-34.421W Q G 15 4 SG on pile. Ra ref. 6870 - LIGHT 51 38-05-03.490N 121-34-19.809W FI G 2.5s 15 3 SG on pile. Ra ref. 6872 - LIGHT 52 38-05-01.917N 121-34-28.776W FI R 4s 15 3 TR on pile. Ra ref. 6875 - LIGHT 53 38-04-48.474N 121-34-09.672W FI G 4s 15 4 SG on pile. 6880 - LIGHT 54 38-04-34.262N 121-34-06.254W FI R 2.5s 15 3 TR on pile. 6885 - LIGHT 55 38-04-33.522N FI G 4s 15 4 SG on column.	6855	- LIGHT 46		QR	15	3	TR on pile.	Ra ref.
6865 - LIGHT 47 38-05-44.197N 121-34-34.421W Q G 15 4 SG on pile. Ra ref. 6870 - LIGHT 51 38-05-03.490N 121-34-19.809W FI G 2.5s 15 3 SG on pile. Ra ref. 6872 - LIGHT 52 38-05-01.917N 121-34-28.776W FI R 4s 15 3 TR on pile. Ra ref. 6875 - LIGHT 53 38-04-48.474N 121-34-09.672W FI G 4s 15 4 SG on pile. 6880 - LIGHT 54 38-04-34.262N 121-34-06.254W FI R 2.5s 15 3 TR on pile. 6885 - LIGHT 55 38-04-33.522N FI G 4s 15 4 SG on column.	6857	- LIGHT 48		FIR 4s	15	3	TR on pile.	Ra ref.
6870 - LIGHT 51 38-05-03.490N 121-34-19.809W FI G 2.5s 15 3 SG on pile. Ra ref. 6872 - LIGHT 52 38-05-01.917N 121-34-28.776W FI R 4s 15 3 TR on pile. Ra ref. 6875 - LIGHT 53 38-04-48.474N 121-34-09.672W FI G 4s 15 4 SG on pile. 6880 - LIGHT 54 38-04-34.262N 121-34-06.254W FI R 2.5s 15 3 TR on pile. 6885 - LIGHT 55 38-04-33.522N FI G 4s 15 4 SG on column.	6860	- LIGHT 49		FI G 4s	15	4	SG on pile.	
6872 - LIGHT 52 38-05-01.917N 121-34-28.776W FI R 4s 15 3 TR on pile. Ra ref. 6875 - LIGHT 53 38-04-48.474N 121-34-09.672W FI G 4s 15 4 SG on pile. 6880 - LIGHT 54 38-04-34.262N 121-34-06.254W FI R 2.5s 15 3 TR on pile. 6885 - LIGHT 55 38-04-33.522N FI G 4s 15 4 SG on column.	6865	- LIGHT 47		QG	15	4	SG on pile.	Ra ref.
6875 - LIGHT 53 38-04-48.474N 121-34-09.672W FI G 4s 15 4 SG on pile. G SG on pile. G 6880 - LIGHT 54 38-04-34.262N 121-34-06.254W FI R 2.5s 15 3 TR on pile. G 6885 - LIGHT 55 38-04-33.522N FI G 4s 15 4 SG on column.	6870	- LIGHT 51		FI G 2.5s	15	3	SG on pile.	Ra ref.
121-34-09.672W G G G G G G G G G	6872	- LIGHT 52		FIR 4s	15	3	TR on pile.	Ra ref.
6880 - LIGHT 54 38-04-34.262N FI R 2.5s 15 3 TR on pile. 6885 - LIGHT 55 38-04-33.522N FI G 4s 15 4 SG on column.	6875	- LIGHT 53		FI G 4s	15		SG on pile.	
6885 - LIGHT 55 38-04-33.522N FI G 4s 15 4 SG on column.	6880	- LIGHT 54		FI R 2.5s	15		TR on pile.	
	6885	- LIGHT 55	38-04-33.522N	FI G 4s	15	4	SG on column.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
040	DAMENTO AND CAN ICACIUN	DIVEDO (Ob+ 4000	CALIFORNIA - Eleve	enth Distric	t		
	RAMENTO AND SAN JOAQUIN Joaquin River	RIVERS (Chart 1866	1)				
6890	- LIGHT 56	38-04-06.090N 121-33-40.482W	FIR 4s	15	3	TR on pile.	
6891.1	- LIGHT 57	38-04-07.553N 121-33-31.815W	FI G 4s	15	3	SG on pile.	
6895	- LIGHT 59	38-03-38.699N 121-33-19.830W	FI G 4s	15	4	SG on pile.	Ra ref.
6900	- LIGHT 58	38-03-30.796N 121-33-24.514W	QR	15	3	TR on pile.	
Stoc	kton Channel						
6905	- RANGE B FRONT LIGHT	38-03-11.185N 121-30-32.687W	QW	21		KRW on white column.	Visible all around; higher intensit on the rangeline.
6910	- RANGE B REAR LIGHT 275 yards, 098.3° from front light.	38-03-10.013N 121-30-22.478W	Iso W 6s	35		KRW on white column.	Visible all around; higher intensit on the rangeline.
6913	- LIGHT 1	38-03-29.822N 121-32-47.641W	FI G 4s	15	4	SG on pile.	Ra ref.
6915	- LIGHT 2	38-03-24.796N 121-32-48.511W	FIR 4s	16	3	TR on pile.	Ra ref.
6920	- LIGHT 3	38-03-22.436N 121-31-50.480W	FI G 4s	30	4	SG on pile.	
6925	- LIGHT 4	38-03-16.862N 121-31-46.298W	FIR 4s	19	3	TR on pile.	Ra ref.
6930	- LIGHT 5	38-03-17.154N 121-30-56.239W	FI G 4s	25	4	SG on pile.	
6935	- LIGHT 6	38-03-11.686N 121-30-57.281W	FIR 4s	22	4	TR on pile.	
6940	- LIGHT 8	38-03-06.165N 121-30-34.565W	FIR 4s	20	4	TR on pile.	
6945	- LIGHT 9	38-02-52.425N 121-30-10.270W	FI G 4s	15	4	SG on pile.	
6950	- LIGHT 10	38-02-50.388N 121-30-14.520W	FIR 4s	16	4	TR on pile.	
6955	- LIGHT 11	38-02-35.797N 121-29-54.063W	FI G 4s	22	4	SG on pile.	
6960	- LIGHT 12	38-02-32.530N 121-29-56.919W	FIR 4s	24	4	TR on pile.	
6965	- RANGE C FRONT LIGHT	38-02-42.042N 121-30-08.561W	Q W	22		KRW on Dolphin.	Visible all around; higher intensit on rangeline.
6970	 RANGE C REAR LIGHT 310 yards, 306° from front light. 	38-02-47.489N 121-30-17.918W	Iso W 6s	39		KRW on Dolphin.	Visible all around; higher intensity on rangeline.
6975	- LIGHT 13	38-02-03.951N 121-28-59.167W	FI G 4s	19	4	SG on pile.	
6980	- LIGHT 14	38-02-00.662N 121-29-02.314W	FIR 4s	20	4	TR on pile.	
6985	- LIGHT 16	38-01-32.392N 121-28-13.231W	FIR 4s	17	4	TR on pile.	
6990	- LIGHT 18	38-01-18.736N 121-27-58.200W	FIR 4s	16	4	TR on pile.	
6995	- RANGE D FRONT LIGHT	38-01-33.373N 121-28-05.670W	QW	28		KRW on pile.	Visible all around; higher intensit on rangeline.
7000	 RANGE D REAR LIGHT 603 yards, 330° from front light. 	38-01-48.718N 121-28-17.255W	Iso W 6s	40		KRW on Dolphin.	Visible all around; higher intensity on rangeline.
7005	- RANGE E FRONT LIGHT	38-01-24.325N 121-27-55.428W	QG	23		KRW on pile.	Visible all around; higher intensit on rangeline.
7010	- RANGE E REAR LIGHT 166 yards, 126° from front light.	38-01-21.404N 121-27-50.421W	Iso G 6s	35		KRW on Dolphin.	Visible all around; higher intensity on the rangeline.
7015	ACKER ISLAND LIGHT	37-59-51.737N 121-26-49.028W	QW	29	5	NR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
840	PAMENTO AND SAN IOAOUNI	DIVERS (Chart 1866	CALIFORNIA - Elev	enth Distric	t		
	RAMENTO AND SAN JOAQUIN I	KIVERS (Chart 1000	1)				
7020	- LIGHT 19	38-00-41.246N 121-27-22.454W	FI G 4s	20	4	SG on pile.	
7025	- LIGHT 20	38-00-38.098N 121-27-27.334W	FIR 4s	20	4	TR on pile.	
7030	- LIGHT 21	38-00-07.708N 121-26-57.690W	FI G 4s	19	4	SG on pile.	
7035	- LIGHT 22	38-00-04.489N 121-27-02.010W	FIR 4s	20	4	TR on pile.	
7040	- LIGHT 23	37-59-52.381N 121-26-38.213W	FI G 4s	25	4	SG on pile.	
7045	- LIGHT 24	37-59-48.814N 121-26-41.874W	FIR 4s	25	4	TR on pile.	
7050	- LIGHT 25	37-59-44.349N 121-26-22.842W	FI G 4s	20	4	SG on pile.	
7055	- LIGHT 26	37-59-40.188N 121-26-25.754W	FIR 4s	24	4	TR on pile.	
7060	- LIGHT 27	37-59-40.180N 121-25-57.292W	FI G 4s	20	4	SG on pile.	
7065	- LIGHT 28	37-59-34.847N 121-25-57.379W	FIR 4s	15	3	TR on pile.	
7070	- LIGHT 29	37-59-43.176N 121-25-33.483W	FI G 4s	20	4	SG on pile.	
7075	- LIGHT 30	37-59-39.112N 121-25-32.780W	FIR 4s	25	4	TR on pile.	
7080	- LIGHT 31	37-59-44.714N 121-25-05.127W	FI G 4s	20	4	SG on pile.	
7085	- LIGHT 32	37-59-40.940N 121-25-05.238W	FIR 4s	20	3	TR on pile.	
7090	- LIGHT 33	37-59-40.959N 121-24-46.873W	FI G 4s	20	4	SG on pile.	
7095	- LIGHT 34	37-59-36.611N 121-24-49.924W	FIR 4s	25	4	TR on pile.	
7100	- RANGE H FRONT LIGHT	37-59-05.650N 121-23-19.636W	QG	26		KRW on pile.	Visible all around; higher intensit on the rangeline.
7105	 RANGE H REAR LIGHT 460 yards, 115.0° from front light. 	37-59-00.103N 121-23-04.755W	Iso G 6s	43		KRW on skeleton tower.	Visible all around; higher intensition the rangeline.
7110	- LIGHT 36	37-59-11.354N 121-23-39.045W	FIR 4s	20	4	TR on pile.	
7115	- LIGHT 38	37-59-00.693N 121-23-21.547W	FIR 4s	20	3	TR on pile.	
7120	- RANGE J FRONT LIGHT	37-59-12.016N 121-23-31.883W	QW	21		KRW on pile.	Visible all around; higher intensit on the rangeline.
7125	 RANGE J REAR LIGHT 507 yards, 317.5° from front light. 	37-59-23.971N 121-23-45.734W	Iso W 6s	57		KRW on skeleton tower.	Visible all around; higher intensit on the rangeline.
7130	- LIGHT 39	37-58-42.743N 121-22-54.692W	FI G 4s	20	4	SG on pile.	
7135	- LIGHT 40	37-58-36.841N 121-22-53.828W	FIR 4s	20	3	TR on pile.	
7140	- LIGHT 41	37-58-09.165N 121-22-16.262W	FI G 4s	20	4	SG on pile.	
7145	- LIGHT 42	37-58-06.907N 121-22-19.619W	FIR 4s	20	3	TR on pile.	
7150	- LIGHT 43	37-57-32.966N 121-21-31.820W	FI G 4s	20	4	SG on pile.	
7155	- LIGHT 45	37-57-26.785N 121-21-14.743W	FI G 4s	15	4	SG on pile.	
7160	STOCKTON ROD & GUN CLUB LIGHT	37-57-15.000N 121-20-38.100W	FG	10		Pile on dock.	Private aid.
7165	- LIGHT 48	37-57-05.771N 121-20-16.629W	FIR 4s	20	4	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SAC	RAMENTO AND SAN JOAQUIN		CALIFORNIA - Elev	enth Distric	t		
Stoc	kton Channel	·	-				B
7167.1	USGS WEATHER MONITORING POLE C	37-56-31.380N 121-31-56.640W	FY			Lighted Piling, 24" "DANGER" Dayboard.	Private aid.
7167.2	USGS WEATHER MONITORING POLE D	37-56-32.170N 121-32-01.320W	FY			Lighted Piling, 24" "DANGER" Dayboard.	Private aid.
7167.3	USGS WEATHER MONITORING POLE A	37-58-09.080N 121-34-21.360W	FY			Lighted Piling, 24" "DANGER" Dayboard.	Private aid.
7167.4	USGS WEATHER MONITORING POLE B	37-58-09.080N 121-34-26.760W	FY			Lighted Piling, 24" "DANGER" Dayboard.	Private aid.
7167.5	USGS WEATHER MONITORING POLE F	38-00-47.100N 121-40-15.850W	FY			Lighted Piling, 24" "DANGER" Dayboard.	Private aid.
7167.6	USGS WEATHER MONITORING POLE E	38-06-30.670N 121-34-37.990W	FY			Lighted Piling, 24" "DANGER" Dayboard.	Private aid.
7167.7	USGS WEATHER MONITORING POLE G	38-13-19.640N 121-29-35.700W	FY			Lighted Piling, 24" "DANGER" Dayboard.	Private aid.
SUIS	SUN BAY					•	
	amento River Deep Water Ship (- LIGHT 1	Channel 38-03-53.844N 121-51-03.951W	FI G 4s	15	4	SG on pile.	
7175	- Lighted Buoy 2 50 feet outside channel limit.	38-03-46.997N	FIR 4s		3	Red.	
7180	- LIGHT 3	38-03-58.214N 121-50-34.645W	FI G 2.5s	15	3	SG on pile.	Ra ref.
7185	- LIGHT 5	38-03-56.810N 121-50-09.008W	FI G 2.5s	15	3	SG on pile.	
7190	- LIGHT 6	38-03-51.276N 121-50-06.445W	FI R 2.5s	15	3	TR on pile.	Ra ref.
7195	- LIGHT 7	38-03-44.163N 121-48-31.775W	FI G 4s	15	4	SG on pile.	Ra ref.
7200	- LIGHT 8	38-03-34.529N 121-48-30.748W	FIR 4s	15	4	TR on pile.	
SAC	RAMENTO AND SAN JOAQUIN	RIVER (Chart 18661)					
Sacr 7205	amento River Deep Water Ship (- Lighted Buoy 9	Channel 38-03-41.168N 121-47-57.919W	FI G 4s		4	Green.	
7210	- LIGHT 10	38-03-35.060N 121-47-59.701W	FI R 2.5s	15	3	TR on pile.	Ra ref.
7215	- LIGHT 11	38-03-51.573N 121-47-38.183W	FI G 6s	20	4	SG on pile.	Ra ref.
7220	- LIGHT 12	38-03-44.841N 121-47-32.132W	FIR 6s	15	4	TR on pile.	
7225	- LIGHT 13	38-04-40.585N 121-46-02.311W	FI G 2.5s	15	4	SG on pile.	
7230	- LIGHT 14	38-04-35.011N 121-45-57.523W	FI R 2.5s	15	4	TR on pile.	
7235	- LIGHT 15	38-05-23.489N 121-44-33.604W	FI G 4s	15	4	SG on pile.	
7240	- LIGHT 16	38-05-18.354N 121-44-29.603W	FIR 4s	15	4	TR on pile.	Ra ref.
7245	- LIGHT 17	38-05-39.123N 121-44-11.681W	FI G 6s	15	4	SG on pile.	Ra ref.
7250	- LIGHT 18	38-05-34.431N 121-44-06.842W	FIR 6s	15	4	TR on pile.	Ra ref.
7255	- LIGHT 19	38-06-47.448N 121-42-36.848W	FI G 4s	15	4	SG on pile.	
7260	- LIGHT 20	38-06-42.664N 121-42-32.631W	FIR 4s	15	4	TR on pile.	
7265	- LIGHT 21	38-07-01.507N 121-42-20.906W	FI G 2.5s	15	3	SG on pile.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth Distric	İ		
	RAMENTO AND SAN JOAQUIN ramento River Deep Water Ship						
7270	- LIGHT 22	38-06-57.818N 121-42-15.121W	FI R 2.5s	15	3	TR on pile.	Ra ref.
275	- LIGHT 23	38-07-28.608N 121-41-57.474W	FI G 6s	15	4	SG on pile.	Ra ref.
280	- LIGHT 24	38-07-26.732N 121-41-49.741W	FI R 2.5s	15	4	TR on pile.	
'285	- LIGHT 25	38-08-00.260N 121-41-42.877W	FI G 4s	15	4	SG on pile.	Ra ref.
'290	- LIGHT 26	38-07-59.155N 121-41-36.445W	FIR 4s	15	4	TR on pile.	
7295	- LIGHT 27	38-08-57.754N 121-41-26.154W	FI G 2.5s	15	4	SG on pile	
7305	- LIGHT 28	38-08-56.570N 121-41-20.187W	FI R 2.5s	15	4	TR on post.	
7310	- LIGHT 29	38-09-13.637N 121-41-20.392W	FI G 4s	15	4	SG on pile.	Ra ref.
315	- LIGHT 30	38-09-11.795N 121-41-13.207W	FIR 4s	15	4	TR on pile.	
7320	- LIGHT 32	38-09-19.181N 121-41-08.848W	QR	15	3	TR on pile.	Ra ref.
7325	- Buoy 34	38-09-26.854N 121-41-04.193W				Red nun.	
7330	Rio Vista Bridge Fog Signal	38-09-34.200N 121-41-04.600W					HORN (2): 1 blast ev 20s (3s bl Horns sound simulataneously. Operated only upon request. Private aid.
7331	RIO VISTA BRIDGE RACON T Mid-span, center of channel.	38-09-33.200N 122-41-02.400W					RACON: T (-) Private aid.
7335	- LIGHT 36	38-09-52.956N 121-40-41.291W	FI R 2.5s	15	3	TR on pile.	Ra ref.
'340	- Buoy 35	38-09-36.573N 121-41-01.813W				Green can.	
SUIS	SUN BAY						
Sacr 7345	ramento River Deep Water Ship - LIGHT 36A	Channel 38-10-19.397N 121-40-16.843W	FIR 4s	15	3	TR on pile.	
	RAMENTO AND SAN JOAQUIN	RIVER (Chart 18661)	1				
Sacr 7350	ramento River Deep Water Ship - LIGHT 37	Channel 38-10-41.641N 121-40-09.340W	FI G 4s	15	4	SG on pile.	Ra ref.
355	- LIGHT 39	38-11-09.699N 121-39-44.617W	FI G 4s	25	4	SG on pile.	
'360	- LIGHT 40	38-11-18.651N 121-39-30.877W	FIR 4s	25	4	TR on pile.	
7365	- LIGHT 41	38-11-38.484N 121-39-28.799W	FI G 4s	15	4	SG on pile.	Ra ref.
370	- LIGHT 42	38-11-52.921N 121-39-20.588W	FIR 4s	25	4	TR on pile.	
375	- LIGHT 43	38-12-17.576N 121-39-35.635W	FI G 4s	25	4	SG on pile.	
7380	- LIGHT 44	38-12-43.563N 121-39-49.459W	FIR 4s	25	4	TR on pile.	
'385	- LIGHT 45	38-12-58.604N 121-40-16.211W	FI G 4s	25	4	SG on pile.	
7390	- LIGHT 46	38-13-02.356N 121-40-07.967W	FIR 4s	25	4	TR on pile.	
	SUN BAY						
Sacr 7392	ramento River Deep Water Ship USGS WEATHER MONITORING POLE H	Channel 38-13-00.850N 121-30-20.450W	FY			Lighted Piling, 24" "DANGER"	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SAC	RAMENTO AND SAN JOAQUIN		CALIFORNIA - Eleve	enth District	i		
	ramento River Deep Water Ship (- LIGHT 47		FI G 4s	15	4	SG on pile	
7400	- LIGHT 48	38-13-24.190N 121-40-20.654W	FIR 4s	25	4	TR on pile.	
7405	- LIGHT 49	38-13-42.270N 121-40-32.629W	QG	15	3	SG on Dolphin.	
7410	- LIGHT 49A	38-14-00.221N 121-40-30.079W	FI G 4s	15	3	SG on pile.	Ra ref.
7415	- LIGHT 50	38-13-43.723N 121-40-25.096W	FIR 4s	12	3	TR on pile.	
7420	- LIGHT 51	38-14-14.692N 121-40-26.155W	QG	25	4	SG on pile.	
7425	- LIGHT 52	38-14-13.488N 121-40-19.833W	QR	25	4	TR on pile.	
	RAMENTO RIVER (Chart 18662)	01					
7430	ramento River Deep Water Ship (- LIGHT 53	38-15-23.239N 121-40-05.227W	FI G 4s	25	4	SG on pile.	
7435	- LIGHT 54	38-15-21.530N 121-39-58.961W	FIR 4s	15	4	TR on pile.	
7440	- LIGHT 55	38-16-32.802N 121-39-43.790W	FI G 4s	25	4	SG on pile.	
7445	- LIGHT 56	38-16-31.516N 121-39-37.625W	FIR 4s	25	4	TR on pile.	
7450	- LIGHT 57	38-18-24.259N 121-39-17.407W	FI G 4s	23	4	SG on pile.	
7455	- LIGHT 58	38-18-23.339N 121-39-11.058W	FIR 4s	25	4	TR on pile.	
7460	- RANGE A FRONT LIGHT 59	38-20-00.838N 121-38-54.343W	Q W	26		KRW on piles; SG facing downstream.	Light changes to Q G when abeam proceeding upstream. Higher intensity on leading line.
7465	 RANGE A REAR LIGHT 536 yards, 200.1° from front light. 	38-19-45.922N 121-39-01.266W	Iso W 6s	41		KRW on pile.	Visible 5° each side of rangeline.
7470	- LIGHT 60	38-19-59.738N 121-38-47.874W	FIR 4s	25	4	TR on pile.	
7475	- RANGE B FRONT LIGHT 61	38-20-31.197N 121-38-43.787W	Q W	27		KRW on pile; SG facing upstream.	Light changes to Q G when abeam proceeding downstream. Higher intensity on leading line.
7480	 RANGE B REAR LIGHT 614 yards, 010.6° from front light. 	38-20-49.094N 121-38-39.520W	Iso W 6s	38		KRW on pile.	Visible 5° each side of rangeline.
7485	- LIGHT 62	38-20-29.433N 121-38-37.641W	FIR 4s	25	4	TR on pile.	
7490	- LIGHT 63	38-22-24.915N 121-37-50.719W	FI G 4s	19	4	SG on pile.	
7495	- LIGHT 64	38-22-23.283N 121-37-44.656W	FIR 4s	19	4	TR on pile.	
7500	- LIGHT 65	38-24-18.115N 121-37-00.267W	FI G 4s	18	4	SG on pile.	
7505	- LIGHT 66	38-24-16.044N 121-36-52.638W	FIR 4s	18	4	TR on pile.	
7515	- LIGHT 68	38-26-08.801N 121-36-00.671W	FIR 4s	18	3	TR on pile.	
7520	- LIGHT 69	38-28-12.119N 121-35-10.232W	FI G 4s	18	4	SG on pile.	
7525	- RANGE C FRONT LIGHT 70	38-28-10.369N 121-35-03.982W	QW	21		KRW on pile; TR facing downstream.	Light changes to Q R when abeam proceeding upstream. Higher intensity W on leading line.
7530	- RANGE C REAR LIGHT 394 yards, 179.9° from front light.	38-27-58.674N 121-35-03.952W	Iso W 6s	47		KRW on pile.	Visible 5° each side of rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Elev	enth Distric	t		
	CRAMENTO RIVER (Chart 18662) ramento River Deep Water Ship (
7535	- LIGHT 71	38-28-25.307N 121-35-00.672W	FI G 4s	18	4	SG on pile.	
7540	- LIGHT 72	38-28-25.303N 121-35-00.625W	FI R 2.5s	23	4	KRW on pile; TR facing upstream.	
7541	- RANGE D FRONT LIGHT	38-28-25.283N 121-35-00.665W	QW	23		KRW on pile; TR facing upstream.	Visible 4° each side of rangeline. Passing light FI R 2.5s.
7545	 RANGE D REAR LIGHT 712 yards, 020.1° from front light. 	38-28-45.110N 121-34-51.448W	Iso W 6s	55		KRW on pile.	Visible 5° each side of rangeline.
7550	- LIGHT 73	38-30-22.450N 121-35-07.769W	FI G 4s	22	4	SG on pile.	
7555	- LIGHT 74	38-30-22.495N 121-35-00.994W	FIR 4s	22	4	TR on pile.	
7560	- LIGHT 75	38-32-15.367N 121-35-08.152W	FI G 4s	22	4	SG on pile.	
7565	- LIGHT 76	38-32-15.261N 121-35-01.267W	FIR 4s	22	4	TR on pile.	
7570	- RANGE E FRONT LIGHT 77	38-32-38.407N 121-35-04.760W	QW	22		KRW on pile; SG facing upstream.	Visible all around; higher intensity on rangeline.
7575	 RANGE E REAR LIGHT 362 yards, 359.8° from front light. 	38-32-49.137N 121-35-04.804W	Iso W 6s	45		KRW on pile.	Visible all around; higher intensity on the rangeline.
7580	- LIGHT 79	38-32-48.052N 121-35-01.098W	FI G 4s	22	4	SG on pile.	
7585	- LIGHT 80	38-32-46.228N 121-34-54.772W	FI R 2.5s	22	4	TR on pile.	
7590	- LIGHT 81	38-33-16.563N 121-34-39.379W	FI G 4s	22	4	SG on pile.	
7595	- LIGHT 82	38-33-13.006N 121-34-34.369W	QR	22	3	TR on pile.	
7600	- LIGHT 83	38-33-36.008N 121-34-04.805W	FI G 4s	22	4	SG on pile.	
7605	- LIGHT 84	38-33-31.389N 121-34-02.294W	FIR 4s	22	4	TR on pile.	
7610	- LIGHT 85	38-33-43.013N 121-33-24.610W	FI G 4s	22	4	SG on pile.	
7615	- LIGHT 86	38-33-37.881N 121-33-23.446W	FIR 4s	22	4	TR on pile.	
SAC	CRAMENTO AND SAN JOAQUIN	RIVER (Chart 18661)				
Sac i 7620	ramento River - LIGHT 2	38-10-38.112N 121-39-53.292W	QR	15	3	TR on pile.	
7625	- LIGHT 1	38-10-40.721N 121-39-49.353W	FI G 4s	30	4	SG on pile.	
7645	- LIGHT 4	38-11-33.988N 121-33-55.841W	FIR 4s	15	3	TR on pile.	
SAC	CRAMENTO RIVER (Chart 18662)						
	ramento River	00 44 00 0401	F130/ 4s			0 '8 W-:	Deliverte elid
7650.1	Georgiana Slough Fish Barrier Warning Buoy 9	121-31-08.630W	FI W 4s			Swift Water Warning Buoy, White w/ Orange Diamond.	Private aid.
7650.2	Georgiana Slough Fish Barrier Warning Buoy 10	38-14-21.970N 121-31-08.480W	FI W 4s			Swift Water Warning Buoy, White w/ Orange Diamond.	Private aid.
7650.3	Georgiana Slough Fish Barrier Warning Buoy 7	38-14-20.610N 121-31-03.410W	FI W 4s			Swift Water Warning Buoy, White w/ Orange Diamond.	Private aid.
7650.4	Georgiana Slough Fish Barrier Warning Buoy 8	38-14-20.360N 121-31-01.870W	FI W 4s			Swift Water Warning Buoy, White w/ Orange Diamond.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SAC	RAMENTO RIVER (Chart 18662)		CALIFORNIA - Elev	enth Distric	t		
	ramento River						
7650.5	Georgiana Slough Fish Barrier Warning Buoy 2	38-14-26.670N 121-30-57.970W	FI W 4s			Swift Water Warning Buoy, White w/ Orange Diamond.	Private aid.
7650.6	Georgiana Slough Fish Barrier Warning Buoy 1	38-14-27.510N 121-30-56.540W	FI W 4s			Swift Water Warning Buoy, White w/ Orange Diamond.	Private aid.
7665	- LIGHT 6	38-21-44.059N 121-31-12.812W	FIR 4s	30	3	TR on pile.	
7670	- LIGHT 7	38-25-55.775N 121-31-58.761W	FI G 4s	25	4	SG on pile.	
7690	- LIGHT 9	38-28-25.573N 121-31-24.133W	FI G 4s	15	4	SG on pile.	
7715	- LIGHT 10	38-30-45.741N 121-33-09.330W	FIR 4s	25	3	TR on pile.	
7740	- LIGHT 12	38-32-45.095N 121-30-38.500W	FIR 4s	25	3	TR on dolphin.	
7755	- LIGHT 14	38-33-30.025N 121-30-53.851W	FIR 4s	25	3	TR on pile.	
BOD	EGA AND TOMALES BAY						
Bod 6 7765	ega Bay Bodega Harbor Approach Lighted Gong Buoy BA	38-17-12.716N 123-02-21.851W	Mo (A) W		4	Red and white stripes with red spherical topmark.	
7770	BODEGA HEAD LIGHT	38-18-00.618N 123-03-14.172W	FI W 6s	110	6	NR on pile.	Light obscured from 047° to 205°.
Bode	ega Harbor						
7775	- ENTRANCE LIGHT	38-18-17.638N 123-02-57.614W	FI W 4s	20	5	NG on pile.	HORN: 1 blast ev 10s (1s bl), operates continuously.
7780	- CHANNEL LIGHT 2	38-18-20.066N 123-03-17.608W	QR	15	3	TR on pile.	
7785	- CHANNEL RANGE A FRONT LIGHT 3	38-18-19.181N 123-03-24.656W	QG	18		KRW on pile, SG facing upstream.	Visible all around; higher intension the rangeline.
7790	- CHANNEL RANGE AB REAR LIGHT 151 yards, 269.1° from, Range A Front Light. 191 yards, 209.6° from Range B Front Light.	38-18-19.113N 123-03-30.334W	Iso G 6s	30		KRW on frame.	Visible all around; higher intension the rangeline.
7795	BODEGA BAY HARBOR LIGHT 4	38-18-21.559N 123-03-20.769W	FI R 2.5s	15	3	TR on pile.	
7800	- CHANNEL RANGE B FRONT LIGHT 5	38-18-24.034N 123-03-26.787W	QG	18		KRW on pile, SG facing downstream.	Visible all around; higher intension the rangeline.
7810	- CHANNEL LIGHT 6	38-18-27.637N 123-03-22.756W	QR	15	3	TR on pile.	
7815	- Channel Daybeacon 7	38-18-28.570N 123-03-25.199W				SG on pile.	
7820	- Channel Daybeacon 8	38-18-32.558N 123-03-19.143W				TR on pile.	
7825	- Channel Daybeacon 9	38-18-33.524N 123-03-21.368W				SG on pile.	
7830	- Channel Daybeacon 10	38-18-38.617N 123-03-14.860W				TR on pile.	
7835	- CHANNEL LIGHT 11	38-18-39.784N 123-03-17.027W	FI G 2.5s	15	3	SG on pile.	
7840	- Channel Daybeacon 13	38-18-44.784N 123-03-13.009W				SG on pile.	
7845	- CHANNEL RANGE C FRONT LIGHT 14	38-18-47.459N 123-03-07.978W	QR	18		KRW on piles, TR facing downstream.	Visible all around; higher intension the rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BOI	DEGA AND TOMALES BAY		CALIFORNIA - Elev	enth Distric	t		
Bod	ega Harbor						
7850	 CHANNEL RANGE C REAR LIGHT 195 yards, 179.3° from front light. 	38-18-41.691N 123-03-07.889W	Iso R 6s	32		KRW on pile.	Visible all around; higher intensity on the rangeline.
7855	- Channel Daybeacon 15	38-18-49.959N 123-03-09.342W				SG on pile.	
7860	- CHANNEL LIGHT 16	38-18-50.003N 123-03-06.757W	FIR 4s	15	3	TR on pile.	
7861	- Channel Daybeacon 17	38-18-57.323N 123-03-09.260W				SG on pile.	
7865	- Channel Daybeacon 18	38-18-57.358N 123-03-07.048W				TR on pile.	
7870	- CHANNEL LIGHT 19	38-19-03.486N 123-03-09.344W	FI G 6s	15	4	SG on pile.	
7875	- Channel Daybeacon 20	38-19-03.517N 123-03-07.009W				TR on pile.	
7880	- Channel Daybeacon 21	38-19-09.564N 123-03-09.403W				SG on pile.	
7885	- Channel Daybeacon 22	38-19-09.628N 123-03-07.103W				TR on pile.	
7890	- Channel Daybeacon 23	38-19-15.670N 123-03-09.494W				SG on pile.	
7895	- CHANNEL LIGHT 24	38-19-16.067N 123-03-07.344W	FIR 4s	15	3	TR on pile.	
7900	- Channel Daybeacon 25	38-19-21.684N 123-03-09.597W				SG on pile.	
7905	- Channel Daybeacon 26	38-19-22.347N 123-03-07.353W				TR on pile.	
7910	- CHANNEL LIGHT 27	38-19-28.352N 123-03-09.723W	FI G 4s	15	4	SG on pile.	
7915	- Channel Daybeacon 28	38-19-28.352N 123-03-07.436W				TR on pile.	
7920	- Channel Daybeacon 29	38-19-33.845N 123-03-09.779W				SG on pile.	
7925	- Channel Daybeacon 30	38-19-34.161N 123-03-07.532W				TR on pile.	
7930	- Channel Daybeacon 31	38-19-40.094N 123-03-09.916W				SG on pile.	
7935	- CHANNEL LIGHT 32	38-19-40.252N 123-03-07.627W	FI R 2.5s	15	3	TR on pile.	
7940	- CHANNEL LIGHT 33	38-19-48.905N 123-03-10.155W	FI G 2.5s	13	3	SG on pile.	
7945	- Channel Daybeacon 34	38-19-48.849N 123-03-07.800W				TR on pile.	
Spu 7946	d Point Marina - LIGHT 1	38-19-50.404N 123-03-12.219W	QG	15	3	SG on pile.	
7947	- LIGHT 2	38-19-52.355N 123-03-12.239W	QR	15	3	TR on pile.	
7948	- Buoy 3	38-19-50.457N 123-03-15.815W				Green can.	
7949	- Buoy 4	38-19-51.781N 123-03-16.110W				Red nun.	
7951	- Buoy 6	38-19-51.929N 123-03-22.561W				Red nun.	
7952	- LIGHT 5	38-19-49.912N 123-03-22.159W	FI G 4s	9	4	SG on pile.	
Bod	ega Harbor						
7954	- Channel Daybeacon 35	38-19-53.795N 123-03-09.998W				SG on pile.	
7955	- CHANNEL LIGHT 36	38-19-52.496N 123-03-07.379W	QR		3	TR on pile.	

FRONT LIGHT 37 123-03-90.054W	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Bodge Nation Propose Fick F				CALIFORNIA - Elev	enth District	t		
C-CHANNEL RANGE D REAR 38-19-67-358N Q G 14 KRW on pile; SQ Valida all around; higher intensit from trul (LiGHT 37) 123-30-20-058 150-05 1								
LIGHT	7960	- CHANNEL RANGE D		QG	14			Visible all around; higher intensity on the rangeline.
123-00-01-1049W 123-02-057-3633W Fi R 4s 15 3 TR on pile.	7970	LIGHT 268 yards, 359.2° from front		Iso G 6s	28		KRW on pile.	Visible all around; higher intensity on the rangeline.
123-02-67-3639W TR on pile. TR on pile. TR on pile. 123-02-68-120W TR on pile. 123-03-02-68-120W TR on pile. 123-03-02-68-120W TR on pile. 123-03-02-68-120W TR on pile. 123-03-02-68-120W TR on pile. 123-03-03-02-68-120W TR on pile. 123-03-03-02-68-120W TR on pile. 123-03-03-02-68-120W TR on pile. 123-03-03-03-03-03-03-03-03-03-03-03-03-03	7975	•					TR on pile.	
123-02-52 120W 123-02-47 916W 123-02-47 916W 123-02-47 916W 123-02-47 916W 123-02-41 916W 123-02-41 916W 123-02-41 916W 123-02-41 1021W 123-02-31 1900W 123-02-31 1900W 123-02-31 1900W 123-02-31 1900W 123-02-31 1900W 123-02-21 1900W 123-03-11 17777W 100000000000000000000000000000000	7980	- CHANNEL LIGHT 40		FIR 4s	15	3	TR on pile.	
123-02-47 916W 7995 - Channel Daybeacon 46 38-19-38 38-19-38 150W 3000 - Channel Daybeacon 50 38-19-39 483N 123-02-34 150W 30005 - Channel Daybeacon 50 38-19-29 483N 123-02-23 150W 3010 - Channel Daybeacon 50 38-19-29 519 N 123-02-23 350W 3010 - Channel Daybeacon 50 38-19-25 513N 123-02-22 345W 3010 - Channel Daybeacon 51 123-02-22 345W 3010 - Channel Daybeacon 52 38-19-25 20N 123-02-27 7977W Tomales Bay 3020	7985	- Channel Daybeacon 42					TR on pile.	
123-02-41.021W 38-19-32-41.021W TR on pile.	7990	- Channel Daybeacon 44					TR on pile.	
123-02-34-153W TR on pile.	7995	- Channel Daybeacon 46					TR on pile.	
123-02-31 920W 123-02-31 920W 123-02-251 913N 123-05-251 9	8000	- Channel Daybeacon 48					TR on pile.	
123-02-29.345W South Sou	8005	- Channel Daybeacon 50					TR on pile.	
123-02-27.797W	8010	- Channel Daybeacon 52					TR on pile.	
Bacol Salar Sala	8015	- Channel Daybeacon					NB on pile.	
Buoy 2	Tom	nales Bay						
122-59-16.685W stripses with red spherical topmark.	8020			FIR 6s		4	Red.	
122-58-30,272W SG on pile. 122-58-30,272W SG on pile. 122-57-36,543W SG on pile. 122-57-36,543W SG on pile. 122-57-36,543W JG on pile. 122-57-36,543W JG on pile. 122-56-36,591W SG on pile. 122-56-36,591W SG on pile. 122-56-36,591W SG on pile. 122-56-36,541W SG on pile. 122-56-36,241W TR on pile. 122-56-36,241W TR on pile. 122-56-36,541W TR on pile. 122-56-51,094W SELK TO FORT BRAGG Albion River SG on pile. HORN: 1 blast ev 30s (3s bl) Operates by keying microphone five times on VHF-FM Chan. 22A SG on pile. SG on pile. HORN: 1 blast ev 30s (3s bl) SG on pile. SG on	8025	- Outside Bar Gong Buoy TB					stripes with red	
122-57-35.434W 38-12-01.963N 38-12-01.963N 38-12-01.963N 38-12-01.963N 38-11-44.470N 38-11-44.470N 38-11-44.470N 122-56-35.241W SG on pile.	8035	- Buoy 3					Green can.	
122-56-36.591W 8070 - Daybeacon 7 38-11-44.470N 122-56-35.241W 8075 - Daybeacon 10 38-11-17.646N 122-55-51.094W ELK TO FORT BRAGG Albion River 8080 - LIGHT 1 39-13-41.412N Q G 35 3 SG on pile. HORN: 1 blast ev 30s (3s bl) Operates by keying microphone five times on VHF-FM Chan. 22A ANACAPA PASSAGE (Chart 18729) ELK TO FORT BRAGG Noyo River 8085 - Entrance Lighted Bell Buoy 2 39-25-47.038N FI R 2.5s 3 Red. 123-49-21.105W 8090 - Entrance Lighted Buoy 3 39-25-40.038N FI R 2.5s 3 Green. 123-49-21.105W 8095 - ENTRANCE LIGHT 4 39-25-38.918N FI R 4s 17 4 TR on pile. 8100 - ENTRANCE LIGHT 5 39-25-41.202N Oc G 4s 28 4 SG on pile. 8101 - Sound Signal 39-25-41.202N On pile. HORN: 1 blast ev 30s (3s bl).	8060	- Daybeacon 5					SG on pile.	
122-56-35.241W 8075 - Daybeacon 10 38-11-17.646N 122-55-51.094W ELK TO FORT BRAGG Albion River 8080 - LIGHT 1 39-13-41.412N 123-46-26.660W ELK TO FORT BRAGG Noyo River 8085 - Entrance Lighted Bell Buoy 2 39-25-47.038N 123-49-21.105W 8090 - Entrance Lighted Buoy 3 39-25-46.217N 123-49-01.694W 8095 - ENTRANCE LIGHT 4 39-25-38.918N FI R 4s 17 4 TR on pile. 123-48-37.323W 8100 - ENTRANCE LIGHT 5 39-25-41.202N Oc G 4s 28 4 SG on pile. 123-48-37.323W 8101 - Sound Signal 39-25-41.202N Oc G 4s 28 4 SG on pile. HORN: 1 blast ev 30s (3s bl).	8065	Hog Island Daybeacon					JG on pile.	
122-55-51.094W ELK TO FORT BRAGG Albion River 39-13-41.412N Q G 35 3 SG on pile. HORN: 1 blast ev 30s (3s bl) Operates by keying microphone five times on VHF-FM Chan. 22A	8070	- Daybeacon 7					SG on pile.	
Albion River 8080 - LIGHT 1 39-13-41.412N 123-46-26.660W 123-46-26	8075	- Daybeacon 10					TR on pile.	
ANACAPA PASSAGE (Chart 18729) ELK TO FORT BRAGG Noyo River	ELK	TO FORT BRAGG						
Noyo River 8085 - Entrance Lighted Bell Buoy 2 39-25-47.038N FI R 2.5s 3 Red.	Albi 8080			QG	35	3	SG on pile.	Operates by keying microphone five times on VHF-FM Chan.
Noyo River 8085 - Entrance Lighted Bell Buoy 2 39-25-47.038N FI R 2.5s 3 Red.				ANACADA DACCACE	(Chort 407)	20)		
Noyo River 8085 - Entrance Lighted Bell Buoy 2 39-25-47.038N 123-49-21.105W FI R 2.5s 3 Red. 8090 - Entrance Lighted Buoy 3 39-25-46.217N 123-49-01.694W FI G 2.5s 3 Green. 8095 - ENTRANCE LIGHT 4 39-25-38.918N 123-48-36.113W FI R 4s 17 4 TR on pile. 8100 - ENTRANCE LIGHT 5 39-25-41.202N 123-48-37.323W Oc G 4s 28 4 SG on pile. 8101 - Sound Signal 39-25-41.202N Or G 4s On pile. HORN: 1 blast ev 30s (3s bl).	ELK	TO FORT BRAGG		ANACAPA PASSAGE	: (Cnart 18/2	<u> </u>		
123-49-21.105W 8090 - Entrance Lighted Buoy 3 39-25-46.217N FI G 2.5s 3 Green. 123-49-01.694W 8095 - ENTRANCE LIGHT 4 39-25-38.918N FI R 4s 17 4 TR on pile. 123-48-36.113W 8100 - ENTRANCE LIGHT 5 39-25-41.202N Oc G 4s 28 4 SG on pile. 123-48-37.323W 8101 - Sound Signal 39-25-41.202N On pile. HORN: 1 blast ev 30s (3s bl).	Noy	o River						
123-49-01.694W 8095 - ENTRANCE LIGHT 4 39-25-38.918N FI R 4s 17 4 TR on pile. 123-48-36.113W 8100 - ENTRANCE LIGHT 5 39-25-41.202N Oc G 4s 28 4 SG on pile. 123-48-37.323W 8101 - Sound Signal 39-25-41.202N On pile. HORN: 1 blast ev 30s (3s bl).	8085	- Entrance Lighted Bell Buoy 2		FI R 2.5s		3	Red.	
123-48-36.113W 8100 - ENTRANCE LIGHT 5 39-25-41.202N Oc G 4s 28 4 SG on pile. 123-48-37.323W 8101 - Sound Signal 39-25-41.202N On pile. HORN: 1 blast ev 30s (3s bl).	8090	- Entrance Lighted Buoy 3		FI G 2.5s		3	Green.	
123-48-37.323W 8101 - Sound Signal 39-25-41.202N On pile. HORN: 1 blast ev 30s (3s bl).	8095	- ENTRANCE LIGHT 4		FIR 4s	17	4	TR on pile.	
	8100	- ENTRANCE LIGHT 5		Oc G 4s	28	4	SG on pile.	
	8101	- Sound Signal					On pile.	

(1) No.	(2) Name and Location	(3) Position	(4)	(5)	(6)	(7) Structure	(8) Remarks
NO.	Name and Location		Characteristic	Height	Range	Structure	Remarks
ELK	TO FORT BRAGG	·	ANACAPA PASSAGE	: (Chart 187)	29)		
Noy 8105	o River - DIRECTIONAL LIGHT	39-25-38.280N 123-48-27.192W	FWRG -	17		On pile.	White light in center of channel (103.5°-106.5°). Red light when right of inbound channel (100°-103.5°). Green light when left of inbound channel (106.5°-110°).
8110	- LIGHT 8	39-25-38.305N 123-48-21.971W	FIR 4s	15	4	TR on pile.	
8115	- LIGHT 9	39-25-39.664N 123-48-20.431W	FI G 2.5s	15	3	SG on post.	
8116	- ENTRANCE SMALL BOAT WARNING LIGHT	39-25-39.656N 123-48-20.285W	QY	15	8	NR labeled ROUGH BAR on tower.	Lights flash when seas exceed eight feet in height. Lights extinguished for lesser sea conditions, but with no guarantee that bar is safe.
8120	- LIGHT 10	39-25-37.014N 123-48-20.488W	FI R 2.5s	15	4	TR on pile.	
8125	- LIGHT 12	39-25-26.322N 123-48-08.637W	FIR 4s	5	3	TR on pile.	
			CALIFORNIA - Elev	enth Distric	t		
	/IBOLDT BAY (Chart 18622) nboldt Bay						
8130 490	- Entrance Lighted Whistle Buoy HB	40-46-24.085N 124-16-13.616W	Mo (A) W		4	Red and white stripes with red spherical topmark.	AIS: MMSI 993692035
8135	- Lighted Bell Buoy 2	40-45-56.815N 124-14-57.512W	FIR 4s		3	Red.	Seasonal Aid 01 May to 31 Oct. AIS active year round: MMSI: 993692213
8136	- ENTRANCE SMALL BOAT WARNING SIGN LIGHT Located at CG station.	40-46-01.662N 124-13-00.574W	QY	12	3		Lights flash when seas exceed six feet in height. Hazardous Bar Conditions Advisory will also be broadcast when seas exceed ten feet in height. Lights extinguished for lesser sea conditions, but with no guarantee that bar is safe.
8140	- APPROACH RANGE FRONT LIGHT	40-45-52.612N 124-13-53.396W	QW	39		KRW on Dolphin.	Visible 4° each side of the rangeline. Horn: 2 Blasts ev 20s (2s bl-2s si-2s bl-14s si). Light and Horn operate throughout 24 hours.
8145	- APPROACH RANGE REAR LIGHT 150 yards, 105.3° from front light.	124-13-47.762W	Oc W 4s	57		KRW on pile.	Visible 4° each side of the rangeline. Lighted throughout 24 hours.
8150	- ENTRANCE LIGHT 3	40-46-08.118N 124-14-20.220W	FI G 2.5s	37	5	SG on white cylindrical structure labeled NORTH.	
8155	- ENTRANCE LIGHT 4	40-45-52.572N 124-14-37.798W	FI R 2.5s	57	5	TR on white cylindrical structure labeled SOUTH.	HORN: 1 blast ev 10s (1s bl), operates continuously.
8165	- ENTRANCE RANGE FRONT LIGHT	40-45-05.529N 124-13-35.572W	QG	22		KRW on Dolphin.	Visible 1.5° each side of the rangeline. Lighted throughout 24 hours.
8170	- ENTRANCE RANGE REAR LIGHT 269 yards, 140.3° from front light.	124-13-28.879W	Oc G 4s	41		KRW on Dolphin.	Visible 1.5° each side of the rangeline. Lighted throughout 24 hours.
8175	- Lighted Bell Buoy 5	40-45-25.997N 124-13-50.679W	FI G 4s		4	Green.	
8180	- LIGHT 6	40-45-23.754N 124-14-04.154W	FIR 4s	30	3	TR on pile.	
8185	- Lighted Bell Buoy 7	40-45-21.036N 124-13-38.303W	FI G 4s		4	Green.	
8190	- Lighted Bell Buoy 8	40-45-08.016N 124-13-31.110W	QR		3	Red.	

HUMBOLDT BAY (Chart 18622) Humboldt Bay 10	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Name	ШІМ	IDOLDT DAY (Chart 19622)		CALIFORNIA - Elev	enth Distric	t		
124-1-32-5-339W Fire 4-4-3-05-05-05-01 Fire 4-4-3-05-05-01 Fire	Hum	boldt Bay						
124-15-10-239W FIG 4	8195.1	- LIGHT 9		FI G 2.5s		4		FI G 2.5S
124-15-16-739W FIR R S	8200	- Lighted Buoy 10		FIR 4s		3	Red.	
124-12-51 976W 20-40-03 5181N Fil G 6s	8205	- LIGHT 11		FI G 4s	35	4	SG on pile.	
124-12-55-39W 124-12-38-758W 124-12-38-758W 15 2.5 3 TR on pile 124-12-38-758W 15 4 TR on pile 124-12-38-758W 124-12-38-758W 15 3 TR on pile 124-12-38-758W 124-12-38-758W 162-58 15 3 TR on pile 124-12-38-758W 124-12-38-758W 162-58 15 3 TR on pile 124-12-38-758W 124-12-38	8210	- LIGHT 12		FIR 6s	15	4	TR on Dolphin.	
141-12-38-754W 140-46-26-251N FI G 4s 4 Green.	8216	- LIGHT 13		FI G 6s	20	4	SG on pile.	
124-12-13-498W 24-12-13-498W 24-12-13-498W 24-12-13-498W 24-12-13-498W 24-12-13-498W 24-12-13-498W 24-13-13-53-33W 24-13-13-53-33W 24-13-13-53-33W 24-13-13-53-33W 24-13-13-53-33W 24-13-13-13-20W 24-13-13-20W 24-13-20-20W 24-23-20W 24-2	8220	- LIGHT 14		FI R 2.5s	15	3	TR on pile.	
14-12-07-831W FIG. 2.5s	8225	- Lighted Buoy 15		FI G 4s		4	Green.	
1	8230	- LIGHT 16		FIR 4s	15	4	TR on pile.	
EIGHT A	8235	- Lighted Buoy 17		FI G 2.5s		3	Green.	
124-11-10.789W 124-11-10.390W FI Y 4s	8237			FIR 4s	10		On post.	Private aid.
124-11-10.3900V S248.2 Seaweed Farm Danger Buoy 40-48-29.410N FI W 4s Private aid.	8245	SAMOA CHANNEL LIGHT 2		FI R 2.5s	15	3	TR on pile.	Ra ref.
248.3	8248.1			FIY4s				Private aid.
Seawed Farm Danger Buoy 40-48-29,260N FI Y 4s	8248.2			FI W 4s				Private aid.
124-11-1.0.010W 124-11-10.010W 124-11-10.010W 124-11-10.540W 124-11-10.540W 124-11-10.540W 124-11-10.540W 124-11-10.540W 124-11-11.570W 124-11-11.570W 124-11-11.570W 124-11-13.380W 124	8248.3			FIY4s				Private aid.
124-11-10.540W 24-88-26.460N FI Y 4s 25-80 24-80-26.460N 7 24-11-11.570W 24-80-26.460N 7 24-11-11.570W 24-80-26.590N 7 24-11-11.3.80W 24-80-26.590N 124-11-11.3.80W 24-80-26.000N 124-11-13.00W 24-90-26.000N 124-11-13.00W 24-90-26.000N 124-11-15.180W 24-90-26.000N 124-11-15.180W 24-90-26.000N 124-11-15.180W 24-90-26.000N 124-11-15.180W 24-90-26.000N 124-11-16.180W 24-90-26.000N 124-11-16.180W 24-90-26.26.260N 24-90-26.26.260N 24-90-26.26.260N 24-90-26.260N 8248.4			FIY4s				Private aid.	
124-11-15.70W 124-11-13.80W 124-11-13.30W 124-11-13.30	8248.5			FIY4s				Private aid.
Regulatory Buoy 124-11-13.380W Regulatory Buoy 40-48-23.590M Regulatory Buoy 40-48-23.590M Regulatory Buoy Regulatory Buoy	8248.6			FIY4s				Private aid.
8249.1 - Aqua Farm Danger Buoy 1 40-48-26.000N FI Y 4s	8248.7			FIY4s				Private aid.
124-11-15.240W 124-11-16.180W 124-11-16.1	8248.8	- Seaweed Farm Danger Buoy 8	101 11 10 01011	FIY4s				Private aid.
8249.3 - Aqua Farm Danger Buoy 3 40-48-24,000N 124-11-14,010W FI Y 4s Private aid. 8249.4 - Aqua Farm Danger Buoy 4 40-48-26,860N 124-11-16,180W FI Y 4s Private aid. 8250 SAMOA CHANNEL LIGHT 3 40-48-33,041N 124-11-06,563W FI G 4s 15 4 SG on pile. 8251.1 - Kelp Farm Danger Buoy 1 40-48-37,440N 124-11-12,470W FI Y 4s Regulatory Buoy, White w/Orange Diamond. Private aid. 8251.2 - Kelp Farm Danger Buoy 2 40-48-38,700N 124-11-11,650W FI Y 4s Regulatory Buoy, White w/Orange Diamond. Private aid. 8251.3 - Kelp Farm Danger Buoy 3 40-48-36,400N 124-11-10,460W FI Y 4s Regulatory Buoy, White w/Orange Diamond. Private aid. 8251.4 - Kelp Farm Danger Buoy 4 40-48-37,790N 124-11-09,620W FI Y 4s Regulatory Buoy, White w/Orange Diamond. Private aid. 8255 SAMOA CHANNEL LIGHT 4 40-48-50,172N 124-10-46,144W FI R 4s 15 3 TR on pile. 8260 SAMOA TURNING BASIN 40-49-00.901N FI R 2.5s 15 3 TR on pile.	8249.1	- Aqua Farm Danger Buoy 1		FIY4s				Private aid.
124-11-14.010W	8249.2	- Aqua Farm Danger Buoy 2		FIY4s				Private aid.
124-11-16.180W	8249.3	- Aqua Farm Danger Buoy 3		FIY4s				Private aid.
124-11-06.563W	8249.4	- Aqua Farm Danger Buoy 4		FIY4s				Private aid.
124-11-12.470W White w/ Orange Diamond. Regulatory Buoy, White w/ Orange Diamond. Private aid. Privat	8250	SAMOA CHANNEL LIGHT 3		FI G 4s	15	4	SG on pile.	
124-11-11.650W White w/ Orange Diamond. Regulatory Buoy, White w/ Orange Diamond. Private aid. Privat	8251.1	- Kelp Farm Danger Buoy 1		FIY4s			White w/ Orange	Private aid.
124-11-10.460W White w/ Orange Diamond.	8251.2	- Kelp Farm Danger Buoy 2		FIY4s			White w/ Orange	Private aid.
8251.4 - Kelp Farm Danger Buoy 4 40-48-37.790N 124-11-09.620W FI Y 4s Regulatory Buoy, White w/ Orange Diamond. Private aid. 8255 SAMOA CHANNEL LIGHT 4 40-48-50.172N 124-10-46.144W FI R 4s 15 3 TR on pile. 8260 SAMOA TURNING BASIN 40-49-00.901N FI R 2.5s 15 3 TR on pile.	8251.3	- Kelp Farm Danger Buoy 3		FIY4s			White w/ Orange	Private aid.
8255 SAMOA CHANNEL LIGHT 4 40-48-50.172N FI R 4s 15 3 TR on pile. 8260 SAMOA TURNING BASIN 40-49-00.901N FI R 2.5s 15 3 TR on pile.	8251.4	- Kelp Farm Danger Buoy 4		FIY4s			Regulatory Buoy, White w/ Orange	Private aid.
	8255	SAMOA CHANNEL LIGHT 4		FIR 4s	15	3		
	8260			FI R 2.5s	15	3	TR on pile.	

NUMBOLDT BAY (Chart 1862) Numboldt Bay 2265 LIGHT 19	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Name				CALIFORNIA - Elev	enth Distric	t		
1241-00-02090 FI				FI G 4s	20	4	SG on pile.	
LIGHT 124-10-00.200W Private and Pri	8270	- LIGHT 21		FI G 2.5s	15	3	SG on pile.	Ra ref.
Note	8275			FI G 4s			SG on pile.	
2828 LIGHT 2								
124-13-28 258W 20				FI G 4s		4	Green.	
124-13-28.231W	8285	- LIGHT 2		FIR 4s	15	3	TR on pile.	
124-13-37.496W 124-13-37.496W 124-13-30.725W 1904-35.513M 1so R 6s 30 124-13-37.496W 1904-35.513M 1so R 6s 30 124-13-30.296W 1904-35.513M 150 R 6s 30 124-13-30.296W 1904-35.513M 124-13-30.296W 15 4 3G on pile 124-13-30.296W 164-13-30.296W 164-30.296W 164-30	8290	- LIGHT 3		FI G 2.5s	20	4	SG on pile.	
103 yards, 327.9" from front 124-13-39.725W	8295	- RANGE FRONT LIGHT 4		QR	20			
124-13-30.265W 124-15-30.265W 15	8300	103 yards, 327.9° from front		Iso R 6s	30		KRW on pile.	
124-15-38.3892W 124-15-328.593W FI R d s 20 4	8305	- LIGHT 5		FI G 4s	15	4	SG on pile	
124-13-28.593W 124-13-28.593W FIR 6s 15 4 TR on pile.	8310	- LIGHT 6		FI R 2.5s	15	3	TR on pile.	
124-13-25.312W 1832	8315	- LIGHT 7		FI G 4s	20	4	SG on pile.	
ELECTRIC DIKE LIGHT 124-13-1219W 154-13-14.086W FIR 4s 15 3 TR on pile. Ra ref. 8320	- LIGHT 8		FIR 6s	15	4	TR on pile.		
124-13-14.086W 40-44-04.301N 124-13-08.862W 50 on pile 124-13-08.862W 124-13-08.862W 124-13-08.862W 124-13-14.014W 124-13-14.014W 124-13-14.014W 124-13-14.014W 124-13-14.014W 124-13-14.014W 124-13-14.014W 124-13-14.014W 124-13-19.465W 16 Q.5s 15 3 SG on pile	8325			FI W 4s	18		Dolphin.	Private aid.
124-13-08.882W	8330	- LIGHT 10		FIR 4s	15	3	TR on pile.	Ra ref.
124-13-14.014W	8335	- Daybeacon 9					SG on pile.	
124-13-19.456W 8350 - LIGHT 14	8340	- LIGHT 12		FI R 2.5s	15	3	TR on pile.	
ST. GEORGE REEF AND CRESCENT CITY HARBOR (Chart 18603) Crescent City Harbor 8355	8345	- LIGHT 13		FI G 2.5s	15	3	SG on pile	
Crescent City Harbor 8355 - Buoy 1 124-12-49.680W - Creen can. 8360 - Lighted Whistle Buoy 2 41-42-59.729N 124-11-47.956W FI R 6s 4 Red. 8365 - Lighted Whistle Buoy 4 41-43-34.400N 124-11-19.347W FI R 4s 4 Red. 8370 CRESCENT CITY ENTRANCE LIGHT 41-44-11.025N 124-11-27.741W FI W 5s 55 9 On post Operates continuously. HORN: 1 blast ev 10s (1s bl), operates continuously. 8375 - Lighted Bell Buoy 6 41-44-14.427N 124-11-9.346W FI R 2.5s 4 Red. 8380 - Lighted Buoy 7 41-44-16.427N 124-11-23.346W FI G 2.5s 4 Green. 8385 CRESCENT CITY INNER BREAKWATER LIGHT 8 41-44-36.504N 124-11-17.884W FI R 4s 30 5 TR on pile. 8387 - LIGHT 9 41-44-41.313N 124-11-12.858W FI R 2.5s 15 3 TR on pile. 8388 - LIGHT 10 41-44-39.213N 124-11-108.758W FI R 2.5s 15 3 TR on pile.	8350	- LIGHT 14		FIR 4s	15	3	TR on pile.	Ra ref.
8355 - Buoy 1 41-44-13.414N 124-12-49.680W Green can. 8360 - Lighted Whistle Buoy 2 41-42-59.729N 124-11-47.956W FI R 6s 4 Red. 8365 - Lighted Whistle Buoy 4 41-43-34.400N 124-11-19.347W FI R 4s 4 Red. 8370 CRESCENT CITY ENTRANCE LIGHT 41-44-11.025N 124-11-19.347W FI W 5s 55 9 On post HORN: 1 blast ev 10s (1s bl), operates continuously. 8375 - Lighted Bell Buoy 6 41-44-14.427N 124-11-19.346W FI R 2.5s 4 Red. 8380 - Lighted Buoy 7 41-44-16.427N 124-11-19.346W FI G 2.5s 4 Green. 8385 CRESCENT CITY INNER BREAKWATER LIGHT 8 124-11-17.884W FI R 4s 30 5 TR on pile. 8386 - LIGHT 9 41-44-39.213N 124-11-128.58W FI R 2.5s 15 3 TR on pile. 8387 - LIGHT 10 41-44-39.213N 124-11-08.758W FI R 2.5s 15 3 TR on pile. 8388 - LIGHT 11 41-44-41.48N FI G 4s 15 4 SG on pile.	ST.	GEORGE REEF AND CRESCENT	CITY HARBOR (Ch	art 18603)				
124-12-49.680W		<u> </u>	41-44-13 414N				Green can	
545 124-11-47.956W 8365 - Lighted Whistle Buoy 4 41-43-34.400N 124-11-19.347W FI R 4s 4 Red. 8370 CRESCENT CITY ENTRANCE LIGHT 41-44-11.025N 124-11-27.741W FI W 5s 55 9 On post On post On post Operates continuously. 8375 - Lighted Bell Buoy 6 41-44-14.427N 124-11-19.346W FI R 2.5s 4 Red. 8380 - Lighted Buoy 7 41-44-16.427N 124-11-23.346W FI G 2.5s 4 Green. 8385 CRESCENT CITY INNER BREAKWATER LIGHT 8 41-44-36.504N 124-11-17.884W FI R 4s 30 5 TR on pile. 8386 - LIGHT 9 41-44-41.313N 124-11-12.858W FI G 2.5s 15 3 SG on pile. 8387 - LIGHT 10 41-44-39.213N 124-11-08.758W FI R 2.5s 15 3 TR on pile. 8388 - LIGHT 11 41-44-41.418N FI G 4s 15 4 SG on pile.		•	124-12-49.680W	FIR 6s		4		
124-11-19.347W 8370	545	,	124-11-47.956W					
550 ENTRANCE LIGHT 124-11-27.741W operates continuously. 8375 - Lighted Bell Buoy 6 41-44-14.427N 124-11-19.346W FI R 2.5s 4 Red. 8380 - Lighted Buoy 7 41-44-16.427N 124-11-23.346W FI G 2.5s 4 Green. 8385 CRESCENT CITY INNER BREAKWATER LIGHT 8 41-44-36.504N 124-11-17.884W FI R 4s 30 5 TR on pile. 8386 - LIGHT 9 41-44-41.313N 124-11-12.858W FI G 2.5s 15 3 SG on pile. 8387 - LIGHT 10 41-44-39.213N 124-11-08.758W FI R 2.5s 15 3 TR on pile. 8388 - LIGHT 11 41-44-44.148N FI G 4s 15 4 SG on pile.			124-11-19.347W					
124-11-19.346W 8380 - Lighted Buoy 7				FI W 5s	55	9	On post	
124-11-23.346W 8385	8375	- Lighted Bell Buoy 6		FI R 2.5s		4	Red.	
BREAKWATER LIGHT 8 124-11-17.884W 8386 - LIGHT 9 41-44-41.313N FI G 2.5s 15 3 SG on pile. 8387 - LIGHT 10 41-44-39.213N FI R 2.5s 15 3 TR on pile. 8388 - LIGHT 11 41-44-44.148N FI G 4s 15 4 SG on pile.	8380	- Lighted Buoy 7		FI G 2.5s		4	Green.	
124-11-12.858W 8387 - LIGHT 10	8385			FIR 4s	30	5	TR on pile.	
124-11-08.758W 8388 - LIGHT 11 41-44-44.148N FI G 4s 15 4 SG on pile.	8386	- LIGHT 9		FI G 2.5s	15	3	SG on pile.	
·	8387	- LIGHT 10		FI R 2.5s	15	3	TR on pile.	
	8388	- LIGHT 11		FI G 4s	15	4	SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
QT /	GEORGE REEF AND CRESCENT	CITY HARRON (CH	CALIFORNIA - Elev	enth District	İ		
	cent City Harbor	CITT HARBOR (CI	iart 10003)				
3390	- RANGE FRONT LIGHT	41-44-59.802N 124-11-21.171W	FI G 2.5s	23		KRG on pile.	Visible 4° each side of the rangeline.
395	 RANGE REAR LIGHT 79 yards, 359.9° from front light. 	41-45-02.146N 124-11-21.175W	Oc G 4s	39		KRG on pile.	Visible 4° each side of the rangeline.
			LAKE TAHOE - Elev	enth Distric	t		
LAK 1 3403	E TAHOE - LONG PIER LIGHT	39-09-04.000N 120-08-25.000W	FIR 6s	30		On post.	Private aid.
405	SUGAR PINE POINT LIGHT	39-03-40.532N 120-06-50.197W	FI W 4s	15	8	NR on post.	
Lake	Tahoe						
410	- Buoy A	39-13-10.291N 120-00-16.206W				White can with orange bands.	
415	- Lighted Danger Buoy B	39-13-03.349N 120-00-36.285W	FI W 2.5s		3	White can with orange bands.	
3420	- Buoy C	39-13-13.292N 120-00-43.164W				White can with orange bands.	
3425	- Buoy D	39-14-01.890N 120-02-20.579W				White can with orange bands.	
3430	- Buoy E	39-12-24.092N 120-05-18.295W				White can with orange bands.	
435	- Lighted Danger Buoy G	39-11-04.630N 120-05-31.249W	FI W 4s		3	White can with orange bands.	
436	- Buoy H	39-10-39.868N 120-06-10.467W				White can with orange bands.	
440	- Buoy I	39-10-32.010N 120-06-52.894W				White can with orange bands.	
442	- Buoy J	39-10-06.189N 120-08-07.050W				White can with orange bands.	
462	- Buoy 0	38-56-42.894N 120-00-46.938W				White can with orange bands.	
464	Emerald Bay Entrance Lighted Buoy 1	38-57-53.314N 120-04-54.027W	FI G 4s		3	Green.	
465	Emerald Bay Entrance Lighted Buoy 2	38-57-54.037N 120-04-55.737W	FI R 2.5s		3	Red.	
470	Emerald Bay Entrance Buoy 3	38-57-50.667N 120-04-55.818W				Green can.	
475	Emerald Bay Entrance Buoy 4	38-57-52.129N 120-04-58.419W				Red nun.	
480	- Buoy P	38-57-14.522N 119-59-09.667W				White can with orange bands.	
3485	- Lighted Danger Buoy Q	39-00-50.288N 119-57-33.463W	FI W 4s		3	White can with orange bands.	
486	- Buoy R	39-01-58.485N 119-57-12.625W				White can with orange bands.	
488	- Buoy S	39-02-17.113N 119-57-13.184W				White can with orange bands.	
490	- Buoy T	39-02-29.713N 119-57-07.844W				White can with orange bands.	
495	- Buoy U	39-04-02.809N 119-56-57.620W				White can with orange bands	
500	- Buoy V	39-04-14.581N 119-57-01.712W				White can with orange bands.	
505	- Buoy W	39-04-22.092N 119-57-01.058W				White can with orange bands.	
510	- Buoy X	39-08-44.682N 119-56-27.722W				White can with orange bands.	
512	- Buoy Y	39-09-54.832N 119-56-07.750W				White can with orange bands.	
515	- Buoy Z	39-11-40.156N 119-56-12.706W				White can with orange bands.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE TAHOE - Ele	venth Distric	t		
	E TAHOE e Tahoe						
8520	- Lighted Danger Buoy AA	39-11-51.182N 119-56-12.727W	FI W 6s		3	White can with orange bands.	
8525	- Buoy AB	39-12-05.182N 119-56-01.927W				White can with orange bands.	
8530	- Restricted Area Daybeacon A	38-56-41.237N 120-04-09.152W				NW on white pile.	
8535	- Restricted Area Daybeacon B	38-56-35.997N 120-03-52.395W				NW on white pile.	
8540	- Restricted Area Daybeacon C	38-56-30.591N 120-03-35.695W				NW on white pile.	
8545	- Restricted Area Daybeacon D	38-56-31.498N 120-03-22.817W				NW on white pile.	
8550	- Restricted Area Daybeacon E	38-56-32.168N 120-03-13.087W				NW on white pile.	
8555	- Restricted Area Daybeacon F	38-56-26.859N 120-02-51.028W				NW on white pile.	
8560	- Restricted Area Daybeacon G	38-56-18.555N 120-02-02.978W				NW on white pile.	
8565	- Restricted Area Daybeacon H	38-56-16.941N 120-01-45.435W				NW on white pile.	
8570	- Restricted Area Daybeacon I	38-56-16.032N 120-01-27.760W				NW on white pile.	
8575	- Restricted Area Daybeacon J	38-56-14.828N 120-01-09.984W				NW on white pile.	
8590	- Restricted Area Daybeacon M	38-58-54.919N 119-57-22.527W				NW on white pile.	
8591	- NASA-JPL Lighted Research Buoy TB3	39-06-36.700N 120-04-31.300W	FIY4s				Private aid.
8591.1	- NASA-JPL Lighted Research Buoy TB2	39-06-33.700N 120-00-38.700W	FIY4s				Private aid.
8591.2	- NASA-JPL Lighted Research Buoy TB1	39-09-10.800N 120-00-01.200W	FIY4s				Private aid.
8591.3	- NASA-JPL Lighted Research Buoy TB4	39-09-18.000N 120-04-19.800W	FIY4s				Private aid.
8591.4	- UC Davis Lighted Research Buoy TDR1	39-02-28.800N 120-04-48.600W	FIY4s				Private aid.
8591.5	- UC Davis Lighted Research Buoy TDR2	38-59-22.800N 120-03-03.000W	FIY4s				Private aid.
			OREGON - Thirtee	enth District			
	AMID POINT TO CAPE SEBASTI tco River	AN (Chart 18602)					
8595 565	- Approach Lighted Whistle Buoy CR	42-01-40.246N 124-17-01.805W	Mo (A) W		4	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
8605	- Entrance Lighted Bell Buoy 2	42-02-05.140N 124-16-36.603W	FIR 4s		4	Red.	
8610	- ENTRANCE RANGE FRONT LIGHT	42-02-54.143N 124-16-04.797W	QR	38		KRB on skeleton tower.	Visible 4° each side of rangeline.
8615	- ENTRANCE RANGE REAR LIGHT 249 yards, 029.5° from front light.	42-03-00.574N 124-15-59.920W	Iso R 6s	65		KRB on skeleton tower.	Visible 4° each side of rangeline.
8625	- ENTRANCE LIGHT 5	42-02-35.623N 124-16-21.011W	FI G 4s	23	4	Green pile structure.	Due to weather conditions the dayboards have been removed from this aid.
8627	- Sound Signal	42-02-39.613N 124-16-13.259W					HORN: 1 blast ev 30s (3s bl). HORN is activated by keying the mic 5 times on VHF-FM Channel 83A (157.175MHz). HORN will operate for 45 minutes.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirtee	nth District			
	AMID POINT TO CAPE SEBAST	IAN (Chart 18602)					
8630	- REGULATED NAVIGATION AREA WARNING SIGN (2)	42-02-50.005N 124-16-04.937W	QY	13		NW worded ROUGH BAR.	Lights flashing when bar is restricted to recreational and uninspected passenger vessels. Contact the nearest US Coast Guard unit for further information.
8635	- ENTRANCE LIGHT 9	42-02-45.475N 124-16-13.091W	FI G 2.5s	12	4	SG on pile.	
8640	- ENTRANCE LIGHT 11	42-02-51.393N 124-16-09.179W	QG	16	4	SG on pedestal structure.	
	PE SEBASTIAN TO HUMBUG MO	UNTAIN (Chart 1860	01)				
8650 575	ue River - Approach Lighted Whistle Buoy R	42-23-37.559N 124-28-35.461W	Mo (A) W		4	Red and white stripes.	AIS: MMSI 993692038 (21). No topmark will be shown on this aid as required by IALA standards due to weather.
8655	- Entrance Buoy 1	42-24-45.251N 124-26-42.645W				Green can.	
8660	- NORTH JETTY LIGHT 3	42-25-13.794N 124-25-58.767W	FI G 2.5s	23	4	SG on skeleton structure.	Light and sound signal maintained from May 20 to Oct. 1.
							HORN: 1 blast ev 30s (3s bl). Operates continuously.
8663	- Danger Rock Buoy	42-25-34.245N 124-25-29.040W				NW worded DANGER ROCK.	Maintained from May 20 to Oct. 1.
8665	- Buoy 5	42-25-31.769N 124-25-21.313W				Green can.	Maintained from May 20 to Oct. 1.
8670	- REGULATED NAVIGATION AREA WARNING SIGN (2)	42-25-35.773N 124-25-29.081W	QY	15		NW worded ROUGH BAR.	Lights flashing when bar is restricted to recreational and uninspected passenger vessels. Contact the nearest US Coast Guard unit for further information. Maintained during the seasonal operation of the US Coast Guard Search and Rescue Detachment.
8672	Port of Gold Beach Channel Buoys (8)	42-25-25.000N 124-25-10.000W				Red or green drums.	Private aid.
	QUILLE RIVER ENTRANCE (Char	t 18588)					
Coq 8675 600	uille River - Entrance Lighted Whistle Buoy 2	43-08-07.757N 124-27-50.720W	FIR 4s		4	Red.	
8680	- Entrance Lighted Buoy 4	43-07-41.495N 124-27-03.790W	FIR 6s		4	Red.	
8690	- ENTRANCE RANGE FRONT LIGHT	43-07-15.057N 124-24-44.819W	QW	21		KRB on skeleton tower.	Visible 4° each side of rangeline.
8695	 ENTRANCE RANGE REAR LIGHT 304 yards, 101.8° from front light. 	43-07-13.209N 124-24-32.783W	Iso W 6s	46		KRB on skeleton tower.	Visible 14° each side of rangeline.
8700	- SOUTH JETTY LIGHT 8	43-07-22.005N 124-25-47.356W	FIR 4s	30	5	TR on white masonry building.	HORN: 1 blast ev 30s (3s bl). HORN is activated by keying the mic 5 times on VHF-FM Channel 83A (157.175MHz). HORN will operate for 30 minutes.
8705	- REGULATED NAVIGATION AREA WARNING SIGN (2)	43-07-14.845N 124-25-02.886W	QY	29		NW worded ROUGH BAR.	Lights flashing when bar is restricted to recreational and uninspected passenger vessels. Contact the nearest US Coast Guard unit for further information. Maintained during the seasonal operation of the US Coast Guard Search and Rescue Detachment.
8710	- Rock Buoy 11	43-07-20.479N 124-25-06.278W				Green can.	Maintained from May 20 to Oct. 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirtee	nth District			
	QUILLE RIVER ENTRANCE (Char uille River	t 18588)					
8712	- Dike Buoy 11A	43-07-18.234N 124-24-57.509W				Green can.	Maintained from May 20 to Oct. 1.
8715	 DIKE LIGHT 13 Jetty extends 25 yards south of light. 	43-07-19.447N 124-24-56.634W	FI G 2.5s	16	4	SG on multi-pile structure.	
8718	 DIKE DANGER LIGHT Marks northeast corner of jetty. 	43-07-21.085N 124-24-56.556W	FI W 4s	16	4	NW on multi-pile structure worded "DANGER DIKE".	
8720	- LIGHT 14	43-07-16.693N 124-24-42.000W	FIR 4s	15	4	TR on breakwater.	
8725	- Buoy 15	43-07-19.639N 124-24-42.375W				Green can.	Maintained from May 20 to Oct. 1.
8727	Bullards Highway Bridge Coquille River mile: 3.5	43-08-49.000N 124-23-44.000W				Vertical lift bridge.	
8728 613	Scripps Institute Wave Recorder Lighted Buoy 46229/139	43-46-12.600N 124-32-54.720W	FI (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
	OS BAY (Chart 18587)						
8730 615	s Bay - Approach Lighted Whistle Buoy K	43-22-15.706N 124-23-06.765W	Mo (A) W		4	Red and white stripes.	AIS: MMSI 993692040 (21). No topmark will be shown on this aid as required by IALA standards due to weather.
8735	- Entrance Lighted Bell Buoy 1	43-21-51.603N 124-21-47.937W	FI G 2.5s		4	Green.	
8740	- ENTRANCE RANGE FRONT LIGHT	43-20-58.566N 124-19-31.718W	QR	26		KRB on skeleton tower, on multi-pile structure. On same structure as Coos Bay Inside Range A Front Light.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
8745	- ENTRANCE RANGE REAR LIGHT 733 yards, 115.9° from front light.	43-20-49.083N 124-19-04.919W	Iso R 6s	64		KRB on skeleton tower, on multi-pile structure.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
8750	- Entrance Lighted Buoy 2	43-21-28.140N 124-21-09.450W	FIR 4s		4	Red.	
8755	- North Jetty Lighted Whistle Buoy 3	43-21-43.758N 124-21-19.641W	FI G 4s		4	Green.	
8760	- NORTH JETTY LIGHT 3A	43-21-30.289N 124-20-39.228W	FI G 2.5s	23	4	Green pile structure.	Due to weather conditions the dayboards have been removed from this aid.
8762	- North Jetty Sound Signal	43-21-30.660N 124-20-40.915W					HORN: 1 blast ev 30s (3s bl). Sound signal sounded continuously from May 20 to Oct. 1.
8765	Guano Rock Lighted Whistle Buoy 4	43-21-14.908N 124-20-25.771W	FIR 4s		4	Red.	
8775	- Channel Lighted Bell Buoy 5	43-21-12.874N 124-19-55.126W	QG		4	Green.	
8780	- Channel Lighted Buoy 5A	43-21-16.871N 124-19-35.743W	FI G 4s		4	Green.	
8785	- INSIDE RANGE A FRONT LIGHT	43-20-58.581N 124-19-31.665W	QG	32		KRB on skeleton tower, on multi-pile structure. On same structure as Coos Bay Entrance Range Front Light.	Visible 4° each side of rangeline.
8790	 INSIDE RANGE A REAR LIGHT 184 yards, 203.3° from front light. 	43-20-53.591N 124-19-34.619W	Iso G 6s	50		KRB on pile structure.	Visible 9° each side of rangeline.
8792	- Channel Lighted Buoy 6	43-21-03.901N 124-19-52.141W	FI R 2.5s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	DO DAY (Ob. 1 40507)		OREGON - Thirtee	nth District			
	OS BAY (Chart 18587) s Bay						
8794	- Channel Lighted Buoy 6A	43-21-12.988N 124-19-22.010W	QR		4	Red.	
8800	- CHANNEL LIGHT 7	43-21-29.917N 124-19-18.408W	FI G 6s	16	4	SG on multi-pile structure.	
8805	- INSIDE RANGE B FRONT LIGHT	43-22-08.535N 124-18-50.465W	Q W	24		KRB on multi-pile structure.	Visible 4° each side of rangeline
8810	 INSIDE RANGE B REAR LIGHT 234 yards, 023.3° from front light. 	43-22-14.914N 124-18-46.703W	Iso W 6s	43		KRB on skeleton tower, on multi-pile structure.	Visible 5.5° each side of rangeline.
8815	- RANGE A FRONT LIGHT	43-21-40.068N 124-19-14.011W	QW	15		KRG on multi-pile structure	Visible 4° each side of rangeline
8820	 RANGE A REAR LIGHT 333 yards, 223.7° from front light. 	43-21-32.943N 124-19-23.342W	Iso W 6s	37		KRG on multi-pile structure.	Visible 5.5° each side of rangeline.
8825	- Channel Lighted Buoy 8	43-21-42.069N 124-19-03.151W	FIR 6s		4	Red.	
8830	- Channel Lighted Buoy 10	43-21-54.014N 124-18-51.880W	FIR 4s		4	Red.	
8831	- Channel Lighted Buoy 10A	43-22-12.292N 124-18-28.288W	FIR 4s		4	Red.	
8835	- Channel Lighted Buoy 11	43-22-37.708N 124-18-03.070W	FI G 4s		4	Green.	
8840	- Channel Lighted Buoy 12	43-22-58.235N 124-17-28.298W	QR		4	Red.	
8845	- RANGE B FRONT LIGHT	43-23-15.497N 124-17-08.772W	QR	28		KRW on multi-pile structure.	Visible 1.5° each side of rangeline.
8850	 RANGE B REAR LIGHT 534 yards, 043.8° from front light. 	43-23-26.904N 124-16-53.763W	Iso R 6s	39		KRW on skeleton tower, on multi-pile structure. On same structure as Jarvis Lower Range A Rear Light.	Visible 1.5° each side of rangeline.
Emp	oire Range						
8855	- A FRONT LIGHT	43-22-30.171N 124-17-49.008W	QR	22		KRB on multi-pile structure.	Visible 1.5° each side of rangeline.
8860	 A REAR LIGHT 276 yards, 204.8° from front light. 	43-22-22.761N 124-17-53.710W	Iso R 6s	35		KRB on skeleton tower on multi-pile structure.	Visible 1.5° each side of rangeline.
8865	- B FRONT LIGHT	43-24-49.413N 124-16-20.671W	QR	20		KRB on multi-pile structure.	Visible 4° each side of rangeline
8870	 B REAR LIGHT 509 yards, 024.8° from front light. 	43-25-03.101N 124-16-11.983W	Iso R 6s	38		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline
Coo	s Bay						
8875	- Channel Lighted Buoy 14	43-23-31.076N 124-17-06.617W	FIR 6s		4	Red.	
8890	- Channel Lighted Buoy 15	43-23-57.616N 124-16-58.478W	FI G 6s		4	Green.	
8905	- Channel Lighted Buoy 16	43-24-01.696N 124-16-44.937W	FIR 4s		4	Red.	
8910	JARVIS LOWER RANGE A FRONT LIGHT	43-23-35.020N 124-16-52.039W	QR	23		KRB on multi-pile structure.	Visible 4° each side of rangeline
8915	JARVIS LOWER RANGE A REAR LIGHT 275 yards, 188.6° from front light.	43-23-26.951N 124-16-53.720W	Iso R 6s	40		KRB on skeleton tower on multi-pile structure. On same structure as Coos Bay Range B Rear Light.	Visible 4° each side of rangeline
8920	- LIGHT 17	43-24-16.147N 124-16-50.028W	FI G 4s	17	4	SG on dolphin.	
8925	JARVIS LOWER RANGE B FRONT LIGHT	43-25-07.710N 124-16-32.764W	QR	16		KRB on multi-pile structure.	Visible 4° each side of rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirtee	nth District			
	S BAY (Chart 18587) s Bay						
8930	JARVIS LOWER RANGE B REAR LIGHT 292 yards, 008.7° from front light.	43-25-16.273N 124-16-30.961W	Iso R 6s	48		KRB on skeleton tower. On same structure as Jarvis Upper Range A Rear Light.	Visible 4° each side of rangeline.
8935	- Channel Lighted Buoy 18	43-24-46.477N 124-16-33.717W	QR		4	Red.	
8940	JARVIS DIKE LIGHT 19	43-25-01.352N 124-16-35.546W	FI G 4s	16	4	SG on multi-pile structure.	
8942	- Channel Lighted Buoy 20	43-24-59.536N 124-16-23.269W	FIR 4s		4	Red.	
8945	JARVIS UPPER RANGE A FRONT LIGHT	43-25-18.006N 124-16-18.490W	QR	14		KRB on multi-pile structure.	Visible 1.5° each side of rangeline.
8950	JARVIS UPPER RANGE A REAR LIGHT 312 yards, 259.4° from front light.	43-25-16.300N 124-16-30.948W	Iso R 6s	48		KRB on skeleton tower. On same structure as Jarvis Lower Range B Rear Light.	Visible 1.5° each side of rangeline.
8951	- Channel Lighted Buoy 21	43-25-14.121N 124-16-20.289W	FI G 4s		4	Green.	
8952	- Channel Lighted Buoy 22	43-25-11.483N 124-16-09.431W	FI R 2.5s		4	Red.	
8955	- Channel Lighted Buoy 23	43-25-22.780N 124-16-00.409W	FI G 2.5s		4	Green.	
8960	JARVIS UPPER RANGE B FRONT LIGHT	43-25-41.823N 124-13-24.102W	QW	22		KRB on multi-pile structure.	Visible 5.5° each side of rangeline.
8965	JARVIS UPPER RANGE B REAR LIGHT 433 yards, 079.4° from front light.	43-25-44.182N 124-13-06.789W	Iso W 6s	45		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline.
8970	NORTH BEND OUTFALL LIGHT	43-25-12.000N 124-15-36.000W	FIY 10s	12		On dolphin at end of submerged outfall pipe.	Private aid.
8975	DOUGLAS FIR DOCK LIGHT A	43-25-28.620N 124-15-36.360W	FIY4s			On dolphin.	Private aid.
8976	DOUGLAS FIR DOCK LIGHT B	43-25-29.460N 124-15-31.020W	FIY4s			On pier.	Private aid.
8977	DOUGLAS FIR DOCK LIGHT C	43-25-29.880N 124-15-26.160W	FIY4s			On pier.	Private aid.
8978	DOUGLAS FIR DOCK LIGHT D	43-25-31.200N 124-15-17.640W	FI Y 4s			On pier.	Private aid.
8985	 CHANNEL LIGHT 25 250 feet outside channel limit. 	43-25-33.465N 124-15-02.178W	FI G 4s	15	4	SG on multi-pile structure.	
8990	- Railroad Bridge Coos Bay mile: 9.0	43-25-37.000N 124-14-09.000W				Swing bridge.	
9000	- CHANNEL LIGHT 28 75 feet outside channel limit.	43-25-34.370N 124-13-43.483W	FIR 4s	15	4	TR on dolphin.	
9005	- Channel Lighted Buoy 29	43-25-43.102N 124-13-38.575W	QG		3	Green.	
9009	McCullough Highway Bridge Coos Bay mile: 9.5	43-25-35.000N 124-13-20.000W				Fixed bridge.	
9010	NORTH BEND LOWER RANGE FRONT LIGHT	43-25-29.826N 124-13-01.468W	QG	15		KRB on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.
9015	NORTH BEND LOWER RANGE REAR LIGHT 159 yards, 112.1° from front light.	43-25-28.052N 124-12-55.453W	Iso G 6s	32		KRB on skeleton tower on multi-pile structure. On same structure as North Bend Range Rear Light.	Visible all around.
9020	NORTH BEND RANGE FRONT LIGHT	43-25-23.166N 124-12-56.554W	QG	18		KRB on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
cod	OS BAY (Chart 18587)		OREGON - Thirtee	nth District			
	NORTH BEND RANGE REAR LIGHT 167 yards, 009.3° from front light.	43-25-28.052N 124-12-55.453W	Iso G 6s	32		KRB on skeleton tower on multi-pile structure. On same structure as North Bend Lower Range Rear Light.	Visible all around.
9030	- CHANNEL LIGHT 35	43-24-36.397N 124-13-02.293W	FI G 2.5s	16	4	SG on dolphin.	
9035	- CHANNEL LIGHT 36	43-24-29.981N 124-13-12.947W	FIR 4s	16	4	TR on multi-pile structure.	
9040	NORTH BEND UPPER RANGE FRONT LIGHT	43-23-33.203N 124-12-50.215W	QG	20		KRB on multi-pile structure .	Visible 4.5° each side of rangeline.
9045	NORTH BEND UPPER RANGE REAR LIGHT 238 yards, 164.0° from front light.	43-23-26.412N 124-12-47.544W	Iso G 6s	33		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline
9050	FERNDALE LOWER RANGE FRONT LIGHT	43-24-03.402N 124-12-51.559W	QW	20		KRB on multi-pile structure.	Visible 14° each side of rangeline.
9055	FERNDALE LOWER RANGE REAR LIGHT 339 yards, 013.0° from front light.	43-24-13.177N 124-12-48.466W	Iso W 6s	32		KRB on skeleton tower on multi-pile structure.	Visible 14° each side of rangeline.
9060	- CHANNEL LIGHT 37	43-23-00.956N 124-13-02.285W	FI G 2.5s	16	4	SG on pile.	
9065	FERNDALE UPPER RANGE FRONT LIGHT	43-22-22.359N 124-12-25.896W	QG	15		KRB on multi-pile structure.	Visible all around.
9070	FERNDALE UPPER RANGE REAR LIGHT 199 yards, 140.1° from front light.	43-22-17.847N 124-12-20.720W	Iso G 6s	26		KRB on skeleton tower.	Visible 4° each side of rangeline
9075	MARSHFIELD RANGE FRONT LIGHT	43-22-34.766N 124-12-25.740W	QG	15		KRB on multi-pile structure.	Visible all around.
9080	MARSHFIELD RANGE REAR LIGHT 237 yards, 018.5° from front light.	43-22-41.430N 124-12-22.680W	Iso G 6s	33		KRB on skeleton tower.	Visible all around.
9085	ISTHMUS SLOUGH LIGHT 43	43-21-51.237N 124-12-31.393W	FI G 4s	15	4	SG on dolphin.	
9087	Isthmus Slough Highway Bridge Isthmus Slough mile: 1.0	43-21-23.000N 124-11-38.000W				Bascule bridge.	
9089	Coos City Highway Bridge Isthmus Slough mile: 6.0	43-18-03.000N 124-12-30.000W				Bascule bridge.	
Coo 9090	s River MARSHFIELD CHANNEL RANGE FRONT LIGHT	43-22-27.909N 124-10-54.763W	QR	20		KRB on dolphin.	Visible all around.
9095	MARSHFIELD CHANNEL RANGE REAR LIGHT 492 yards, 090.2° from front light.	43-22-27.870N 124-10-34.735W	Iso W 6s	29		KRB on skeleton tower.	Visible all around.
9101	- ENTRANCE LIGHT 1	43-22-30.607N 124-11-15.204W	FI G 4s	14	4	SG on pile.	
9103	- Channel Buoy 1A	43-22-39.240N 124-10-46.650W				Green can.	Position may be shifted with changing conditions.
9105	- Channel Buoy 3	43-22-37.446N 124-10-42.270W				Green can.	Position may be shifted with changing conditions.
9120	- CHANNEL LIGHT 8	43-22-09.508N 124-10-39.862W	FIR 4s	14	4	TR on dolphin.	
9125	Chandler Highway Bridge Coos River mile: 2.2	43-21-58.000N 124-09-11.000W				Vertical lift bridge.	
9130	Anson Rogers Highway Bridge South Fork Coos River mile: 2.2	43-21-56.000N 124-04-57.000W				Fixed bridge.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirtee	enth District			
	OS BAY (Chart 18587) th Slough						
9135	- LIGHT 1	43-21-18.097N 124-19-07.140W	FI G 2.5s	17	4	SG on multi-pile structure.	
9140	- Lighted Buoy 2	43-21-17.467N 124-19-12.544W	FI R 2.5s		3	Red.	
9145	- LIGHT 4	43-21-11.443N 124-19-07.984W	FIR 4s	17	4	TR on pile.	
9150	- REGULATED NAVIGATION AREA WARNING SIGN	43-20-51.391N 124-19-16.176W	QY	12		NW worded ROUGH BAR on pile.	Lights flashing when bar is restricted to recreational and uninspected passenger vessels. Contact the nearest US Coast Guard unit for further information
9155	- Lighted Buoy 6 50 feet outside channel limit.	43-21-02.807N 124-19-09.004W	FIR 6s		4	Red.	Position frequently shifted with changing conditions.
9160	- Buoy 5	43-21-05.648N 124-19-04.432W				Green can.	Position frequently shifted with changing conditions.
9165	- LIGHT 8 75 feet outside channel limit.	43-20-51.532N 124-19-11.897W	FI R 2.5s	16	4	TR on pile.	Obscured from 055° to 160°.
9170	- LIGHT 9 50 feet outside channel limit.	43-20-47.451N 124-19-08.546W	FI G 4s	16	4	SG on pile.	
9175	 Daybeacon 10 50 feet outside channel limit. 	43-20-37.099N 124-19-16.266W				TR on multi-pile structure.	
9180	- Highway Bridge South Slough mile: 0.7	43-20-20.000N 124-19-16.000W				Bascule bridge.	
Nor 9185	th Slough - Channel Daybeacon 4	43-26-06.000N 124-14-00.000W				TR on pile.	Private aid.
-	nes Inlet	40.00.00.0001					5
9195	- Channel Daybeacon 1	43-26-06.000N 124-13-42.000W				SG on pile.	Private aid.
9197	- Oyster Farm Warning Sign A	124-13-21.792W				NW on post.	Private aid.
9198	- Oyster Farm Warning Sign B	43-25-02.514N 124-11-56.227W				NW on post.	Private aid.
9200	- Channel Daybeacon 4	43-26-36.000N 124-12-54.000W				TR on pile.	Private aid.
9205	- Channel Daybeacon 5	43-26-48.000N 124-12-42.000W				SG on pile.	Private aid.
9210	- Channel Daybeacon 7	43-26-54.000N 124-12-30.000W				SG on pile.	Private aid.
9215	- Channel Daybeacon 8	43-26-54.000N 124-12-00.000W				TR on pile.	Private aid.
	PQUA RIVER (Chart 18584)						
9220 625	oqua River - Approach Lighted Whistle Buoy U	43-39-58.232N 124-14-25.484W	Mo (A) W		4	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
9230	- Entrance Lighted Buoy 2	43-39-58.381N 124-13-46.006W	FIR 4s		4	Red.	
9235	- BAR RANGE FRONT LIGHT	43-40-05.349N 124-12-08.273W	QR	24		KRB on skeleton tower.	Visible 1.5° each side of rangeline.
9240	 BAR RANGE REAR LIGHT 292 yards, 086.1° from front light. 	43-40-05.946N 124-11-56.371W	Iso R 6s	47		KRB on skeleton tower.	Visible 1.5° each side of rangeline.
9245	- SOUTH JETTY LIGHT 2A	43-39-57.805N 124-13-07.080W	FI R 2.5s	15	4	Red pile structure.	AIS: MMSI 993692063 (21). Due to weather conditions, dayboards are not displayed on this aid.
9247	- South Jetty Sound Signal	43-39-58.761N 124-13-09.820W					HORN: 1 blast ev 15s (2s bl). Maintained from May 20 to Oct 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
UMF	QUA RIVER (Chart 18584)		OREGON - Thirteen	th District			
	oqua River - REGULATED NAVIGATION AREA WARNING SIGN	43-40-10.597N 124-11-55.896W	QY	16		NW worded ROUGH BAR. On same structure as Umpqua River Light 6.	Lights flashing when bar is restricted to recreational and uninspected passenger vessels. Contact the nearest US Coast Guard unit for further information
9255	- LIGHT 6	43-40-10.597N 124-11-55.896W	FIR 4s	32	5	TR on single steel pile. On same structure as Umpqua River Regulated Navigation Area Warning Sign.	
9260 620	- LIGHT	43-39-44.258N 124-11-54.719W	Al WR 15s 0.1s W fl 4.9sec. 0.1s W fl 4.9sec. 0.1s R fl 4.9sec.			White conical concrete tower.	Lighted throughout 24 hours. Private aid.
9265	- CHANNEL RANGE FRONT LIGHT	43-41-20.534N 124-11-08.187W	QW	24		KRB on multi-pile structure.	Visible 10° each side of rangeline.
9270	- CHANNEL RANGE REAR LIGHT 394 yards, 026.7° from front light.	43-41-30.959N 124-11-00.965W	Iso W 6s	39		KRB on skeleton tower.	Visible 10° each side of rangeline.
9275	- LIGHT 6A	43-40-29.100N 124-11-38.208W	FIR 6s	16	4	TR on pile.	
9280	- LIGHT 8	43-40-57.222N 124-11-12.545W	FI R 2.5s	22	4	TR on pile structure.	
9284	Winchester Bay Harbor Entrance Buoy 1 Marks encroaching shoal.	43-40-59.683N 124-11-10.568W				Green can.	
9287	Winchester Bay West Basin Regulatory Lighted Buoy A	43-40-58.260N 124-11-03.000W	FI W 4s			White and orange.	Maintained from Jun. 1 to Sep 30. Private aid.
9289	Winchester Bay West Basin Regulatory Lighted Buoy B	43-40-55.680N 124-10-57.960W	FI W 4s			White and orange.	Maintained from Jun. 1 to Sep 30. Private aid.
9290	SALMON HARBOR ENTRANCE LIGHT 1	43-41-09.043N 124-10-49.938W	FI G 4s	15	4	SG on multi-pile structure.	
9295	SALMON HARBOR ENTRANCE LIGHT 2	43-41-07.585N 124-10-54.528W	FIR 4s	15	4	TR on multi-pile structure.	
9297	Winchester Bay East Basin Regulatory Lighted Buoy A	43-41-01.740N 124-10-46.380W	FI W 4s			White and orange.	Maintained from Jun. 1 to Sep 30. Private aid.
9299	Winchester Bay East Basin Regulatory Lighted Buoy B	43-41-00.960N 124-10-46.380W	FI W 4s			White and orange.	Maintained from Jun. 1 to Sep 30. Private aid.
9300	- LIGHT 12	43-42-58.523N 124-09-11.430W	FIR 4s	22	4	TR on multi-pile structure.	
9305	BARRETTS RANGE FRONT LIGHT	43-43-52.011N 124-09-58.857W	QW	19		KRB on multi-pile structure.	Visible all around.
9310	BARRETTS RANGE REAR LIGHT 264 yards, 331.2° from front light.	43-43-58.880N 124-10-04.062W	Iso W 6s	40		KRB on skeleton tower.	Visible 1.5° each side of rangeline.
9315	- LIGHT 15	43-43-26.155N 124-09-46.922W	FI G 4s	15	4	SG on pile.	
9320	- DIKE LIGHT 17	43-44-03.585N 124-09-52.929W	FI G 2.5s	16	4	SG on pile.	
9321	- LIGHT 19	43-44-43.595N 124-09-07.645W	FI G 6s	15	4	SG on pile.	
9325	- LIGHT 20	43-44-52.896N 124-08-21.378W	FIR 6s	15	4	TR on pile.	
9335	- LIGHT 21	43-44-55.137N 124-07-54.194W	FI G 2.5s	16	4	SG on multi-pile structure.	
9340	- CHANNEL LIGHT 22	43-44-48.433N 124-07-58.879W	FIR 6s	16	4	TR on pile.	Ra ref.
9345	- DIKE LIGHT 23	43-44-32.029N 124-07-46.578W	FI G 4s	17	4	SG on pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirtee	enth District			
	PQUA RIVER (Chart 18584) oqua River						
9346	LEEDS ISLAND RANGE FRONT LIGHT	43-43-20.459N 124-07-36.991W	QW	21		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
9347	LEEDS ISLAND RANGE REAR LIGHT 400 yards, 172.6° from front light.	43-43-08.697N 124-07-34.878W	Iso W 6s	35		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
9350	- DIKE LIGHT 24	43-44-06.626N 124-07-51.451W	FI R 2.5s	16	4	TR on multi-pile structure.	
9360	- LIGHT 26	43-43-22.359N 124-07-35.808W	FIR 4s	15	4	TR on multi-pile structure.	
9365	- Channel Daybeacon 28	43-43-02.810N 124-07-07.815W				TR on pile.	
9367	Reedsport Highway 101 Bridge Umpqua River mile: 11.1	43-42-35.000N 124-06-04.000W				Swing bridge.	
9369	Yaquina River Railroad Bridge Umpqua River mile: 11.5	43-42-26.000N 124-05-45.000W				Swing bridge.	
9371	Scholfield Creek Channel Buoy 2	/ 43-42-36.741N 124-06-23.468W				Red nun.	
9375	Scholfield Creek Channel Daybeacon 3	43-42-35.667N 124-06-22.401W				SG on dolphin.	
9380	GARDINER PAPER MILL DOCK LIGHT	43-44-28.000N 124-07-15.000W	FY	13		On dock.	Private aid.
9395	SMITH RIVER LIGHT 2	43-42-22.615N 124-05-12.912W	FIR 4s	16	4	TR on skeleton tower.	
	SLAW RIVER (Chart 18583)						
9435 630	slaw River - Approach Lighted Whistle Buoy S	44-01-08.244N 124-09-40.071W	Mo (A) W		4	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
9440	- ENTRANCE RANGE FRONT LIGHT	44-01-01.454N 124-07-49.630W	QR	35		KRB on skeleton tower. On same structure as Siuslaw River Inner Range Rear Light.	Visible 4.5° each side of rangeline.
9445	- ENTRANCE RANGE REAR LIGHT 296 yards, 094.3° from front light.	44-01-00.793N 124-07-37.499W	Iso R 6s	61		KRB on skeleton tower.	Visible 4° each side of rangeline.
9451	- NORTH JETTY LIGHT 3	44-01-08.839N 124-08-46.512W	FI G 2.5s	15	4	Green pile structure.	Due to weather conditions, the dayboards have been permanently removed from this aid.
9452	- North Jetty Sound Signal	44-01-08.713N 124-08-46.260W					Maintained from May 20 to Oct. 1. HORN: 1 blast ev 30s (3s bl).
9453	- Channel Buoy 4	44-00-59.068N 124-08-02.329W				Red nun.	
9455	- REGULATED NAVIGATION AREA WARNING SIGN		QY	37		NW worded ROUGH BAR.	Lights flashing when bar is restricted to recreational and uninspected passenger vessels. Contact the nearest US Coast Guard unit for further information
9465	- LIGHT 5	44-01-00.950N 124-07-57.914W	FI G 4s	15	4	SG on concrete platform.	
9470	- INNER RANGE FRONT LIGHT	44-00-58.691N 124-07-49.681W	FI W 2.5s	21		KRB on skeleton tower.	Visible all around; high intensity 1.5° each side of rangeline.
9475	- INNER RANGE REAR LIGHT 92 yards, 001.4° from front light.	44-01-01.417N 124-07-49.590W	Iso W 6s	34		KRB on skeleton tower. On same structure as Siuslaw River Entrance Range Front Light.	Visible 10° each side of rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SIU	SLAW RIVER (Chart 18583)		OREGON - Thirte	enth District			
Sius	slaw River	44 00 E2 912N				Rod nun	
9480	- Channel Buoy 6	44-00-53.813N 124-07-54.327W				Red nun.	
9485	- Channel Buoy 7	44-00-53.356N 124-07-50.023W				Green can.	
9490	- LIGHT 8	44-00-29.791N 124-07-51.306W	FIR 4s	16	4	TR on pile.	
9495	 CHANNEL LIGHT 9 100 feet outside channel limit. 	44-00-27.919N 124-07-45.378W	FI G 4s	15	4	SG on pile.	Ra ref.
9501	- Channel Buoy 11	44-00-16.903N 124-07-37.308W				Green can.	
9505	- CHANNEL LIGHT 12	44-00-06.551N 124-07-28.492W	FI R 2.5s	15	4	TR on pile.	
9510	- CHANNEL LIGHT 13	44-00-10.079N 124-07-25.444W	FI G 2.5s	20	5	SG on multi-pile structure.	Visible all around; higher intensity upstream.
9520	- CHANNEL LIGHT 14	43-59-19.397N 124-07-17.061W	FIR 4s	19	4	TR on pile.	
9535	 Dike Daybeacon 16 100 feet outside channel limit. 	43-58-58.484N 124-07-34.989W				TR on pile.	
9536	- LIGHT 18	43-58-49.387N 124-07-37.584W	FIR 4s	15	4	TR on pile.	
9540	 Dike Daybeacon 20 40 feet outside channel limit. 	43-58-39.415N 124-07-37.608W				TR on pile.	
9545	- Dike Daybeacon 22	43-58-21.484N 124-07-29.733W				TR on pile.	
9550	- CHANNEL LIGHT 23	43-58-14.658N 124-07-14.960W	FI G 4s	18	4	SG on pile.	
9555	 Channel Daybeacon 25 50 feet outside channel limit. 	43-58-05.513N 124-07-01.887W				SG on pile.	
9558	Florence Highway 101 Bridge Siuslaw River mile: 4.5	43-57-52.000N 124-06-31.000W				Bascule bridge.	
9560	 Channel Daybeacon 26 100 feet outside channel limit. 	43-57-53.448N 124-06-16.486W				TR on pile.	Ra ref.
9565	 Channel Daybeacon 28 50 feet outside channel limit. 	43-57-59.659N 124-06-04.310W				TR on pile.	
9567	RESTROOM FLOAT PILING LIGHT A	43-57-59.292N 124-05-47.508W	FIY6s			NY on single steel pile.	Private aid.
9568	RESTROOM FLOAT PILING LIGHT B	43-57-59.290N 124-05-47.150W	FIY6s			NY on single steel pile.	Private aid.
9570	- Channel Daybeacon 29	43-58-07.314N 124-04-54.254W				SG on pile.	
9573	Cushman Railroad Bridge Siuslaw River mile: 8.0	43-59-01.000N 124-02-43.000W				Swing bridge.	
	PROACHES TO YAQUINA AND DI	EPOE BAY (Chart 1	8561)				
9574	ea Bay - Highway 101 Bridge Alsea Bay mile: 2.0	44-26-01.000N 124-04-20.000W				Fixed bridge.	
Yaq 9575	uina Bay - Approach Lighted Whistle	44-35-52.542N	Mo (A) W		5	Red and white	AIS: MMSI 993696002 (21). No
645	Buoy Y	124-06-45.046W	Wio (ri) W		·	stripes.	topmark will be shown on this aid as required by IALA standards due to weather.
9580	- ENTRANCE RANGE FRONT LIGHT 8	44-37-08.031N 124-03-34.113W	QR	25		KRB on multi-pile structure. TR orientated on channel side.	Lighted throughout 24 hours. Visible all around, higher intensity 1.5° each side of rangeline.
9585	- ENTRANCE RANGE REAR LIGHT 386 yards, 061° from front light.	44-37-13.579N 124-03-20.099W	Iso R 6s	52		KRB on skeleton tower on multi-pile structure.	Lighted throughout 24 hours. Visible 1.5° each side of rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
APP	PROACHES TO YAQUINA AND DI	EPOE BAY (Chart 1	OREGON - Thirtee 8561)	nth District			
	uina Bay - Entrance Lighted Gong Buoy	•	, FI G 2.5s		4	Green.	AIS: MMSI 993696003 (21).
	1	124-06-03.622W					, ,
9595	- Entrance V-AIS 2	44-36-07.665N 124-06-01.030W					Virtual AIS: MMSI 993696004 (21).
9600	- Entrance Lighted Buoy 3	44-36-27.575N 124-05-24.003W	FI G 4s		4	Green.	AIS: MMSI 993696005 (21), maintained all year. Buoy maintained from May 1 to Oct. 1.
9605	- SOUTH JETTY LIGHT 4	44-36-33.895N 124-04-45.739W	FI R 2.5s	17	4	Red pile structure on jetty.	AIS: MMSI 993696006 (21). Due to heavy weather conditions, the dayboards have been permanently removed from this aid.
9607	- South Jetty Sound Signal	44-36-35.527N 124-04-42.283W					HORN 1 blast ev 15s (2s bl). Operates continuously Maintained from May 20 to Oct. 1.
9608	- North Jetty V-AIS 5	44-36-43.573N 124-04-50.120W					Virtual AIS: MMSI 993696007 (21).
9610	- Channel Lighted Buoy 7	44-37-03.985N 124-03-51.245W	FI G 2.5s		4	Green.	
9613	OLD YAQUINA BAY LIGHTHOUSE	44-37-26.983N 124-03-46.866W	F W	165		On white tower.	Private aid.
9620	- INNER RANGE FRONT LIGHT	44-37-44.137N 124-02-59.310W	QR	17		KRB on multi-pile structure.	Visible 4° each side of rangeline
9625	- INNER RANGE REAR LIGHT 157 yards, 040.6° from front light.	44-37-47.663N 124-02-55.071W	Iso R 6s	30		KRB on skeleton tower on multi-pile structure.	Visible 10° each side of rangeline.
9627	- Highway 101 Bridge Yaquina Bay mile: 0.7	44-37-22.000N 124-03-26.000W				Fixed bridge.	
9630	- ENTRANCE REGULATED NAVIGATION AREA WARNING SIGN	44-37-29.071N 124-03-26.629W	QY	22		NW worded ROUGH BAR on skeleton tower.	Lights (4) flashing when bar is restricted to recreational and uninspected passenger vessels. Contact the nearest US Coast Guard unit for further information
9635	SOUTHBEACH MARINA LIGHT 2	44-37-25.939N 124-03-14.791W	FIR 4s	14	4	TR on pile.	
9640	Southbeach Marina Daybeacon 3	44-37-27.175N 124-03-12.194W				SG on pole on jetty.	
9644	- Channel Lighted Buoy 9	44-37-34.962N 124-03-14.984W	FI G 2.5s		4	Green.	
9646	NOAA PIER LIGHT A	44-37-32.448N 124-03-05.254W	FIY4s			Yellow.	Private aid.
9647	NOAA PIER LIGHT B	44-37-34.288N 124-02-58.575W	FIY4s			Yellow.	Private aid.
9648	NOAA PIER LIGHT C	44-37-34.877N 124-02-55.078W	FIY4s			Yellow.	Private aid.
9649	NOAA PIER LIGHT D	44-37-34.470N 124-02-47.888W	FIY4s			Yellow.	Private aid.
9650	- Channel Lighted Buoy 11	44-37-40.365N 124-02-56.343W	FI G 4s		4	Green.	
9652	OSU DOCK LIGHT	44-37-30.600N 124-02-37.200W	FY			On steel pile.	Private aid.
9657	Boat Basin Warning Marker	44-37-48.000N 124-03-06.000W				NW on pile worded DANGER SUBMERGED JETTY.	Private aid.
9660	- BOAT BASIN WEST LIGHT	44-37-48.073N 124-03-03.901W	FIY4s	15	5	NY on pile.	
9665	- BOAT BASIN EAST LIGHT	44-37-42.360N 124-02-27.747W	FIY6s	15	5	NY on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ADD	DOACHES TO VACHINA AND D	EDOE DAY (Chart 1)	OREGON - Thirtee	enth District			
	ROACHES TO YAQUINA AND DI Jina Bay	EPOE BAT (Cliant in	5561)				
9670	 LIGHT 12 75 feet outside channel limit. 	44-37-25.603N 124-02-23.857W	FI R 2.5s	15	4	TR on multi-pile structure.	
9671	- Channel Daybeacon 12A	44-37-17.251N 124-02-04.039W				TR on multi-pile structure.	
9675	- LIGHT 14	44-36-53.903N 124-01-17.140W	FIR 4s	15	4	TR on pile.	
Yaqı	uina River						
9680	- LIGHT 17	44-36-22.831N 124-00-37.639W	FI G 4s	15	4	SG on pile.	
9690	- LIGHT 20	44-35-23.582N 124-01-22.637W	FIR 4s	16	4	TR on pile.	
9695	- Daybeacon 21	44-35-12.195N 124-01-17.963W				SG on pile.	
9705	- LIGHT 22	44-35-03.689N 124-01-26.020W	FIR 4s	16	4	TR on multi-pile structure.	
9707	- Lighted Buoy WR 23	44-35-04.269N 124-01-19.666W	QG		4	Green.	
9710	- LIGHT 25	44-34-59.560N 124-00-44.522W	FI G 4s	16	4	SG on pile.	
9716	- Daybeacon 26	44-34-47.525N 124-00-07.512W				TR on pile.	
9720	- Daybeacon 28	44-34-29.781N 123-59-16.338W				TR on pile.	
9725	- Daybeacon 30	44-34-18.054N 123-58-43.470W				TR on pile.	
9735	- Daybeacon 31	44-34-21.250N 123-58-06.342W				SG on pile.	
9740	- LIGHT 32	44-34-17.429N 123-58-00.382W	FIR 4s	16	4	TR on multi-pile stucture.	
9743	- Daybeacon 34	44-34-41.073N 123-57-53.277W				TR on pile.	
9745	- LIGHT 37	44-35-01.069N 123-57-49.939W	FI G 4s	14	4	SG on pile.	
9750	- LIGHT 38	44-35-04.343N 123-57-29.209W	FI R 2.5s	16	4	TR on pile.	
9755	- LIGHT 42	44-35-15.039N 123-56-40.811W	FIR 4s	20	4	TR on pile.	
9760	- Daybeacon 43	44-35-22.319N 123-56-24.561W				SG on pile.	
9765	- LIGHT 44	44-35-29.239N 123-56-15.085W	FIR 4s	20	4	TR on pile.	
9770	- Daybeacon 45	44-35-39.332N 123-56-15.521W				SG on pile.	
9775	- LIGHT 47	44-35-50.735N 123-56-24.530W	FI G 4s	16	4	SG on pile.	
Depo	oe Bay						
9780 655	- Approach Lighted Whistle Buoy DB	44-48-29.280N 124-05-18.871W	Mo (A) W		4	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
9785	- Entrance Lighted Bell Buoy 2	44-48-28.572N 124-04-31.793W	FIR 4s		4	Red.	
9790	- Sound Signal	44-48-32.371N 124-03-44.827W				White square house.	HORN: 1 blast ev 30s (3s bl). HORN is activated by keying the mic 5 times on VHF-FM Channel 83A (157.175MHz). HORN will operate for 15 minutes.
9795	- ENTRANCE RANGE FRONT LIGHT	44-48-33.500N 124-03-42.877W	QR	34		KWR on skeleton tower.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
9800	 ENTRANCE RANGE REAR LIGHT 16 yards, 086.2° from front light. 	44-48-33.518N 124-03-42.231W	Iso R 6s	46		KWR on skeleton tower.	Visible 4° each side of rangeline. Lighted throughout 24 hours.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteen	th District			
	ROACHES TO YAQUINA AND Doe Bay	EPOE BAY (Chart 18	3561)				
9805	- REGULATED NAVIGATION AREA WARNING SIGN	44-48-36.109N 124-03-42.133W	QY	25		NW worded ROUGH BAR.	Lights flashing when bar is restricted to recreational and uninspected passenger vessels. Contact the nearest US Coast Guard unit for further informatior Visible from 017° to 263°.
	UINA HEAD TO COLUMBIA RIV z Bay	ER (CHART 18520)					
9807	Kernville Highway 101 Bridge Siletz River mile: 2.0	44-54-01.000N 124-00-28.000W				Fixed bridge.	
TILL	AMOOK BAY (Chart 18558)						
Tilla 9808	mook Bay Scripps Institute Wave Recorder Lighted Buoy 270/46278	45-33-40.090N 123-59-25.991W	FI (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
9810 680	- Approach Lighted Whistle Buoy T	45-35-35.373N 123-58-52.353W	Mo (A) W		4	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
9817	- Entrance Lighted Buoy 2	45-34-15.896N 123-58-23.863W	QR		3	Red.	
9820	- NORTH JETTY LIGHT 3	45-34-13.719N 123-57-51.282W	FI G 2.5s	26	4	Green pile structure.	Due to weather conditions the dayboards have been permanently removed from this aid.
9822	- North Jetty Sound Signal	45-34-14.113N 123-57-50.662W					HORN: 1 blast ev 15s (2s bl). Maintained from Jun 1 to Oct. 1.
9825	- ENTRANCE REGULATED NAVIGATION AREA WARNING SIGN	45-34-13.013N 123-57-22.062W	QY	15		NW worded ROUGH BAR on skeleton tower.	Lights flashing when bar is restricted to recreational and uninspected passenger vessels. Contact the nearest US Coast Guard unit for futher information.
9830	- ENTRANCE SECTOR LIGHT	45-34-05.538N 123-56-28.048W	F W R G (G & R Sectors)	79		On skeleton tower.	Centerline bearing 092.0°. White visible 0.5° each side of centerline. Green visible from 090.0° to 091.5°. Red visible from 092.5° to 094.0°.
	baldi Channel		51.5.4		4		
9835	- LIGHT 6	45-33-54.847N 123-56-53.762W	FIR 4s	17	4	TR on concrete platform.	
9840	- LIGHT 10	45-33-28.647N 123-56-03.359W	FI R 2.5s	18	4	TR on multi-pile structure.	
9846	- LIGHT 11	45-33-16.418N 123-55-41.444W	QG	18	3	SG on multi-pile structure.	
9850	- LIGHT 12	45-33-11.354N 123-55-47.637W	QR	18	4	TR on multi-pile structure.	
9851	- LIGHT 13	45-33-15.423N 123-55-22.561W	FI G 2.5s	18	4	SG on multi-pile structure.	
9856	- LIGHT 14	45-33-11.005N 123-55-12.110W	FIR 4s	18	4	TR on multi-pile structure.	
9865	- BOAT BASIN REGULATED NAVIGATION AREA WARNING SIGN	45-33-16.013N 123-55-08.062W	QY	12		NW worded ROUGH BAR on boat house.	Lights flashing when bar is restricted to recreational and uninspected passenger vessels. Contact the nearest US Coast Guard unit for further information
9870	- LIGHT 19	45-33-13.086N 123-54-52.680W	FI G 4s	18	5	SG on multi-pile structure.	
9875	- Lighted Buoy 20 Marks shoal.	45-33-14.148N 123-54-42.269W	FI R 2.5s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirtee	nth District			
NEF	IALEM RIVER						
Neh	alem River						
9880	- Entrance Range Front Daybeacon	45-39-23.900N 123-55-50.980W				KRW on multi-pile structure.	Due to seasonal changes in entrance channel, use only with local knowledge. Private aid.
9885	 Entrance Range Rear Daybeacon 120 yards, 085° from front daybeacon. 	45-39-24.370N 123-55-46.030W				KRW on multi-pile structure.	Private aid.

COLUMBIA RIVER - Thirteenth District

PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)

Columbia River
In the event of flood conditions in the Columbia River, aids to navigation may be temporarily discontinued, lights may be extinguished or destroyed, and buoys may be extinguished or dragged off station. Under such conditions vessel operators should consult local authorities before attempting to navigate in these waters.

naviga	ate in these waters.	55		,			,
9890 695	Cape Disappointment Light	46-16-32.844N 124-03-07.831W	AI WR 30s 0.2s W fl 14.8s ec. 0.2s R fl 14.8s ec.	220	W 21 R 19	White conical tower with white band at top and bottom, black band in middle, and a black cupola with ball topmark.	Lighted throughout 24 hours.
9895	- ENTRANCE RANGE FRONT LIGHT	46-16-33.262N 124-03-05.387W	FR	196		KWB on skeleton tower.	Visible 3.0° each side of rangeline. Lighted throughout 24 hours.
9900	- ENTRANCE RANGE REAR LIGHT 628 yards, 045.2° from front light.	46-16-46.369N 124-02-46.379W	FG	260		KWB on skeleton tower.	Visible 3.0° each side of rangeline. Lighted throughout 24 hours.
9905	- Entrance Lighted Bell Buoy 1	46-13-23.946N 124-10-59.984W	FI G 4s		4	Green.	
9910	- Entrance Lighted Whistle Buoy 2	46-12-45.853N 124-08-03.525W	FIR 4s		4	Red.	
9911	- Entrance Lighted Buoy 3	46-14-15.513N 124-08-39.563W	FI G 4s		4	Green.	
9915	Clatsop Spit Lighted Whistle Buoy 4 100 yards outside channel limit.	46-13-30.770N 124-06-55.295W	FI R 2.5s		4	Red.	
9920	- South Jetty Bell Buoy 2SJ	46-14-01.875N 124-05-45.414W				Red.	
9925	Clatsop Spit Lighted Whistle Buoy 6 325 yards outside channel limit.	46-14-14.909N 124-05-51.169W	FIR 4s		4	Red.	
9930	Peacock Spit Lighted Buoy 7	46-15-07.085N 124-06-03.161W	QG		4	Green.	
9935	Clatsop Spit Lighted Whistle Buoy 8	46-14-57.565N 124-04-40.977W	QR		4	Red.	AIS: MMSI 993692367 (21).
9940	- North Jetty Lighted Bell Buoy 9	46-15-35.080N 124-05-06.753W	FI G 4s		4	Green.	
9945	SAND ISLAND RANGE FRONT LIGHT	46-15-56.977N 123-59-34.468W	QG	41		KRW on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline.
9950	SAND ISLAND RANGE REAR LIGHT 1,014 yards, 079.8° from front light.	46-16-02.281N 123-58-51.715W	Iso G 6s	64		KRW on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline.
9955	Clatsop Spit Lighted Whistle Buoy 10	46-15-13.649N 124-03-19.652W	FIR 4s		4	Red.	
9960	Peacock Spit Lighted Bell Buoy 11	46-15-43.144N 124-02-21.595W	FI G 2.5s		4	Green.	
9965	Clatsop Spit Lighted Whistle Buoy 12	46-15-05.298N 124-01-55.017W	FI R 2.5s		4	Red.	
9970	Clatsop Spit Lighted Whistle Buoy 14	46-14-56.023N 124-00-41.323W	QR		4	Red.	AIS: MMSI 993692348 (21).
	emona Sands						
9980	- Channel Lighted Bell Buoy 20	46-14-12.017N 123-59-33.357W	FI R 2.5s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PAC	IFIC OCEAN TO HARRINGTON F		LUMBIA RIVER - Th	irteenth Dis	trict		
	demona Sands	Olivi (Oliait 10321)					
9985	- Channel Lighted Bell Buoy 21	46-14-07.208N 123-58-53.720W	FI G 2.5s		4	Green.	
9990	 Channel Lighted Buoy 22 70 yards outside channel limit. 	46-13-30.483N 123-58-26.327W	FIR 4s		4	Red.	
9995	- LIGHT	46-13-32.499N 123-57-18.552W	FI W 4s	23	4	NB on multi-pile structure.	
10000	 Channel Lighted Buoy 25 250 yards outside channel limit. 	46-12-47.518N 123-56-47.228W	FI G 4s		4	Green.	
10005	FORT STEVENS WHARF LIGHT 26	46-12-26.700N 123-57-04.796W	FIR 6s	35	4	TR on multi-pile structure.	
10010	 Lighted Buoy 27 285 yards outside channel limit. 	46-11-51.759N 123-55-18.667W	FI G 2.5s		4	Green.	
10015	 Lighted Buoy 29 100 yards outside channel limit. 	46-11-31.391N 123-54-10.584W	QG		4	Green.	
10020	Desdemona Lower Sands Lighted Buoy 31 90 feet outside channel limit.	46-11-35.460N 123-53-07.623W	FI G 6s		4	Green.	
Tans	sy Point						
10025	- RANGE FRONT LIGHT	46-11-19.664N 123-55-10.106W	QR	35		KRB on skeleton tower on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.
10035	 RANGE REAR LIGHT 501 yards, 264.3° from front light. 	46-11-18.172N 123-55-31.365W	Iso R 6s	59		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
10040	- Range Lighted Buoy 33	46-11-40.394N 123-52-01.580W	FI G 4s		4	Green.	
10045	 Range Buoy 35A 68 yards outside channel limit. 	46-11-40.744N 123-51-24.189W				Green can.	
Asto	oria						
10075	- WEST BASIN LIGHT 1	46-11-26.640N 123-51-20.040W	FI G 4s			On breakwater.	Private aid.
10080	- WEST BASIN LIGHT 2	46-11-26.940N 123-51-21.780W	FIR 4s			On breakwater.	Private aid.
10083	- WEST BASIN LIGHT 3	46-11-26.100N 123-51-20.760W	FI G 4s			On breakwater.	Private aid.
10084	- WEST BASIN BREAKWATER LIGHT	46-11-26.700N 123-51-18.280W	FI Y 4s			On breakwater.	Private aid.
10086	 Highway Bridge (south channel) Columbia River mile: 13.5 	46-11-38.000N 123-51-04.000W				Fixed bridge.	
10090	Tansy Point Range Buoy 35B 68 yards outside channel limit.	46-11-43.655N 123-50-46.508W				Green can.	
10095	- LIGHT 36	46-11-32.738N 123-50-44.439W	QR	30	4	TR on pier.	
10100	- Crossing Lighted Buoy 37	46-11-47.278N 123-50-01.129W	FI G 4s		4	Green.	
10105	- LOWER RANGE FRONT LIGHT	46-11-29.534N 123-50-08.091W	Iso R 2s	45		KRB on skeleton tower on multi-pile structure.	Visible 1.5 ° each side of rangeline. Lighted throughout 24 hours.
10110	- LOWER RANGE REAR LIGHT 627 yards, 241.2° from front light.	46-11-20.583N 123-50-31.528W	Oc R 4s	176		KRB on wooden skeleton tower.	Visible 1.5 ° each side of rangeline. Lighted throughout 24 hours.
10115	 Range Lighted Buoy 39 180 yards outside channel limit. 	46-11-57.597N 123-49-19.766W	QG		4	Green.	
10120	- Range Lighted Buoy 40	46-11-52.727N 123-48-47.154W	QR		4	Red.	
10122	EAST BASIN WEST ENTRANCE LIGHT 1	46-11-45.000N 123-48-25.020W	FI G 4s			On breakwater.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PAC	IFIC OCEAN TO HARRINGTON F		LUMBIA RIVER - Th	irteenth Dis	trict		
Asto	ria						5
10123	EAST BASIN WEST ENTRANCE LIGHT 2	46-11-43.740N 123-48-28.200W	FI R 2.5s			On breakwater.	Private aid.
10124	EAST BASIN WEST ENTRANCE LIGHT 3	46-11-43.560N 123-48-25.800W	FI G 4s			On breakwater.	Private aid.
10125	EAST BASIN WEST ENTRANCE LIGHT 4	46-11-42.180N 123-48-25.800W	FI R 2.5s			On breakwater.	Private aid.
10126	EAST BASIN EAST ENTRANCE LIGHT 1	46-11-49.740N 123-47-58.140W	FI G 2.5s			On breakwater.	Private aid.
10127	EAST BASIN EAST ENTRANCE LIGHT 2	46-11-51.060N 123-47-56.880W	FIR 4s			On breakwater.	Private aid.
10128	East Basin Boat Ramp Buoy 1	46-11-44.000N 123-48-07.000W				Green can.	Private aid.
10129	East Basin Boat Ramp Buoy 2	46-11-44.000N 123-48-09.000W				Red nun.	Private aid.
10130	East Basin Boat Ramp Buoy 3	46-11-43.000N 123-48-07.000W				Green can.	Private aid.
10131	East Basin Boat Ramp Buoy 4	46-11-43.000N 123-48-09.000W				Red nun.	Private aid.
10145	- Rock Buoy	46-11-56.080N 123-47-42.876W				White can with orange bands worded DANGER ROCK.	
10150	 Range Lighted Buoy 42 200 yards outside channel limit. 	46-12-36.179N 123-46-45.062W	FIR 4s		4	Red.	
10155	Tongue Point Channel Lighted Buoy 43 50 yards outside channel limit.	46-13-02.400N 123-46-16.271W	FI G 4s		4	Green.	
10160	Tongue Point Channel Lighted Buoy 44 200 yards outside channel limit.	46-13-06.001N 123-45-23.770W	FI R 2.5s		4	Red.	
10165	Tongue Point Channel Lighted Buoy 47 30 yards outside channel limit.	46-13-39.661N 123-44-14.088W	QG		3	Green.	
Harri	ington Point						
10170	 Range Lighted Buoy 50 25 yards outside channel limit. 	46-13-37.171N 123-43-51.627W	FIR 4s		4	Red.	
10175	- RANGE FRONT LIGHT	46-15-21.280N 123-40-37.227W	QW	36		KRB on multi-pile structure.	Visible 5.5° each side of rangeline.
10180	 RANGE REAR LIGHT 1,193 yards, 053.4° from front light. 	46-15-42.362N 123-39-56.240W	Iso W 6s	61		KRB on skeleton tower on pile structure.	Visible 14° each side of rangeline.
10182	- PASSING LIGHT	46-15-42.362N 123-39-56.240W	FI W 2.5s	48	3	KRB on skeleton tower on pile structure. On same structure as Harrington Point Range Rear Light.	Obscurred from 000° to 210°.
10185	 CHANNEL LIGHT 52 175 yards outside channel limit. 	46-14-03.154N 123-42-51.045W	Iso R 2s	17	4	TR on multi-pile structure.	
10186	TONGUE POINT CHANNEL RANGE FRONT LIGHT	46-13-58.612N 123-42-48.702W	QR	31		KRB on skeleton tower on multi-pile structure.	Visible 1.5° each side of rangeline.
10187	TONGUE POINT CHANNEL RANGE REAR LIGHT 702 yards, 067.5° from front light.	46-14-06.549N 123-42-20.933W	Iso R 6s	62		KRB on skeleton tower on multi-pile structure.	Visible 1.5° each side of rangeline.
10190	- Channel Lighted Buoy 54 75 feet outside channel limit.	46-14-38.682N 123-41-51.945W	QR		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			UMBIA RIVER - Th	irteenth Dis	trict		
	RINGTON POINT TO CRIMS ISL r Sands	AND (Chart 18523)					
10195	- RANGE FRONT LIGHT	46-15-44.705N 123-38-11.996W	QG	30		KRB on multi-pile structure.	Visible 4° each side of rangeline
10200	 RANGE REAR LIGHT 669 yards, 070.6° from front light. 	46-15-51.295N 123-37-45.043W	Iso G 6s	48		KRB on skeleton tower.	Visible 4° each side of rangeline
	IFIC OCEAN TO HARRINGTON I	POINT (Chart 18521)					
Mille 10205	r Sands - Channel Lighted Buoy 2 75 yards outside channel limit.	46-14-58.907N 123-40-50.184W	FI R 2.5s		4	Red.	
10210	 Channel Lighted Buoy 3 33 yards outside channel limit. 	46-15-05.417N 123-41-06.554W	FI G 2.5s		4	Green.	
	RINGTON POINT TO CRIMS ISL r Sands	AND (Chart 18523)					
10215	DIKE LIGHT 5 83 yards outside channel limit.	46-15-23.486N 123-40-06.818W	FI G 4s	15	4	SG on multi-pile structure.	
10220	 Channel Lighted Buoy 6 50 yards outside channel limit. 	46-15-15.563N 123-39-52.912W	FIR 4s		4	Red.	
10225	- Channel Lighted Buoy 10	46-15-27.603N 123-38-55.600W	QR		4	Red.	
10230	- DIKE LIGHT 11	46-15-40.265N 123-38-31.097W	FI G 6s	19	5	SG on multi-pile structure.	
10235	PILLAR ROCK LOWER RANGE FRONT LIGHT	46-15-09.930N 123-32-36.323W	QW	38		KRB on pile structure.	Visible 5.5° each side of rangeline.
10240	PILLAR ROCK LOWER RANGE REAR LIGHT 1188 yards, 096° from front light.	46-15-06.248N 123-31-45.772W	Iso W 6s	79		KRB on skeleton tower on multi-pile structure.	Visible 5.5° each side of rangeline.
10245	- Channel Lighted Buoy 12	46-15-27.346N 123-38-18.701W	FIR 6s		4	Red.	
10250	Elliot Point Lighted Buoy 13	46-15-33.394N 123-37-03.517W	FI G 4s		4	Green.	
10252	CMOP Elliot Point Research Lighted Buoy	46-15-33.600N 123-36-30.000W	FI Y 4s			Yellow foam buoy.	Private aid.
	r Rock	10.15.00.005N	ELD 4		4	D. d.	
10255	- Lower Range Lighted Buoy 14	46-15-23.895N 123-37-08.247W	FIR 4s	40	4	Red.	
10260	- DIKE LIGHT 14A	46-15-15.494N 123-35-29.867W	FI R 2.5s	12	4	TR on multi-pile structure.	
10265	- Lighted Buoy 15	46-15-27.030N 123-35-14.005W	QG		4	Green.	
10270	- LIGHT 17	46-15-29.018N 123-35-13.547W	Iso G 6s	25	5	SG on building.	
10275	- UPPER RANGE FRONT LIGHT	46-15-38.628N 123-30-56.016W	QR	40		KRB on multi-pile structure.	Visible 4° each side of rangeline.
10280	 UPPER RANGE REAR LIGHT 1,075 yards, 083.7° from front light. 	46-15-42.136N 123-30-10.384W	Iso R 6s	57		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline.
10285	- Upper Range Lighted Buoy 18	46-15-21.307N 123-33-50.790W	FIR 4s		4	Red.	
10295	Brookfield Point Lighted Buoy 19	46-15-29.705N 123-33-38.680W	FI G 2.5s		4	Green.	
10300	Brookfield Point Lighted Buoy 21	46-15-33.131N 123-33-02.701W	QG		4	Green.	
10305	Brookfield Point Lighted Buoy 22	46-15-27.854N 123-32-34.142W	QR		4	Red.	
	h Island						
10307	- Channel Lighted Buoy 22A	46-15-44.714N 123-31-37.442W	FIR 4s		4	Red.	
10310	THREE TREE POINT LIGHT 23	46-16-01.484N 123-31-12.998W	FI G 4s	40	4	SG on platform on rock.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	RINGTON POINT TO CRIMS ISL		LUMBIA RIVER - Th	irteenth Dis	trict		
10315	th Island - Channel Lighted Buoy 26	46-16-01.038N 123-30-40.846W	FI R 2.5s		4	Red.	
10320	ROCKLAND LIGHT 27	46-16-17.613N 123-30-21.674W	FI G 2.5s	15	4	SG on pile.	
10325	- Channel Lighted Buoy 28	46-16-14.008N 123-29-56.965W	QR		4	Red.	
10330	BAYVIEW LIGHT 29	46-16-26.278N 123-29-15.515W	Iso G 2s	15	5	SG on pile.	
10335	- Channel Lighted Buoy 30	46-16-14.841N 123-28-54.688W	FIR 4s		4	Red.	
10340	SKAMOKAWA LIGHT 31	46-16-20.363N 123-28-19.281W	QG	15	4	SG on multi-pile structure.	
10345	- Channel Lighted Buoy 32	46-15-59.358N 123-28-01.545W	QR		4	Red.	
10350	SKAMOKAWA CREEK LIGHT 33	46-15-57.636N 123-27-30.143W	FI G 2.5s	15	4	SG on multi-pile structure.	
10355	SKAMOKAWA RANGE FRONT LIGHT	46-14-04.715N 123-25-26.302W	QW	26		KRB on multi-pile structure.	Visible all around; higher intensit 1.5° either side of rangeline.
10360	SKAMOKAWA RANGE REAR LIGHT 427 yards, 140.7° from front light.	46-13-54.916N 123-25-14.766W	Iso W 6s	48		KRB on skeleton tower on multi-pile structure on same structure as Puget Island Range Rear Light.	Visible 14° each side of rangeline.
10365	PRICE ISLAND LIGHT 35	46-15-16.358N 123-26-40.268W	FI G 4s	12	4	SG on multi-pile structure.	
10370	Steamboat Slough Lighted Buoy 36	46-14-45.410N 123-26-21.532W	FI R 2.5s		4	Red.	
10375	Steamboat Slough Lighted Buoy 37	46-14-39.605N 123-25-53.999W	FI G 4s		4	Green.	
10378	Steamboat Slough V-AIS 38	46-13-44.626N 123-25-42.838W					Virtual AIS: MMSI 993692032 (21).
10380	HUNTING ISLAND LIGHT 39	46-13-46.874N 123-25-23.174W	FI G 2.5s	15	4	SG on multi-pile structure.	
_	et Island						
10385	- RANGE FRONT LIGHT	46-13-39.711N 123-25-18.254W	QW	32		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline
10390	- RANGE REAR LIGHT 519 yards, 009.6° from front light.	46-13-54.872N 123-25-14.753W	Iso W 6s	48		KRB on skeleton tower on multi-pile structure. On same structure as Skamokawa Range Rear Light.	Visible 4° each side of rangeline.
10395	- Range Lighted Buoy 41	46-13-09.890N 123-25-22.138W	FI G 4s		4	Green.	
10400	CLIFTON DIKE LIGHT 42	46-12-21.080N 123-25-52.305W	FIR 4s	20	4	TR on dolphin.	
10401	- LIGHT 43	46-12-19.082N 123-25-29.132W	FI G 2.5s	20	4	SG on pile.	
10405	CLIFTON DIKE LIGHT 44	46-12-07.650N 123-26-08.085W	FIR 6s	20	4	TR on multi-pile structure.	
10407	CLIFTON CHANNEL FISH RESEARCH TRAP LIGHTS (4)	46-13-10.200N 123-28-32.365W	FIY4s			Yellow lights on wood pilings.	Private aid.
10410	HUNTS MILL POINT LIGHT 44A	46-11-36.153N 123-26-01.945W	FI R 2.5s	12	4	TR on pipe.	
10415	BUGBY HOLE LIGHT 46	46-10-54.317N 123-25-56.962W	QR	15	4	TR on multi-pile structure.	
10420	- LIGHT 47	46-10-55.385N 123-25-32.600W	QG	15	3	SG on skeleton tower.	
10425	- LIGHT 49	46-10-33.204N 123-25-11.167W	FI G 4s	17	4	SG on multi-pile structure.	

COLUMBIA RIVER - Thirteenth I	4	Yellow. KRB on skeleton tower on multi-pile structure. KRB on skeleton tower on multi-pile structure. Yellow. On pier. On dolphin. Red nun. SG on dolphin.	Private aid. Visible 5.5° each side of rangeline. Visible 10° each side of rangeline. Private aid. Private aid. Private aid.
Wauna 10428	4	KRB on skeleton tower on multi-pile structure. KRB on skeleton tower on multi-pile structure. Yellow. On pier. On dolphin. Red nun.	Visible 5.5° each side of rangeline. Visible 10° each side of rangeline. Private aid.
Buoy B	4	tower on multi-pile structure. KRB on skeleton tower on multi-pile structure. Yellow. On pier. On dolphin. Red nun.	rangeline. Visible 10° each side of rangeline. Private aid. Private aid.
123-23-09.061W 10435 - RANGE REAR LIGHT	4	tower on multi-pile structure. KRB on skeleton tower on multi-pile structure. Yellow. On pier. On dolphin. Red nun.	rangeline. Visible 10° each side of rangeline. Private aid. Private aid.
498 yards, 138.2° from front light. 10440 - Mill Water Intake Lighted Buoy A 123-23-50.144W 10445 UNITIZING DOCK LIGHT 46-09-42.000N 123-24-30.000W 10455 CHIP DOCK LIGHT 46-09-20.935N FY 123-24-01.644W 10466 Westport Slough Buoy 56 46-08-53.072N 123-23-13.193W 10460 - DIKE LIGHT 57 46-09-08.585N Q G 20 123-23-07.779W 10465 DRISCOLL RANGE FRONT 46-09-02.897N FI R 2.5s 23 LIGHT 123-23-41.650W 10470 DRISCOLL RANGE REAR 46-09-05.910N Iso R 6s 46 UIGHT 406 yards, 284.5° from front light. Westport 10475 - DIKE LIGHT 58 46-08-48.038N FI R 2.5s 15 123-22-47.918W 10480 PANCAKE POINT DIKE 46-08-58.053N FI G 6s 24 LIGHT 59 123-22-24.821W 10485 - DIKE LIGHT 60 46-08-40.070N FI R 6s 15 10485	4	tower on multi-pile structure. Yellow. On pier. On dolphin. Red nun.	rangeline. Private aid. Private aid.
Buoy A		On pier. On dolphin. Red nun.	Private aid.
123-24-30.000W 10455 CHIP DOCK LIGHT 46-09-20.935N F Y 123-24-01.644W 10456 Westport Slough Buoy 56 46-08-53.072N 123-23-13.193W 10460 - DIKE LIGHT 57 46-09-08.585N Q G 20 10465 DRISCOLL RANGE FRONT 46-09-02.897N FI R 2.5s 23 LIGHT 123-23-41.650W 10470 DRISCOLL RANGE REAR 46-09-05.910N 123-23-58.380W 406 yards, 284.5° from front light. Westport 10475 - DIKE LIGHT 58 46-08-48.038N FI R 2.5s 15 123-22-47.918W 10480 PANCAKE POINT DIKE 46-08-58.053N FI G 6s 24 LIGHT 59 123-22-24.821W 10485 - DIKE LIGHT 60 46-08-40.070N FI R 6s 15		On dolphin.	
123-24-01.644W 10456 Westport Slough Buoy 56 46-08-53.072N 123-23-13.193W 10460 - DIKE LIGHT 57 46-09-08.585N Q G 20 10465 DRISCOLL RANGE FRONT 46-09-02.897N FI R 2.5s 23 LIGHT 123-23-41.650W 10470 DRISCOLL RANGE REAR 46-09-05.910N 123-23-58.380W 406 yards, 284.5° from front light. Westport 10475 - DIKE LIGHT 58 46-08-48.038N FI R 2.5s 15 123-22-47.918W 10480 PANCAKE POINT DIKE 46-08-58.053N FI G 6s 24 LIGHT 59 123-22-24.821W 10485 - DIKE LIGHT 60 46-08-40.070N FI R 6s 15		Red nun.	Private aid.
123-23-13.193W 10460 - DIKE LIGHT 57			
123-23-07.779W 10465 DRISCOLL RANGE FRONT 46-09-02.897N FI R 2.5s 23 10470 DRISCOLL RANGE REAR 46-09-05.910N 123-23-58.380W 406 yards, 284.5° from front light. Westport 10475 - DIKE LIGHT 58 46-08-48.038N FI R 2.5s 15 10480 PANCAKE POINT DIKE 46-08-58.053N FI G 6s 24 LIGHT 59 123-22-24.821W 10485 - DIKE LIGHT 60 46-08-40.070N FI R 6s 15		SG on dolphin.	
LIGHT 123-23-41.650W 10470 DRISCOLL RANGE REAR 46-09-05.910N 1so R 6s 46 LIGHT 123-23-58.380W 406 yards, 284.5° from front light. Westport 10475 - DIKE LIGHT 58 46-08-48.038N FI R 2.5s 15 123-22-47.918W 10480 PANCAKE POINT DIKE 46-08-58.053N FI G 6s 24 LIGHT 59 123-22-24.821W 10485 - DIKE LIGHT 60 46-08-40.070N FI R 6s 15 123-22-03.131W			
LIGHT 123-23-58.380W 406 yards, 284.5° from front light. Westport 10475 - DIKE LIGHT 58 46-08-48.038N FI R 2.5s 15 123-22-47.918W 10480 PANCAKE POINT DIKE 46-08-58.053N FI G 6s 24 LIGHT 59 123-22-24.821W 10485 - DIKE LIGHT 60 46-08-40.070N FI R 6s 15 123-22-03.131W		KRB on multi-pile structure.	Visible all around; higher intensi 1.5° each side of rangeline.
10475 - DIKE LIGHT 58		KRB on skeleton tower.	Visible 10° each side of range line.
10475 - DIKE LIGHT 58			
LIGHT 59 123-22-24.821W 10485 - DIKE LIGHT 60 46-08-40.070N FI R 6s 15 123-22-03.131W	4	TR on dolphin.	
123-22-03.131W	4	SG on multi-pile structure.	
10400 DANCE EDONT LICHT 46 00 24 006N O.W. 22	4	TR on multi-pile structure.	
123-21-14.180W		KRB on multi-pile structure.	Visible all around; higher intens 1.5° each side of rangeline.
10495 - RANGE REAR LIGHT 46-08-30.915N Iso W 6s 47 517 yards, 269.7° from front 123-21-36.194W light.		KRB on skeleton tower.	Visible 14° each side of rangeline.
10500 - DIKE LIGHT 62 46-08-28.707N FI R 4s 19 123-20-49.541W	4	TR on multi-pile structure.	
10505 - DIKE LIGHT 64 46-08-26.343N FI R 6s 15 123-19-50.285W	4	TR on wooden multi-pile structure.	
10510 - DIKE LIGHT 66 46-08-26.528N Q R 15 123-18-48.505W	4	TR on multi-pile structure.	
10520 CATHLAMET DIKE LIGHT 67 46-08-53.269N FI G 4s 19 123-17-52.412W	4	SG on multi-pile structure.	
10525 - Channel Lighted Buoy 68 46-08-38.714N FI R 2.5s 123-17-23.570W	4	Red.	
Cathlamet Channel			
10530 - Daybeacon 2 46-12-23.757N 123-24-41.503W		TR on multi-pile structure.	
10535 Elochoman Buoy 1 46-12-15.733N 123-23-23.687W		Green can.	
10540 Elochoman Daybeacon 2 46-12-29.450N 123-23-18.733W		TR on pile.	
Puget Island Highway 46-11-45.000N Bridge 123-23-02.000W Chathlamet Channel mile: 2.7		Fixed bridge.	
10555 - LIGHT 8 46-09-00.787N FI R 2.5s 15 123-17-50.990W	4	TR on dolphin.	
Eureka			
10560 WATERFORD LIGHT 69 46-09-10.241N FI G 4s 30 123-16-01.364W		SG on concrete	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAR	RINGTON POINT TO CRIMS ISL		LUMBIA RIVER - Th	irteenth Dis	trict		
Eure 10565	- CHANNEL LIGHT 70	46-08-54.278N 123-15-41.480W	FIR 4s	15	3	TR on multi-pile structure.	Ra ref.
10570	COOPER POINT LIGHT 71	46-09-26.190N 123-15-15.433W	QG	23	6	SG on skeleton tower.	
10575	- Channel Lighted Buoy 73	46-09-43.970N 123-14-33.022W	FI G 4s		4	Green.	
10580	- DIKE LIGHT 76	46-09-47.290N 123-14-00.007W	QR	21	4	TR on multi-pile structure.	
10585	- DIKE LIGHT 77	46-10-10.190N 123-13-44.780W	FI G 2.5s	15	4	SG on multi-pile structure.	
10590	- DIKE LIGHT 78	46-09-59.339N 123-13-30.685W	FIR 4s	20	4	TR on multi-pile structure.	
10595	- DIKE LIGHT 80	46-10-06.819N 123-13-04.070W	FIR 6s	13	4	TR on multi-pile structure.	
10600	- DIKE LIGHT 79	46-10-28.144N 123-12-53.897W	FI G 4s	21	4	SG on multi-pile structure.	
Oak	Point						
10625	BEAVER PIER WEST END LIGHT	46-10-51.460N 123-11-06.220W	FY			On corner of pier.	Private aid.
10630	BEAVER PIER EAST END LIGHT	46-10-56.370N 123-10-50.780W	FY			On corner of pier.	Private aid.
10633	COLUMBIA RIVER GEODETIC SURVEY LIGHT	46-11-06.000N 123-11-12.000W	FIY 10s	10		On steel dolphin.	Maintained by U.S. Geological Survey. Private aid.
10635	- LIGHT 81	46-11-11.952N 123-10-55.956W	FI G 4s	14	4	SG on tower on concrete pad.	
10640	ABERNATHY POINT LIGHT 83	46-11-25.034N 123-10-03.920W	FI G 2.5s	20	4	SG on pole.	
10645	Crims Island Lighted Buoy 84	46-11-18.511N 123-09-30.093W	QR		4	Red.	
CRIN	MS ISLAND TO ST. HELENS (Cha	art 18524)					
10650	BUNKER HILL LIGHT 85	46-11-21.891N 123-08-22.561W	FI G 4s	17	4	SG on skeleton tower.	Higher intensity beam up channel.
10655	Crims Island Lighted Buoy 86	46-11-09.312N 123-07-42.369W	QR		4	Red.	
10660	STELLA RANGE FRONT LIGHT	46-11-16.994N 123-07-27.160W	FI G 2.5s	31		KRB on multi-pile structure.	Visible all around; higher intensit 1.5° each side of rangeline.
10665	STELLA RANGE REAR LIGHT 253 yards, 308.3° from front light.	46-11-21.628N 123-07-35.640W	Iso G 6s	55		KRB on skeleton tower on multi-pile structure.	Visible 10° each side of rangeline.
10670	CLEAVELAND LIGHT 1 340 feet outside channel limit.	46-11-05.055N 123-06-51.110W	FI G 2.5s	12	4	SG on multi-pile structure.	
Crim	is Island						
10675	- DIKE LIGHT 2	46-10-44.089N 123-07-30.090W	FIR 6s	12	4	TR on pile.	
10685	- DIKE LIGHT 6	46-10-18.380N 123-06-32.834W	FIR 4s	21	4	TR on pile.	
CRIN 10715	MS ISLAND TO ST. HELENS (Cha CLEAVELAND DIKE LIGHT 3		FI G 4s	23	4	SG on pile.	
10717	WILLOW GROVE BOAT LAUNCH LIGHT 1	46-10-23.300N 123-05-04.600W	FI G 4s			On breakwall.	Private aid.
10718	WILLOW GROVE BOAT LAUNCH LIGHT 2	46-10-24.300N 123-05-03.400W	FIR 4s			On breakwall.	Private aid.
10719	WILLOW GROVE DEFLECTION BOOM LIGHT & WARNING SIGN	46-10-23.200N 123-05-02.500W	FI W 4s			NW on pile worded DANGER LOG BOOM.	Private aid.
10720	Fisher Island Channel Lighted Buoy 5	46-09-43.973N 123-04-24.700W	QG		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		CO	LUMBIA RIVER - Th	rteenth Dist	trict		
CRIM : 10725	S ISLAND TO ST. HELENS (Cha FISHER ISLAND LIGHT 7	art 18524) 46-09-34.435N 123-03-45.906W	FI G 4s	13	4	SG on multi-pile structure.	
10730	FISHER ISLAND LIGHT 9	46-09-27.249N 123-03-19.736W	FI G 2.5s	15	4	SG on multi-pile structure.	
10735	Fisher Island Channel Lighted Buoy 10	46-09-16.414N 123-03-29.478W	QR		4	Red.	
Long							
10745	WALKER ISLAND LIGHT 12	46-08-51.940N 123-02-40.768W	QR	15	4	TR on multi-pile structure.	
10750	BARLOW POINT LIGHT 13	46-08-39.254N 123-01-50.102W	QG	10	4	SG on multi-pile structure.	
10755	- Channel Lighted Buoy 17	46-08-12.956N 123-00-36.961W	FI G 2.5s		4	Green.	
10760	- DOCK LIGHT A	46-08-08.000N 123-00-11.000W	FY			On pier.	Private aid.
10761	- DOCK LIGHT B	46-08-05.000N 123-00-04.000W	FY			On pier.	Private aid.
10762	- DOCK LIGHT C	46-08-03.000N 122-59-59.000W	FY			On pier.	Private aid.
10765	La Du Rock Lighted Buoy 19	46-07-51.076N 122-59-48.269W	FI G 4s		4	Green.	
10770	LORD ISLAND LIGHT 20	46-07-37.394N 122-59-59.882W	FIR 4s	25	4	TR on multi-pile structure.	
10780	- RANGE FRONT LIGHT	46-07-28.098N 122-58-49.310W	FR	38		KWR on monopole.	Visible 1.75° each side of rangeline. Private aid.
10785	- RANGE REAR LIGHT 393 yards, 117.5° from front light.	46-07-23.036N 122-58-34.226W	FR	76		KWR on monopole.	Visible 1.75° each side of rangeline. Private aid.
10800	Slaughters Channel Lighted Buoy 23	46-07-29.967N 122-59-27.178W	FI G 2.5s		4	Green.	
10805	DIBBLEE DIKE LIGHT 22 190 feet outside channel limit.	46-07-04.151N 122-59-14.303W	FIR 6s	15	4	TR on multi-pile structure.	
l ewis	and Clark Bridge						
10811	- Approach Buoy 1	46-06-22.765N 122-57-40.385W				Green can.	Private aid.
10812	- Approach Buoy 2	46-06-13.243N 122-57-50.013W				Red nun.	Private aid.
10812.5	Lewis and Clark Highway Bridge	46-06-18.000N 122-57-42.000W				Fixed bridge.	
	Columbia River mile: 66.0						
10813	- Approach Buoy 3	46-06-20.306N 122-57-35.029W				Green can.	Private aid.
10814	- Approach Buoy 4	46-06-10.814N 122-57-44.481W				Red nun.	Private aid.
Long							
10815.1	TERMINAL 9 LIGHT A	46-05-59.900N 122-56-26.200W	FI Y 4s			NY on dolphin.	Private aid.
10815.2	TERMINAL 9 LIGHT B	46-05-59.400N 122-56-25.000W	FI Y 4s			NY on dolphin.	Private aid.
10815.4	TERMINAL 9 LIGHT D	46-05-57.800N 122-56-21.000W	FI Y 4s			NY on dolphin.	Private aid.
10815.5	TERMINAL 9 LIGHT E	46-05-57.100N 122-56-18.600W	FIY4s			NY on dolphin.	Private aid.
10815.6	TERMINAL 9 LIGHT F	46-05-56.300N 122-56-16.500W	FIY4s			NY on dolphin.	Private aid.
10815.7	TERMINAL 9 LIGHT G	46-05-55.600N 122-56-14.900W	FI Y 4s			NY on dolphin.	Private aid.
10815.8	TERMINAL 9 LIGHT H	46-05-55.700N 122-56-13.600W	FIY4s			NY on dolphin.	Private aid.
10815.9	TERMINAL 9 LIGHT J	46-05-55.600N 122-56-12.400W	FI Y 4s			NY on dolphin.	Private aid.
10816	Cowlitz River Lighted Buoy 25		FI G 6s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	S ISLAND TO ST. HELENS (Cha		LUMBIA RIVER - Thi	irteenth Dis	trict		
Long 10820	view COTTONWOOD ISLAND LOWER RANGE FRONT LIGHT	46-04-59.277N 122-53-51.950W	QW	32		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline.
10825	COTTONWOOD ISLAND LOWER RANGE REAR LIGHT 329 yards, 115.8° from front light.	46-04-55.043N 122-53-39.350W	Iso W 6s	63		KRB on skeleton tower.	Visible 4° each side of rangeline.
10828	Rainier Anchorange Lighted Buoy "RR"	46-05-40.914N 122-56-21.166W	FI W 6s			White with blue band.	Mintained by U.S. Army Corps of Engineers. Private aid.
10830	Rainier Anchorage Lighted Buoy R	46-05-31.466N 122-55-48.110W	FI W 6s			White with blue band.	Maintained by U.S. Army Corps of Engineers. Private aid.
10832	SHAVER TRANSPORTATION MOORING BARGE LIGHTS (2)	46-05-25.961N 122-55-55.891W	FI Y 2.5s			On mooring barge.	Private aid.
Cotto	nwood Island						
10845	- DIKE LIGHT 31	46-05-18.368N 122-54-33.486W	FI G 2.5s	15	4	SG on multi-pile structure.	
10850	- DIKE LIGHT 33	46-05-03.761N 122-54-04.234W	FI G 4s	12	4	SG on multi-pile structure.	
10860	- LIGHT 35	46-04-42.901N 122-53-36.105W	FI G 4s	15	4	SG on multi-pile structure.	
10865	 Turn Lighted Buoy 36 66 yards outside channel limit. 	46-04-24.971N 122-53-36.715W	QR		4	Red.	
10870	- DIKE LIGHT 37	46-04-17.858N 122-53-12.962W	FI G 4s	15	4	SG on pile.	
10875	- UPPER RANGE FRONT LIGHT	46-03-55.606N 122-52-56.378W	QW	19		KRB on multi-pile structure.	Visible 10° each side of rangeline.
10880	- UPPER RANGE REAR LIGHT 331 yards, 356.2° from front light.	46-04-05.399N 122-52-57.319W	Iso W 6s	52		KRB on skeleton tower.	Visible 10° each side of rangeline.
10885	- LIGHT 39	46-03-57.911N 122-53-00.399W	FI G 4s	26	4	SG on pile.	
10890	- LIGHT 41	46-03-20.401N 122-52-46.204W	QG	20	4	SG on multi-pile structure.	
10891	PORT OF KALAMA DOCK LIGHT A	46-02-39.900N 122-52-35.160W	FI Y 6s			On mooring dolphin.	Private aid.
10892	PORT OF KALAMA DOCK LIGHT B	46-02-38.700N 122-52-35.940W	FI Y 6s			On mooring dolphin.	Private aid.
10893	PORT OF KALAMA DOCK LIGHT C	46-02-32.640N 122-52-35.640W	FI Y 6s			On mooring dolphin.	Private aid.
10894	PORT OF KALAMA DOCK LIGHT D	46-02-30.780N 122-52-34.680W	FI Y 6s			On mooring dolphin.	Private aid.
10894.5	Prescott Anchorage Lighted Buoy P	46-02-45.804N 122-52-58.402W	FI W 6s			White with blue band.	Maintained by U.S. Army Corps of Engineers. Private aid.
Kalan				_			
10895	COFFIN ROCK LIGHT	46-02-02.180N 122-52-51.566W	Q W	20	4	NB on pole.	
10900	- RIVER LIGHT 43	46-02-00.718N 122-52-30.867W	FI G 2.5s	18	4	SG on multi-pile structure.	
10905	- LOWER RANGE FRONT LIGHT	46-00-33.583N 122-50-58.567W	QR	38		KRW on skeleton tower.	Visible 1.5° each side of rangeline.
10910	- LOWER RANGE REAR LIGHT 774 yards, 138.2° from front light.	46-00-16.490N 122-50-36.642W	Iso R 6s	97		KRW on skeleton tower.	Visible 1.5° each side of rangeline.
10915	- UPPER RANGE FRONT LIGHT	45-58-40.735N 122-50-22.006W	QW	24		KRB on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.

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CRIM	S ISLAND TO ST. HELENS (Cha		LUMBIA RIVER - Th	irteenth Dis	trict		
Kalar 10920	na - UPPER RANGE REAR LIGHT 732 yards, 163.4° from front light.	45-58-19.960N 122-50-13.129W	Iso W 6s	53		KRB on skeleton tower.	Visible 14° each side of rangeline.
CRIM 10925	S ISLAND TO ST. HELENS (Cha KALAMA DIKE LIGHT 47A	art 18524) 46-00-33.092N 122-51-03.938W	FI G 2.5s	32	5	SG on pile.	
0928	Sandy Island Anchorage Lighted Buoy "S"	45-59-58.759N 122-51-07.946W	FI W 6s			White with blue band.	Maintained by U.S. Army Corps of Engineers. Private aid.
0930	AHLE POINT LIGHT 49	45-59-53.278N 122-50-41.394W	FI G 4s	20	4	SG on pile.	
0935	HUNTER BAR LIGHT 1	45-59-30.134N 122-51-11.402W	FI G 2.5s	20	4	SG on pile.	
0940	HUNTER DIKE LIGHT 52	45-59-17.701N 122-50-56.758W	FIR 4s	15	5	TR on multi-pile structure.	
0942	TIDEWATER MOORING BARGE LIGHTS (2)	45-59-23.640N 122-50-28.860W	FIY6s			Spudded mooring barge.	Private aid.
0943.1	TEMCO MARINE FACILITY LIGHT A	45-58-57.034N 122-50-00.885W	FIY4s			NY on mooring dolphin.	Private aid.
0943.2	TEMCO MARINE FACILITY LIGHT B	45-58-59.274N 122-50-03.284W	FIY4s			NY on concrete dock.	Private aid.
10943.3	TEMCO MARINE FACILITY LIGHT C	45-59-01.517N 122-50-05.001W	FIY4s			NY on concrete dock.	Private aid.
0943.4	TEMCO MARINE FACILITY LIGHT D	45-59-03.983N 122-50-06.906W	FIY4s			NY on mooring dolphin.	Private aid.
0943.5	TEMCO MARINE FACILITY LIGHT E	45-59-06.273N 122-50-08.908W	FIY4s			NY on mooring dolphin.	Private aid.
0943.6	TEMCO MARINE FACILITY LIGHT F	45-59-08.482N 122-50-10.341W	FIY4s			NY on mooring dolphin.	Private aid.
0943.7	TEMCO MARINE FACILITY LIGHT G	45-59-10.572N 122-50-11.942W	FI Y 4s			NY on mooring dolphin.	Private aid.
0943.8	TEMCO MARINE FACILITY LIGHT H	45-59-13.359N 122-50-14.076W	FIY4s			NY on mooring dolphin.	Private aid.
10944	Kalama Shoal Isolated Danger Lighted Buoy K	45-59-06.490N 122-50-24.700W	FI (2)W 5s			Black and red with two black spherical top marks.	Private aid.
10945	HUNTER DIKE LIGHT 54	45-58-56.482N 122-50-36.354W	QR	20	4	TR on multi-pile structure.	
Marti 10950	n Island BYBEE LEDGE CHANNEL RANGE FRONT LIGHT	45-57-25.765N 122-48-28.708W	QW	29		KRB on multi-pile structure.	Visible all around; higher intensi 1.5° each side of rangeline.
0955	BYBEE LEDGE CHANNEL RANGE REAR LIGHT 214 yards, 137.6° from front light.	45-57-21.095N 122-48-22.570W	Iso W 6s	50		KRB on skeleton tower on multi-pile structure.	Visible 9° each side of rangeline
0960	Bybee Ledge Lighted Buoy 59	45-58-14.581N 122-49-27.189W	FI G 4s		4	Green.	
0965	- Bluff Lighted Buoy 60	45-57-36.325N 122-48-53.770W	QR		4	Red.	
0970	DEER ISLAND LOWER DIKE LIGHT 62	45-57-26.750N 122-49-07.760W	FIR 6s	16	4	TR on multi-pile structure.	
0975	- DIKE LIGHT 63	45-57-09.975N 122-48-23.693W	FI G 2.5s	23	4	SG on multi-pile structure.	
0980	- MIDDLE DIKE LIGHT 65	45-56-40.700N 122-48-14.492W	FI G 4s	15	4	SG on multi-pile structure.	
0985	- RANGE FRONT LIGHT	45-56-18.683N 122-48-09.221W	QW	36		KRB on multi-pile structure.	Visible all around; higher intensi 1.5° each side of rangeline.
0990	- RANGE REAR LIGHT 200 yards, 011.2° from front light.	45-56-24.487N 122-48-07.577W	Iso W 6s	54		KRB on skeleton tower, on multi-pile structure.	Visible 5.5° each side of rangeline.
1000	BURKE DIKE LIGHT 69	45-55-53.534N 122-48-08.882W	FI G 2.5s	17	5	SG on multi-pile structure.	

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	MS ISLAND TO ST. HELENS (Cha		LUMBIA RIVER - Th	irteenth Dis	trict		
11005	iin Island DEER ISLAND UPPER DIKE LIGHT 72	45-55-12.278N 122-48-44.270W	FIR 4s	23	4	TR on multi-pile structure.	
11010	CAPLES DIKE LIGHT 73	45-55-01.397N 122-48-17.275W	FI G 4s	10	4	SG on multi-pile structure.	
11015	DYNO NOBEL DOCK LIGHTS (2)	45-54-48.750N 122-48-53.240W	FY			On dock.	Private aid.
11020	- Channel Lighted Buoy 75	45-54-29.946N 122-48-26.636W	QG		4	Green.	
11025	COLUMBIA CITY LIGHT 76	45-53-31.387N 122-48-22.449W	QR	22	4	TR on pile.	
11027	Columbia City Lighted Buoy 75A	45-53-43.982N 122-48-12.037W	FI G 2.5s		4	Green.	Maintained from Aug 15 to Oct 1.
St. H	lelens						
11030	- RANGE FRONT LIGHT	45-51-55.200N 122-46-58.631W	QW	37		KRB on skeleton tower on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.
11035	 RANGE REAR LIGHT 619 yards, 150.5° from front light. 	45-51-39.255N 122-46-45.701W	Iso W 6s	58		KRB on skeleton tower.	Visible 14° each side of rangeline.
11040	- JETTY LOWER LIGHT 77	45-53-04.673N 122-47-45.383W	QG	35	4	SG on multi-pile structure.	
11045	- Junction Lighted Buoy	45-52-52.377N 122-47-51.569W	FI (2+1)R 6s		4	Red and green bands.	
11050	- JETTY LIGHT 79	45-52-13.485N 122-47-06.429W	FI G 4s	22	4	SG on multi-pile structure.	
11055	- DIKE LIGHT 80	45-51-47.787N 122-47-20.616W	QR	34	3	TR on multi-pile structure.	
	HELENS TO VANCOUVER (Charrior Rock	t 18525)					
11060	- LIGHT	45-50-55.154N 122-47-18.328W	FI W 4s	28	5	White octagonal tower on square structure.	
11065	- RANGE FRONT LIGHT	45-51-18.209N 122-46-46.823W	QW	46		KRW on skeleton tower.	Visible 10° each side of rangeline.
11070	 RANGE REAR LIGHT 146 yards, 021.3° from front light. 	45-51-22.227N 122-46-44.578W	Iso W 6s	62		KRW on skeleton tower.	Visible 5.5° each side of rangeline.
11073	- Turn Lighted Buoy 1	45-50-50.028N 122-46-57.144W	FI G 4s		4	Green.	
11075	- Reef Lighted Buoy 4	45-50-26.264N 122-47-21.222W	QR		4	Red.	
11080	DUCK CLUB LIGHT 4A	45-49-45.182N 122-47-48.194W	FIR 6s	23	4	TR on pile.	
11085	DUCK CLUB LIGHT 6	45-49-26.662N 122-47-53.009W	QR	22	4	TR on multi-pile structure.	
Henr							
11090	- Channel Lighted Buoy 7	45-48-58.227N 122-47-41.400W	QG		4	Green.	
11095	DUCK CLUB LIGHT 8	45-48-57.080N 122-47-55.346W	FI R 2.5s	23	3	TR on pile.	
11100	- RANGE FRONT LIGHT	45-48-40.822N 122-47-53.024W	QW	37		KRB on skeleton tower, on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.
11105	 RANGE REAR LIGHT 300 yards, 328.3° from front light. 	45-48-48.392N 122-47-59.701W	Iso W 6s	56		KRB on skeleton tower.	Visible 10° each side of rangeline.
11110	- LANDING LIGHT 10	45-48-29.804N 122-47-48.914W	FIR 4s	24	3	TR on multi-pile structure.	
11115	- CROSSING LIGHT 12	45-48-11.120N 122-47-39.878W	FI R 2.5s	24	4	TR on pile.	
11120	BACHELOR POINT LIGHT 13	45-47-31.162N 122-46-39.663W	FI G 6s	17	4	SG on multi-pile structure.	
11125	BACHELOR DIKE LIGHT 15	45-47-04.088N 122-46-17.120W	FI G 4s	22	4	SG on multi-pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		CO	LUMBIA RIVER - Thi	rteenth Dis	trict		
ST. I Hen	HELENS TO VANCOUVER (Char rici	t 18525)					
11130	FALES LIGHT 17	45-46-20.354N 122-45-44.162W	QG	36	6	SG on multi-pile structure	
11135	KNAPP POINT LIGHT 19	45-44-43.730N 122-45-31.562W	FI G 4s	36	4	SG on multi-pile structure.	
Will 11140	ow - LOWER RANGE FRONT LIGHT	45-44-30.565N 122-45-26.990W	QW	29		KRB on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.
11145	- LOWER RANGE REAR LIGHT 263 yards, 013.9° from front light.	45-44-38.129N 122-45-24.318W	Iso W 6s	50		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
11150	- DIKE LIGHT 23	45-43-58.052N 122-45-28.202W	FI G 2.5s	23	4	SG on pile.	
11152	SALMON CREEK WASTEWATER OUTFALL LIGHT A	45-43-54.560N 122-45-31.810W	FIY4s			Yellow diamond on three pile steel dolphin.	Private aid.
11155	- UPPER RANGE FRONT LIGHT	45-41-01.257N 122-46-40.286W	QW	37		KRB on skeleton tower, on multi-pile structure. On same structure as Morgan Upper Range Front Light.	Visible all around; higher intensity 1.5° either side of rangeline.
11160	- UPPER RANGE REAR LIGHT 343 yards, 193.7° from front light.	45-40-51.374N 122-46-43.725W	Iso W 6s	51		KRB on skeleton tower.	Visible 14° each side of rangeline.
11165	- DIKE LIGHT 26	45-43-25.923N 122-45-57.775W	FIR 4s	26	4	TR on multi-pile structure.	
11170	REEDER POINT LIGHT 28	45-42-34.865N 122-46-13.964W	FIR 6s	36	4	TR on multi-pile structure.	Ra ref.
11175	HUTCHINSON DIKE LIGHT 30	45-42-00.014N 122-46-26.762W	FIR 4s	37	3	TR on multi-pile structure.	
Mor							
11180	- DIKE LIGHT 32	45-41-26.534N 122-46-37.112W	FI R 2.5s	26	4	TR on multi-pile structure.	
11185	HEWLETT DIKE LIGHT 33	45-41-10.271N 122-46-09.181W	FI G 4s	26	4	SG on pile.	
11190	- UPPER RANGE FRONT LIGHT	45-41-01.257N 122-46-40.286W	QW	37		KRB on skeleton tower, on multi-pile structure. On same structure as Willow Upper Range Front Light.	Visible all around; higher intensity 1.5° either side of rangeline.
11195	- UPPER RANGE REAR LIGHT 239 yards, 341.2° from front light.	45-41-07.948N 122-46-43.543W	Iso W 6s	53		KRB on skeleton tower.	Visible 14° each side of rangeline.
11200	- DIKE LIGHT 36	45-40-35.822N 122-46-34.495W	FI R 2.5s	26	4	TR on multi-pile structure.	
11205	- Dike Daybeacon 39	45-40-05.174N 122-45-50.221W				SG on multi-pile structure.	
11207	Lower Vancouver Anchorage Lighted Buoy V	45-40-05.103N 122-46-02.921W	FI W 6s			White with blue band.	Maintained by U.S. Army Corps of Engineers. Private aid.
11210	- DIKE LIGHT 40	45-39-52.145N 122-46-15.209W	FIR 4s	34	4	TR on multi-pile structure.	
11211	- CHANNEL LIGHT 42	45-39-27.176N 122-46-01.099W	QR	25	4	On multi-pile structure with skeleton tower. On same structure as Vancouver Directional Light.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
QT L	HELENS TO VANCOUVER (Char		LUMBIA RIVER - Thir	teenth Dis	trict		
	couver	1 10323)					
11215	- DIRECTION LIGHT	45-39-27.169N 122-46-01.178W	Iso W 6s (G & R sectors)	50	W G R	On skeleton tower on multi-pile structure. On same structure as Morgan Channel Light 42.	Centerline bearing 308°. White visible 0.5° each side of centerline. Red visible from 305.9° to 307.5°. Green visible from 308.5° to 310.1°.
11225 14850	KELLEY POINT JUNCTION LIGHT	45-39-10.946N 122-45-46.201W	FI (2+1)R 6s	39	4	JR on multi-pile structure.	
11230	 Channel Lighted Buoy 47 75 feet outside channel limit. 	45-38-53.131N 122-44-49.011W	QG		4	Green.	
11243	Hayden Island Anchorage Lighted Buoy A	45-38-40.000N 122-44-30.000W	FI W 6s			White with blue band.	Maintained by U.S. Army Corps of Engineers. Private aid.
11244	Hayden Island Anchorage Lighted Buoy B	45-38-21.000N 122-43-28.000W	FI W 6s			White with blue band.	Maintained by U.S. Army Corps of Engineers. Private aid.
11245	- Upper Anchorage Lighted Buoy "VV"	45-37-59.556N 122-42-30.230W	FI W 6s			White with blue band.	Maintained by U.S. Army Corps of Engineers. Private aid.
11247	Hayden Island Water Monitoring Lighted Buoy A	45-37-31.598N 122-41-39.803W	FIY4s			Yellow Buoy	Private aid.
11250	- Railroad Bridge Columbia River mile 105.6	45-37-34.000N 122-41-23.000W				Swing Bridge.	
	COUVER TO BONNEVILLE (Cha	rt 18531)					
Vanc 11252	couver to Bonneville GRANT STREET PIER LIGHT A	45-37-25.092N 122-40-52.713W	FI Y 6s			Steel pier.	Private aid.
11253	GRANT STREET PIER LIGHT B	45-37-24.940N 122-40-52.576W	FIY6s			Steel pier.	Private aid.
11255	Interstate-5 Alternate Barge Channel Buoy 2	45-37-05.782N 122-40-42.428W				Red nun.	
11256	Interstate-5 Alternate Barge Channel Buoy 3	45-37-03.700N 122-40-24.990W				Green can.	
11258	Interstate 5 Highway Bridge Columbia River mile: 106.5	45-37-07.000N 122-40-30.000W				Vertical lift bridge.	
11260	Interstate-5 Bridge Approach Buoy 2	45-37-14.255N 122-40-33.881W				Red nun.	
11265	Interstate-5 Bridge Approach Buoy 4	45-37-10.736N 122-40-21.191W				Red nun.	
11270	VANCOUVER CHANNEL DIKE LIGHT 51	45-38-29.930N 122-43-10.861W	FI G 2.5s	24	4	SG on multi-pile structure.	
11275	Ryan Point Junction Lighted Buoy	45-36-55.356N 122-39-33.890W	FI (2+1)R 6s		4	Red and green bands.	
Oreg 11281	on Slough - Daybeacon 1	45-36-16.872N 122-40-18.018W				SG on multi-pile structure.	
11286	- LIGHT 2	45-36-04.716N 122-38-27.228W	FI R 2.5s	25	4	TR on multi-pile structure.	
11294	- LIGHT 4	45-36-12.342N 122-38-06.768W	FIR 4s	25	4	TR on multi-pile structure.	
11297	 Interstate 5 Highway Bridge Oregon Slough mile: 4.5 	45-36-26.000N 122-40-53.000W				Fixed bridge.	
11298	- Railroad Bridge	45-36-51.000N 122-42-08.000W				Swing bridge.	
11300	Oregon Slough mile: 3.2 Vancouver Upper Bar Channel Lighted Buoy 14 25 yards outside channel limit.	45-36-23.347N 122-37-32.487W	FI R 2.5s		4	Red.	
11303	MARINE PARK OUTFALL LIGHT	45-36-34.440N 122-37-09.940W	FI Y 10s			NY on pile.	Private aid.
11304	Marine Park Outfall Daybeacon	45-36-36.500N 122-37-09.000W				NY on pile.	Private aid.
11305	PORTLAND AIRPORT DIKE LIGHT 16	45-36-03.813N 122-36-00.846W	FIR 4s	25	4	TR on multi-pile structure.	

	Name and Location	Position	Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WAN	COUNTED TO BONNEY/U.L.E./Cha		LUMBIA RIVER - Th	irteenth Dis	trict		
Vano	COUVER TO BONNEVILLE (Cha couver to Bonneville yon Slough	rt 18531)					
1307	AIRPORT BAR RANGE FRONT LIGHT	45-36-00.539N 122-33-38.184W	QG	33		KRW on skeleton tower on multi-pile structure.	Visible all around.
1308	AIRPORT BAR RANGE REAR LIGHT 311 yards, 094.6° from front light.	45-35-59.801N 122-33-25.111W	Iso G 6s	52		KRW on skeleton tower on multi-pile structure.	Visible 4°each side of rangeline
VAN 1385	COUVER TO BONNEVILLE (Cha Lieser Point Channel Lighted Buoy 18 25 yards outside channel limit.	rt 18531) 45-36-00.939N 122-34-15.122W	FIR 6s		4	Red.	
1390	Interstate-205 Bridge Approach Buoy 19	145-35-51.626N 122-33-07.091W				Green can.	
11392	Interstate 205 Highway Bridge (north channel) Columbia River mile: 112.7	45-35-48.000N 122-33-01.000W				Fixed bridge.	
11393	Interstate 205 Highway Bridge (south channel) Columbia River mile: 112.7	45-34-38.000N 122-32-41.000W				Fixed bridge.	
11395	Interstate-205 Bridge Approach Buoy 21	145-35-48.584N 122-32-53.841W				Green can.	
Gove 1405	ernment Island - MIDDLE RANGE FRONT LIGHT	45-35-14.400N 122-31-54.945W	QR	40		KRB on multi-pile structure.	Visible all around.
1410	- MIDDLE RANGE REAR LIGHT 247 yards, 277.9° from front light.	45-35-15.407N 122-32-05.284W	Iso R 6s	53		KRB on multi-pile structure.	Visible 4° each side of rangeline
11415	- LOWER RANGE FRONT LIGHT	45-34-50.578N 122-29-55.942W	QR	41		KRW on multi-pile structure.	Visible 4° each side of rangeline
11420	- LOWER RANGE REAR LIGHT 401 yards, 114.7° from front light.	45-34-45.617N 122-29-40.597W	Iso R 6s	60		KRW on skeleton tower.	Visible 4° each side of rangeline
VAN 11430	COUVER TO BONNEVILLE (Cha FISHER QUARRY CHANNEL RANGE FRONT LIGHT		QG	39		KRB on multi-pile structure.	Visible all around.
11435	FISHER QUARRY CHANNEL RANGE REAR LIGHT 272 yards, 110.7° from front light.	45-34-34.923N 122-27-54.771W	Iso G 6s	59		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
Cam 11445	as Slough HASSALO ROCK LIGHT 2	45-34-48.686N 122-27-58.279W	FIR 4s	23	4	TR on pile.	
11450	CAMAS LIGHT 4	45-34-33.155N 122-26-41.523W	FIR 4s	21	5	TR on concrete pile.	
11451	- Buoy 6	45-34-30.360N 122-26-25.500W				Red nun.	Private aid.
11452	- Buoy 7	45-34-30.060N 122-26-12.960W				Green can.	Private aid.
1453	- Buoy 9	45-34-29.760N 122-26-08.820W				Green can.	Private aid.
1454	- Buoy 11	45-34-29.640N 122-26-08.400W				Green can.	Private aid.
1455	- RANGE FRONT LIGHT	45-34-27.139N 122-26-10.394W	QR	36		KRB on multi-pile structure.	Visible all around.
11460	- RANGE REAR LIGHT 126 yards, 111.9° from front light.	45-34-25.743N	Iso R 6s	43		KRB on skeleton tower.	Visible 14° each side of rangeline.
11462	- Highway Bridge Camas Slough mile: 1.1	45-34-40.000N 122-25-23.000W				Fixed bridge.	
1463	Lady Island Highway Bridge Camas Slough mile: 2.2	45-34-38.000N 122-24-12.000W				Fixed bridge.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
VAN	COUVER TO BONNEVILLE (Cha		LUMBIA RIVER - Th	irteenth Dis	trict		
Gove	ernment Island	·	0.11				
11465	- RANGE FRONT LIGHT	45-33-47.310N 122-26-45.932W	Q W Q R	31 31		KRB on skeleton tower on multi-pile structure. On same structure as Lady Island Range Front Light.	White light visible 1.5° each side of rangeline, red light visible all around.
11470	- RANGE REAR LIGHT 314 yards, 128.7° from front light.	45-33-42.357N 122-26-37.094W	Iso W 6s	51		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline
11475	MCGUIRE ISLAND MIDDLE DIKE LIGHT 34	45-33-58.364N 122-27-11.923W	FIR 4s	40	3	TR on multi-pile structure.	
11480	- UPPER RANGE FRONT LIGHT	45-34-09.859N 122-27-41.772W	QR	44		KRB on skeleton tower.	Visible 14° each side of rangeline.
11485	- UPPER RANGE REAR LIGHT 171 yards, 290.4° from front light.	45-34-11.626N 122-27-48.524W	Iso R 6s	65		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
11486	- Upper Range Lighted Buoy 35	45-33-55.818N 122-26-29.370W	FI G 2.5s		4	Green.	
-	r Island - RANGE FRONT LIGHT	45-33-47.310N	QW	31		VPP on alcalator	White light visible 1.5° each side
11490	- RANGE FRONT LIGHT	45-33-47.310N 122-26-45.932W	QR	31		KRB on skeleton tower on multi-pile structure. On same structure as Government Island	of rangeline, red light visible all around.
11495	- RANGE REAR LIGHT 430 yards, 256° from front light.	45-33-44.226N 122-27-03.526W	Iso W 6s	59		Range Front Light. KRB on skeleton tower on multi-pile structure.	Visible 1.3° each side of rangeline.
11497	CHINOOK LANDING MARINE PARK LIGHT 1	45-33-39.660N 122-26-40.320W	FI G 4s			On pile.	Private aid.
11498	CHINOOK LANDING MARINE PARK LIGHT 2	45-33-39.000N 122-26-42.060W	FIR 4s			On pile.	Private aid.
11500	Ione Reef Buoy 1	45-33-57.031N 122-24-49.985W				Green can.	
11505	- UPPER LIGHT 43	45-34-19.925N 122-24-06.673W	FI G 4s	28	4	SG on pole.	
11510	- UPPER RANGE FRONT LIGHT	45-34-25.808N 122-24-04.076W	QG	42		KRB on skeleton tower.	Visible 4° each side of rangeline
11515	- UPPER RANGE REAR LIGHT 266 yards, 262.2° from front light.	45-34-24.737N 122-24-15.208W	Iso G 6s	55		KRB on skeleton tower.	Visible 4° each side of rangeline
11520	- Shoal Buoy 46	45-34-26.532N 122-23-21.611W				Red nun.	
Was	hougal						
11525	- Buoy 48	45-34-17.011N 122-21-53.391W				Red nun.	
11530	- LOWER RANGE FRONT LIGHT	45-34-02.413N 122-20-37.186W	FI G 2.5s	44		KRB on multi-pile structure.	Visible all around.
11535	- LOWER RANGE REAR LIGHT 438 yards, 108.1° from front light.	45-33-58.381N 122-20-19.908W	Iso G 6s	62		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
11540	Ough Reef Buoy 49	45-34-18.612N 122-21-38.030W				Green can.	
11545	- LIGHT 50	45-34-06.995N 122-21-20.042W	FI R 2.5s	36	4	TR on dolphin.	
VAN 11560	COUVER TO BONNEVILLE (Cha GARY ISLAND DIKE LIGHT 52	rt 18531) 45-33-36.545N 122-20-50.331W	FIR 4s	16	4	TR on dolphin.	
11565	Gary Island Dike Daybeacon Marks end of dike.	45-33-21.521N 122-20-38.310W				NW on dolphin.	
11568	Gary Island Channel Lighted Buoy 54 80 yards outside channel.	45-33-19.000N 122-20-16.238W	FI R 2.5s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		co	LUMBIA RIVER - Th	irteenth Dis	trict		
VAN 11569	COUVER TO BONNEVILLE (Cha GARY ISLAND LIGHT C	rt 18531) 45-33-08.110N 122-20-35.131W	FIY6s	25	4	NY on skeleton tower, on multi-pile structure.	
11570	GARY ISLAND LIGHT A	45-33-06.498N 122-20-23.387W	FI Y 2.5s	39	4	NY on skeleton tower, on multi-pile structure.	
11571	Gary Island Channel Lighted Buoy 56 80 yards outside channel.	45-32-57.000N 122-19-29.035W	FIR 6s		4	Red.	
11573	FLAG ISLAND LIGHT B	45-32-56.115N 122-20-16.315W	FI Y 4s	30	4	NY on skeleton tower, on multi-pile structure.	
11580	Reed Island Reach Lighted Buoy 61 Marks shoaling in the channel to the northwest.	45-32-46.318N 122-18-02.052W	FI G 2.5s		4	Green.	
11590	TUNNEL POINT LIGHT 64	45-32-34.305N 122-16-31.747W	FI R 2.5s	30	4	TR on skeleton tower.	
11595	Point Vancouver Buoy 65	45-32-45.031N 122-16-06.317W				Green can.	
11600	SAND ISLAND LIGHT 66	45-33-02.413N 122-14-09.721W	FIR 4s	18	4	TR on multi-pile structure.	
Cape 11605	e Horn - LIGHT 67	45-33-45.072N 122-12-42.162W	FI G 4s	31	4	SG on pole.	
11610	- Buoy 68	45-33-54.891N 122-11-53.708W				Red nun.	
11615	- RANGE FRONT LIGHT	45-34-04.750N 122-11-36.275W	QR	43		KRB on multi-pile structure.	Visible all around. Ra ref.
11620	 RANGE REAR LIGHT 780 yards, 062.2° from front light. 	45-34-15.504N 122-11-07.183W	Iso R 6s	60		KRB on skeleton tower on mult-pile structure.	Visible 5.5° each side of rangeline.
11625	Candiana Lighted Buoy 70	45-34-18.290N 122-11-15.806W	FI R 2.5s		4	Red.	
	nion Reef						
11630	- LOWER RANGE FRONT LIGHT	45-35-06.421N 122-07-37.727W	QG	40		KRB on skeleton tower on multi-pile structure.	
11635	- LOWER RANGE REAR LIGHT 684 yards, 077.9° from front light.	45-35-10.673N 122-07-09.506W	Iso G 6s	58		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline
11640	CAPE HORN DIKE LIGHT 71	45-34-44.552N 122-10-32.649W	FI G 2.5s	16	4	SG on dolphin.	
11645	PRINDLE DIKE LIGHT 73	45-34-57.351N 122-09-29.928W	FI G 6s	15	4	SG on dolphin.	
11655	- Buoy 75	45-35-02.744N 122-08-28.314W				Green can.	
11660	- Lighted Buoy 76	45-34-57.750N 122-08-01.576W	FI R 2.5s		4	Red.	
	nomah Falls						
11665	- BAR RANGE FRONT LIGHT	45-34-50.673N 122-06-28.852W	QR	53		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline
11670	 BAR RANGE REAR LIGHT 233 yards, 098.5° from front light. 	45-34-49.648N 122-06-19.134W	Iso R 6s	72		KRB on skeleton tower.	Visible 4° each side of rangeline
11675	- Buoy 79	45-34-58.559N 122-07-31.013W				Green can.	
11680	- DIKE LIGHT 82	45-34-54.692N 122-06-24.829W	FIR 4s	18	4	TR on dolphin.	
11685	- Lighted Buoy 83	45-34-58.439N 122-06-32.371W	FI G 4s		4	Green.	
11690	- Lighted Buoy 83A	45-35-10.839N 122-05-50.470W	FI G 2.5s		4	Green.	
11695	- DIKE LIGHT 84	45-35-10.286N 122-05-29.689W	FI R 2.5s	38	4	TR on multi-pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
VAN	COUVER TO BONNEVILLE (Cha		LUMBIA RIVER - Th	irteenth Dis	trict		
Mult 11700	nomah Falls - UPPER RANGE FRONT LIGHT	45-36-49.679N 122-02-05.553W	QW	38		KRB on skeleton tower on multi-pile structure. On same structure as Warrendale Lower Range Front Light.	AIS: MMSI 993692061 (21). Visible all around; higher intensit 1.5° each side of rangeline.
11705	 UPPER RANGE REAR LIGHT 1172 yards, 057.1° from front light. 	45-37-08.545N 122-01-24.060W	Iso W 6s	90		KRB on skeleton tower.	AIS: MMSI 993692062 (21). Visible 4° each side of range line
1710	SKAMANIA LIGHT 85	45-36-25.214N 122-03-20.521W	FI G 4s	19	4	SG on multi-pile structure.	
Warr	endale						
1715	- LOWER RANGE FRONT LIGHT	45-36-49.679N 122-02-05.553W	QW	38		KRB on skeleton tower on multi-pile structure. On same structure as Multnomah Falls Upper Range Front Light.	AIS: MMSI 993692061 (21). Visible all around; higher intensity 1.5° each side of rangeline.
1720	- LOWER RANGE REAR LIGHT 235 yards, 263.9°from front light.	45-36-48.954N 122-02-15.480W	Iso W 6s	67		KRB on skeleton tower, on multi-pile structure.	Visible 5.5° each side of range line.
1725	MCGOWANS LIGHT 88	45-36-42.554N 122-01-40.021W	FIR 4s	30	3	TR on skeleton tower.	
1730	- UPPER RANGE FRONT LIGHT	45-36-51.740N 122-00-34.966W	QW	52		KRB on skeleton tower.	Visible all around.
11735	- UPPER RANGE REAR LIGHT 246 yards, 245.7° from front light.	45-36-48.736N 122-00-44.402W	Iso W 6s	80		KRB on skeleton tower.	Visible 14° each side of range line.
1740	IVES ISLAND LIGHT 91	45-37-24.410N 121-59-10.981W	FI G 4s	20	4	SG on multi-pile structure.	
11745	MOFFETTS CREEK LIGHT 92	45-37-19.266N 121-59-02.888W	FIR 4s	27	4	TR on skeleton tower.	
1747	BONNEVILLE LOCK ENTRANCE LIGHT 93	45-38-10.575N 121-57-25.741W	FI G 6s	40	4	SG on skeleton tower.	
11749	BONNEVILLE LOCK ENTRANCE LIGHT 94	45-38-03.135N 121-57-37.081W	FIR 4s	50	3	TR on skeleton tower.	
Bonr 11760	neville Pool Bonneville Lock Highway Bridge	45-38-19.000N 121-56-55.000W				Swing bridge.	
	Columbia River mile: 147.0						
1765	- LIGHT 3	45-38-29.244N 121-56-08.589W	FI G 4s	40	4	SG on skeleton tower.	
11768	- Lighted Buoy 4	45-38-29.026N 121-55-58.069W	FIR 4s		4	Red.	
11775	- LIGHT 5	45-38-43.575N 121-55-46.021W	FI G 6s	15	4	SG on skeleton tower.	
11790	- LIGHT 7	45-39-18.450N 121-54-37.902W	FI G 4s	19	4	SG on skeleton tower.	
	NEVILLE TO THE DALLES (Cha	rt 18532)					
Caso 11795	eade Rapids - LOWER RANGE FRONT LIGHT 8	45-39-32.661N 121-54-02.152W	QR	43		KRB on skeleton tower, TR oriented down channel.	Visible all around; higher intensity 1.5° each side of rangeline.
11800	- LOWER RANGE REAR LIGHT 120 yards, 176.2° from front light.	45-39-29.111N 121-54-01.820W	Iso R 6s	69		KRB on skeleton tower.	Visible 10° each side of rangeline.
11801	Bridge of the Gods Highway Bridge Columbia River mile: 148.3	45-39-45.000N 121-54-05.000W				Fixed bridge.	
11802	Cascade Locks Warning Sign	45-41-12.000N 121-51-57.000W				Sign on dolphin worded WARNING WASTEWATER OUTFALL PIPE.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BONI	NEVILLE TO THE DALLES (Cha		LUMBIA RIVER - Th	irteenth Dis	trict		
Casc 11805	ade Rapids - UPPER RANGE FRONT LIGHT 15	45-41-18.392N 121-53-06.694W	QG	29		KRB on multi-pile structure, SG	Visible all around.
11810	- UPPER RANGE REAR LIGHT 429 yards, 031.3° from front light.	45-41-29.246N 121-52-57.295W	Iso G 6s	48		oriented upstream. KRB on skeleton tower.	Visible 14° each side of rangeline.
Bonn	neville Pool						
11815	- LIGHT 12	45-40-13.988N 121-53-51.398W	FIR 4s	25	3	TR on skeleton tower.	
11820	- LIGHT 14	45-40-55.086N 121-53-17.070W	QR	20	4	TR on multi-pile structure.	
11825	STEVENSON LOWER RANGE FRONT LIGHT	45-40-42.002N 121-53-58.535W	QW	22		KRB on multi-pile structure.	Visible 4° each side of rangeline
11830	STEVENSON LOWER RANGE REAR LIGHT 945 yards, 237.8° from front light.	45-40-27.400N 121-54-31.654W	Iso W 6s	44		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline
11835	- Lighted Buoy 16	45-41-30.706N 121-52-03.596W	FI R 2.5s		4	Red.	
11840	WIND MOUNTAIN LOWER RANGE FRONT LIGHT 17	45-42-05.879N 121-50-48.596W	QG	30		KRB on multi-pile structure. SG oriented up and downstream.	
11845	WIND MOUNTAIN LOWER RANGE REAR LIGHT 868 yards, 274.9° from front light.	45-42-08.064N 121-51-25.141W	Iso G 6s	62		KRB on skeleton tower.	Visible 14° each side of rangeline.
11850	- Buoy 18	45-41-51.286N 121-50-43.043W				Red nun.	
11855	- LIGHT 22	45-41-53.715N 121-48-37.321W	FIR 4s	15	4	TR on concrete pillars.	
11857.1	Wind River Regulatory Daybeacon A	45-42-50.651N 121-49-02.499W				NW	Private aid.
11857.2	Wind River Regulatory Daybeacon B	45-42-48.863N 121-48-42.135W				NW	Private aid.
11857.3	Wind River Regulatory Daybeacon C	45-42-47.104N 121-48-31.532W				NW	Private aid.
11857.4	Wind River Regulatory Buoy D					White and orange ball.	Private aid.
11857.5	Wind River Regulatory Buoy E					White and orange ball.	Private aid.
11857.6	Wind River Regulatory Buoy F					White and orange ball.	Private aid.
11857.7	Wind River Regulatory Buoy G					White and orange ball.	Private aid.
11857.8	Wind River Regulatory Buoy H					White and orange ball.	Private aid.
11857.9	Wind River Regulatory Daybeacon J	45-42-31.270N 121-47-00.235W				NW	Private aid.
11858	WYETH BOAT RAMP BREAKWATER LIGHT 1	45-41-40.231N 121-46-26.742W	FI G 4s			SG on breakwater.	Private aid.
11859	WYETH BOAT RAMP BREAKWATER LIGHT 2	45-41-40.335N 121-46-24.479W	FIR 4s			TR on breakwater.	Private aid.
11860	- LIGHT 23	45-41-48.291N 121-44-14.035W	FI G 6s	15	4	SG on dolphin.	
11865	- LIGHT 25	45-41-50.313N 121-42-23.863W	FI G 4s	31	4	SG on concrete pillar.	
11870	WIND MOUNTAIN UPPER RANGE FRONT LIGHT 26	45-41-34.443N 121-42-09.203W	QR	29		KRB on multi-pile structure, TR oriented upstream.	Visible all around.
11875	WIND MOUNTAIN UPPER RANGE REAR LIGHT 837 yards, 095.0° from front light.	45-41-31.222N 121-41-16.530W	Iso R 6s	61		KRB on skeleton tower on multi-pile structure.	Visible 5.5° each side of rangeline.
11880	COOK POINT RANGE FRONT LIGHT	45-42-29.746N 121-39-41.324W	QW	29		KRB on rock face.	Visible all around.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BON	NEVILLE TO THE DALLES (Chai		LUMBIA RIVER - Th	irteenth Dis	trict		
Bonn 11885	neville Pool COOK POINT RANGE REAR LIGHT	45-42-41.173N 121-39-01.854W	Iso W 6s	58		KRB on skeleton tower.	Visible 4° each side of rangeline
	1,010 yards, 067.5° from front light.						
1890	- Daybeacon 28	45-42-02.213N 121-40-08.188W				TR on pile.	
11895	LITTLE WHITE SALMON UPPER RANGE FRONT LIGHT 30	45-42-18.178N 121-36-45.721W	QR	33		KRB on rock face, TR oriented up channel.	Visible all around.
1900	LITTLE WHITE SALMON UPPER RANGE REAR LIGHT 470 yards, 087° from front light.	45-42-18.894N 121-36-25.899W	Iso R 6s	56		KRB on skeleton tower.	Visible 4° each side of rangeline
11905	- Lighted Buoy 32	45-42-33.525N 121-35-53.136W	FIR 4s		4	Red.	
11910	- Lighted Buoy 34	45-43-22.543N 121-32-39.565W	FI R 2.5s		4	Red.	
11912	White Salmon Shoal Lighted Buoy 33	45-43-32.514N 121-31-24.960W	FI G 2.5s			Green.	Private aid.
11915	HOOD RIVER RANGE FRONT LIGHT	45-43-26.740N 121-29-51.486W	QW	32		KRB on skeleton tower.	Visible all around.
11920	HOOD RIVER RANGE REAR LIGHT 289 yards, 091.5° from front light.	45-43-26.512N 121-29-39.286W	Iso W 6s	52		KRB on skeleton tower.	Visible 4° each side of rangeline
11925	- LIGHT 35	45-43-37.767N 121-30-41.773W	FI G 4s	14	4	SG on skeleton tower.	
Hood 11930	I River - Bridge Approach Buoy 35A	45-43-10.497N 121-29-42.891W				Green can.	
11932	- Lighted Buoy 36	45-43-22.136N 121-30-32.223W	FIR 4s		4	Red.	
1933	- Highway Bridge Columbia River mile: 169.8	45-43-07.000N 121-29-40.000W				Vertical lift bridge.	
1935	- Bridge Approach Buoy 37	45-43-06.033N 121-29-34.504W				Green can.	
1940	- Bridge Approach Buoy 38	45-43-02.251N 121-29-36.910W				Red nun.	
1960	- BREAKWATER LIGHT	45-42-54.000N 121-30-24.000W	FY	13		On pipe.	Private aid.
1965	- MARINA ENTRANCE WEST LIGHT	45-42-58.000N 121-30-03.000W	FIR 4s	13		On pipe.	Private aid.
11970	- MARINA ENTRANCE EAST LIGHT	45-42-50.000N 121-29-59.000W	FI G 4s	13		On pile.	Private aid.
Bonn 1985	neville Pool - Lighted Buoy 39	45-42-13.345N 121-27-42.854W	FI G 4s		4	Green.	
11990	BINGEN RANGE FRONT LIGHT	45-41-42.049N 121-26-41.465W	QR	27		KRB on skeleton tower.	Visible 4° each side of rangeline
11995	BINGEN RANGE REAR LIGHT 1,590 yards, 123.9° from front light.	45-41-15.786N 121-25-45.669W	Iso R 6s	57		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
12000	BINGEN BOAT BASIN ENTRANCE LIGHT 3	45-42-14.655N 121-27-15.721W	FI G 6s	27	4	SG on pile.	
2005	Bingen Boat Basin Entrance Daybeacon 4	45-42-15.294N 121-27-11.656W				TR on pile.	
2010	- LIGHT 41	45-41-55.803N 121-25-27.703W	FI G 2.5s	11	4	SG on pole on rock.	
2015	- Lighted Buoy 42	45-41-51.386N 121-25-58.859W	FI R 2.5s		4		
2020	- LIGHT 45	45-41-50.535N 121-23-45.421W	FI G 4s	29	4	SG on skeleton tower.	
12025	- Buoy 45A	45-41-55.357N 121-23-15.967W				Green can.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BONI	NEVILLE TO THE DALLES (Char		LUMBIA RIVER - Th	irteenth Dis	trict		
	eville Pool	11 10332)					
12030	- LIGHT 47	45-42-22.671N 121-22-40.087W	FI G 6s	39	4	SG on multi-pile structure.	
2035	COLUMBIA VIEW ORCHARDS WATER INTAKE PIPE WARNING LIGHT	45-42-01.223N 121-22-09.090W	FI W 6s			NW on pile structure worded DANGER.	Private aid.
2040	- LIGHT 48	45-42-04.479N 121-21-55.375W	FIR 4s	26	3	TR on skeleton tower.	
2045	- LIGHT 50	45-42-15.238N 121-20-28.462W	FIR 6s	26	4	TR on multi-pile structure.	
2051	- Daybeacon 51	45-42-19.113N 121-20-25.129W				SG on single steel pile.	
2055	MEMALOOSE ISLAND SOUTH LIGHT 1	45-42-07.017N 121-20-29.772W	FI G 2.5s	28	4	SG on tower.	
2060	Memaloose Island South Daybeacon 2	45-42-02.517N 121-20-29.281W				TR on pile.	Ra ref.
2065	- LIGHT 53	45-42-18.297N 121-20-09.853W	FI G 4s	26	4	SG on skeleton tower.	
12070	- LIGHT 54	45-41-38.997N 121-18-21.673W	FIR 4s	21	4	TR on cylinder.	
12075	- Daybeacon 55	45-41-37.719N 121-17-50.931W				SG on dolphin.	Ra ref.
2080	- LIGHT 56	45-41-06.650N 121-17-10.747W	FI R 2.5s	26	5	TR on skeleton tower.	
2085	- LIGHT 57	45-41-17.489N 121-17-11.691W	FI G 2.5s	30	4	SG on skeleton tower.	
2090	- LIGHT 57A	45-40-33.520N 121-14-04.400W	FI G 4s	35	4	SG on skeleton tower.	
2095	- Lighted Buoy 58	45-40-16.730N 121-13-34.249W	FIR 4s		4	Red.	
2100	- LIGHT 60	45-39-51.904N 121-12-59.517W	FIR 6s	22	4	TR on skeleton tower on concrete pile structure.	
2105	- LIGHT 62	45-38-55.641N 121-12-06.739W	FI R 2.5s	40	4	TR on skelton tower.	
2110	- LIGHT 64	45-37-35.475N 121-11-48.061W	FIR 4s	17	4	TR on pole on concrete crib.	
2111.1	DALLESPORT BOAT BASIN LIGHT 1	45-37-02.060N 121-11-41.370W	FI G 4s			On rock breakwater.	Private aid.
2111.2	DALLESPORT BOAT BASIN LIGHT 2	45-37-01.490N 121-11-39.740W	FIR 4s			On cliff.	Private aid.
2111.3	DALLESPORT BOAT BASIN DOCK LIGHT A	45-37-01.610N 121-11-40.750W	FIY6s			On float dock.	Private aid.
2112	The Dalles Commercial Dock Lighted Buoy A	45-36-19.104N 121-11-00.386W	FI Y 2.5s			Yellow.	Private aid.
2114	THE DALLES COMMERCIAL DOCK LIGHT B	45-36-17.745N 121-10-59.657W	FIY4s			NY	Private aid.
12116	THE DALLES COMMERCIAL DOCK LIGHT C	45-36-17.043N 121-10-57.555W	FIY4s			NY	Private aid.
2118	THE DALLES COMMERCIAL DOCK LIGHT D	45-36-16.418N 121-10-55.806W	FI Y 4s			NY	Private aid.
2119	The Dalles Outfall Daybeacon	45-36-12.254N 121-10-40.270W				NW on piling.	Private aid.
2120	THE DALLES BOAT BASIN LIGHT 2	45-36-07.995N 121-10-26.521W	FIR 4s	19	4	TR on dolphin.	
2130	- Lighted Buoy 69	45-36-33.343N 121-08-52.330W	FI G 2.5s		4	Green.	
2133	SR 197 Highway Bridge Columbia River mile: 191.6	45-36-39.000N 121-08-25.000W				Fixed bridge.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		co	LUMBIA RIVER - Th	irteenth Dis	trict		
The I	E CELILO (Chart 18533) Dalles to John Day Dam Dalles Dam						
12135	- Buoy A Marks restricted area.	45-37-04.520N 121-07-58.191W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
2140	- Buoy B Marks restricted area.	45-37-07.432N 121-07-45.338W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
2145	Buoy C Marks restricted area.	45-37-10.028N 121-07-34.350W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
12150	- Buoy D Marks restricted area.	45-37-11.980N 121-07-25.820W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
Lake 12155	Celilo - LIGHT 1	45-37-31.449N 121-07-19.405W	FI G 4s	21	4	SG on pole.	
12160	- LIGHT 3	45-37-54.864N 121-06-41.100W	FI G 6s	21	5	SG on concrete pillar.	
2165	- LIGHT 4	45-38-16.242N 121-05-41.418W	FIR 4s	15	5	TR on concrete pillar.	
12170	- Daybeacon 6	45-38-40.143N 121-05-10.111W				TR on multi-pile.	
12175	- LIGHT 7	45-39-08.703N 121-04-45.619W	FI G 2.5s	17	3	SG on concrete pillar.	
12180	- Buoy 8	45-39-14.654N 121-03-59.630W				Red nun.	
12185	- LIGHT 9	45-39-25.586N 121-03-30.113W	FI G 4s	23	4	SG on concrete pillar.	
12190	- LIGHT 10	45-39-24.969N 121-02-21.319W	FIR 4s	31	4	TR on multi-pile structure.	
12195	- Lighted Buoy 11 - LIGHT 12	45-39-34.561N 121-01-38.853W	FIG 6s	15	4	TD on pilo	
12200	Celilo Railroad Bridge	45-39-10.305N 121-00-34.171W 45-38-56.000N	FI R 2.5s	15	4	TR on pile. Vertical lift bridge.	
12205	Columbia River mile: 201.2 - LIGHT 18	120-58-54.000W 45-38-44.175N	FIR 4s	15	4	TR on concrete	
12205		120-58-20.281W	FI K 4S	15	4	pillar. TR on pillar.	
12210	- Daybeacon 20 - BOAT BASIN LIGHT 22	45-38-55.155N 120-58-01.021W 45-39-00.687N	QR	17	4	TR on concrete	
12213	Hells Gate Range A Front	120-57-51.481W 45-39-19.199N	QK	17	4	pillar. KGB on skeleton	
12225	Daybeacon Hells Gate Range A Rear	120-54-18.306W 45-39-18.977N				tower. KGB on skeleton	
	Daybeacon 222 yards, 091.9° from front daybeacon.	120-54-08.918W				tower.	
12230	- Daybeacon 27	45-39-44.079N 120-53-07.313W				SG on pile.	
12235	MILLER ISLAND SOUTH CHANNEL RANGE A FRONT LIGHT	45-39-39.528N 120-56-47.582W	QG	39		KRB on skeleton tower.	Visible all around.
12240	MILLER ISLAND SOUTH CHANNEL RANGE A REAR LIGHT 226 yards, 323.4° from front light.	45-39-44.897N 120-56-53.262W	Iso G 6s	52		KRB on skeleton tower.	Visible 4° each side of rangeli

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	E CELILO (Chart 18533)	CO	LUMBIA RIVER - Th	irteenth Dis	trict		
Lake 12245	e Celilo - SOUTH CHANNEL LIGHT 2	45-38-53.013N 120-56-06.373W	FIR 6s	19	5	TR on skeleton tower.	
12251	- SOUTH CHANNEL LIGHT 3		FI G 4s	19	4	SG on multi-pile structure.	
12255	MILLER ISLAND SOUTH CHANNEL RANGE B FRONT LIGHT	45-38-15.176N 120-54-01.557W	QG	45		KRB on skeleton tower.	Visible 4° each side of rangeline
12260	MILLER ISLAND SOUTH CHANNEL RANGE B REAR LIGHT 249 yards, 113.2° from front	45-38-12.268N 120-53-51.909W	Iso G 6s	81		KRB on skeleton tower.	Visible 4° each side of rangeline
12265	light South Channel Daybeacon 4					TR on multi-pile.	
12270	- South Channel Daybeacon 5	120-55-05.821W 45-38-34.473N 120-54-20.791W				SG on pile.	Ra ref.
12275	MILLER ISLAND SOUTH CHANNEL RANGE C FRONT LIGHT	45-38-08.449N 120-54-44.461W	QG	48		KRB on skeleton tower.	Visible 4° each side of rangeline
12280	MILLER ISLAND SOUTH CHANNEL RANGE C REAR LIGHT 460 yards, 231° from front	45-37-59.861N 120-54-59.560W	Iso G 6s	81		KRB on skeleton tower.	Visible 4° each side of rangeline
12282	light. SHAVER BIGGS MOORING BARGE LIGHT A	45-39-42.696N 120-51-51.264W	FIY6s			NY on floating barge.	Private aid.
12283	SHAVER BIGGS MOORING BARGE LIGHT B	45-39-44.280N 120-51-48.780W	FIY6s			NY on floating barge.	Private aid.
12285	Hells Gate Range B Front Daybeacon	45-39-47.395N 120-51-24.342W				KGB on skeleton tower.	
12290	Hells Gate Range B Rear Daybeacon 465 yards, 092.3° from front daybeacon.	45-39-46.840N 120-51-04.735W				KGB on skeleton tower.	
12295	- Buoy 29	45-39-53.970N 120-51-59.016W				Green can.	
12300	- Lighted Buoy 31	45-40-18.015N 120-51-26.061W	FI G 4s		4	Green.	
12306	TIDEWATER MOORING BARGE LIGHT A	45-40-09.550N 120-50-39.590W	FIY 10s	13		On mooring barge.	Private aid.
12311	TIDEWATER MOORING BARGE LIGHT B	45-40-08.100N 120-50-42.750W	FI Y 10s	13		On mooring barge.	Private aid.
12320	- Buoy 32	45-40-21.048N 120-50-39.124W				Red nun.	
Mary 12325	yhill-Biggs Bridge Approach - Buoy 33	45-40-35.789N				Green can.	
12330	- Buoy 34	120-50-17.308W 45-40-31.297N				Red nun.	
12333	Biggs-Maryhill Highway Bridge Columbia River mile: 209.2	120-50-16.427W 45-40-36.000N 120-50-11.000W				Fixed bridge.	
12335	- Buoy 35	45-40-38.742N				Green can.	
12340	- Buoy 36	120-50-04.567W 45-40-33.923N 120-50-01.516W				Red nun.	
Lake	e Celilo	120 00 01.010					
12345	- Daybeacon 40	45-40-59.349N 120-47-50.125W				TR on multi-pile structure.	
12350	- LIGHT 41	45-41-22.557N 120-47-19.825W	FI G 4s	15	4	SG on pole.	
12355	- Daybeacon 42	45-41-31.343N 120-45-51.810W				TR on pile.	
12360	- Buoy 45	45-42-20.468N 120-43-50.608W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKI	E CELILO (Chart 18533)	CO	LUMBIA RIVER - Th	irteenth Dis	trict		
	Celilo	45 40 40 440N				ND an annual	
12365	- Daybeacon JD	45-42-16.119N 120-43-22.801W				NB on concrete pillar.	
	N DAY DAM TO BLALOCK (Cha	rt 18535)					
John 12370	LAKE CELILO LIGHT 46 100 feet outside channel limit.	45-42-34.665N 120-43-01.465W	FIR 6s	28	5	TR on multi-pile structure.	
2375	- RANGE FRONT LIGHT	45-42-55.883N 120-42-15.819W	QG	19		KRB on lock wall.	Visible 5.5° each side of rangeline.
2380	- RANGE REAR LIGHT 269 yards, 060.7° from front light.	45-42-59.770N 120-42-05.910W	Iso G 6s	37		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
2385	- DAM LOWER BREAKWATER LIGHT 2	45-42-55.904N 120-42-15.801W	FIR 2s			On breakwater.	Maintained by U.S. Army Corps of Engineers. Private aid.
2390	- DAM LOWER GUIDEWALL LIGHT A 700 feet below lock gate.	45-43-02.129N 120-42-03.546W	FY			On guidewall.	Maintained by U.S. Army Corport Engineers. Private aid.
Lake 2395	Umatilla - LIGHT 1	45-43-24.555N 120-41-23.521W	FI G 2.5s	20	5	SG on pile.	On rock pinnacle.
2400	 Lighted Buoy 2 Marks restricted area. 	45-43-21.324N 120-41-14.523W	FIR 4s		4	Red.	
12405	John Day Dam Buoy A Marks restricted area.	45-43-14.088N 120-41-10.105W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
2410	John Day Dam Buoy B Marks restricted area.	45-43-10.130N 120-41-05.232W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
2415	John Day Dam Buoy C Marks restricted area.	45-43-04.155N 120-40-58.857W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
2420	- Daybeacon 4	45-44-09.015N 120-38-45.661W				TR on skeleton tower.	
2425	- LIGHT 5	45-45-02.877N 120-37-40.135W	FI G 4s	27	4	SG on skeleton tower.	
2430	- LIGHT 6	45-44-13.089N 120-34-36.061W	FI R 2.5s	61	4	TR on platform.	
2435	- Lighted Buoy 8	45-42-32.050N 120-31-20.260W	FIR 4s		4	Red.	
2440	- LIGHT 9	45-42-18.555N 120-30-10.500W	FI G 4s	22	4	SG on skeleton tower.	
2445	- Lighted Buoy 10	45-41-50.377N 120-30-18.926W	FIR 6s		4	Red.	
2450	- LIGHT 12	45-41-28.695N 120-27-55.440W	FI R 2.5s	15	4	TR on pile.	
2455	- LIGHT 11	45-42-09.444N 120-27-37.776W	FI G 6s	55	4	SG on skeleton tower.	
2460	- LIGHT 13	45-42-02.432N 120-26-30.178W	FI G 2.5s	15	4	SG on multi-pile structure.	
12465	- LIGHT 15	45-42-24.015N 120-23-15.780W	FI G 4s	28	4	SG on skeleton tower.	
	DALE TO HEPPNER JUNCTION	(Chart 18536)					
Lake 2470	Umatilla - LIGHT 17	45-42-46.515N 120-20-24.660W	FI G 6s	69	4	SG on skeleton tower.	
12475	- LIGHT 18	45-42-59.115N 120-17-01.320W	FIR 4s	35	4	TR on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	DALE TO HEPPNER JUNCTION		DLUMBIA RIVER - Th	irteenth Dis	trict		
12481	PORT OF ARLINGTON MARINA LIGHT 1	45-43-17.220N 120-12-35.220W	FI G 6s			SG on pipe pole.	Private aid.
12482	PORT OF ARLINGTON MARINA LIGHT 2	45-43-18.660N 120-12-40.320W	FIR 6s			TR on pipe pole.	Private aid.
12485	ARLINGTON GRAIN TOWER LIGHT	45-43-26.200N 120-12-21.060W	FIY6s			Loading tower of grain elevator.	Private aid.
12490	- LIGHT 21	45-44-09.805N 120-12-00.917W	FI G 2.5s	15	4	SG on multi-pile structure.	
12495	- LIGHT 22	45-45-14.841N 120-10-07.311W	FIR 4s	10	4	TR on skeleton tower.	
12500	- Daybeacon 23	45-45-15.795N 120-11-21.900W				SG on skeleton tower.	
12505	- LIGHT 23A	45-46-56.325N 120-07-49.764W	FI G 6s	27	4	SG on skeleton tower.	
12510	- LIGHT 25	45-47-16.174N 120-05-28.740W	FI G 4s	34	4	SG on skeleton tower.	
12515	- LIGHT 26	45-47-36.616N 120-01-55.560W	FIR 6s	37	4	TR on skeleton tower.	
12520	- LIGHT 27	45-49-00.736N 119-59-46.320W	FI G 2.5s	29	4	SG on skeleton tower.	
	ERDALE TO BLALOCK ISLANDS Umatilla	S (Chart 18537)					
12525	- LIGHT 28	45-49-02.254N 119-58-04.548W	FIR 4s	15	4	TR on pile.	
12530	- LIGHT 29	45-49-48.632N 119-56-17.001W	FI G 4s	15	4	SG on multi-pile structure.	
12535	- LIGHT 30	45-49-26.812N 119-55-52.830W	FI R 2.5s	15	4	TR on multi-pile structure.	
12540	- LIGHT 31	45-50-32.752N 119-51-37.867W	FI G 6s	15	4	SG on multi-pile structure.	
12545	- LIGHT 32	45-50-09.638N 119-51-15.217W	FIR 6s	15	4	TR on multi-pile structure.	
12550	- LIGHT 34	45-50-38.092N 119-49-02.304W	FIR 4s	15	5	TR on dolphin.	
12555	- LIGHT 35	45-51-03.976N 119-48-36.060W	FI G 4s	55	4	SG on skeleton tower.	
12560	- LIGHT 36	45-50-42.563N 119-46-58.881W	FIR 6s	15	4	TR on multi-pile structure.	
12565	- LIGHT 37	45-51-08.200N 119-45-34.734W	FI G 6s	15	4	SG on multi-pile structure.	
12570	MESSNER LOWER RANGE FRONT LIGHT	45-51-01.146N 119-41-36.080W	FI W 2.5s (NIGHT) FI W 2.5s (DAY)	41		Skeleton tower.	Range visible 1.5° each side of rangeline. Lighted throughout 24 hours, higher intensity during daytime.
12575	MESSNER LOWER RANGE REAR LIGHT 183 yards, 088° from front light.	45-51-01.341N 119-41-28.299W	Iso W 6s (NIGHT) Iso W 6s (DAY)	64		Skeleton tower.	Range visible 1.5° each side of rangeline. Lighted throughout 24 hours, higher intensity during daytime.
12580	- LIGHT 39	45-51-06.176N 119-43-07.273W	FI G 2.5s	15	4	SG on multi-pile structure.	
12585	BOARDMAN MARINE PARK ENTRANCE LIGHT 1	45-50-42.297N 119-42-47.361W	FI G 4s	17	4	SG on platform.	
12590	BOARDMAN MARINE PARK ENTRANCE LIGHT 2	45-50-43.431N 119-42-49.515W	FIR 4s	17	4	TR on platform.	
12595	MESSNER MIDDLE RANGE FRONT LIGHT	45-51-34.880N 119-39-34.015W	QW	37		KRB on square wooden tower.	Visible all around; higher intensit 1.5° each side of rangeline.
12600	MESSNER MIDDLE RANGE REAR LIGHT 134 yards, 076.2° from front light.	45-51-35.826N 119-39-28.520W	Iso W 6s	55		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
12605	- LIGHT 40	45-51-10.936N 119-41-25.740W	FIR 4s	15	4	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	RDALE TO BLALOCK ISLANDS		LUMBIA RIVER - Th	irteenth Dis	trict		
12610	- LIGHT 41	45-51-29.785N 119-40-27.975W	FI G 4s	15	5	SG on multi-pile structure.	
12615	MESSNER UPPER RANGE FRONT LIGHT	45-51-17.595N 119-39-58.954W	QR	12		KRB on multi-pile structure.	Visible 5.5° each side of rangeline.
12620	MESSNER UPPER RANGE REAR LIGHT 301 yards, 211.2° from front light.	45-51-09.971N 119-40-05.561W	Iso R 6s	42		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline.
12622	PACIFIC ETHANOL FUEL DOCK LIGHT A	45-51-37.600N 119-39-35.000W	FIY6s			On multipile dolphin.	Private aid.
12623	PACIFIC ETHANOL FUEL DOCK LIGHT B	45-51-39.100N 119-39-32.800W	FIY6s			On multipile dolphin.	Private aid.
12625	- LIGHT 43	45-51-56.248N 119-39-41.340W	FI G 6s	17	4	SG on multi-pile structure.	
12626.5	Boardman Water Intake Pipe Lighted Buoy A	45-51-49.210N 119-39-22.460W	FI W 4s			White and orange can.	Private aid.
12627	Boardman Water Intake Pipe Lighted Buoy B	45-51-51.321N 119-39-21.502W	FI W 4s			White and orange can.	Private aid.
12627.5	Boardman Water Intake Pipe Lighted Buoy C	45-51-52.940N 119-39-19.200W	FI W 4s			White and orange can.	Private aid.
12630	- LIGHT 45	45-52-23.836N 119-39-11.436W	FI G 4s	15	5	SG on multi-pile structure.	
12635	- Daybeacon 46	45-52-52.888N 119-38-16.122W				TR on pile.	
	OCK ISLAND TO McNARY DAN Umatilla	/I (CHART 18539)					
12640	- LIGHT 49	45-53-20.176N 119-38-25.620W	FI G 6s	15	4	SG on pile.	
12645	- LIGHT 50	45-53-42.256N 119-37-34.800W	FIR 4s	19	4	TR on pile.	
12650	- LIGHT 51	45-54-52.998N 119-36-48.492W	QG	15	4	SG on multi-pile structure.	
12655	- LIGHT 53	45-55-20.941N 119-35-46.551W	FI G 4s	15	4	SG on multi-pile structure.	
12660	- LIGHT 55	45-55-29.776N 119-35-07.620W	FI G 6s	15	4	SG on pile.	
12665	IRRIGON LOWER RANGE FRONT LIGHT 60	45-54-08.893N 119-30-50.138W	QR	23		KRW on skeleton tower, on multi-pile structure. TR oriented upstream.	Visible all around; higher intensity 1.5° each side of rangeline.
12670	IRRIGON LOWER RANGE REAR LIGHT 353 yards, 117.4° from front light.	45-54-04.081N 119-30-36.825W	Iso R 6s	43		KRW on skeleton tower.	Visible 4° each side of rangeline.
12680	- LIGHT 57	45-54-44.868N 119-32-18.721W	FI G 4s	16	5	SG on multi-pile structure.	
12685	- LIGHT 59	45-54-27.144N 119-31-14.799W	FI G 2.5s	17	4	SG on multi-pile structure.	
12690	IRRIGON MIDDLE RANGE FRONT LIGHT 67	45-55-19.217N 119-26-32.636W	QG	47		KRW on skeleton tower, SG oriented upstream.	Visible all around; higher intensity 1.5° each side of rangeline.
12695	IRRIGON MIDDLE RANGE REAR LIGHT 317 yards, 064.4° from front light.	45-55-23.267N 119-26-20.512W	Iso G 6s	73		KRW on skeleton tower.	Visible 14° each side of rangeline.
12700	- LIGHT 62	45-54-18.511N 119-29-00.444W	FI R 2.5s	17	4	TR on pile.	
12705	- LIGHT 64	45-54-44.562N 119-27-55.305W	FIR 4s	18	4	TR on multi-pile structure.	
12710	PUMP STATION INTAKE LIGHT	45-54-52.000N 119-25-53.000W	FIR 10s			On end of intake pipe.	Private aid.
12715	IRRIGON UPPER RANGE FRONT LIGHT	45-55-09.065N 119-27-29.945W	QW	49		KRB on skeleton tower.	Visible 4° each side of rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BLAL	OCK ISLAND TO McNARY DAM		LUMBIA RIVER - Th	irteenth Dis	trict		
Lake 12720	Umatilla IRRIGON UPPER RANGE REAR LIGHT 663 yards, 268.6° from front light.	45-55-08.575N 119-27-58.089W	Iso W 6s	79		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
12725	- Buoy 70	45-55-07.494N 119-24-33.132W				Red nun.	
12730	- LIGHT 72	45-54-58.132N 119-23-39.228W	FIR 4s	25	4	TR on multi-pile structure.	
12735	- LIGHT 73	45-55-33.973N 119-21-46.397W	FI G 4s	23	5	SG on pile.	
12740	UMATILLA MARINA ENTRANCE LIGHT 1	45-55-35.373N 119-19-56.013W	FI G 6s	15	4	SG on end of wooden marina jetty.	
12745	- Buoy 75	45-55-48.314N 119-19-59.984W				Green can.	
12750	- Buoy 76	45-55-49.343N 119-19-46.003W				Red nun.	
12752	I-82 Highway Bridge (south bound) Columbia River mile: 290.5	45-55-51.000N 119-19-41.000W				Fixed bridge.	
12753	I-82 Highway Bridge (north bound) Columbia River mile: 290.5	45-55-51.000N 119-19-41.000W				Fixed bridge.	
12755	- Buoy 77	45-55-58.520N 119-19-38.115W				Green can.	
12760	- Buoy 78	45-55-53.360N 119-19-35.683W				Red nun.	
12765	MCNARY RANGE FRONT LIGHT	45-56-21.586N 119-18-37.032W	QG	58		KRW on skeleton tower.	Visible 4° each side of rangelin
12770	MCNARY RANGE REAR LIGHT 435 yards, 058.8° from front light.	45-56-28.249N 119-18-21.252W	Iso G 6s	84		KRW on skeleton tower.	Visible 4° each side of rangelin
12775.1	MCNARY DAM OUTFALL PIPE LIGHT A	45-56-10.640N 119-18-21.971W	FIY2s			NY on end of outfall.	Private aid.
12775.2	MCNARY DAM OUTFALL PIPE LIGHT B	45-56-07.991N 119-18-20.942W	FIY4s			On outfall pipe.	Private aid.
12775.3	MCNARY DAM OUTFALL PIPE LIGHT C	45-56-05.370N 119-18-19.929W	FI Y 4s			On outfall pipe.	Private aid.
12775.4	MCNARY DAM OUTFALL PIPE LIGHT D	45-56-02.748N 119-18-18.916W	FIY4s			On outfall pipe.	Private aid.
12775.5	MCNARY DAM OUTFALL PIPE LIGHT E	45-56-00.127N 119-18-17.903W	FIY4s			On outfall pipe.	Private aid.
12780	Mcnary Lock Highway Bridge Columbia River mile: 292.5	45-56-26.000N 119-17-56.000W				Bascule bridge.	
Lake '	ARY DAM TO JUNIPER (Chart 1 Wallula	8541)					
McNa 12815	ry Boat Ramp Lake Wallula Lighted Buoy 2	45-56-27.768N 119-17-16.291W	FIR 4s		4	Red.	
	ry Dam s mark restricted area.						
12820	- Buoy A	45-56-27.806N 119-17-26.158W				White can with orange bands and orange diamond with orange center cross worded A.	Aid maintained by U.S. Army Corps of Engineers.
12825	- Buoy B	45-56-21.000N 119-17-17.897W				White can with orange bands and orange diamond with orange center cross worded B.	Aid maintained by U.S. Army Corps of Engineers.
12830	- Buoy C	45-56-14.998N 119-17-19.498W				White can with orange bands and orange diamond with orange center cross worded C.	Aid maintained by U.S. Army Corps of Engineers.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MCN	ADV DAM TO HINDED (Chart 4		LUMBIA RIVER - Th	irteenth Dis	trict		
Lake McNa	ARY DAM TO JUNIPER (Chart 1 Wallula ary Dam	0341)					
<i>Вио</i> у 12835	vs mark restricted area. - Buoy D	45-56-08.394N 119-17-20.816W				White can with orange bands and orange diamond with orange center cross worded D.	Aid maintained by U.S. Army Corps of Engineers.
12840	- Buoy E	45-56-01.884N 119-17-22.209W				White can with orange bands and orange diamond with orange center cross worded E.	Aid maintained by U.S. Army Corps of Engineers.
12845	- Buoy F	45-55-55.552N 119-17-24.015W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
12850	- Buoy G	45-55-51.760N 119-17-28.800W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
12855	- Buoy H	45-55-47.532N 119-17-33.340W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
12860	McNary Research Lighted Float	45-56-15.250N 119-17-07.700W	FI Y 6s			On float.	Private aid.
	Wallula						
12865	- LIGHT 1	45-56-46.093N 119-16-44.817W	FI G 4s	12	4	SG on tower.	
12870	- LIGHT 4	45-55-16.720N 119-09-58.098W	FIR 6s	17	6	TR on tower.	
12873	- Pump Station Lighted Buoys (5)		FI W 4s			White with orange bands and orange diamond with cross worded DANGER CLOSED AREA.	Private aid.
12875	- LIGHT 7	45-56-44.014N 119-06-27.102W	FI G 6s	34	4	SG on tower.	
12880	- Daybeacon 9	45-57-40.570N 119-04-15.960W				SG on tower.	
12885	- Daybeacon 11	45-57-48.568N 119-03-58.704W				SG on tower.	
12890	- LIGHT 13	45-58-24.598N 119-01-58.464W	FI G 4s	29	4	SG on tower.	
12895	- LIGHT 14	45-59-40.564N 118-59-00.810W	FIR 4s	80	4	TR on tower.	
JUNI	PER TO PASCO (Chart 18542)						
Lake 12900	Wallula Port Kelley Range A Front Daybeacon	46-01-35.481N 118-56-10.004W				KRB on skeleton tower.	Private aid.
12905	Port Kelley Range A Rear Daybeacon 235 yards, 075.5° from front daybeacon.	46-01-41.481N 118-56-16.004W				KRB on skeleton tower.	Private aid.
12907	WALLA WALLA YACHT CLUB BREAKWATER LIGHT	46-01-41.880N 118-56-09.085W	FY	10		On floating breakwater.	Private aid.
12910	- LIGHT 20	46-02-42.297N 118-56-25.765W	FIR 6s	22	5	TR on tower.	
12915	- LIGHT 22	46-03-45.027N 118-56-20.005W	FIR 4s	17	4	TR on pile.	
12942	WALLULA WATER INTAKE LIGHT A	46-05-05.514N 118-55-26.317W	FIY4s			On steel structure.	Private aid.
12965	- LIGHT 23	46-03-56.168N 118-57-00.627W	FI G 4s	16	4	SG on platform.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
JUINIE	PER TO PASCO (Chart 18542)	CO	LUMBIA RIVER - Th	irteenth Dis	trict		
	Wallula						
12970	- LIGHT 26	46-06-05.898N 118-57-03.853W	FIR 6s	17	4	TR on pile.	
12975	- LIGHT 27	46-06-22.959N 118-57-55.963W	FI G 6s	17	4	SG on pile.	
12979	- West Channel Junction Lighted Buoy W	46-07-34.351N 118-58-18.812W	FI (2+1)G 6s		4	Green and Red.	
12985	HOMLY CENTER CHANNEL LIGHT 1	46-08-06.052N 118-58-59.557W	FI G 4s	17	4	SG on pile.	
12991	HOMLY CENTER CHANNEL LIGHT 2	46-09-07.227N 118-59-41.785W	FIR 4s	17	4	TR on pile.	
12995	- LIGHT 30	46-07-51.499N 118-57-50.962W	FI R 2.5s	23	4	TR on dolphin.	
13000	- LIGHT 34	46-08-52.781N 118-58-40.700W	FIR 4s	23	4	TR on dolphin.	
13005	- Daybeacon 36	46-09-11.028N 118-59-02.965W				TR on pile.	
13010	- Junction Daybeacon	46-09-28.969N 118-59-53.809W				JG on pile.	
13015	- LIGHT 38	46-10-03.298N 118-59-57.546W	FIR 6s	40	5	TR on skeleton tower.	
13020	HEDGES TERMINAL WHARF NORTH LIGHT	46-10-33.000N 119-01-14.000W	FY	17		On dolphin.	Private aid.
13025	HEDGES TERMINAL WHARF SOUTH LIGHT	46-10-30.000N 119-01-10.000W	FY	17		On dolphin.	Private aid.
13027	Kalan Railroad Bridge Columbia River mile: 323.4	46-10-41.000N 119-01-07.000W				Vertical lift bridge.	
13027.5	KALAN RAILROAD BRIDGE RACON K	46-10-40.780N 119-01-07.410W				On center of lift span.	RACON: K () Energized when bridge fully open. Private aid.
13030	- Daybeacon 42	46-11-27.873N 119-01-32.582W				TR on pile.	Ra ref.
13040	SNAKE RIVER JUNCTION LIGHT S	46-11-52.786N 119-02-22.848W	FI (2+1)G 6s	16	4	JG on platform.	
13045	- Daybeacon 44	46-12-09.868N 119-03-31.128W				TR on pile.	Ra ref.
13050	- LIGHT 46	46-12-32.372N 119-04-45.045W	FIR 6s	16	5	TR on pile.	
13051	Kennewick-Pasco Railroad Bridge Columbia River mile: 328	46-12-57.000N 119-05-48.000W				Vertical lift bridge.	
PASC	O TO RICHLAND (Chart 18543))					
Lake 13052	Wallula KENNEWICK WATER	46-12-53.291N	FY			On corners of	Private aid.
JUNIF	INTAKE LIGHTS (2) PER TO PASCO (Chart 18542)	119-06-16.564W				water intake.	
Lake 13052.5	Wallula Pasco-Kennewick Highway Bridge Columbia River mile: 328.4	46-13-03.000N 119-06-19.000W				Fixed bridge.	
PASC	O TO RICHLAND (Chart 18543))					
Lake 13053	Wallula CLOVER ISLAND	46-13-03.570N	FI W 4s	35		Black and tan	Private aid.
13055	LIGHTHOUSE - LIGHT 49	119-06-58.610W 46-13-17.458N	FI G 4s	12	4	conical tower. SG on pile.	
13057	US-395 12 Blue Highway Bridge	119-07-13.158W 46-13-29.000N 119-08-09.000W				Fixed bridge.	
	Columbia River mile 330.0						
13060	- LIGHT 52	46-14-02.086N 119-11-26.310W	FIR 4s	10	4	TR on pile.	
13071	- LIGHT 56	46-14-16.023N 119-12-20.961W	FI R 2.5s	17	4	TR on pile.	
13075	- LIGHT 59	46-14-22.624N 119-12-51.696W	FI G 2.5s	17	4	SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HINIE	DED TO DASCO (Chart 19542)	CC	LUMBIA RIVER - Th	irteenth Dist	trict		
	PER TO PASCO (Chart 18542) Wallula Interstate 182 Highway Bridge	46-15-52.000N 119-14-33.000W				Fixed bridge.	
	Columbia River mile: 336.0						
	O TO RICHLAND (Chart 18543) Wallula						
13081	Pasco Water Intake Lighted Warning Buoy A	46-15-56.691N 119-14-29.863W	FI W 4s			White and orange buoy.	Private aid.
13082	Pasco Water Intake Warning Daybeacon B	46-15-57.738N 119-14-28.508W				White and orange dayboard.	Private aid.
13083	Pasco Water Intake Lighted Warning Buoy C	46-15-56.849N 119-14-30.049W	FI W 4s			White and orange buoy.	Private aid.
13084	Pasco Water Intake Warning Daybeacon D	46-15-57.717N 119-14-28.484W				White and orange dayboard.	Private aid.
13085	- Daybeacon 68	46-16-21.526N 119-15-43.266W				TR on dolphin.	Ra ref.
13100	RICHLAND WATER INTAKE LIGHTS (2)	46-18-55.000N 119-15-33.000W	FY	10		White building.	Private aid.
13100.1	Richland Water Intake Warning Buoy A	46-18-53.590N 119-15-34.072W				White and orange can buoy.	Private aid.
13100.2	Richland Water Intake Warning Buoy B	46-18-52.806N 119-15-34.305W				White and orange can buoy.	Private aid.
13101	Port Of Benton Barge Slip Buoy A	46-20-53.876N 119-15-54.838W				White can with orange diamond.	Private aid.
13102	Port Of Benton Barge Slip Buoy B	46-20-55.010N 119-15-54.806W				White can with orange diamond.	Private aid.
Rock 13103	Island Pool Olds Station Highway Bridge Columbia River mile: 469.1	47-28-16.000N 120-19-00.000W				Fixed bridge.	
			SNAKE RIVER - Thir	teenth Distri	ct		
	SACAJAWEA (Chart 18545) e River						
	ge from mouth of Snake River in - MILE 1 RANGE FRONT	statute miles. 46-12-18.904N	QW	26		KRB on skeleton	Visible 14° each side of
10100	LIGHT	119-02-09.300W	Q VV	20		tower.	rangeline.
13110	MILE 1 RANGE REAR LIGHT 391 yards, 346° from front light.	46-12-30.134N 119-02-13.326W	Iso W 6s	43		KRB on skeleton tower.	Visible 14° each side of rangeline.
13112	East Pasco Railroad Bridge Snake River mile: 1.5	46-12-26.000N 119-01-53.000W				Vertical lift bridge.	
13113	SR-12 Highway Bridge (east bound) Snake River mile: 2.2	46-12-57.000N 119-01-21.000W				Fixed bridge.	
13113.5	SR-12 Highway Bridge (west bound) Snake River mile: 2.2	46-12-57.000N 119-01-21.000W				Fixed bridge.	
13115	- Buoy 3	46-13-19.781N 119-00-26.198W				Green can.	
13120	- MILE 4 RANGE FRONT LIGHT	46-13-33.637N 118-59-33.053W	QR	44		KRW on skeleton tower.	Visible all around; higher intensi 1.5° each side of rangeline.
13125	- MILE 4 RANGE REAR LIGHT 92 yards, 066.6° from front light.	46-13-34.717N 118-59-29.461W	Iso R 6s	56		KRW on platform on bluff.	Visible 5.5° each side of rangeline.
13130	- MILE 5 RANGE FRONT LIGHT	46-14-28.639N 118-58-24.033W	QG	97		KRW on skeleton tower.	Visible 4° each side of rangeline
13135	- MILE 5 RANGE REAR LIGHT	46-14-34.440N 118-58-16.105W	Iso G 6s	128		KRW on skeleton tower.	Visible 4° each side of rangeline
	270 yards, 043.5° from front light.						

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SNAKE RIVER - Thirt	eenth Distri	ct		
	E SACAJAWEA (Chart 18545) ce River						
	age from mouth of Snake River in		FI O O F-		4	0	
13145	- Lighted Buoy 5	46-14-05.902N 118-58-57.798W	FI G 2.5s		4	Green.	
13150	- Buoy 6	46-14-16.502N 118-58-13.076W				Red nun.	
13155	- Buoy 7	46-14-19.610N 118-58-14.474W				Green can.	
13160	- MILE 6 RANGE FRONT LIGHT	46-14-25.295N 118-57-51.541W	QW	26		KRW on skeleton tower.	Visible 4° each side of rangeline.
13165	 MILE 6 RANGE REAR LIGHT 673 yards, 065.5° from front light. 	46-14-33.547N 118-57-25.391W	Iso W 6s	45		KRW on skeleton tower.	Visible 4° each side of rangeline.
13170	- Lighted Buoy 8	46-14-23.153N 118-57-28.474W	FIR 4s		3	Red.	
13175	- LIGHT 9	46-14-27.472N 118-57-13.566W	FI G 2.5s	28	4	SG on skeleton tower.	
13180	- Buoy 10 On rock ledge.	46-14-25.024N 118-57-08.604W				Red nun.	Buoy depth significantly less than channel depth.
13185	- LIGHT 11	46-14-33.928N 118-56-25.064W	FI G 6s	15	4	SG on tower.	
13190	- Buoy 12 Near rock ledge.	46-14-30.155N 118-56-23.530W				Red nun.	
13195	- Buoy 14 On rock ledge.	46-14-35.285N 118-55-48.047W				Red nun.	Buoy depth significantly less than channel depth.
13200	- Buoy 16 On rock ledge.	46-14-41.469N 118-55-06.309W				Red nun.	Buoy depth significantly less than channel depth.
13205	- LIGHT 17	46-14-46.263N 118-54-59.836W	FI G 4s	15	4	SG on tower.	
13210	- Buoy 18 On rock ledge.	46-14-47.165N 118-54-26.797W				Red nun.	Buoy depth significantly less than channel depth.
13215	- LIGHT 19	46-14-53.266N 118-54-12.042W	FI G 2.5s	15	4	SG on pole.	
13220	- Buoy 20 On rock ledge.	46-14-54.145N 118-53-46.313W				Red nun.	Buoy depth significantly less than channel depth.
13222	ICE HARBOR LOCK APPROACH COFFER CELL LIGHT 22	46-14-59.362N 118-53-15.382W	FI R 2.5s			TR on coffer cell.	Maintained by U.S. Army Corps of Engineers. Private aid.
	Sacajawea						
13225	Harbor Dam - Buoy A Marks restricted area.	46-15-04.992N 118-52-31.678W				White can with orange bands and orange diamond with orange center cross, worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13230	- Buoy B Marks restricted area.	46-15-04.472N 118-52-24.982W				White can with orange bands and orange diamond with orange center cross, worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13235	- Buoy C Marks restricted area.	46-15-00.278N 118-52-12.952W				White can with orange bands and orange diamond with orange center cross, worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
Lake	Sacajawea						
13255	- Daybeacon 1	46-15-11.740N 118-52-19.764W				SG on post.	
13260	- Lighted Buoy 2	46-15-05.255N 118-52-14.388W	FIR 4s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SACAJAWEA (Chart 18545)		SNAKE RIVER - Thirt	eenth Distri	ct		
Lake 13263	Sacajawea Ice Harbor Research Lighted Float	46-15-00.510N 118-52-05.080W	FIY6s			Yellow pontoon float.	Private aid.
13265	- LIGHT 3	46-15-30.856N 118-51-21.030W	FI G 2.5s	15	4	SG on tower.	
13275	- LIGHT 5	46-16-37.126N 118-50-05.616W	FI G 4s	19	4	SG on pole.	
13280	- LIGHT 6	46-17-03.490N 118-48-46.260W	FI R 2.5s	41	4	TR on tower.	
13290	- LIGHT 9	46-17-28.000N 118-46-51.408W	FI G 4s	20	4	SG on pile.	
13295	- LIGHT 10	46-18-02.002N 118-45-43.230W	FIR 4s	30	3	TR on tower.	
13300	- LIGHT 11	46-18-36.342N 118-46-30.038W	FI G 6s	7	4	SG on metal frame.	
13310	- LIGHT 13	46-20-03.830N 118-45-41.224W	FI G 2.5s	28	4	SG on tower.	
13325	- LIGHT 17	46-21-26.627N 118-44-57.376W	FI G 4s	20	4	SG on tower.	
13330	- LIGHT 22	46-21-32.764N 118-42-02.868W	FIR 6s	35	4	TR on tower.	
13335	- LIGHT 23	46-22-01.828N 118-42-02.352W	FI G 2.5s	21	4	SG on tower.	
13340	- LIGHT 25	46-22-57.622N 118-41-37.740W	FI G 4s	20	5	SG on tower.	
13350	- LIGHT 27	46-23-37.948N 118-40-06.717W	FI G 6s	21	4	SG on tower.	
13355	- Buoy 28	46-24-15.532N 118-39-12.381W				Red nun.	
13360	- Buoy 29	46-24-47.614N 118-38-15.021W				Green can.	
13370	- LIGHT 32	46-24-42.400N 118-37-59.724W	FIR 6s	46	4	TR on pole.	
13371	- Buoy 32A Marks shoal.	46-25-07.114N 118-37-54.021W				Red nun.	
13375	- LIGHT 33	46-25-27.647N 118-38-12.272W	FI G 4s	21	4	SG on tower.	
13380	- Buoy 34	46-26-11.619N 118-38-27.385W				Red nun.	
13385	- LIGHT 35	46-26-07.863N 118-38-38.783W	FI G 2.5s	21	4	SG on tower.	
13390	- Buoy 38	46-26-36.436N 118-38-22.882W				Red nun.	
13395	- Buoy 40	46-27-14.145N 118-37-49.612W				Red nun.	
13400	- Buoy 42	46-27-30.106N 118-37-33.771W				Red nun.	
13405	- LIGHT 43	46-27-47.586N 118-37-39.736W	FI G 6s	21	4	SG on tower.	
13410	- Buoy 44	46-28-28.563N 118-37-17.382W				Red nun.	
13415	- LIGHT 45	46-28-05.678N 118-37-29.082W	FI G 4s	21	4	SG on tower.	
13420	- Buoy 46	46-28-50.866N 118-37-18.981W				Red nun.	
13425	- LIGHT 47	46-30-01.587N 118-37-13.611W	FI G 2.5s	18	5	SG on platform.	
13430	- Buoy 48	46-30-07.707N 118-36-57.505W				Red nun.	
13435	- Buoy 50	46-30-22.178N 118-36-44.340W				Red nun.	
13440	- Buoy 51	46-31-11.908N 118-35-54.018W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CACA IAWEA (Ob ant 40545)		SNAKE RIVER - Thirt	eenth Distri	ct		
	: SACAJAWEA (Chart 18545) Sacajawea						
13445	WINDUST RANGE FRONT LIGHT	46-31-58.833N 118-34-51.831W	QW	25		KRB on skeleton tower.	Visible 4° each side of range line.
13450	WINDUST RANGE REAR LIGHT 322 yards, 039.9° from front light.	46-32-06.142N 118-34-42.980W	Iso W 6s	30		KRB on skeleton tower.	Visible 4.5° each side of rangeline.
13465	- LIGHT 55	46-32-07.645N 118-34-00.531W	FI G 4s	20	4	SG on multi-pile structure.	
13470	- LIGHT 56	46-31-58.229N 118-33-59.742W	FIR 4s	13	5	TR on platform.	
13475	- Buoy 58	46-32-14.015N 118-33-41.615W				Red nun.	
13480	- LIGHT 59	46-33-21.166N 118-33-03.726W	FI G 2.5s	13	4	SG on tower.	
13482.1	LOWER MONUMENTAL DAM FISH BYPASS PIPE LIGHT A		FIY2s			NY on end of pipe.	Private aid.
13482.2	LOWER MONUMENTAL DAM FISH BYPASS PIPE LIGHT B	46-33-25.020N 118-32-53.160W	FIY4s			On pipe.	Private aid.
13482.3	LOWER MONUMENTAL DAM FISH BYPASS PIPE LIGHT C		FIY4s			On pipe.	Private aid.
13482.4	LOWER MONUMENTAL DAM FISH BYPASS PIPE LIGHT D		FIY4s			On pipe.	Private aid.
	r Monumental Dam s mark restricted area.						
13485	- Buoy A	46-33-50.486N 118-31-57.333W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13490	- Buoy B	46-33-55.885N 118-31-58.377W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13495	- Buoy C	46-34-00.560N 118-32-02.924W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13500	- Buoy D	46-33-58.226N 118-32-09.590W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13505	Lower Monumental Lighted Buoy 3	46-33-52.092N 118-31-53.637W	FI G 4s		4	Green.	
13507	Lower Monumental Research Lighted Float	46-33-54.100N 118-31-56.470W	FIY6s			Yellow pontoon float.	Private aid.
	HERBERT G. WEST (Chart 185	546)					
13510	r Monumental - LIGHT 4	46-34-11.579N 118-30-39.480W	FIR 4s	10	4	TR on platform.	
13515	- LIGHT 5	46-34-44.405N 118-29-46.350W	FI G 2.5s	15	4	SG on pile.	
13520	- LIGHT 6	46-34-40.049N 118-29-05.628W	FIR 6s	45	4	TR on skeleton tower.	
13525	- LIGHT 7	46-35-09.305N 118-29-09.108W	FI G 4s	63	4	SG on platform.	
13530	- LIGHT 9	46-35-51.368N 118-28-39.786W	FI G 6s	16	4	SG on platform.	
13535	- LIGHT 10	46-35-44.831N 118-27-59.196W	FI R 2.5s	16	4	TR on platform.	
13540	- LIGHT 11	46-36-03.389N 118-27-48.828W	FI G 2.5s	16	5	SG on platform.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
I VKI	E HERBERT G. WEST (Chart 18		SNAKE RIVER - Thir	teenth Distri	ct		
Lowe	er Monumental	0 4 0)					
13545	- LIGHT 13	46-35-07.709N 118-25-04.374W	FI G 4s	20	4	SG on skeleton tower.	
13550	- LIGHT 14	46-34-47.186N 118-24-54.716W	FIR 4s	17	4	TR on platform.	
13555	- LIGHT 16	46-34-38.723N 118-23-33.282W	FI R 2.5s	12	4	TR on platform.	
13560	- LIGHT 17	46-35-01.836N 118-23-31.152W	FI G 2.5s	24	4	SG on skeleton tower.	
13565	- LIGHT 18	46-34-43.319N 118-22-58.374W	FIR 6s	15	4	TR on platform.	
13570	- LIGHT 19	46-35-46.326N 118-22-11.664W	FI G 6s	12	4	SG on platform.	
13575	- LIGHT 20	46-36-06.965N 118-19-57.612W	FIR 4s	10	4	TR on skeleton tower.	
13580	- LIGHT 21	46-36-31.290N 118-18-39.282W	FI G 2.5s	18	4	SG on platform.	
13585	- LIGHT 22	46-35-59.821N 118-18-04.641W	FIR 6s	60	4	TR on platform.	
13590	- LIGHT 24	46-35-28.523N 118-16-48.666W	FI R 2.5s	10	4	TR on platform.	
13600	- LIGHT 27	46-36-09.821N 118-14-53.954W	FI G 2.5s	17	4	SG on platform.	
13605	- LIGHT 28	46-35-56.237N 118-14-41.352W	FIR 4s	24	4	TR on skeleton tower.	
13607	Joso Railroad Bridge Snake River mile: 58.5	46-35-35.000N 118-13-44.000W				Fixed bridge.	
13610	LYONS FERRY MARINA ENTRANCE LIGHT 2	46-35-14.626N 118-13-21.073W	FIR 6s	7	4	TR on pole.	
13612	Lyons Ferry Highway Bridge Snake River mile: 59.2	46-35-23.000N 118-13-10.000W				Fixed bridge.	
13615	- LIGHT 29	46-34-57.833N 118-12-12.582W	FI G 4s	35	4	SG on platform.	
13617	Sargent Railroad Bridge Snake River mile: 61.8	46-33-53.000N 118-10-58.000W				Fixed bridge.	
13625	- LIGHT 34	46-33-19.326N 118-10-19.266W	FI R 2.5s	26	4	TR on platform on side of cliff.	
13630	- LIGHT 35	46-33-35.000N 118-08-11.299W	FI G 6s	14	4	SG on platform.	
13635	- LIGHT 37	46-33-36.504N 118-06-47.930W	FI G 4s	80	4	SG on platform.	
13640	- LIGHT 38	46-33-25.955N 118-06-33.906W	FIR 4s	14	4	TR on platform.	
13645	- LIGHT 39	46-34-30.521N 118-05-50.928W	FI G 2.5s	20	4	SG on platform.	
13650	- LIGHT 40	46-34-25.157N 118-05-23.586W	FIR 6s	16	4	TR on platform.	
13655	MCGUIRE RANGE FRONT LIGHT	46-34-25.005N 118-04-35.699W	QR	23		KRB on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.
13660	MCGUIRE RANGE REAR LIGHT 145 yards, 256.4° from front light.	46-34-23.839N 118-04-42.674W	Iso R 6s	56		KRB on skeleton tower.	Visible 10° each side of rangeline.
13665	- LIGHT 41	46-34-32.653N 118-04-11.039W	FI G 4s	18	4	SG on skeleton tower.	
13670	- LIGHT 43	46-34-47.867N 118-03-02.730W	FI G 6s	20	4	SG on tower.	
13672.1	LITTLE GOOSE DAM FISH BYPASS PIPE LIGHT A	46-35-02.340N 118-01-59.450W	FIY2s			NY on end of outfall pipe.	Private aid.
13672.2	LITTLE GOOSE DAM FISH BYPASS PIPE LIGHT B	46-35-02.110N 118-01-59.560W	FIY4s			Marks outfall pipe.	Private aid.
13672.3	LITTLE GOOSE DAM FISH BYPASS PIPE LIGHT C	46-35-01.352N 118-01-59.139W	FIY4s			Marks outfall pipe.	Private aid.

	HERBERT G. WEST (Chart 185 Monumental LITTLE GOOSE DAM FISH		SNAKE RIVER - Thirt				
Lower 13672.4	Monumental LITTLE GOOSE DAM FISH		SNAILE RIVER - TIME	eenth Distri	ct		
13672.5	DVD 4 00 DIDE LIQUED	46-35-00.389N	FIY4s			Marks outfall pipe.	Private aid.
.00.2.0	BYPASS PIPE LIGHT D LITTLE GOOSE DAM FISH	118-01-58.880W 46-34-59.428N	FIY 4s			Marks outfall pipe.	Private aid.
10670.6	BYPASS PIPE LIGHT E	118-01-58.370W	FIY4s				
13672.6	LITTLE GOOSE DAM FISH BYPASS PIPE LIGHT F	46-34-58.458N 118-01-58.370W	FI T 48			Marks outfall pipe.	Private aid.
LAKE I 13675	BRYAN (Chart 18547) Little Goose Reservoir Lighted Buoy 1	46-35-08.433N 118-01-04.979W	FI G 4s		4	Green.	
Little G 13680	Goose Dam - Buoy A Marks restricted area.	46-35-01.369N 118-01-22.835W				White can with orange bands and diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13681	- Buoy E Marks restricted area.	46-35-16.975N 118-01-05.987W				White can with orange bands and diamond with center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13682	- Buoy F Marks restricted area.	46-35-23.017N 118-01-09.060W				White can with orange bands and diamond with center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13683	- Buoy G Marks restricted area.	46-35-22.017N 118-01-15.060W				White can with orange bands and diamond with center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13684	- Buoy H Marks restricted area.	46-35-22.017N 118-01-22.060W				White can with orange bands and diamond with center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13685	- Buoy B Marks restricted area.	46-35-03.398N 118-01-17.610W				White can with orange bands and diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13686	- Buoy I Marks restricted area.	46-35-21.017N 118-01-28.060W				White can with orange bands and diamond with center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13687	- Buoy J Marks restricted area.	46-35-21.017N 118-01-34.060W				White can with orange bands and diamond with center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13690	- Buoy C Marks restricted area.	46-35-06.052N 118-01-10.531W				White can with orange bands and diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13695	- Buoy D Marks restricted area.	46-35-13.022N 118-01-05.065W				White can with orange bands and diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
Little G 13697	Goose Reservoir Little Goose Research Lighted Float	46-35-14.230N 118-01-06.710W	FI Y 6s			Yellow pontoon float.	Private aid.
13700	- LIGHT 2	46-35-09.497N 118-00-25.506W	FIR 4s	21	4	TR on platform.	
13705	- LIGHT 3	46-35-24.504N 117-59-29.220W	FI G 6s	34	4	SG on skeleton tower.	
13710	- LIGHT 4	46-35-10.547N 117-56-04.740W	FIR 6s	33	4	TR on platform.	

New Park Chart 18947 1575 1516 1506 163-50 309N 175-65 35.33 16 2.5 18 4 176 on platform 175-65 35.33 175-65 35.33 18 4 176 on platform 175-65 35.33 175-65 35.33 18 4 176 on platform 175-65 35.33 175-65 35.33 18 4 176 on platform 175-65 35.33 175-65 35.33 18 4 176 on platform 175-65 35.33 175-65 35.33 18 4 176 on platform 175-65 35.33 175-65 35.33 18 4 176 on platform 175-65 36.33 175-65 36.33 18 4 176 on platform 175-65 36.32 175-65 36.32 18 4 176 on platform 175-65 36.32 175-65 36.32 18 4 176 on platform 175-65 36.32 175-65 36.32 18 4 176 on platform 175-65 36.32 175-65 36.32 18 4 176 on platform 175-65 36.32 175-65 36.32 18 4 176 on platform 175-65 36.32 175-65 36.32 176 on platform 175-65 36.	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	LAK	E BRYAN (Chart 18547)	(SNAKE RIVER - Thir	teenth Distri	ct		
117-54-3, 139W		Goose Reservoir						
1175-50.0174W 6435-33.378N	13715	- LIGHT 5		FI G 2.5s	15	4		
117-52-2-0.12W 13730 - LIGHT 8	13720	- LIGHT 6		FI R 2.5s	18	4	TR on platform.	
117-62-32 2200W	13725	- LIGHT 7		FI G 4s	10	4	SG on platform.	
117-62-16-710W 117-62-16-710W 117-61-00.02W 117-61-00.	13730	- LIGHT 8		FIR 4s	15	4		
1175-15-00.020W	13735	- LIGHT 9		FI G 2.5s	12	4	SG on platform.	
1175-103.221W	13740	- LIGHT 10		FIR 6s	27	4		
1174-9-03-474W	13745	- LIGHT 11		FI G 4s	8	4	SG on platform.	
13757 Central Ferry Highway 46-37-34 000N Shade Fixed bridge Fixed br	13750	- LIGHT 12		FI R 2.5s	58	4	TR on platform.	
17-47-55 000W 17-47-55 000W 17-47-55 000W 17-48-01 397W 18 4	13755	- Buoy 13					Green can.	
117-46-01.397W	13757	Bridge					Fixed bridge.	
117-46-19.590W	13760	- LIGHT 14		FIR 4s	13	4	TR on platform.	
117-45-32,264W 117-45-32,054W FI G 6s 13 4 SG on pilatform. 117-45-07,062W FI G 6s 13 4 SG on multi-pile structure. 13795 - LIGHT 19	13765	- LIGHT 15		FI G 4s	16	4		
11774-507 062W	13770	- LIGHT 16		FIR 6s	25	5		
117-42-43-916W 117-42-27-82W FI G 4s	13775	- LIGHT 17		FI G 6s	13	4	SG on platform.	
13800 - LIGHT 22	13785	- LIGHT 19		FI G 2.5s	14	4		
13805 - LIGHT 23	13795	- LIGHT 21		FI G 4s	14	4	SG on platform.	
117-39-17-934W 118810 - LIGHT 24	13800	- LIGHT 22		FI R 2.5s	18	4	TR on pile.	
117-38-55.182W	13805	- LIGHT 23		FI G 6s	15	4	SG on platform.	
117-37-26.648W 13820 - LIGHT 26	13810	- LIGHT 24		FIR 4s	27	4	TR on pile.	
117-36-47.717W 10wer. 13825 - LIGHT 27 46-40-32.327N FI G 6s 20 4 SG on skeleton tower. 13830 - LIGHT 28 46-40-36.643N 117-35-31.524W FI R 4s 10 4 TR on skeleton tower. 13833 - Buoy 28A 46-40-45.576N 117-33-04.435W FI G 4s 18 4 SG on pile. 13835 - LIGHT 29 46-40-49.153N FI G 4s 18 4 SG on pile. 13840 - LIGHT 30 46-40-32.825N FI R 2.5s 18 4 TR on tower. 117-31-27.540W 117-31-27.540W 117-31-27.540W Green can. Position shifted to best mark encroaching shoal. 13841 SChultz Bar Shoal Buoy 29A 46-40-45.284N 117-31-05.253W Green can. Position shifted to best mark encroaching shoal. 13845 SCHULTZ BAR RANGE 46-41-33.674N 117-29-29.008W SCHULTZ BAR RANGE 46-41-33.674N 117-29-29.008W SCHULTZ BAR RANGE 46-41-33.674N 117-29-29.008W SCHULTZ BAR RANGE 46-41-32.277N 117-29-12.373W So R 6s 30 KRW on skeleton tower, on multi-pile structure. Visible all around. 13855 - Buoy 31 46-40-49.390N Green can. Green can. Green can. Green can. Constitution tower, on multi-pile structure. Constitution tower, on mult	13815	- LIGHT 25		FI G 4s	20	4	SG on pile.	
117-35-31.524W tower. 11830 - LIGHT 28	13820	- LIGHT 26		FI R 2.5s	27	3		
117-33-48.489W tower. 13833 - Buoy 28A 46-40-45.576N 117-33-04.435W 13835 - LIGHT 29 46-40-49.153N 117-32-18.783W 13840 - LIGHT 30 46-40-32.825N 117-31-27.540W 13841 Schultz Bar Shoal Buoy 29A 46-40-45.284N 117-31-05.253W 13845 SCHULTZ BAR RANGE FRONT LIGHT 117-29-29.008W 13850 SCHULTZ BAR RANGE REAR LIGHT 483 yards, 053.1° from front light. 13850 - Buoy 31 46-40-49.390N 13850 Green can. 13850 tower. Red nun. Visible all around. Green can. REW on skeleton tower, on multi-pile structure. Green can.	13825	- LIGHT 27		FI G 6s	20	4		
117-33-04.435W 13835 - LIGHT 29	13830	- LIGHT 28		FIR 4s	10	4		
117-32-18.783W 13840 - LIGHT 30	13833	- Buoy 28A					Red nun.	
13840 - LIGHT 30	13835	- LIGHT 29		FI G 4s	18	4	SG on pile.	
13841 Schultz Bar Shoal Buoy 29A 46-40-45.284N 117-31-05.253W SCHULTZ BAR RANGE 46-41-33.674N Q R 12 KRW on multi-pile structure. SCHULTZ BAR RANGE 46-41-32.074N 117-29-29.008W SCHULTZ BAR RANGE 46-41-42.277N Iso R 6s 30 KRW on skeleton tower, on multi-pile structure. SCHULTZ BAR RANGE 46-41-42.277N 15o R 6s 30 KRW on skeleton tower, on multi-pile structure. SCHULTZ BAR RANGE 46-41-42.277N 15o R 6s 30 KRW on skeleton tower, on multi-pile structure. SCHULTZ BAR RANGE 46-41-42.277N 15o R 6s 30 KRW on skeleton tower, on multi-pile structure. SCHULTZ BAR RANGE 46-41-42.277N 15o R 6s 30 KRW on skeleton tower, on multi-pile structure. SCHULTZ BAR RANGE 46-41-42.277N 15o R 6s 30 KRW on skeleton tower, on multi-pile structure. SCHULTZ BAR RANGE 46-41-42.277N 15o R 6s 30 KRW on skeleton tower, on multi-pile structure.	13840	- LIGHT 30	46-40-32.825N	FI R 2.5s	18	4	TR on tower.	
FRONT LIGHT 117-29-29.008W structure. 13850 SCHULTZ BAR RANGE 46-41-42.277N Iso R 6s 30 KRW on skeleton tower, on multi-pile structure. 483 yards, 053.1° from front light. 13855 - Buoy 31 46-40-49.390N Green can.	13841	Schultz Bar Shoal Buoy 29A	46-40-45.284N				Green can.	
13850 SCHULTZ BAR RANGE 46-41-42.277N Iso R 6s 30 KRW on skeleton Visible all around. REAR LIGHT 117-29-12.373W tower, on multi-pile structure. 13855 - Buoy 31 46-40-49.390N Green can.	13845			QR	12			Visible all around.
•	13850	SCHULTZ BAR RANGE REAR LIGHT 483 yards, 053.1° from front	46-41-42.277N	Iso R 6s	30		KRW on skeleton tower, on multi-pile	Visible all around.
	13855	- Buoy 31					Green can.	

	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE	E BRYAN (Chart 18547)		SNAKE RIVER - Thirt	eenth Distri	ct		
Little	Goose Reservoir					5 .	
13860	- Buoy 32	46-40-55.565N 117-30-32.507W				Red nun.	
13865	- Buoy 33	46-41-06.082N 117-30-28.255W				Green can.	
13870	- Buoy 35	46-41-12.328N 117-30-13.447W				Green can.	
13875	- LIGHT 37	46-41-42.744N 117-29-37.812W	FI G 6s	15	4	SG on skeleton tower.	
13880	- LIGHT 39	46-42-05.051N 117-28-45.126W	FI G 2.5s	18	4	SG on platform.	
13885	- Buoy 41	46-42-03.829N 117-28-07.910W				Green can.	
13890	- Buoy 42	46-41-57.530N 117-28-02.661W				Red nun.	
13895	- LIGHT 43	46-41-59.135N 117-27-44.208W	FI G 4s	15	4	SG on platform.	
13900	- Buoy 44	46-41-51.206N 117-27-44.126W				Red nun.	
13905	- Buoy 46	46-41-23.145N 117-27-18.640W				Red nun.	
13910	BOYER RANGE FRONT LIGHT	46-41-37.751N 117-27-16.033W	QW	20		KRW on pile.	Visible 14° each side of rangeline.
13915	BOYER RANGE REAR LIGHT 65 yards, 351° from front light.	46-41-39.665N 117-27-16.473W	Iso W 6s	28		KRW on skeleton tower.	Visible 14° each side of rangeline.
13916	BOYER PARK MARINA JETTY LIGHT A	46-41-05.550N 117-26-59.730W	FIY4s			NY on jetty.	Private aid.
13917	- Buoy 48	46-39-52.018N 117-26-17.128W				Red nun.	
Lowe	ER GRANITE LAKE (Chart 1854 er Granite Reservoir	8)					
	er Granite Dam s mark restricted area.						
Buoy		46-39-29.317N 117-25-29.460W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
<i>Buoy</i> 13920	s mark restricted area.					orange bands and orange diamond with orange center cross worded	
	s mark restricted area. - Buoy A	117-25-29.460W 46-39-25.644N				orange bands and orange diamond with orange center cross worded DAM. White can with orange bands and orange diamond with orange center cross worded	Corps of Engineers. Aid maintained by U.S. Army
<i>Buoy.</i> 13920 13925	s mark restricted area. - Buoy A - Buoy B	117-25-29.460W 46-39-25.644N 117-25-24.376W 46-39-20.636N				orange bands and orange diamond with orange center cross worded DAM. White can with orange bands and orange diamond with orange center cross worded DAM. White can with orange bands and orange diamond with orange center cross worded bands and orange diamond with orange center cross worded	Corps of Engineers. Aid maintained by U.S. Army Corps of Engineers. Aid maintained by U.S. Army
Buoy. 13920 13925 13930	s mark restricted area. - Buoy A - Buoy B - Buoy C	117-25-29.460W 46-39-25.644N 117-25-24.376W 46-39-20.636N 117-25-19.562W	FI Y 6s			orange bands and orange diamond with orange center cross worded DAM. White can with orange bands and orange diamond with orange center cross worded DAM. White can with orange bands and orange diamond with orange center cross worded DAM. White can with orange center cross worded DAM. White can with orange bands and orange diamond with orange bands and orange diamond with orange center cross worded	Corps of Engineers. Aid maintained by U.S. Army Corps of Engineers. Aid maintained by U.S. Army Corps of Engineers.
Buoy. 13920 13925 13930 13937	s mark restricted area. - Buoy A - Buoy B - Buoy C - Buoy D	117-25-29.460W 46-39-25.644N 117-25-24.376W 46-39-20.636N 117-25-19.562W 46-39-18.617N 117-25-19.660W 46-39-23.180N 117-25-17.600W 46-38-58.121N	FI Y 6s	33	4	orange bands and orange diamond with orange center cross worded DAM. White can with orange bands and orange diamond with orange center cross worded DAM. White can with orange bands and orange diamond with orange center cross worded DAM. White can with orange center cross worded DAM. White can with orange bands and orange diamond with orange center cross worded DAM. TR on platform, on	Aid maintained by U.S. Army Corps of Engineers. Aid maintained by U.S. Army Corps of Engineers. Aid maintained by U.S. Army Corps of Engineers.
Buoy. 13920 13925 13930 13937 Lowe	s mark restricted area. - Buoy A - Buoy B - Buoy C - Buoy D Lower Granite Research Lighted Float er Granite Reservoir	117-25-29.460W 46-39-25.644N 117-25-24.376W 46-39-20.636N 117-25-19.562W 46-39-18.617N 117-25-19.660W 46-39-23.180N 117-25-17.600W 46-38-58.121N 117-23-49.146W 46-39-07.398N		33 19	4	orange bands and orange diamond with orange center cross worded DAM. White can with orange diamond with orange diamond with orange center cross worded DAM. White can with orange diamond with orange diamond with orange diamond with orange center cross worded DAM. White can with orange center cross worded DAM. White can with orange diamond with orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers. Aid maintained by U.S. Army Corps of Engineers. Aid maintained by U.S. Army Corps of Engineers.
Buoy. 13920 13925 13930 13937 Lowe 13940	- Buoy B - Buoy C - Buoy D Lower Granite Research Lighted Float - LIGHT 4	117-25-29.460W 46-39-25.644N 117-25-24.376W 46-39-20.636N 117-25-19.562W 46-39-18.617N 117-25-19.660W 46-39-23.180N 117-25-17.600W 46-38-58.121N 117-23-49.146W	FIR 4s			orange bands and orange diamond with orange center cross worded DAM. White can with orange bands and orange diamond with orange center cross worded DAM. White can with orange bands and orange diamond with orange center cross worded DAM. White can with orange center cross worded DAM. White can with orange center cross worded DAM. The orange bands and orange diamond with orange center cross worded DAM. Treatment orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers. Aid maintained by U.S. Army Corps of Engineers. Aid maintained by U.S. Army Corps of Engineers.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LOW	ED CDANITE LAVE (Chart 4954		SNAKE RIVER - Thir	eenth Distri	ct		
	ER GRANITE LAKE (Chart 1854 r Granite Reservoir	·o)					
13960	- LIGHT 10	46-34-48.443N 117-20-06.210W	FI R 2.5s	23	4	TR on platform.	
13965	- LIGHT 11	46-34-46.025N 117-17-53.142W	FI G 4s	13	4	SG on platform.	
3970	- LIGHT 12	46-32-32.142N 117-15-21.319W	FIR 4s	21	4	TR on skeleton tower.	
3975	- LIGHT 14	46-30-10.235N 117-14-05.664W	FIR 6s	10	4	TR on skeleton tower.	
3980	- LIGHT 16	46-28-18.333N 117-14-27.908W	FIR 4s	16	4	TR on platform on cliff face.	
3981	- Buoy 16A	46-27-28.554N 117-13-17.259W				Red nun.	
13982	- Buoy 16B	46-27-10.980N 117-12-46.941W				Red nun.	
3995	- LIGHT 17	46-27-01.595N 117-12-21.822W	FI G 4s	13	4	SG on platform.	
14005	- LIGHT 18	46-25-28.481N 117-12-52.061W	FIR 4s	16	4	TR on platform.	
14010	- LIGHT 19	46-25-28.157N 117-12-22.841W	FI G 2.5s	16	4	SG on platform.	
14015	- LIGHT 20	46-25-06.456N 117-11-42.605W	FI R 2.5s	36	4	TR on platform.	
14016	Chief Timothy No Wake Buoy A	46-24-56.464N 117-11-49.150W				White and orange can.	Maintained by U.S. Army Corps of Engineers. Private aid.
14016.1	Chief Timothy Regulatory Daybeacon B	46-24-54.031N 117-11-44.995W				White and orange.	Maintained by U.S. Army Corps of Engineers. Private aid.
14016.2	Chief Timothy Regulatory Daybeacon C	46-24-54.363N 117-11-44.115W				White and orange.	Maintained by U.S. Army Corps of Engineers. Private aid.
14016.3	Chief Timothy Regulatory Buoy D	46-24-46.656N 117-11-36.024W				White and orange can.	Maintained by U.S. Army Corps of Engineers. Private aid.
14016.4	Chief Timothy Regulatory Buoy E	46-24-48.246N 117-11-34.578W				White and orange can.	Maintained by U.S. Army Corps of Engineers. Private aid.
14016.5	Chief Timothy Regulatory Buoy F	46-24-48.992N 117-11-33.878W				White and orange can.	Maintained by U.S. Army Corps of Engineers. Private aid.
14016.6	Chief Timothy Regulatory Buoy G	46-24-50.128N 117-11-32.804W				White and orange can.	Maintained by U.S. Army Corps of Engineers. Private aid.
14016.7	Chief Timothy No Wake Buoy H	46-24-58.778N 117-10-53.672W				White and orange can.	Maintained by U.S. Army Corps of Engineers. Private aid.
14016.8	Chief Timothy No Wake Buoy J	46-24-58.327N 117-10-51.938W				White and orange can.	Maintained by U.S. Army Corps of Engineers. Private aid.
14016.9	Chief Timothy No Wake Buoy K	46-24-58.123N 117-10-49.123W				White and orange can.	Maintained by U.S. Army Corps of Engineers. Private aid.
14017	CHIEF TIMOTHY WATER INTAKE LIGHT	46-25-38.400N 117-09-11.340W	QY			On piling.	Maintained by U.S. Army Corport of Engineers. Private aid.
14020	- LIGHT 24	46-25-40.079N 117-08-45.191W	FIR 4s	15	4	TR on pole.	
4025	- LIGHT 25	46-25-53.969N 117-08-48.953W	FI G 4s	13	4	SG on pole.	
4030	- LIGHT 26	46-25-37.409N 117-08-10.715W	FI R 2.5s	16	4	TR on pole.	
4035	- LIGHT 28	46-25-09.857N 117-06-40.433W	FIR 4s	15	4	TR on pole.	
14040	Hells Canyon Marina Sand Bar Warning Buoy A	46-25-21.016N 117-04-20.413W				White and orange can.	Maintained by U.S. Army Corps of Engineers. Private aid.

			Characteristic	Height	Range	Structure	Remarks
LOWE	R GRANITE LAKE (Chart 1854		SNAKE RIVER - Thirt	eenth Distri	ct		
Lower	Granite Reservoir						
14040.1	Hells Canyon Marina Sand Bar Warning Buoy B	46-25-21.245N 117-04-19.263W				White and orange can.	Maintained by U.S. Army Corps of Engineers. Private aid.
14040.2	Slaughterhouse Warning Lighted Buoy C	46-25-27.007N 117-04-10.506W	FI W 2s			White and orange.	Maintained by U.S. Army Corps of Engineers. Private aid.
14041	Red Wolf Crossing Highway Bridge Snake River mile: 137.4	46-25-28.000N 117-04-19.000W				Fixed bridge.	
14045	Greenbelt Sand Bar Warning Lighted Buoy A	46-25-22.886N 117-02-18.526W	FI W 2s			White and orange.	Maintained by U.S. Army Corps of Engineers. Private aid.
14045.1	Greenbelt Sand Bar Warning Lighted Buoy B	46-25-21.772N 117-02-17.669W	FI W 2s			White and orange.	Maintained by U.S. Army Corps of Engineers. Private aid.
14045.2	Greenbelt Sand Bar Warning Lighted Buoy C	46-25-20.650N 117-02-17.735W	FI W 2s			White and orange.	Maintained by U.S. Army Corps of Engineers. Private aid.
14045.3	Greenbelt Sand Bar Warning Lighted Buoy D	46-25-20.068N 117-02-17.962W	FI W 4s			White and orange.	Maintained by U.S. Army Corps of Engineers. Private aid.
14047	SR-12 Highway Bridge Snake River mile: 139.6	46-25-14.000N 117-02-10.000W				Vertical lift bridge.	
14050	- Daybeacon 35	46-24-24.567N 117-02-09.945W				SG on rip-rap.	
14051	Southway Boat Ramp Sand Bar Warning Buoy	46-24-19.510N 117-02-05.677W				White and orange can.	Private aid.
14052	Lewiston-Clarkston Highway Bridge Snake River mile: 141.3	46-23-43.000N 117-02-25.000W				Fixed bridge.	
14055	Swallows Water Intake Lighted Buoy	46-23-10.515N 117-02-49.382W	FI W 2s			White and orange.	Maintained by U.S. Army Corps of Engineers. Private aid.
14060	Hells Gate Water Intake Buoy	46-21-10.513N 117-03-38.965W				White and orange can.	Maintained by U.S. Army Corps of Engineers. Private aid.
		VANC	OUVER TO BONNE	II I F (Charl	18531)		
	HERBERT G. WEST (Chart 185		JOOVEN TO BONNEY	1222 (011011	. 100017		
14065.1	- Submerged Pipeline Danger Buoy A	46-36-21.634N 118-12-36.453W				White and orange can.	Maintained by the U.S. Army Corps of Engineers. Private aid.
14065.13	- Submerged Pipeline Danger Buoy B	46-36-20.106N 118-12-34.685W				White & orange can.	Maintained by the U.S. Army Corps of Engineers. Private aid.
14065.15	- Submerged Pipeline Danger Buoy C	46-36-19.378N 118-12-34.712W				White & orange can.	Maintained by the U.S. Army Corps of Engineers. Private aid.
14065.17	- Submerged Pipeline Danger Buoy D	46-36-14.646N 118-12-37.168W				White and orange can.	Maintained by the U.S. Army Corps of Engineers. Private aid.
14065.2	- Submerged Pipeline Danger Buoy E	46-36-11.366N 118-12-39.917W				White and orange can.	Maintained by the U.S. Army Corps of Engineers. Private aid.
14065.22	- Submerged Pipeline Danger Buoy F	46-36-09.532N 118-12-41.308W				White and orange can.	Maintained by the U.S. Army Corps of Engineers. Private aid.
14065.24	- Submerged Pipeline Danger Buoy G	46-36-05.163N 118-12-44.829W				White and orange can.	Maintained by the U.S. Army Corps of Engineers. Private aid.
14065.26	- Submerged Pipeline Danger Buoy H	46-36-02.669N 118-12-47.824W				White and orange can.	Maintained by the U.S. Army Corps of Engineers. Private aid.
14065.28	- Submerged Pipeline Danger Buoy J	46-36-02.176N 118-12-49.620W				White and orange can.	Maintained by the U.S. Army Corps of Engineers.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
IAKE	HERBERT G. WEST (Chart 18		OUVER TO BONNE	/ILLE (Chart	18531)		
	se River	540)					
14065.3	- Submerged Pipeline Danger Buoy K	46-36-01.749N 118-12-51.712W				White and orange can.	Maintained by the U.S. Army Corps of Engineers. Private aid.
14065.32	- No Water Ski Restricted Area Buoy L	46-36-11.469N 118-12-33.911W				White and orange can.	Maintained by the U.S. Army Corps of Engineers. Private aid.
14065.34	- No Water Ski Restricted Area Buoy M	46-36-08.253N 118-12-28.292W				White & orange can.	Maintained by the U.S. Army Corps of Engineers. Private aid.
			SNAKE RIVER - Thirt	eenth Distri	ct		
LOWE	R GRANITE LAKE (Chart 1854	8)					
Cleary 14070	water River Camas Prairie Railroad Bridge Clearwater river mile: 0.6	46-25-33.000N 117-01-34.000W				Vertical lift bridge.	
14072	Clearwater Memorial Highway Bridge Clearwater River mile: 2.0	46-25-08.000N 117-00-00.000W				Fixed bridge.	
		CC	LUMBIA RIVER - Thi	irteenth Dis	trict		
FRAN	KLIN D. ROOSEVELT LAKE (S		James Company 1111				
	lin D. Roosevelt Lake ted discrepancies during the win - LIGHT A	47-56-48.869N	corrected until the mo	onth of June 12	each year 5	NR on platform.	
14130	- Buoy 2	118-56-08.150W 47-57-01.109N 118-52-01.604W				Red nun.	
14135	- LIGHT B	47-57-42.215N 118-51-38.630W	FI W 6s	14	5	NR on box.	
14140	- LIGHT C	47-55-12.197N 118-49-01.430W	FI W 2.5s	16	5	NR on box.	
14145	- Buoy 3	47-54-23.783N 118-43-33.626W	FINA 4	00	_	Green can.	
14150 14155	- LIGHT D - Buoy 5	47-54-00.437N 118-43-03.602W 47-54-41.579N	FI W 4s	20	5	NR on box. Green can.	
14160	- Buoy 6	118-43-09.998W 47-55-39.638N				Red nun.	
14165	- Buoy 8	118-42-03.699W 47-55-48.734N				Red nun.	
14170	- LIGHT E	118-41-57.658W 47-56-46.571N	FI W 6s	16	5	NR on box.	
14175	- LIGHT F	118-41-27.650W 47-55-51.089N 118-37-00.680W	FI W 2.5s	18	4	NR on box.	
14180	- LIGHT G	47-56-05.771N 118-32-41.990W	FI W 4s	18	4	NR on posts.	
14185	- Buoy 10	47-52-36.233N 118-32-20.396W				Red nun.	
14190	- LIGHT H	47-52-27.209N 118-32-09.602W	FI W 6s	16	5	NR on box.	
14195	- LIGHT I	47-52-45.911N 118-27-20.552W	FI W 2.5s	16	4	NR on box.	
14200	- LIGHT J	47-50-25.949N 118-26-52.052W	FI W 4s	12	5	NR on tower	
14205	- LIGHT K	47-51-34.288N 118-21-56.625W	FI W 6s	23	5	NR on tower.	
	ane River Arm ted discrepancies during the win	ter months will not be	corrected until the me	onth of June	each year		
14210	- JUNCTION LIGHT S	47-53-57.317N 118-20-04.898W	FI (2+1)R 6s	23	4	JR on tower.	
14211	Fort Spokane Highway Bridge Spokane River mile: 1.7	47-54-28.000N 118-19-03.000W				Fixed bridge.	
14215	- LIGHT A	47-56-18.209N 118-15-20.882W	FI W 4s	44	4	NR on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
FD4	NIKI IN D. DOGGEVELT I AKE		LUMBIA RIVER - Th	irteenth Dis	trict		
	NKLIN D. ROOSEVELT LAKE (kane River Arm	Southern Part)					
Repo 14220	orted discrepancies during the w - LIGHT B	inter months will not be 47-56-48.611N 118-12-44.912W	FI W 6s	onth of June 16	each yea 5	r. NR on platform.	
14225	- LIGHT C	47-53-20.225N 118-09-50.444W	FI W 2.5s	15	4	NR on pile.	
14230	- Buoy 1	47-50-02.345N 118-07-09.824W				Green can.	
14235	- Buoy 3	47-49-22.037N 118-05-52.496W				Green can.	
14245	- Buoy 4	47-47-38.069N 118-03-30.673W				Red nun.	
14247	- Danger Shoal Buoy A	47-47-43.451N 118-02-54.925W				White with orange bands and orange diamond worded "DANGER SHOAL"	
14248	- Danger Shoal Buoy B	47-47-52.571N 118-02-50.281W				White with orange bands and orange diamond worded "DANGER SHOAL"	
14250	- LIGHT 5	47-47-37.301N 118-02-51.625W	FI G 6s	15	4	SG on skeleton tower, on wooden crib.	
14255	- Buoy 7	47-47-54.680N 118-02-21.619W				Green can.	Marks shoaling to the northeast
	klin D. Roosevelt Lake orted discrepancies during the w	inter months will not be	corrected until the m	onth of lune	each vea	r	
14260	- Buoy 12	47-55-24.599N 118-20-53.444W	corrected until the mi	onur or surre	each yea	Red nun.	
14265	- LIGHT L	47-56-12.209N 118-21-43.394W	FI W 2.5s	12	4	NR on posts.	
14270	- Buoy 13	47-57-28.457N 118-21-24.302W				Green can.	
14275	- LIGHT M	47-58-01.409N 118-20-48.098W	FI W 4s	12	4	NR on box.	
14280	- LIGHT N	48-01-02.903N 118-24-10.160W	FI W 6s	16	5	NR on box.	
14285	- LIGHT O	48-02-49.331N 118-21-59.450W	FI W 2.5s	18	4	NR on tower.	
14290	- LIGHT P	48-02-17.014N 118-17-29.317W	FI W 4s	14	5	NR on box.	
14295	- LIGHT Q	48-03-23.453N 118-14-06.326W	FI W 6s	16	5	NR on box.	
14300	- LIGHT R	48-07-05.067N 118-15-29.317W	FI W 2.5s	12	4	NR on box, on side of cliff.	
	NKLIN D. ROOSEVELT LAKE (Northern Part)					
	klin D. Roosevelt Lake orted discrepancies during the w	inter months will not be	corrected until the me	onth of June	each yea	r.	
14305	- LIGHT T	48-08-49.433N 118-11-26.624W	FI W 4s	10	4	NR on box.	
14310	- LIGHT U	48-12-26.633N 118-11-58.256W	FI W 6s	12	5	NR on box.	
14315	- LIGHT V	48-14-30.803N 118-08-44.276W	FI W 2.5s	15	4	NR on box.	
14320	- LIGHT W	48-15-29.279N 118-08-14.048W	FI W 4s	8	5	NR on tower.	
14324	GIFFORD FERRY DOCK LIGHT	48-16-40.079N 118-08-20.972W	FIY4s			On single pile.	Private aid.
14326	INCHELIUM FERRY DOCK LIGHT	48-16-41.405N 118-09-08.200W	FIY4s		_	On single pile.	Private aid.
14330	- LIGHT X	48-21-37.949N 118-11-15.422W	FI W 6s	16	5	NR on posts.	
14335	- LIGHT Y	48-26-45.059N 118-12-47.786W	FI W 2.5s	15	5	NR on tower.	
14345	- LIGHT AA	48-29-48.437N 118-11-08.864W	FI W 4s	10	4	NB on box.	

(6)

(8)

(1) No. (2) Name and Location (3) Position (4) Characteristic (7) Structure Remarks Range **COLUMBIA RIVER - Thirteenth District** FRANKLIN D. ROOSEVELT LAKE (Northern Part) Franklin D. Roosevelt Lake Reported discrepancies during the winter months will not be corrected until the month of June each year. 48-32-42.965N FIW 6s - LIGHT BB 10 5 14350 NR on box. 118-08-24.758W 14355 48-33-21.174N - Buov 15 Green can 118-08-34.578W 14357 48-33-41.010N Rickey Point Sailing Club FI W 10s White and orange Private aid Lighted Buoy 118-07-22.900W buoy. 14360 - LIGHT CC 48-34-49.847N FI W 2.5s 30 NR on posts. 118-07-53.042W 14365 - Buoy 16 48-34-54.101N Red nun. 118-07-24.164W 14370 - Buoy 18 48-35-02.813N Red nun. 118-07-21.026W 14371 48-37-33.000N Kettle Falls Highway Bridge Fixed bridge. Columbia River mile: 703.2 118-07-00.000W 14372 Kettle Falls Railroad Bridge 48-37-33.000N Fixed bridge. Columbia River mile: 703.3 118-07-00.000W 14373 Kettle River Boom Support 48-40-07.406N Orange steel ball. Private aid. Buoy A 118-06-30.855W Kettle River Boom Support 14373.1 48-40-12.655N Orange steel ball. Private aid. Buoy B 118-06-27.273W Kettle River Boom Passage 14373.2 48-40-22.526N Green steel ball. Private aid. Gate Buoy 1 118-06-26.423W 14373.3 Kettle River Boom Passage 48-40-27.051N Red steel ball. Private aid. Gate Buoy 2 118-06-32.587W 14373.4 Kettle River Boom Passage 48-40-23.984N Green steel Ball. Private aid. Gate Buoy 3 118-06-35.734W 14373.5 Kettle River Boom Passage 48-40-26.522N Red steel ball. Private aid. Gate Buoy 4 118-06-35.251W Kettle River Boom Support 48-40-31.465N Private aid. 14373.6 Orange steel ball. Buoy C 118-06-23.018W 14373.7 Kettle River Boom Support 48-40-33.160N Orange steel ball. Private aid. Buoy D 118-06-30.614W 14373.8 Kettle River Boom Support 48-40-33.038N Orange steel ball. Private aid. Buoy E 118-06-36.629W 14373.9 Kettle River Boom Support 48-40-32.905N Orange steel ball. Private aid. Buoy F 118-06-41.749W 14375 - Buoy 19 48-40-51.342N Green can. 118-01-46.446W 14380 - Buoy 20 48-42-06.089N Red nun. 118-01-40.287W 14385 48-45-45.779N - Buoy 22 Red nun. 118-02-32.739W 14390 48-47-16 421N - Buoy 24 Red nun. 118-00-24.207W China Bar Aids maintained from June 1 to Nov. 1. 14395 - LIGHT 1 48-49-15.000N FIG 10s 6 Private aid. On box. 117-56-06 000W 48-49-31.000N 14400 - LIGHT 3 FIG 10s 6 On box. Private aid. 117-55-47.000W 48-49-52.000N 14405 - Lighted Buoy 5 FIG 10s On raft. Private aid. 117-55-47.000W 14410 - Lighted Buoy 7 48-50-18.000N FIG 10s On raft. Private aid. 117-55-30.000W PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521) Baker Bay West Channel 14415 ENTRANCE JETTY LIGHT 46-16-07.298N FIG 4s 15 4 SG on multi-pile 124-01-48.885W structure. TR on multi-pile 46-16-10.886N 14420 - ENTRANCE JETTY LIGHT FIR 2.5s 15 4 124-01-46.087W structure. 14425 46-16-14.909N Green can. Position shifted with changing - Buoy 3 124-01-50.152W conditions

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
DAG	IFIC COFAN TO HARRINGTON		LUMBIA RIVER - Th	irteenth Dis	trict		
	IFIC OCEAN TO HARRINGTON er Bay West Channel	POINT (Chart 18521)					
14430	- Daybeacon 6	46-16-18.153N 124-01-48.218W				TR on pile.	
14432	- Buoy 6A	46-16-25.814N 124-01-51.201W				Red nun.	
14435	- Daybeacon 7	46-16-24.374N 124-01-53.720W				SG on pile.	
14440	- LIGHT 8	46-16-33.124N 124-01-55.449W	FIR 4s	19	4	TR on multi-pile structure.	
14445	- Daybeacon 9	46-16-37.879N 124-02-06.994W				SG on pile.	
14450	- LIGHT 10	46-16-46.755N 124-02-14.548W	FIR 6s	19	4	TR on multi-pile structure.	
14455	- LIGHT 11	46-16-49.988N 124-02-27.069W	FI G 4s	19	4	SG on multi-pile structure.	
14460	- LIGHT 12	46-16-56.097N 124-02-47.405W	QR	19	4	TR on pile.	
14465	- Daybeacon 14	46-16-59.892N 124-02-54.619W				TR on pile.	
14470	- LIGHT 15	46-17-06.612N 124-03-03.543W	FI G 2.5s	20	4	SG on piles and end of breakwater.	
14475	- Daybeacon 16	46-17-12.682N 124-03-01.076W				TR on pile.	
14480	- LIGHT 17	46-17-20.032N 124-03-03.039W	FI G 4s	19	4	SG on pile.	
14485	- Daybeacon 18	46-17-24.350N 124-02-54.363W				TR on pile.	
14490	- LIGHT 20	46-17-35.710N 124-02-42.429W	FIR 4s	19	4	TR on pile.	
14495	- Daybeacon 21	46-17-43.369N 124-02-38.676W				SG on pile.	
14500	- LIGHT 22	46-17-49.272N 124-02-24.458W	FI R 2.5s	19	4	TR on pile.	
14505	- LIGHT 23	46-17-53.810N 124-02-27.728W	FI G 2.5s	15	4	SG on pile.	
14510	ILWACO MOORING BASIN LIGHT 2	46-17-59.879N 124-02-25.575W	FIR 4s	19	4	TR on pile.	
14515	ILWACO MOORING BASIN LIGHT 3	46-18-04.562N 124-02-30.063W	FI G 4s	14	4	SG on jetty.	
Chin	ook Channel						
14520	- LIGHT 1	46-15-31.472N 123-58-11.922W	FI G 2.5s	14	4	SG on pile.	
14525	- LIGHT 2	46-15-46.915N 123-57-39.001W	FIR 4s	15	6	TR on dolphin.	Ra ref.
14527	- Buoy 3	46-15-49.082N 123-57-41.211W				Green can.	
14528	- Buoy 4	46-16-01.722N 123-57-19.105W				Red nun.	
14530	- LIGHT 5	46-16-02.734N 123-57-21.857W	FI G 4s	15	4	SG on dolphin.	Ra ref.
14535	- LIGHT 8	46-16-19.975N 123-57-11.454W	QR	15	4	TR on dolphin.	Ra ref.
Ham	mond Boat Basin						
14540	- West Breakwater Daybeacon 2	46-12-17.386N 123-56-58.591W				TR on pipe on jetty.	
14545	- EAST BREAKWATER LIGHT 1	46-12-17.386N 123-56-52.591W	FI G 4s	22	4	SG on pipe on jetty.	
Skip	anon Waterway						
14550	- WEST LIGHT 4	46-11-03.926N 123-54-29.609W	FIR 4s	15	4	TR on multi-pile structure.	
14555	- EAST LIGHT 3	46-11-02.756N 123-54-20.852W	FI G 4s	14	4	SG on multi-pile structure.	
14560	- RANGE FRONT LIGHT	46-10-00.531N 123-54-55.884W	QR	23		KRB on skeleton tower.	Visible 1.5° each side of rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PAC	IFIC OCEAN TO HARRINGTON F		LUMBIA RIVER - Th	irteenth Dis	trict		
	anon Waterway	Oner (Onare 10021)					
14565	 RANGE REAR LIGHT 234 yards, 199.2° from front light. 	46-09-53.978N 123-54-59.161W	Iso R 6s	36		KRB on skeleton tower.	Visible 4° each side of rangeline
Your 14570	ngs Bay - ENTRANCE LIGHT 2	46-10-52.013N 123-52-46.680W	FIR 4s	16	4	TR on pile.	
14573	- Highway Bridge Youngs Bay mile: 0.7	46-10-34.000N 123-52-07.000W				Vertical lift bridge.	
14575	- Buoy 4	46-10-16.490N 123-51-50.149W				Red nun.	
14580	- LIGHT 6	46-10-03.115N 123-51-27.663W	FI R 2.5s	16	4	TR on pile.	
14582	Old Youngs Bay Highway Bridge Youngs Bay mile: 2.4	46-10-08.000N 123-50-17.000W				Bascule bridge.	
Lewi 14585	s and Clark River - Daybeacon 2	46-10-04.034N 123-51-45.722W				TR on pile.	
14590	- Daybeacon 4	46-09-54.904N 123-51-32.607W				TR on pile.	
14595	- Buoy 5	46-09-49.224N 123-51-23.851W				Green can.	
14605	- Buoy 7	46-09-39.508N 123-51-18.821W				Green can.	
14607	 Highway Bridge Lewis and Clark River mile: 1.0 	46-09-08.000N 123-51-32.000W				Bascule bridge.	
Nort	h Channel						
14610	SAND ISLAND LOWER DIKE LIGHT 1	46-15-38.050N 124-00-28.191W	FI G 4s	17	4	SG on multi-pile structure.	
14620	SAND ISLAND UPPER DIKE LIGHT 5	46-15-22.260N 123-58-55.867W	FI G 4s	15	4	SG on multi-pile structure.	
14625	CHINOOK DIKE LIGHT 7	46-14-59.214N 123-57-12.240W	FI G 6s	16	4	SG on multi-pile structure.	
14630	Astoria Highway Bridge (north channel) Columbia River mile: 13.5	46-14-18.000N 123-52-24.000W				Fixed bridge.	
14635	- Daybeacon 10	46-15-46.471N 123-47-14.460W				TR on dolphin.	
14640	- Daybeacon 12	46-16-03.256N 123-46-28.009W				TR on dolphin.	Ra ref.
14645	GRAYS POINT LIGHT 13	46-16-23.296N 123-46-00.469W	FI G 6s	15	4	SG on pile.	
14650	Portuguese Point Daybeacon 14A	46-16-35.248N 123-45-04.655W				TR on pile.	
-	s Bay						
Deep 14690	o River Channel ROCKY POINT LIGHT 7	46-17-17.510N 123-43-38.739W	FI G 4s	15	4	SG on pole on concrete foundation.	
14695	- Daybeacon 8	46-17-48.749N 123-43-14.734W				TR on pile.	
14700	- Daybeacon 10	46-17-58.978N 123-42-49.255W				TR on pile.	
14705	- Daybeacon 12	46-18-06.502N 123-42-37.631W				TR on pile.	
14710	- Daybeacon 14	46-18-21.424N 123-42-32.913W				TR on pile.	
14715	- Daybeacon 16	46-18-34.647N 123-42-36.370W				TR on pile.	
Cath 14720	lamet Bay South Channel - LIGHT 2	46-12-45.898N 123-45-23.299W	QR	18	4	TR on pole.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
DACI	EIC OCEAN TO HARRINGTON F		LUMBIA RIVER - Th	irteenth Dis	trict		
	FIC OCEAN TO HARRINGTON F amet Bay South Channel	OINT (Chart 16521)					
14725	 LIGHT 3 On end of rock groin. 	46-12-21.554N 123-45-07.682W	FI G 2.5s	15	4	SG on pole on jetty.	
14729	- LIGHT 6	46-11-48.588N 123-45-05.687W	FIR 6s	24	4	TR on multi-pile structure.	
14740	- Daybeacon 10	46-10-26.744N 123-43-25.416W				TR on pile.	
John 14742	Day River Pacific and Western Railroad Bridge John Day River mile: 0.1	46-10-51.000N 123-44-27.000W				Swing bridge.	
Cathl 14745	lamet Bay North Channel - LIGHT 3	46-12-37.319N 123-42-51.439W	FI G 6s	15	4	SG on multi-pile structure.	
14750	- Buoy 4	46-12-17.026N 123-42-20.181W				Red nun.	
14760	GRASSY ISLAND LIGHT 8	46-11-35.598N 123-41-28.502W	FIR 4s	17	4	TR on pile.	
HARI	RINGTON POINT TO CRIMS ISLA	AND (Chart 18523)					
Cathl 14765	lamet Bay Prairie Channel - LIGHT 10	46-10-47.985N 123-40-28.712W	FI R 2.5s	16	4	TR on pile.	
14775	SVENSEN ISLAND LIGHT 12A	46-10-52.326N 123-38-40.521W	FI R 2.5s	15	4	TR on pile.	
14781	- Daybeacon 14	46-11-14.943N 123-38-03.065W				TR on pile.	
14785	RUSSIAN ISLAND LIGHT 15	46-11-54.294N 123-38-10.104W	FI G 4s	15	4	SG on pile.	
14790	- Daybeacon 17	46-12-45.578N 123-37-54.217W				SG on pile.	
14800	MARSH ISLAND LIGHT 21	46-12-50.792N 123-37-12.133W	FI G 2.5s	15	4	SG on multi-pile structure.	
Blind 14810	Slough Pacific and Western Railroad Bridge Blind Slough mile: 1.1	46-12-10.000N 123-33-40.000W				Swing bridge.	
Clats 14815	kanie River Pacific and Western Railroad Bridge Clatskanie River mile 0.7.	46-06-46.000N 123-12-41.000W				Swing bridge.	
	IS ISLAND TO VANCOUVER (Cr	nart 18524)					
Multr 14820	nomah Channel HOULIHAN DOCK LIGHT	45-52-30.467N 122-47-58.204W	FI Y 4s			On floating dock.	Private aid.
14825	- Daybeacon 2	45-52-22.388N 122-47-54.221W				TR on multi-pile structure.	
14827.1	Saint Helens Regulatory Buoy A	45-52-17.430N 122-47-53.410W				White with orange markings.	Private aid.
14827.2	Saint Helens Regulatory Lighted Buoy B	45-52-18.260N 122-47-50.680W	FI W 2s			White with orange markings.	Private aid.
14827.3	Saint Helens Regulatory Lighted Buoy C	45-52-18.730N 122-47-44.900W	FI W 2s			White with orange markings.	Private aid.
14830	- Daybeacon 3	45-51-54.695N 122-47-35.468W				SG on dolphin.	
14832.1	Saint Helens Regulatory Lighted Buoy D	45-51-45.860N 122-47-35.980W	FI W 2s			White with orange markings.	Private aid.
14832.2	Saint Helens Regulatory Lighted Buoy E	45-51-46.580N 122-47-30.980W	FI W 2s			White with orange markings.	Private aid.
14834	Sauvie Island Junction Lighted Buoy	45-51-38.820N 122-47-26.078W	FI (2+1)R 6s		4	Red and green.	
14837	Sauvie Island Highway Bridge Multnomah Channel mile: 20.0	45-37-40.000N 122-48-59.000W				Fixed bridge.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LUMBIA RIVER - Th	irteenth Dis	trict		
Multno	S ISLAND TO VANCOUVER (Ch omah Channel oose Bay	art 18524)					
14840.1	- Daybeacon 1	45-49-50.098N 122-49-29.734W				SG on pile.	Private aid.
14840.3	- Daybeacon 3	45-49-46.189N 122-49-45.667W				SG on pile.	Private aid.
14840.5	- Daybeacon 5	45-49-45.397N 122-49-51.970W				SG on pile.	Private aid.
14840.7	- Daybeacon 7	45-49-44.860N 122-49-56.330W				SG on pile.	Private aid.
14840.9	- Daybeacon 9	45-49-42.089N 122-50-03.526W				SG on pile.	Private aid.
	z River						
14843	Harry Morgan Highway Bridge Cowlitz River mile: 1.6	46-06-25.000N 122-53-30.000W				Fixed bridge.	
2027			OREGON - Thirtee	nth District			
	OF PORTLAND (Chart 18526) nette River						
14850 11225	KELLEY POINT JUNCTION LIGHT	45-39-10.946N 122-45-46.201W	FI (2+1)R 6s	39	4	JR on multi-pile structure.	
14855	- LIGHT 2	45-39-11.767N 122-46-04.392W	QR	26	3	TR on multi-pile structure.	
14860	- LIGHT 3	45-38-45.320N 122-46-06.331W	FI G 4s	37	4	SG on multi-pile structure.	
14865	- LIGHT 4	45-38-51.062N 122-46-19.309W	FIR 4s	26	4	TR on multi-pile structure.	AIS: MMSI 993692064 (21).
14870	- LIGHT 6	45-38-36.236N 122-46-36.968W	FIR 6s	25	5	TR on multi-pile structure.	
14875	TERMINAL 5 BULK OUTLOADER DOCK LIGHTS (2)	45-38-22.000N 122-46-38.000W	FIY 10s	9		On concrete pier.	Private aid.
14880	- LIGHT 10	45-38-18.202N 122-47-14.204W	FI R 2.5s	36	4	TR on multi-pile structure.	
14890	OREGON STEEL DOCK LIGHTS (2)	45-37-43.500N 122-47-13.000W	FI Y 6s	23		On dolphin.	Private aid.
14895	POST OFFICE RANGE FRONT LIGHT	45-37-42.501N 122-47-36.404W	Q W	32		KRB on multi-pile structure.	Visible all around; higher intens 1.5° each side of rangeline.
14900	POST OFFICE RANGE REAR LIGHT 398 yards, 346.7° from front light.	45-37-53.964N 122-47-40.287W	Iso W 6s	51		KRB on skeleton tower.	Visible 14° each side of range line.
14905	ASH GROVE LIME DOCK LIGHT N	45-37-23.490N 122-47-16.610W	FY			On corner of dock.	Private aid.
14906	ASH GROVE LIME DOCK LIGHT S	45-37-21.220N 122-47-16.610W	FY			On corner of dock.	Private aid.
14910	MULTNOMAH CHANNEL JUNCTION LIGHT	45-37-08.654N 122-47-41.435W	FI (2+1)R 6s	25	4	JR on multi-pile structure.	
14918	- Lighted Buoy 12	45-37-17.737N 122-47-34.559W	FIR 4s		4	Red.	
14923	Terminal 4 Daybeacon 13	45-35-59.000N 122-46-34.000W				SG on dolphin.	Private aid.
14924	Saint Johns Highway Bridge Willamette River mile: 5.9	45-35-06.000N 122-45-52.000W				Fixed bridge.	
Johns 14925	Landing Pier Gasco Regulatory Buoys (3)	45-34-48.435N 122-45-29.195W				White and orange.	Restricted No Anchoring. Private aid.
Willam	nette River						
14927	Burlington Northern Railroad Bridge Approach Buoy 14	45-34-36.896N 122-44-56.600W				Red nun.	
14927.5	Saint Johns Railroad Bridge Willamette River mile: 6.9	45-34-38.000N 122-44-48.000W				Vertical lift bridge.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic		(6) Range	(7) Structure	(8) Remarks
PORT	OF PORTLAND (Chart 18526)		OREGON - Thirtee	nth District			
Willa n 14928	nette River Burlington Northern Railroad Bridge Approach Buoy 16	45-34-31.752N 122-44-47.739W				Red nun.	
Johns 14930	Landing Pier McCormick and Baxter Buoy A					White and orange	Private aid.
14931	McCormick and Baxter Buoy B					can. White and orange	Private aid.
14932	McCormick and Baxter Buoy	122-44-34.670W 45-34-39.034N				can. White and orange	Private aid.
14933	C McCormick and Baxter Buoy D	122-44-41.597W 45-34-43.826N				can. White and orange	Private aid.
14934	McCormick and Baxter Buoy E	122-44-47.534W 45-34-47.186N 122-44-53.229W				can. White and orange can.	Private aid.
Willan	nette River						
14935	CHEVRON TEXACO PETROLEUM DOCK LIGHT A	45-34-02.750N 122-44-13.250W	FY	38		On pier.	Private aid.
14940	CHEVRON TEXACO PETROLEUM DOCK LIGHT B	45-34-02.800N 122-44-13.500W	FY	38		On pier.	Private aid.
14943	SWAN ISLAND PIER D LIGHT	45-34-01.080N 122-43-43.255W	QY			On pier.	Private aid.
14945	SWAN ISLAND PIER C LIGHT	45-34-05.574N 122-43-33.431W	QY			On pier.	Private aid.
14950	SWAN ISLAND PIER A LIGHT	45-34-07.518N 122-43-25.694W	QY			On pier.	Private aid.
14955	SHAVER TRANSPORTATION MOORING LIGHT	45-33-38.181N 122-43-40.655W	FI Y 2.5s			On dolphin.	Private aid.
14955.1	Fremont Highway Bridge Willamette River mile 10.9	45-32-17.000N 122-40-58.000W				Fixed bridge.	
14955.2	Broadway Highway Bridge Willamette River mile: 11.7	45-31-54.000N 122-40-27.000W				Bascule bridge.	
14955.3	Steel Railroad-Highway Bridge Willamette River mile: 12.1	45-31-39.000N 122-40-10.000W				Vertical lift bridge.	
14955.35	Duckworth Memorial Dock No Wake Buoy	45-31-31.157N 122-39-59.343W				Orange and white can buoy.	Private aid.
14955.4	Burnside Highway Bridge Willamette River mile: 12.4	45-31-23.000N 122-40-03.000W				Bascule bridge.	
14955.5	Morrison Highway Bridge Willamette River mile: 12.8	45-31-04.000N 122-40-11.000W				Bascule bridge.	
14955.6	Hawthorne Highway Bridge Willamette River mile: 13.1	45-30-47.000N 122-40-15.000W				Vertical lift bridge.	
14956	RIVER PLACE MARINA BREAKWATER LIGHT A	45-30-40.222N 122-40-20.114W	FY	2		On floating breakwater.	Private aid.
14957	RIVER PLACE MARINA BREAKWATER LIGHT B	45-30-35.568N 122-40-18.008W	FY	2		On floating breakwater.	Private aid.
14958	RIVER PLACE MARINA BREAKWATER LIGHT C	45-30-34.840N 122-40-16.888W	FY	2		On floating breakwater.	Private aid.
14959	RIVER PLACE MARINA BREAKWATER LIGHT D	45-30-33.926N 122-40-17.551W	FY	2		On floating breakwater.	Private aid.
14959.5	I-5 Marquam Highway Bridge Willamette River mile: 13.5	45-30-29.000N 122-40-08.000W				Fixed bridge.	
14959.6	Tilikum Crossing Highway Bridge Willamette River mile: 13.8	45-30-18.396N 122-40-00.120W				Fixed bridge.	
14959.7	Ross Island Highway Bridge Willamette River mile: 14.0	45-30-05.000N 122-39-52.000W				Fixed bridge.	
Johns	s Landing Pier						
14960	LANDING BOAT CLUB LIGHT 2	45-29-06.101N 122-40-17.785W	FIR 2s			On dock.	Private aid.
14965	LANDING BOAT CLUB LIGHT 1	45-29-06.314N 122-40-16.988W	FI G 2s			On dock.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirtee	enth District			
Willa	T OF PORTLAND (Chart 18526) amette River ns Landing Pier						
14970	LANDING BOAT CLUB LIGHT 4	45-29-03.955N 122-40-17.056W	FIR 2s			On dock.	Private aid.
14975	LANDING BOAT CLUB LIGHT 3	45-29-03.870N 122-40-16.472W	FI G 2s			On dock.	Private aid.
14978	TOE ISLAND LIGHT 1	45-28-57.380N 122-40-07.561W	FI G 4s	30	4	SG on pile.	
Willa	amette River						
14980	Stevens Point Buoy 2	45-28-38.712N 122-40-03.468W				Red nun.	
14985	Stevens Point Buoy 4	45-28-24.303N 122-39-58.714W				Red nun.	
14990	Stevens Point Buoy 5	45-28-08.538N 122-39-59.612W				Green can.	
14995	Sellwood Highway Bridge Willamette River mile: 16.7	45-27-50.000N 122-39-56.000W				Fixed bridge.	
	LAMETTE RIVER (Portland to Wa	alnut Eddy)					
15000	- Buoy 6	45-26-32.983N 122-38-48.825W				Red nun.	
15003	- Buoy 8	45-26-25.526N 122-38-46.531W				Red nun.	
15005	 Buoy 10 Marks edge of rock ledge. 	45-26-20.705N 122-38-50.560W				Red nun.	
15010	- Buoy 12	45-26-18.444N 122-38-55.899W				Red nun.	
15025	- ISLAND LIGHT 13	45-26-12.602N 122-38-57.769W	FI G 4s	35	4	SG on tower.	
WILI	LAMETTE RIVER (Portland to Wa	alnut Eddy)					
15028	Lake Oswego Railroad Bridge Willamette river mile: 20.0	45-25-30.000N 122-39-18.000W				Fixed bridge.	
15030	OSWEGO NORTH DOCK LIGHT	45-25-14.621N 122-39-21.715W	FIY4s			On dock.	Private aid.
15035	OSWEGO SOUTH DOCK LIGHT	45-25-11.980N 122-39-21.564W	FIY4s			On dock.	Private aid.
15040	Oswego Rock Daybeacon	45-24-41.900N 122-39-31.141W				NW on pole, worded DANGER ROCKS.	Ra Ref.
15045	Thesing Range Front Daybeacon	45-25-31.019N 122-39-19.075W				KRB on railroad bridge trestle.	On a higher elevation than the Thesing Range Rear Daybeacon
15050	Thesing Range Rear Daybeacon 272 yards, 223.7° from front daybeacon.	45-25-25.203N 122-39-26.970W				KRB on dolphin.	On a lower elevation than the Thesing Range Front Daybeacor
15055	WILLAMETTE RIVER LIGHT	45-24-07.694N 122-38-38.641W	FIR 4s	18	4	TR on tower.	
15060	BINGHAM LANDING LIGHT 16	45-23-49.634N 122-38-16.867W	FIR 6s	17	5	TR on skeleton tower.	Obscured to northward of 220°.
15065	STARKWEATHER LANDING LIGHT 17	45-23-32.846N 122-37-33.169W	FI G 6s	21	5	SG on skeleton tower.	
15070	JENNINGS LODGE LIGHT 19		FI G 4s	30	4	SG on skeleton tower.	
15075	CLACKAMAS RAPIDS LIGHT 20		FIR 4s	18	4	TR on skeleton tower.	
Mala	Irum Bar						
15077.1	- Daybeacon 1	45-22-46.405N 122-37-07.809W				SG on piling.	Private aid.
15077.2	- Daybeacon 2	45-22-44.742N 122-37-05.880W				TR on piling.	Private aid.
15077.3	- Daybeacon 3	45-22-42.542N 122-37-03.220W				SG on piling.	Private aid.
15077.4	- Daybeacon 4	45-22-39.734N 122-37-01.614W				TR on piling.	Private aid.
		· · · · · · ·					

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteer	nth District			
WILL 15078	LAMETTE RIVER (Portland to W. I-205 Highway Bridge Willamette River mile: 25.5	alnut Eddy) 45-21-52.000N 122-36-13.000W				Fixed bridge.	
15079	Oregon City Highway Bridge Willamette River mile: 26.0	45-21-32.000N 122-36-35.000W				Fixed bridge.	
Rock	k Island Channel						
15080	- Buoy 1	45-20-02.742N 122-39-09.342W				Green can.	Maintained from May 15 to Oct. 15.
15085	- Buoy 2	45-19-56.538N 122-39-17.633W				Red nun.	Maintained from May 15 to Oct. 15.
15090	- Buoy 3	45-19-51.270N 122-39-25.703W				Green can.	Maintained from May 15 to Oct. 15.
15100	- Buoy 7	45-19-26.707N 122-39-44.025W				Green can.	Maintained from May 15 to Oct. 15.
15110	- Buoy 9	45-19-22.718N 122-39-45.241W				Green can.	Maintained from May 15 to Oct. 15.
15112	- Buoy 10	45-19-23.164N 122-39-47.795W				Red nun.	Maintained from May 15 to Oct. 15
15115	- Buoy 12	45-19-15.751N 122-39-51.268W				Red nun.	Maintained from May 15 to Oct. 15.
15120	- Buoy 13	45-18-41.006N 122-39-49.854W				Green can.	Maintained from May 15 to Oct. 15.
15125	- Buoy 14	45-18-41.916N 122-39-52.573W				Red nun.	Maintained from May 15 to Oct. 15.
15130	- Buoy 15	45-18-37.448N 122-39-52.294W				Green can.	Maintained from May 15 to Oct. 15.
15135	New Era Bar Range Front Daybeacon	45-17-18.707N 122-39-34.203W				KRW on pipe.	
15140	New Era Bar Range Rear Daybeacon 25 yards, 178.6° from front daybeacon.	45-17-17.967N 122-39-34.177W				KRW on pipe.	
15145	Rocky Reef Range Front Daybeacon	45-17-39.112N 122-41-02.753W				KRB on pile.	
15150	Rocky Reef Range Rear Daybeacon 75 yards, 307.3° from front daybeacon.	45-17-40.458N 122-41-05.255W				KRB on pipe.	
WILL 15151	LAMETTE RIVER (Walnut Eddy to I-5 Wilsonville Highway Bridge Willamette River mile: 38.5	to Newberg) 45-17-30.000N 122-46-09.000W				Fixed bridge.	
15152	Wilsonville Railroad Bridge Willamette River mile: 38.8	45-17-35.000N 122-46-34.000W				Fixed bridge.	
15153	Newberg Highway Bridge Willamette River mile: 48.4	45-16-04.000N 122-56-36.000W				Fixed bridge.	
15154	City Pipeline Bridge Willamette River mile: 50.0	45-17-02.000N 122-57-44.000W				Fixed bridge.	
Willa 15155	amette River Marion Street Bridge Willamette River mile: 84.4	44-56-45.000N 123-02-33.000W				Fixed bridge.	
15156	Center Street Bridge Willamette River mile:84.5	44-56-42.000N 123-02-37.000W				Fixed bridge.	
15158	Albany Railroad Bridge Willamette River mile: 119.6	44-38-27.000N 123-05-48.000W				Swing bridge.	
15159	Lyon Street Bridge Willamette River mile: 120.0	44-38-21.000N 123-06-21.000W				Fixed bridge.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirtee	nth District			
Willar 15160	mette River Ellsworth Street Bridge Willamette River mile: 120.1	44-38-21.000N 123-06-24.000W				Fixed bridge.	
15161	Harrison Street Bridge Willamette River mile: 131.6	44-33-58.000N 123-15-22.000W				Fixed bridge.	
		1	WASHINGTON - Thirt	eenth Distri	ct		
	APA BAY pa Bay						
15205	- ENTRANCE LIGHT 11	46-43-14.730N 124-02-21.452W	FI G 6s	17	4	SG on multi-pile structure.	
-	pa River						
15210	- JUNCTION LIGHT	46-41-21.648N 124-00-05.772W	FI (2+1)R 6s	18	4	JR on multi-pile structure.	
-	ра Вау				_		
15215	- CHANNEL LIGHT 15	46-42-05.114N 123-59-44.763W	FI G 4s	15	4	SG on multi-pile structure.	
15220	- CHANNEL LIGHT 16	46-41-42.516N 123-58-39.968W	FIR 4s	15	4	TR on multi-pile structure.	
15225	Cedar River Flats Daybeacon 2	46-42-07.721N 123-57-40.202W				TR on pile.	
15230	TOKE POINT JETTY LIGHT 3	46-42-26.126N 123-57-57.927W	FI G 4s	13	4	SG on pile at end of jetty.	
15235	Toke Point Basin Daybeacon 4	46-42-28.754N 123-57-58.233W				TR on pile.	
-	pa River						
15240	- LIGHT 1	46-41-50.183N 123-57-30.273W	FI G 2.5s	15	4	SG on pile.	
15250	- Daybeacon 2	46-41-32.114N 123-57-20.695W				TR on dolphin.	
15260	- LIGHT 7	46-41-44.121N 123-56-17.306W	FI G 4s	15	4	SG on pile.	
15265	- LIGHT 8	46-41-27.436N 123-55-44.325W	FIR 4s	20	4	TR on pile.	
15270	- LIGHT 10	46-41-47.738N 123-55-04.167W	FIR 6s	15	4	TR on pile.	
15275	- LIGHT 13	46-42-01.266N 123-54-32.481W	FI G 4s	15	4	SG on pile.	
15280	- RANGE B FRONT LIGHT	46-42-33.783N 123-51-18.058W	QW	25		KRB on mulit-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.
15285	 RANGE B REAR LIGHT 1,240 yards, 074.0° from front light. 	46-42-43.901N 123-50-26.740W	Iso W 6s	56		KRB on skeleton tower, on multi-pile structure.	Visible 4° each side of rangeline.
15290	- Daybeacon 15	46-42-07.711N 123-53-57.216W				SG on pile.	
15295	- LIGHT 19	46-42-12.050N 123-53-17.608W	FI G 6s	15	4	SG on pile.	
15305	- LIGHT 24	46-42-24.609N 123-51-53.709W	FIR 4s	15	4	TR on pile.	
15310	- Daybeacon 26	46-42-27.894N 123-51-24.102W				TR on pile.	
15315	- Daybeacon 28	46-42-24.084N 123-50-58.764W				TR on pile.	
15320	- LIGHT 29	46-42-26.043N 123-50-39.542W	FI G 2.5s	15	4	SG on pile.	
15325	- Daybeacon 30	46-42-15.032N 123-50-34.083W				TR on pile.	
15330	- LIGHT 33	46-42-07.541N 123-50-01.198W	FI G 4s	22	5	SG on pile.	
15335	- LIGHT 35	46-41-42.024N 123-49-29.302W	FI G 6s	15	4	SG on pile.	
15340	- LIGHT 39	46-41-12.739N 123-49-01.633W	FI G 4s	18	4	SG on pile.	
15345	- LIGHT 40	46-41-10.742N 123-49-07.778W	FIR 4s	15	4	TR on pile.	

WILLAY BAY WIL	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Number New N	WILL	APA BAY	1	WASHINGTON - Thir	teenth Distri	ct		
123-48-0,720W 123-48-0,720W 123-48-0,720W 123-48-0,820W 123-48-0,820	Willa	pa River						
80 feet outside chammel limit. 12347-69-282W FI G 4s	15360	- Daybeacon 44					TR on pile.	
12347-06 B44W 12346-4637 124 17	15365			FI G 4s	15	4	SG on pile.	
1234-64.8.574W 123-64.8.574W 123-64.8.574W 123-65.035W 123-25.8035W 1	15375	- LIGHT 55		FI G 4s	16	4		
1334 Surfington Northerm Santa 64-14-05 DONN 23-44-25 0.000 23-4	15380	- LIGHT 56		QR	17	4	TR on pile.	
Fe Railroad Bridge 1244-25.000W South Williag River miles 1244-25.000W South Williag River miles 1235-1240W South River Channel 1235-1240W South River Channel 1235-1250W 15385	- LIGHT 59		FI G 2.5s	17	4	SG on pile.		
Daybeacon 2	15387	Fe Railroad Bridge					Swing bridge.	
Daybeacon 6	15390						TR on pile.	Private aid.
Daybeacon 8	15390.1						TR on pile.	Private aid.
Daybeacon 10	15390.2						TR on pile.	Private aid.
Daybeacon 12 123-54-20,640W 123-54-20,640W 123-54-35,280W 123-54-35,280W 123-54-35,280W 123-54-35,280W 123-54-47,220W 123-54-33,40W 123-54-33,40W 123-54-33,40W 123-54-33,40W 123-54-33,50W 123-54-33,50W 123-54-33,50W 123-54-32,580W 123-53-34,580W 123-53-34,50W 123-53-34,50	15390.3						TR on pile.	Private aid.
15390.6 North River Channel 123-64-35,280/W	15390.4						TR on pile.	Private aid.
Daybeacon 16 123-54-42 720W	15390.5						TR on pile.	Private aid.
Daybeacon 17 123-54-47-220W 15390.8 North River Channel 46-44-24-300N 123-54-32-560W TR on pile. Private aid. 15390.9 North River Channel 46-44-22-340N 123-54-32-560W TR on pile. Private aid. 15391 North River Channel 46-44-32-260N 123-54-32-560W TR on pile. Private aid. Private aid. 15391.1 North River Channel 46-44-43-260N 123-54-19-300W TR on pile. Private aid. Private aid. 15391.1 North River Channel 46-44-40-260N 123-54-19-300W TR on pile. Private aid. Private aid. 15391.3 North River Channel 46-44-40-260N 123-53-54-960W TR on pile. Private aid. Private aid. 15391.3 North River Channel 46-44-27-20N TR on pile. Private aid. Private aid. 15391.3 North River Channel 46-44-39-660N TR on pile. Private aid. Private aid. TR on pile. TR on pil	15390.6						TR on pile.	Private aid.
Daybeacon 18	15390.7						SG on Pile.	Private aid.
Daybeacon 19 123-54-32.580W 15391 North River Channel Daybeacon 22 123-54-17.160W TR on pile. Private aid. Pri	15390.8						TR on pile.	Private aid.
Daybeacon 22 123-54-17.160W 15391.1 North River Channel Daybeacon 24 123-54-09.300W 15391.2 North River Channel Daybeacon 26 123-54-09.800W 123-53-54.960W 123-53-64.960W 123-53-64.960W 123-53-64.960W 123-53-64.960W 123-53-64.960W 123-53-64.960W 123-53-64.960W 123-53-64.960W 123-53-41.580W 123-53-41.580W 123-53-41.580W 123-53-41.580W 123-53-39.360W 123-53-39.360W 123-53-39.360W 123-53-39.360W 123-53-31.920W 123-53-31.920W 123-53-31.920W 123-53-31.920W 123-53-31.920W 123-53-31.920W 123-53-31.920W 123-53-31.920W 123-53-31.920W 123-53-24.000W 1	15390.9						SG on pile.	Private aid.
Daybeacon 24 123-54-09.300W 15391.2 North River Channel	15391						TR on pile.	Private aid.
Daybeacon 26	15391.1						TR on pile.	Private aid.
Daybeacon 27 123-53-41.580W 15391.4 North River Channel 123-53-39.360W 123-53-39.360W 123-53-39.360W 123-53-31.920W 15391.5 North River Channel 46-44-42.280N 123-53-31.920W 123-53-31.920W 123-53-31.920W 123-53-31.920W 15391.6 North River Channel 46-44-43.560N 123-53-24.000W 123-53-10.000W 123-53-31.000W 15391.2						TR on pile.	Private aid.	
Daybeacon 28 123-53-39.360W 123-53-39.360W South River Channel Daybeacon 29 123-53-31.920W 123-53-31.920W TR on pile. Private aid. Private	15391.3						SG on pile.	Private aid.
Daybeacon 29 123-53-31.920W 15391.6 North River Channel Daybeacon 30 46-44-43.560N 123-53-24.000W 123-53-24.000W 123-53-24.000W 15410 - LIGHT 7 46-36-32.976N 123-58-28.073W 15415 - Daybeacon 8 46-35-45.464N 123-59-01.576W 123-58-27.865W 15420 - LIGHT 10 46-33-45.006N 123-58-37.865W 123-58-37.865W 123-57-40.981W 15430 - Daybeacon 12 46-32-45.539N 123-59-10.007W 15435 LONG ISLAND JUNCTION 46-32-08.867N FI (2+1)G 6s 17 5 JG on multi-pile structure. 15440 - Daybeacon 13 46-30-39.877N FI (2+1)G 6s 17 5 JG on pile. 15450	15391.4						TR on pile.	Private aid.
Daybeacon 30 123-53-24.000W South Willapa Bay 15410 - LIGHT 7 46-36-32.976N 123-58-28.073W FI G 4s 22 5 SG on pile. 15415 - Daybeacon 8 46-35-45.464N 123-59-01.576W FI R 4s 22 5 TR on pile. 15420 - LIGHT 10 46-34-14.918N 123-58-37.865W FI R 4s 22 5 TR on pile. 15425 - Daybeacon 11 46-33-45.006N 123-57-40.981W 15430 - Daybeacon 12 46-32-45.539N 123-59-10.007W 15435 LONG ISLAND JUNCTION 46-32-08.867N I23-58-35.684W FI (2+1)G 6s 17 5 JG on multi-pile structure. 15440 - Daybeacon 13 46-30-39.877N FI (2+1)G 6s 17 5 SG on pile. SG on pile. 15440 - Daybeacon 13 46-30-39.877N SG on pile. SG on pile. 15450 SG on pile. 15460 - Daybeacon 13 46-30-39.877N SG on pile. 15460 - Daybeacon 13 46-30-39.877N SG on pile. 15460 - Daybeacon 13 46-30-39.877N SG on pile. 15470 - Daybeacon 15 15391.5						SG on pile.	Private aid.	
15410 - LIGHT 7 46-36-32.976N 123-58-28.073W FI G 4s 22 5 SG on pile. 15415 - Daybeacon 8 46-35-45.464N 123-59-01.576W TR on pile. Nahcotta Channel 15420 - LIGHT 10 46-34-14.918N 123-58-37.865W FI R 4s 22 5 TR on pile. 15425 - Daybeacon 11 46-33-45.006N 123-57-40.981W SG on pile. SG on pile. 15430 - Daybeacon 12 46-32-45.539N 123-59-10.007W TR on pile. TR on pile. 15435 LONG ISLAND JUNCTION LIGHT 123-58-35.684W FI (2+1)G 6s 17 5 JG on multi-pile structure. 15440 - Daybeacon 13 46-30-39.877N FI (2+1)G 6s 17 5 JG on pile.	15391.6						TR on pile.	Private aid.
15415 - Daybeacon 8				FI G 4s	22	5	SG on pile.	
15420 - LIGHT 10 46-34-14.918N 123-58-37.865W FI R 4s 22 5 TR on pile. 15425 - Daybeacon 11 46-33-45.006N 123-57-40.981W SG on pile. 15430 - Daybeacon 12 46-32-45.539N 123-59-10.007W TR on pile. 15435 LONG ISLAND JUNCTION LIGHT 123-58-35.684W FI (2+1)G 6s 17 5 JG on multi-pile structure. 17 5 JG on multi-pile structure. 15440 - Daybeacon 13 46-30-39.877N SG on pile.	15415	- Daybeacon 8	46-35-45.464N				TR on pile.	
123-58-37.865W 15425 - Daybeacon 11	Nahc							
123-57-40.981W 15430 - Daybeacon 12	15420	- LIGHT 10		FIR 4s	22	5	TR on pile.	
123-59-10.007W 15435 LONG ISLAND JUNCTION 46-32-08.867N FI (2+1)G 6s 17 5 JG on multi-pile structure. 15440 - Daybeacon 13 46-30-39.877N SG on pile.	15425	- Daybeacon 11					SG on pile.	
LIGHT 123-58-35.684W structure. 15440 - Daybeacon 13 46-30-39.877N SG on pile.	15430	- Daybeacon 12					TR on pile.	
·	15435			FI (2+1)G 6s	17	5		
	15440	- Daybeacon 13					SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WILL	APA BAY	\	WASHINGTON - Thirte	enth Distri	ict		
Nahc 15445	otta Channel NAHCOTTA MOORING	46-30-05.774N	FIR 4s	17	5	TR on pile.	
10440	BASIN LIGHT 2	124-01-25.733W	F1 K 45	17	3	TR on pile.	
15450	NAHCOTTA MOORING BASIN LIGHT 1	46-30-02.220N 124-01-29.106W	QG	15	4	SG on platform, on end of jetty.	
Stanl 15475	ey Channel - Daybeacon 2	46-31-14.212N				TP on pilo	
15475	- Daybeacon 2	123-58-35.179W				TR on pile.	
15480	- LIGHT 4	46-29-01.732N 123-57-55.233W	FIR 4s	17	5	TR on pile.	
15485	STANLEY POINT JUNCTION LIGHT	46-27-40.324N 123-56-14.612W	FI (2+1)R 6s	17	4	JR on pile.	
15487	Naselle River Highway Bridge Naselle River mile: 3.5	46-25-52.000N 123-54-12.000W				Fixed bridge.	
15490	Nemah River Channel Entrance Daybeacon 1	46-34-44.581N 123-57-06.208W				SG on pile.	
15491	Nemah River Channel Daybeacon 2	46-32-54.840N 123-56-54.240W				TR on pile.	Private aid.
15491.1	Nemah River Channel Daybeacon 3	46-32-54.240N 123-56-35.400W				SG on pile.	Private aid.
15491.2	Nemah River Channel Daybeacon 4	46-32-45.120N 123-56-39.600W				TR on pile.	Private aid.
15491.3	Nemah River Channel Daybeacon 6	46-32-40.380N 123-56-24.180W				TR on pile.	Private aid.
15491.4	Nemah River Channel Daybeacon 8	46-32-31.800N 123-56-15.600W				TR on pile.	Private aid.
15491.5	Nemah River Channel Daybeacon 10	46-32-24.660N 123-55-57.120W				TR on pile.	Private aid.
15491.6	Nemah River Channel Daybeacon 14	46-32-16.380N 123-55-22.140W				TR on pile.	Private aid.
15491.7	Nemah River Channel Daybeacon 16	46-32-14.460N 123-55-00.900W				TR on pile.	Private aid.
15491.8	Nemah River Channel Daybeacon 18	46-32-13.800N 123-54-43.680W				TR on pile.	Private aid.
15491.9	Nemah River Channel Daybeacon 20	46-32-08.460N 123-54-31.320W				TR on pile.	Private aid.
15492	Nemah River Channel Daybeacon 22	46-32-06.420N 123-54-20.220W				TR on pile.	Private aid.
-	Center Channel						
15495	- LIGHT 1	46-38-39.796N 123-59-24.799W	FI G 2.5s	24	4	SG on multi-pile structure.	
15500	- LIGHT 6	46-38-24.164N 123-58-20.253W	FIR 4s	21	5	TR on pile.	
15515	- LIGHT 11	46-38-53.205N 123-57-06.566W	FI G 4s	17	4	SG on pile.	
15520	- Daybeacon 13	46-38-24.840N 123-56-40.860W				SG on pile.	Private aid.
15522	Niawiakum River Channel Daybeacon A	46-38-14.580N 123-56-35.820W				JG on pile.	Private aid.
15525	PALIX RIVER LIGHT 15	46-37-53.740N 123-56-36.601W	FI G 4s	17	4	SG on pile.	
15528	- Daybeacon 16	46-37-48.240N 123-56-59.280W				TR on pile.	Private aid.
GRA	YS HARBOR - WESTHAVEN (CI	nart 18502)					
Gray : 15530 720	s Harbor - Light	46-53-17.597N 124-07-00.949W	AI WR 30s 0.1s W fl 14.9s ec. 0.1s R fl 14.9s ec.	123	W 20 R 18	White truncated octagonal pyramid tower, with green cupola and red roof, with ball topmark.	Lighted throughout 24 hours.
15533 718	Scripps Institute Wave Recorder Lighted Buoy 46211/036	46-51-24.240N 124-14-37.800W	FI (5)Y 20s			Yellow sphere shaped buoy.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
GRA	YS HARBOR - WESTHAVEN (Ch		VASHINGTON - Thir	teenth Distri	ct		
-	vs Harbor	46 E4 E4 900N	Ma (A) W		5	Dad and white	DACONI C ()
15535 725	- Approach Lighted Whistle Buoy GH	46-51-54.800N 124-14-25.636W	Mo (A) W		5	Red and white stripes.	RACON: G () AIS: MMSI 993692033 (21). No topmark will be shown on this aid as required by IALA standards due to weather.
15540	- BAR RANGE FRONT LIGHT	46-55-50.072N 124-09-33.429W	QR	32		KRB on skeleton tower.	Visible 1.5° each side of rangeline.
15545	 BAR RANGE REAR LIGHT 760 yards, 039.1° from front light. 	46-56-07.540N 124-09-12.684W	Iso R 6s	71		KRB on skeleton tower on multi-pile structure	Visible 1.5° each side of rangeline.
15550	- Entrance Lighted Whistle Buoy 2	46-52-43.559N 124-12-40.715W	FIR 4s		4	Red.	
15555	- Entrance Lighted Whistle Buoy 3	46-54-59.126N 124-14-19.071W	FI G 4s		4	Green.	
15560	- Entrance Lighted Whistle Buoy 4	46-53-40.532N 124-11-46.152W	FIR 4s		4	Red.	
15565	- Entrance Lighted Bell Buoy 5	46-54-49.573N 124-12-13.322W	FI G 2.5s		4	Green.	
15570	- Entrance Lighted Whistle Buoy 6	46-54-16.657N 124-11-09.739W	FI R 2.5s		4	Red.	
15571	- Entrance Lighted Whistle Buoy 8	46-54-27.342N 124-11-01.531W	QR		4	Red.	AIS: MMSI 993692049 (21).
15575	- Entrance Lighted Buoy 9	46-54-47.754N 124-09-47.691W	FI G 4s		4	Green.	
15585	POINT CHEHALIS RANGE FRONT LIGHT	46-54-30.710N 124-07-24.879W	FI R 2.5s	33		KRB on skeleton tower on multi-pile structure.	Visible 1.5° each side of rangeline.
15590	POINT CHEHALIS RANGE REAR LIGHT 348 yards, 092.8° from front light.	46-54-30.164N 124-07-08.673W	Iso R 6s	67		KRB on skeleton tower on multi-pile structure.	Visible 1.5° each side of rangeline.
15591	- South Jetty Sound Signal	46-54-21.008N 124-08-47.259W					Maintained from Jun. 1 to Oct. 1. HORN: 1 blast ev 15s (2s bl).
15595	- Channel Lighted Whistle Buoy 11	46-54-40.614N 124-08-24.763W	QG		4	Green.	
15600	- Channel Lighted Whistle Buoy 13	46-55-21.475N 124-07-28.920W	FI G 4s		4	Green.	
15610	- SOUTH REACH RANGE A FRONT LIGHT	46-55-12.775N 124-03-04.464W	FI R 2.5s	24		KRB on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.
15615	- SOUTH REACH RANGE A REAR LIGHT 734 yards, 092.3° from front light.	46-55-11.901N 124-02-32.786W	Iso R 6s	61		KRB on skeleton tower on multi-pile structure.	Visible 10° each side of rangeline.
15620	- South Reach Lighted Bell Buoy 14	46-55-14.109N 124-05-41.583W	QR		4	Red.	
15630	- South Reach Lighted Buoy 15A	46-55-20.768N 124-05-26.518W	FI G 4s		4	Green.	
15635	- SOUTH REACH LIGHT 16	46-55-07.733N 124-05-00.370W	FIR 4s	15	5	TR on pile.	
15640	- South Reach Lighted Buoy 17	46-55-17.338N 124-04-14.682W	FI G 4s		4	Green.	
15645	- South Reach Lighted Bell Buoy 18	46-55-10.841N 124-04-13.988W	FIR 4s		3	Red.	
15650	 SOUTH REACH LIGHT 20 155 yards outside the channel. 	46-55-07.300N 124-03-39.468W	QR	25	4	TR on multi-pile structure.	
15655	- South Reach Lighted Gong Buoy 21	46-55-17.569N 124-03-23.427W	QG		4	Green.	
15660	- South Reach Lighted Junction Buoy SC	46-55-18.789N 124-02-49.310W	FI (2+1)R 6s		4	Red and green bands.	
15675	- South Reach Buoy 23	46-55-35.339N 124-02-25.680W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
GRA	YS HARBOR - WESTHAVEN (Cr	nart 18502)	WASHINGTON - Thirt	teenth Distri	ict		
Gray 15680	ys Harbor - South Reach Lighted Buoy	46-55-33.497N	FIR 4s		3	Red.	
15695	24	124-01-53.689W	0.0		4	Croon	
	- North Channel Lighted Buoy 25	124-01-13.234W	QG			Green.	
15700	- North Channel Lighted Bell Buoy 26	46-56-12.381N 124-00-28.125W	FI R 2.5s		4	Red.	
15705	 North Channel Lighted Buoy 27 	46-56-28.984N 124-00-23.977W	FI G 2.5s		4	Green.	
15710	- North Channel Buoy 28	46-57-03.784N 123-59-26.501W				Red nun.	
15725	- North Channel Lighted Buoy 29		FI G 4s		4	Green.	
15728	- NORTH CHANNEL LIGHT 31	46-57-37.616N	FI G 2.5s	23	4	SG on multi-pile structure.	
	425 yards outside channel.	123-59-20.308W				structure.	
15730	- North Channel Lighted Buoy 30	46-57-29.418N 123-58-54.942W	QR		4	Red.	
15755	- North Channel Lighted Buoy 32	46-57-36.375N 123-58-41.556W	FI R 2.5s		3	Red.	
15758	- NORTH CHANNEL LIGHT 33	46-57-49.784N 123-58-31.379W	QG	23	4	SG on multi-pile structure.	
	200 yards outside the channel.						
15760	- North Channel Lighted Buoy 34	46-57-41.176N 123-57-57.889W	FIR 4s		4	Red.	
15762	- NORTH CHANNEL LIGHT F 945 yards outside the	46-58-14.993N 123-57-57.142W	FIY6s	24	4	NY on multi-pile structure.	
15765	channel.	46 EZ E2 OZEN	FI C 40		4	Croon	
15765	- North Channel Lighted Buoy 35	123-57-01.359W	FI G 4s		4	Green.	
15770	 North Channel Lighted Buoy 36 	46-57-52.943N 123-56-23.887W	FI R 2.5s		4	Red.	
15775	- North Channel Lighted Buoy 40	46-58-06.742N 123-55-23.471W	QR		4	Red.	
15785	- NORTH CHANNEL RANGE F FRONT LIGHT	46-58-11.505N 123-55-53.215W	Q W	22		KRB on skeleton tower, on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.
15790	- NORTH CHANNEL RANGE F REAR LIGHT 399 yards, 274.2° from front light.	46-58-12.345N 123-56-10.425W	Iso W 6s	45		KRB on skeleton tower, on multi-pile structure.	Visible 5.5° each side of rangeline.
15791	NORTH CHANNEL LIGHT4180 yards outside the	46-58-13.474N 123-55-05.767W	FI G 2.5s	20	4	SG on skelton tower on multi-pile structure.	
15793	channel. ABERDEEN TERMINAL 3	46-58-12.000N	FY			On pier.	Private aid.
15795	PIER LIGHT (2) - North Channel Lighted Buoy		FI R 2.5s		4	Red.	
15805	44 - NORTH CHANNEL LIGHT	123-54-09.866W 46-58-01.592N	FIR 4s	15	4	TR on multi-pile	
_	46	123-52-20.906W				structure.	
Cow 15810	Point - REACH RANGE G FRONT LIGHT	46-57-24.180N 123-50-16.688W	QW	21		KRB on skeleton tower, on multi-pile structure. On same structure as Aberdeen Range K Front Light.	Visible all around; higher intensity 1.5° each side of rangeline.
15815	- REACH RANGE G REAR LIGHT 636 yards, 120.1° from front light.	46-57-14.739N 123-49-52.885W	Iso W 6s	34		KRB on skeleton tower.	Visible 4° each side of rangeline.
15820	ABERDEEN TERMINAL 1 PIER LIGHTS (2)	46-57-54.000N 123-51-18.000W	FY	15		On pier.	Private aid.
15825	ABERDEEN TERMINAL 2 PIER LIGHTS (2)	46-57-48.000N 123-51-12.000W	FY	19		On pier.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
00.4	(O.U.A.D.D.O.D. W.E.O.T.U.A.V.E.V. (O.		WASHINGTON - Thir	teenth Distri	ct		
	/S HARBOR - WESTHAVEN (Ch s Harbor Point	iart 18502)					
15830	Cowpoint Turning Basin Daybeacon A	46-57-33.125N 123-51-03.087W				NR on pile.	
15835	Cowpoint Turn Basin Daybeacon B	46-57-30.640N 123-50-56.328W				NR on pile.	
15840	GRAYS HARBOR NORTH CHANNEL LIGHT 51	46-57-39.806N 123-50-47.097W	FI G 4s	15	4	SG on pile.	
15841	Grays Harbor North Channel Lighted Buoy 52	46-57-32.814N 123-50-48.788W	QR		4	Red.	
15842	Grays Harbor North Channel Lighted Buoy 54	46-57-32.702N 123-50-12.104W	FI R 2.5s		4	Red.	
15845	ABERDEEN TERMINAL 4 PIER LIGHTS (2)	46-57-39.000N 123-50-13.000W	FY	18		On pier.	Private aid.
15847.1	ABERDEEN PONTOON BASIN LIGHT A	46-57-43.522N 123-49-54.736W	FIY2s			NY on steel dolphin.	Private aid.
15847.2	ABERDEEN PONTOON BASIN LIGHT B	46-57-45.355N 123-49-56.226W	FIY2s			NY on steel dolphin.	Private aid.
15847.3	ABERDEEN PONTOON BASIN LIGHT C	46-57-46.859N 123-49-57.467W	FIY2s			NY on steel dolphin.	Private aid.
15847.4	ABERDEEN PONTOON BASIN LIGHT D	46-57-46.192N 123-49-54.691W	FIY2s			NY on steel dolphin.	Private aid.
15847.5	ABERDEEN PONTOON BASIN LIGHT E	46-57-45.638N 123-49-53.721W	FIY2s			NY on steel dolphin.	Private aid.
15850	- REACH RANGE H FRONT LIGHT	46-57-35.225N 123-49-24.441W	QR	31		KRB on skeleton tower, on multi-pile structure.	Visible 1.5° each side of rangeline.
5855	- REACH RANGE H REAR LIGHT 446 yards, 091.6° from front light.	46-57-34.852N 123-49-05.099W	Iso R 6s	43		KRB on skeleton tower.	Visible 1.5° each side of rangeline.
Abero 15870	leen - REACH RANGE K FRONT LIGHT	46-57-24.180N 123-50-16.688W	QW	21		KRB on skeleton tower, on multi-pile	Visible all around; higher intens 1.5° each side of rangeline.
						structure. On same structure as Cow Point Reach Range G Front Light.	, and the second
15875	- REACH RANGE K REAR LIGHT 978 yards, 231.8° from front light.	46-57-06.283N 123-50-49.927W	Iso W 6s	42		KRB on skeleton tower.	Visible 5.5° each side of range line.
5880	GRAYS HARBOR NORTH CHANNEL LIGHT 55	46-57-46.490N 123-49-42.453W	FI G 4s	15	4	SG on pile.	
5885	- HARBOR LIGHT 1	46-58-26.510N 123-48-22.814W	QG	20	4	SG on multi-pile structure.	
5897	Chehalis River Bridge Waterway mile: 0.1	46-58-20.000N 123-48-33.000W				Bascule Bridge	
5900	- HARBOR LIGHT 3	46-58-37.629N 123-47-39.609W	FI G 4s	20	4	SG on multi-pile structure.	
Grays 5925	B Harbor North Bay - Lighted Buoy 1	46-55-48.443N 124-05-51.786W	FI G 4s		4	Green.	
15930	- Buoy 2	46-56-02.694N 124-05-37.458W				Red nun.	
5935	- Buoy 4	46-56-32.335N 124-05-59.685W				Red nun.	
5940	DAMON POINT LIGHT	46-57-01.703N 124-06-20.864W	FIY4s	20	5	NY on multi-pile structure.	
0	Channal	.2. 33 20.00711				- -	
South 5950	n Channel GRAYS HARBOR SOUTH CHANNEL LIGHT 6	46-55-14.251N 124-01-58.391W	FI R 2.5s	16	4	TR on multi-pile structure.	
5955	JOHNS RIVER ENTRANCE LIGHT 8	46-55-22.176N 124-00-34.627W	FIR 4s	15	4	TR on pile.	
15960	Johns River Daybeacon 1	46-55-06.536N 124-00-06.626W				SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
GRAY	'S HARBOR - WESTHAVEN (Ch		WASHINGTON - Thir	teenth Distri	ict		
	Channel Johns River Daybeacon 3	46-54-51.733N				SG on pile.	
	•	123-59-58.864W				•	
15970	WEYERHAUSER OUTFALL LIGHTS (2)	46-57-24.000N 123-50-54.000W	FI Y 10s	12		On dolphins at end of submerged outfall pipe.	Private aid.
South 15980	Bay Channel Point Chehalis Outfall Daybeacon	46-54-30.600N 124-07-23.090W				NW "Pipe" on pile.	Private aid.
15981	Point Chehalis Lighted Buoy 2	46-54-53.864N 124-07-14.248W	QR		4	Red.	
15985	GRAYS HARBOR REGULATED NAVIGATION AREA WARNING SIGN (2)	46-54-08.014N 124-06-09.063W	QY	20		NW worded ROUGH BAR.	Lights flashing when bar is restricted to recreational and uninspected passenger vessels Contact the nearest US Coast Guard unit for further information Light oriented upstream.
15990	Point Chehalis Lighted Buoy 4	46-54-57.242N 124-06-51.501W	FIR 4s		4	Red.	
15995	POINT CHEHALIS LIGHT 6	46-54-44.626N 124-06-36.804W	FIR 4s	15	4	TR on pile on jetty.	
Westl 16001	naven - LIGHT 7	46-54-50.482N 124-06-27.219W	FI G 4s	17	4	SG on multi-pile structure.	
16005	- OUTER BREAKWATER NORTH LIGHT 8	46-54-38.236N 124-06-28.330W	FIR 4s	15	5	TR on pile, at end of breakwall.	
16010	- OUTER BREAKWATER SOUTH LIGHT 10	46-54-31.494N 124-06-25.459W	QR	15	4	TR on pile, at end of breakwall.	
16015	- SOUTH BREAKWATER LIGHT 11	46-54-32.210N 124-06-29.883W	FI G 4s	15	5	SG on pile, at end of breakwall.	
16020	- COVE SOUTHEAST ENTRANCE LIGHT 1	46-54-21.326N 124-06-05.427W	FI G 2.5s	16	4	SG on dolphin, at end of breakwall.	Light is obscured from 138.5° to 242.5°.
16025	- COVE SOUTHEAST ENTRANCE LIGHT 2	46-54-22.620N 124-06-02.539W	FI R 2.5s	15	4	TR on dolphin, at end of breakwall.	
	Bay Channel	40 54 04 040N				00	
16030	- Daybeacon 1	46-54-24.919N 124-05-40.460W				SG on pile.	Ra ref.
16035	- Daybeacon 4	46-53-54.944N 124-05-06.615W				TR on pile.	Ra ref.
16040	- Daybeacon 5	46-53-34.850N 124-04-42.627W				SG on pile.	Ra ref.
16045	- Daybeacon 6	46-53-07.877N 124-04-59.579W				TR on pile.	
16050	- Daybeacon 8	46-52-48.398N 124-05-01.491W				TR on pile.	
16055	- Daybeacon 10	46-52-31.096N 124-04-51.891W				TR on pile.	
16060	- Daybeacon 12	46-52-17.096N 124-04-44.841W				TR on pile.	
16065	- Daybeacon 14	46-52-06.230N 124-04-38.025W				TR on pile.	
16070	- Daybeacon 16	46-51-57.656N 124-04-25.227W				TR on pile.	
Hoqu 16071.1	iam River Burlington Northern Railroad Bridge Hoquiam River mile: 0.3	46-58-19.000N 123-52-35.000W				Swing bridge.	
16071.2	Simpson Avenue Bridge Hoquiam River mile: 0.5	46-58-32.000N 123-52-38.000W				Bascule bridge.	
16071.25	Obstruction Buoy Marks submerged obstruction.	46-58-40.752N 123-52-55.861W				White can with orange bands.	
16071.3	Riverside Bridge Hoquiam River mile: 0.9	46-58-47.000N 123-53-05.000W				Vertical lift bridge.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
GRAY	'S HARBOR - WESTHAVEN (Ch		WASHINGTON - Thirte	enth Distri	ict		
	iam River Burlington Northern Railroad Bridge Hoquiam River mile: 2.5	46-59-41.000N 123-53-02.000W				Swing bridge.	
Wishk 16072.1	caw River Puget Sound & Pacific Railroad Bridge Wishkaw River mile: 0.1	46-58-30.000N 123-48-36.000W				Swing bridge.	
16072.2	Heron Street Bridge Wishkaw River mile: 0.2	46-58-34.000N 123-48-40.000W				Swing bridge.	
16072.3	Wishkah Street Bridge Wishkah River mile: 0.4	46-58-38.000N 123-48-42.000W				Bascule bridge.	
	OACHES TO STRAIT OF JUAN	DE FUCA (Chart 18	3480)				
16075 740	- Approach Lighted Whistle Buoy Q	47-53-24.413N 124-39-57.165W	Mo (A) W		4	Red and white stripes.	No topmark will be shown on thi aid as required by IALA standards due to weather.
16080 745	JAMES ISLAND LIGHT	47-54-17.494N 124-38-50.936W	FI W 6s	150	9	White house.	Light is obscured from 068° to 101° and from 111° to 293°.
16085	- Entrance Lighted Buoy 2	47-53-55.790N 124-38-43.747W	FIR 4s		4	Red.	
16086	- ENTRANCE LIGHT 2A	47-54-21.014N 124-38-37.865W	FI R 2.5s	20	4	Red pile structure.	Due to weather conditions, the daymarks have been permanently removed from this aid.
16090	- SECTOR LIGHT	47-54-27.085N 124-38-40.632W	FWRG (G&R Sectors)	26		Skeleton tower, on multi-pile structure. On same structure as Quillayute River Entrance Light 3.	Lighted throughout 24 hours. Centerline bearing 002.75°. White visible 0.75° each side of centerline. Green visible from 003.5° to 004.5°. Red visible from 001.0° to 002.0°.
16095	- ENTRANCE LIGHT 3	47-54-27.085N 124-38-40.632W	FI G 4s	26	4	SG on skeleton tower, on multi-pile structure. On same structure as Quillayute River Sector Light.	Obscured from 340° to 238°.
16096	- Buoy 5	47-54-30.288N 124-38-31.596W				Green can.	Position shifted with changing conditions. Maintained from May 1 to Oct. 1.
16097	- Buoy 7	47-54-34.516N 124-38-23.676W				Green can.	Position shifted with changing conditions. Maintained from May 1 to Oct. 1.
16100	- REGULATED NAVIGATION AREA WARNING SIGN (2)	47-54-46.092N 124-38-08.724W	QY	34		NW worded ROUGH BAR.	Lights flashing when bar is restricted to recreational and uninspected passenger vessels. Contact the nearest US Coast Guard unit for further information
16105	- BOAT BASIN LIGHT 1	47-54-38.234N 124-38-16.745W	FI G 4s	13	4	SG on multi-pile structure.	
16110	- BOAT BASIN LIGHT 2	47-54-37.400N 124-38-17.249W	FIR 4s	13	3	TR on multi-pile structure.	
	IT OF JUAN DE FUCA ENTRAN	ICE (Chart 18460)					
Strait 16115	of Juan De Fuca University of Washington LaPush Research Lighted Buoy	47-58-00.000N 124-57-00.000W	FI (5)Y 20s			Yellow fiberglass buoy.	Physical AIS: MMSI 993662005 (21). Private aid.
16130 750	- Traffic Separation Lane V- AIS J	48-29-35.622N 125-00-00.152W					Virtual AIS: MMSI 993692200 (21).
16136 756	- Traffic Separation Lane Lighted Buoy JA	48-29-35.738N 124-43-37.779W	FI Y 2.5s		4	Yellow.	Aid maintained by National Oceanic and Atmospheric Administration.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
STR	AIT OF JUAN DE FUCA ENTRAN		ASHINGTON - Thirt	eenth Distri	ct		
Strai	t of Juan De Fuca		SINV 5	400	10	Marie and a second	
16140 770	Carmanah Point Light (C)	48-36-42.414N 124-45-04.866W	FI W 5s	182	19	White octagonal tower with red top.	
16145 760	Cape Flattery Light	48-23-31.183N 124-44-13.015W	FI (2)W 20s	112	14	On skeleton tower. 9	
6149 763	Duntze Rock V-AIS 2	48-24-48.435N 124-44-41.509W					Virtual AIS: MMSI 993692201 (21).
6155	WAADAH ISLAND LIGHT	48-23-05.767N 124-35-59.237W	FI W 4s	63	8	NR on concrete tower.	
16160	NEAH BAY LIGHT 2	48-22-41.436N 124-35-40.193W	FIR 6s	46	5	TR on skeleton tower.	Light obscured from 114° to 196°.
16162	NEAH BAY COAST GUARD BREAKWATER OBSTRUCTION LIGHT A	48-22-15.871N 124-36-04.443W	FIY6s	26	4	NY on breakwater.	
16163	NEAH BAY COAST GUARD BREAKWATER OBSTRUCTION LIGHT B	48-22-16.794N 124-36-07.458W	FIY4s	26	4	NY on breakwater.	
16165	NEAH BAY LIGHT 4	48-22-29.654N 124-36-01.325W	FI R 2.5s	16	4	TR on multi-pile structure.	
16166	NEAH BAY MARINA BREAKWATER OBSTRUCTION LIGHT A	48-22-05.540N 124-36-27.461W	FIY6s	22	4	NY on tower on breakwater.	
16167	NEAH BAY MARINA BREAKWATER OBSTRUCTION LIGHT B	48-22-09.062N 124-36-31.650W	FIY4s	18	4	NY on tower on breakwater.	
16168	NEAH BAY MARINA ENTRANCE LIGHT 1	48-22-10.040N 124-36-47.429W	QG	24	4	SG on tower on breakwater.	
16170	Neah Bay Entrance Lighted Bell Buoy 1	48-22-36.612N 124-35-15.613W	FI G 4s		4	Green.	
16175	Port San Juan Lighted Whistle Buoy YK (C)	48-32-04.214N 124-29-05.965W	Mo (A) W			Red and white vertical stripes.	
16185	Clallam Reef Lighted Buoy 1	48-16-06.222N 124-15-27.836W	FI G 4s		4	Green.	
16195	SHERINGHAM POINT LIGHT (C)	48-22-36.114N 123-55-15.965W	FI G 15s	64	9	White hexagonal tower.	
	AIT OF JUAN DE FUCA (Eastern	Part) (Chart 18465)					
Strai 16210	t of Juan De Fuca WHIFFIN SPIT LIGHT (C)	48-21-30.114N 123-42-41.365W	QW	22	7	White cylindrical tower with green band at top.	HORN: 1 blasts ev 30s (3s bl). Hom operated only on request to Victoria Coast Guard radio.
16215	Crescent Bay Bell Buoy 2	48-10-19.580N 123-43-34.670W				Red.	
16218	Scripps Institute Wave Recorder Lighted Buoy 46267/248	48-10-23.459N 123-36-18.781W	FI (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
16221	Race Rocks South Cautionary Lighted Buoy VF (C)	48-14-04.414N 123-31-58.765W	FI Y 4s			Yellow.	RACON: B ()
16222	- Traffic Separation Lane Lighted Buoy PA	48-12-57.312N 123-28-41.172W	FI Y 2.5s		5	Yellow.	
16223	Race Rocks East Cautionary Lighted Buoy VG (C)	48-16-04.414N 123-27-49.765W	FI Y 4s			Yellow.	
16224	- Lighted Buoy 4	48-09-47.764N 123-28-24.127W	FIR 4s		4	Red.	
16225	Race Rocks Light (C)	48-17-52.914N 123-31-53.165W	FI W 10s	118	19	Cylindrical tower with white and black horizontal bands.	HORN: 3 blast ev 60s (2s bl-3s si-2s bl-3s si-2s bl-48s si). Horn points 155°.
16235	Victoria Harbor Cautionary Lighted Buoy VH (C)	48-22-31.314N 123-23-33.765W	FIY4s		5	Yellow.	RACON: K ()
16245	FISGARD SECTOR LIGHT (C)	48-25-49.414N 123-26-51.265W	Iso W 2s (R Sector)	71	W R	White cylindrical tower.	Lighted throughout 24 hours. Re sector from 195° to 332°, white from 332° to 195°. Floodlit below balcony.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
STRA	AIT OF JUAN DE FUCA (Eastern		VASHINGTON - Thirtee	enth Distri	ict		
Strait	t of Juan De Fuca						
16250	OGDEN POINT BREAKWATER LIGHT (C)	48-24-48.614N 123-23-37.765W	QR	40	9	White tower with red band around bottom.	
16255	SCROGGS ROCKS LIGHT (C)	48-25-34.214N 123-26-19.865W	FIR 4s	20	5	White cylindrical tower with red band at top.	Ra ref.
16260	BROTCHIE LEDGE LIGHT (C)	48-24-23.214N 123-23-16.865W	FI G 4s	37	7	White cylindrical tower with green band at top.	
16265	Trial Islands Light (C)	48-23-42.314N 123-18-18.665W	FI G 5s	93	13	White cylindrical tower.	
16270 19685	Discovery Island Light (C)	48-25-28.514N 123-13-32.465W	FI W 5s	93	15	White cylindrical tower with red top.	
Ediz							
16280	- Light	48-08-24.050N 123-24-08.783W	FI G (2)W 10s 0.1s G fl 3.3s ec. 0.1s W fl 3.2s ec. 0.1s W fl 3.2s ec.	50	W 18 G 16	On skeleton tower. 50	HORN: 1 blast ev 30s (3s bl). HORN is activated by keying the mic 5 times on VHF-FM Channe 81A (157.075MHz). HORN will operate for 30 minutes.
16285	- Lighted Buoy 2	48-08-20.511N 123-23-57.815W	FI R 2.5s		4	Red.	
16290	Port Angeles Harbor Buoy 1	48-07-20.821N 123-24-31.032W				Green can.	
	t Guard Mooring	40.00.00.544N	ELV 4-	4.4	4	NDZ	
16291 16292	- BREAKWATER OBSTRUCTION LIGHT - BASIN LIGHT 1	48-08-22.514N 123-24-42.665W 48-08-21.974N	FI Y 4s FI G 4s	14 14	4	NY on concrete wall. SG on pier.	
.0202	BAONY EIGHT	123-24-46.145W	11010	• • •	•	oo on pior.	
16293	- BASIN LIGHT 2	48-08-21.398N 123-24-44.333W	FIR 4s	14	4	TR on concrete wall.	
16294	- BASIN LIGHT 3	48-08-22.760N 123-24-54.569W	FI G 2.5s	14	4	SG on dolphin.	
16295	- BASIN LIGHT 4	48-08-22.590N 123-24-52.176W	FI R 2.5s	17	3	TR on pier.	
	Angeles						
16308	- TERMINAL 2 LIGHT A	48-07-21.230N 123-25-49.731W	FIY 4s			On pier.	Private aid.
16309	- TERMINAL 2 LIGHT 2	48-07-20.794N 123-25-49.170W	FI R 2.5s			On pier.	Private aid.
16310	- TERMINAL 1 LIGHT A	48-07-32.000N 123-26-15.000W	FY			On mooring dolphin.	Private aid.
16311	- TERMINAL 1 LIGHT B	48-07-31.655N 123-26-18.097W	FY			On pier.	Private aid.
16312	- TERMINAL 1 LIGHT C	48-07-31.467N 123-26-18.027W	FY			On pier.	Private aid.
16313	- TERMINAL 1 LIGHT D	48-07-29.375N 123-26-23.472W	FY			On pier.	Private aid.
16314	- TERMINAL 1 LIGHT E	48-07-31.602N 123-26-18.878W	FY			On pier.	Private aid.
16315	- Boat Haven Lighted Buoy 3	48-07-42.679N 123-26-54.286W	FI G 4s		4	Green.	
16317	- TERMINAL 3 LIGHT A	48-07-30.087N 123-26-33.488W	QY			On pier.	Private aid.
16318	- TERMINAL 3 LIGHT B	48-07-31.919N 123-26-39.962W	QY			On pier.	Private aid.
16320	- BOAT HAVEN ENTRANCE LIGHT 2	48-07-34.729N 123-27-09.767W	FIR 4s			On dolphin.	Private aid.
16325	- BOAT HAVEN ENTRANCE LIGHT 1	48-07-35.765N 123-27-08.225W	FI G 4s			On breakwater.	Private aid.
16330	- BOAT HAVEN MAST LIGHT	48-07-34.136N 123-27-06.699W	FI W 2.5s			On mast.	Private aid.
16333	- TERMINAL 7 LIGHT A	48-07-41.526N 123-27-18.150W	QY			On dolphin.	Private aid.
16334	RAYONIER PIER LIGHT A	48-07-14.243N 123-24-28.534W	FIY6s			Light on pier corner.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CTDA	IT OF ILIAN DE FLICA (Footown		VASHINGTON - Thirt	enth Distri	ct		
Strait	IT OF JUAN DE FUCA (Eastern of Juan De Fuca Angeles	Party (Chart 16465)					
16334.5	RAYONIER PIER LIGHT B	48-07-13.966N 123-24-25.301W	FI Y 6s			Light on corner of pier.	Private aid.
Strait 16335	of Juan De Fuca New Dungeness Light	48-10-54.298N 123-06-37.001W	FI W 5s 0.1s fl 4.9s ec.	67	18	White conical tower on dwelling.	
16337	NOAA Environmental Lighted Buoy 46088	48-19-56.324N 123-10-44.157W	FI (4)Y 20s		4	Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
16340	Rosario Strait Traffic Separation Lane Entrance Lighted Buoy R	48-16-25.356N 123-06-34.708W	FI Y 2.5s		5	Yellow.	
16345	Puget Sound Traffic Separation Lane Entrance Lighted Buoy S	48-12-21.353N 123-06-34.705W	FI Y 2.5s		5	Yellow.	
16355	New Dungeness Sand Spit Lighted Buoy 2	48-11-32.352N 123-05-40.703W	FIR 4s		4	Red.	
16362	Hein Bank Lighted Buoy 1	48-22-01.456N 123-02-11.219W	FI G 6s		4	Green.	RACON: K () AIS: MMSI 993692248 (21).
16365	Salmon Bank Lighted Gong Buoy 3	48-25-36.018N 122-58-36.792W	FI G 4s		4	Green.	
16370	Rosario Strait Traffic Separation Lane Lighted Buoy RA	48-19-46.877N 122-58-37.743W	FI Y 2.5s		5	Yellow.	AIS: MMSI 993692249 (21).
16375	Smith Island Light	48-19-14.383N 122-49-51.514W	FI W 10s	55	14	NB on skeleton tower, on mulit-pile structure. 50	Light is obscured from 068° to 084°.
16390	Partridge Bank Lighted Buoy 1	48-15-23.679N 122-49-56.282W	FI G 4s		5	Green.	
16395	Point Partridge Lighted Bell Buoy 5	48-13-14.868N 122-46-59.687W	FI G 4s		4	Green.	
16400	Point Partridge Light	48-13-28.773N 122-46-10.009W	FI W 5s	105	13	NB on skeleton tower. 20	
16405	Puget Sound Traffic Separation Lane Lighted Buoy SA	48-11-26.009N 122-49-48.336W	FI Y 2.5s		5	Yellow.	AIS: MMSI 993692051 (21).
	COACHES TO ADMIRALTY INLE	T (Chart 18471)					
Sequ i 16410	im Bay - ENTRANCE LIGHT 2	48-05-03.753N 123-01-48.701W	FIR 4s	15	4	TR on multi-pile structure.	
16415	- Entrance Daybeacon 4	48-04-59.084N 123-02-14.538W				TR on multi-pile structure.	
16421	- Daybeacon 5	48-04-36.771N 123-02-35.829W				SG on pile.	
16426	- Daybeacon 7	48-04-28.567N 123-02-34.916W				SG on pile.	
16431	- Daybeacon 9	48-04-15.063N 123-02-22.102W				SG on pile.	
16436	- Daybeacon 10	48-04-14.149N 123-02-35.620W				TR on pile.	
16445	JOHN WAYNE MARINA LIGHT 2	48-03-54.403N 123-02-26.462W	FI R 2.5s			TR on north breakwater.	Private aid.
16450	JOHN WAYNE MARINA LIGHT 1	48-03-52.286N 123-02-24.802W	FI G 2.5s			SG on south breakwater.	Private aid.
	of Juan De Fuca						
16465	McCurdy Point Buoy 4	48-08-41.776N 122-50-40.083W				Red nun.	
16470	Point Wilson Lighted Buoy 6	48-09-11.009N 122-45-37.699W	FIR 4s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ΔDM	IIRALTY INLET AND PUGET SO		VASHINGTON - Thirted	enth Distri	ict		
	iralty Inlet	SND TO SLATTLE (Shart 10441)				
16475	Point Wilson Light	48-08-38.984N 122-45-17.261W	AI WR 10s 0.7s R fl 4.3s ec. 0.7s W fl 4.3s ec.	51	W 18 R 15	White octagonal tower with a black roof, on top of a white building with a red roof. 49	
16480	KEYSTONE HARBOR ENTRANCE LIGHT 1	48-09-21.000N 122-40-22.200W	FI G 4s			On piling.	Private aid.
16485	KEYSTONE HARBOR ENTRANCE LIGHT 2	48-09-23.567N 122-40-16.144W	FIR 4s	13	5	TR on platform on breakwater.	
16487	COUPEVILLE FERRY TERMINAL DOLPHIN LIGHT	48-09-30.455N 122-40-22.267W	FIY 10s			On steel dolphin.	HORN: 1bl ev 20s (10s bl) Private aid.
16490 17520	Point Hudson Spit Lighted Bell Buoy 2	48-07-27.437N 122-44-39.867W	FIR 4s		4	Red.	
16495 17525	POINT HUDSON LIGHT 4	48-07-02.022N 122-44-57.245W	FI R 2.5s	35	5	TR on pile on shore.	
16500	MARROWSTONE POINT LIGHT	48-06-05.813N 122-41-16.546W	FI W 6s	28	7	White square structure.	
16502	Puget Sound Traffic Separation Lane V-AIS SB	48-06-47.031N 122-39-40.492W					Virtual AIS: MMSI 993692022 (21).
16505	BUSH POINT LIGHT	48-01-51.105N 122-36-25.426W	FI W 2.5s	25	7	White pyramidal building.	
16510	Puget Sound Traffic Separation Lane Lighted Buoy SC	48-01-48.989N 122-38-11.169W	FI Y 2.5s		5	Yellow.	May be submerged during periods of extreme current.
16515 17700	COLVOS ROCKS LIGHT	47-57-07.423N 122-40-15.766W	FI W 4s	34	6	NB on skeleton tower.	
16520	DOUBLE BLUFF LIGHT	47-58-03.026N 122-32-46.641W	FI W 4s	60	6	NG on skeleton tower.	
16525	Double Bluff Lighted Buoy 1	47-57-58.448N 122-33-16.333W	FI G 4s		4	Green.	
16530	Puget Sound Traffic Separation Lane Lighted Buoy SD	47-57-52.347N 122-34-46.609W	FI Y 2.5s		5	Yellow.	
16535	Foulweather Bluff Lighted Bell Buoy 2	47-56-50.037N 122-36-05.983W	FIR 4s		4	Red.	
16536	MACKIE PARK OUTFALL PIPE LIGHT	47-56-25.995N 122-26-49.151W	FI W 4s			NW on steel pipe pile.	Private aid.
16537	MAXWELTON OUTFALL PIPE LIGHT	47-56-12.232N 122-26-52.650W	FI W 4s			NW on steel pipe.	Private aid.
16540	Puget Sound Traffic Separation Lane Lighted Buoy SE	47-55-24.415N 122-29-31.436W	FI Y 2.5s		5	Yellow.	
16545	SKUNK BAY LIGHT	47-55-09.300N 122-34-11.316W	FR			White octagonal tower.	Private aid.
Puge 16550	et Sound Point No Point Light	47-54-43.800N	FI (3)W 10s	27	14	Black octagonal	
10000	romeno rome zigne	122-31-36.592W	0.1s fl 1.9s ec. 0.1s fl 1.9s ec. 0.1s fl 5.9s ec.			tower atop a white building.	
16555	Scatchet Head Lighted Gong Buoy 1	47-54-29.756N 122-26-17.369W	FI G 6s		5	Green.	
16560 18455	Possession Point Lighted Bell Buoy 1	47-53-48.558N 122-23-07.460W	FI G 4s		4	Green.	
	us Bay						
16583	- ENTRANCE LIGHT 1	47-54-28.620N 122-24-08.400W	FI G 4s			SG on pile.	Private aid.
16585	- ENTRANCE LIGHT 2	47-54-28.200N 122-24-04.800W	FIR 4s			TR on pile.	Private aid.
16587	- Daybeacon 5	47-54-30.600N 122-24-01.200W				SG on pile.	Private aid.
16590	- Daybeacon 6	47-54-34.200N 122-24-00.600W				TR on pile.	Private aid.
16595	- Daybeacon 7	47-54-36.600N 122-23-57.600W				SG on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ADM	NIDAL TV INI ET AND DUCET SOL		WASHINGTON - Third	teenth Distri	ct		
	IIRALTY INLET AND PUGET SOI us Bay	JND TO SEATTLE (Chart 10441)				
16598	- Daybeacon 8	47-54-39.600N 122-23-56.400W				TR on pile.	Private aid.
16600	- Daybeacon 9	47-54-44.400N 122-23-54.600W				SG on pile.	Private aid.
16605	- Daybeacon 10	47-54-45.000N 122-23-52.200W				TR on pile.	Private aid.
16610	- Daybeacon 11	47-54-47.400N 122-23-52.200W				SG on pile.	Private aid.
16620	- Daybeacon 13	47-54-51.000N 122-23-49.800W				SG on pile.	Private aid.
16625	- Daybeacon 14	47-54-51.000N 122-23-49.200W				TR on pile.	Private aid.
16630	- Daybeacon 15	47-54-55.800N 122-23-47.400W				SG on pile.	Private aid.
16633	- Daybeacon 16	47-54-55.800N 122-23-46.200W				TR on pile.	Private aid.
16640	- Daybeacon 18	47-55-00.600N 122-23-43.800W				TR on pile.	Private aid.
16645	- CHANNEL LIGHT 19	47-55-08.520N 122-23-40.920W	FI G 2s			SG on pile.	Private aid.
16650	- CHANNEL LIGHT 20	47-55-08.820N 122-23-39.000W	FIR 2s			TR on pile.	Private aid.
16655	- Daybeacon 21	47-55-11.400N 122-23-37.200W				SG on pile.	Private aid.
16660	- Daybeacon 22	47-55-11.200N 122-23-33.400W				TR on pile.	Private aid.
16665	- Daybeacon 23	47-55-11.400N 122-23-31.800W				SG on pile.	Private aid.
PUG	ET SOUND - Apple Cove to Key	port (Chart 18446)					
_	et Sound	47-48-53.599N	FI W 4s	18	6	ND on multi nilo	
16675	APPLE COVE POINT LIGHT	122-28-54.796W	FI VV 45	10	O	NB on multi-pile structure.	
16690	Edmonds Underwater Park Buoys (2)	47-48-54.000N 122-23-06.000W				White cans with orange bands near top and at waterline worded WARNING UNDERWATER PARK, BOATS KEEEP CLEAR.	Private aid.
16700	Edmonds Storm Sewer Outfall Daybeacon	47-48-24.000N 122-23-42.000W				White daymark worded DANGER END OF PIPE on pipe.	Private aid.
16705	EDMONDS SOUTH BREAKWATER LIGHT	47-48-25.000N 122-23-43.000W	FIY4s	18		On multi-pile structure.	Private aid.
16710	EDMONDS SMALL BOAT HARBOR ENTRANCE LIGHT 1	47-48-31.000N 122-23-30.000W	FI G 4s	18		SG on dolphin.	Private aid.
16715	EDMONDS SMALL BOAT HARBOR ENTRANCE LIGHT 2	47-48-33.000N 122-23-25.000W	FIR 4s	19		TR on pedestal.	Private aid.
16718	EDMONDS FERRY TERMINAL DOLPHIN LIGHT A	47-48-48.475N 122-23-12.254W	FIY 10s			On steel dolphin.	HORN: 1bl ev 14s (10s bl). Private aid.
16719	EDMONDS FERRY TERMINAL DOLPHIN LIGHT B	47-48-50.073N 122-23-11.341W	FIY 10s			On steel dolphin.	Private aid.
16720	Edmonds Fishing Reef Buoys (2)	47-48-42.000N 122-23-18.000W				White cans with orange bands and diamond.	Private aid.
16726	KINGSTON FERRY TERMINAL DOLPHIN LIGHT A	47-47-38.379N 122-29-38.346W	FIY 10s			On steel dolphin.	SIREN: 1 bl ev 12s (5s bl). Private aid.
16727	KINGSTON FERRY	47-47-39.933N 122-29-36.783W	FIY 10s			On steel dolphin.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PUGE	ET SOUND - Apple Cove to Key		WASHINGTON - Thirte	enth Distri	ict		
Puge 16728	t Sound KINGSTON FERRY TERMINAL DOLPHIN LIGHT	47-47-41.209N 122-29-35.804W	FIY 10s			On steel dolphin.	Private aid.
16730	C KINGSTON SMALL BOAT HARBOR LIGHT 2	47-47-36.891N 122-29-55.144W	FIR 4s	13	4	TR on pole, on breakwater.	
16732	Kingston Small Boat Harbor Buoy 4	47-47-36.344N 122-29-55.986W				Red nun.	Private aid.
16733	Kingston Small Boat Harbor Daybeacon 3	47-47-37.116N 122-29-58.427W				SG on steel I- Beam piling.	Private aid.
16733.5	Kingston Outfall Pipe Warning Daybeacon	47-47-37.116N 122-29-58.427W				NW on steel I- Beam piling.	Private aid.
16734	Kingston Small Boat Harbor Buoy 5	47-47-41.171N 122-29-59.593W				Green can.	Private aid.
16745	- Traffic Separation Lane Lighted Buoy SF	47-45-54.532N 122-26-15.447W	FI Y 2.5s		5	Yellow.	RACON: G ()
16755	Richmond Beach Research Lighted Buoy	47-45-40.560N 122-23-49.980W	FIY4s			Yellow.	Private aid.
16765	Meadow Point Lighted Buoy 1	47-41-46.566N 122-24-34.633W	FI G 4s		4	Green.	
16770	SHILSHOLE BAY BOAT BASIN LIGHT 2	47-41-15.646N 122-24-17.761W	FI R 2.5s	28	5	TR on pile, on jetty.	
16775	GOLDEN GARDENS BOAT RAMP PIER LIGHT	47-41-13.869N 122-24-16.041W	FY			On pier.	Private aid.
16790 18140	SHILSHOLE BAY BREAKWATER LIGHT 3	47-40-38.009N 122-24-43.363W	FI G 4s	29	5	SG on pile, on breakwater.	
16800	West Point Light	47-39-43.096N 122-26-08.593W	Al WR 10s 0.1s W fl 4.9s ec. 0.1s R fl 4.9s ec.	27	W 17 R 15	White octagonal cupola with red roof, on top of white square building.	HORN: 1 bl ev 10s (1s bl). HORN is activated by keying the mic 5 times on VHF-FM Channe 81A (157.0575 MHz). HORN will operate for 30 minutes.
16805	West Point Lighted Buoy 1	47-39-36.696N 122-26-28.375W	FI G 4s		4	Green.	
	ET SOUND - Seattle to Bremerto						
Puge 16810	t Sound FOURMILE ROCK LIGHT 1	47-38-20.454N 122-24-48.625W	FI G 6s	15	6	SG on skeleton tower on rock.	
16815	- Traffic Separation Lane Lighted Buoy SG	47-39-41.106N 122-27-52.317W	FI Y 2.5s		5	Yellow.	AIS: MMSI 993692050 (21).
16820	Wing Point Reef Buoy 2	47-36-44.226N 122-29-08.517W				Red nun.	
16825	TYEE SHOAL JUNCTION LIGHT	47-36-34.637N 122-29-15.342W	FI (2+1)R 6s	15	6	JR on multi-pile structure.	
16830	BLAKELY ROCK LIGHT	47-35-39.987N 122-28-49.610W	FI W 4s	16	5	NB on basket on rock	
16832	Blakely Harbor No Wake Buoy A	47-35-44.769N 122-30-02.002W				White and orange can.	Private aid.
16833	Blakely Harbor No Wake Buoy B	47-35-42.799N 122-30-02.002W				White and orange can.	Private aid.
16835	Decatur Reef Lighted Buoy 2	47-34-56.146N 122-28-33.601W	FIR 6s		4	Red.	
Elliot		47 27 42 000N	FLC 10a				Drivete aid
16837	- MARINA WEST ENTRANCE LIGHT 1	47-37-42.000N 122-23-48.000W	FI G 10s				Private aid.
16837.1	- MARINA WEST ENTRANCE LIGHT 2	47-37-42.000N 122-23-48.000W	FIR 10s				Private aid.
16838	- MARINA BREAKWATER LIGHT A	47-37-48.000N 122-23-48.000W	FIY 10s				Private aid.
16838.1	- MARINA BREAKWATER LIGHT B	47-37-42.000N 122-23-48.000W	FI Y 10s				Private aid.
16838.2	- MARINA BREAKWATER LIGHT C	47-37-36.000N 122-23-18.000W	FIY 10s				Private aid.
16838.3	- MARINA BREAKWATER LIGHT D	47-37-42.000N 122-23-18.000W	FIY 10s				Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PUGE	ET SOUND - Seattle to Bremerto	on (Chart 18449)	WASHINGTON - Thir	teenth Distri	ict		
Elliot 16839	t Bay - MARINA EAST ENTRANCE LIGHT 1	47-37-36.000N 122-23-12.000W	FI G 10s				Private aid.
16839.1	- MARINA EAST ENTRANCE LIGHT 2		FIR 10s				Private aid.
16840	Smith Cove Lighted Buoy 1	47-37-37.429N 122-23-06.556W	FI G 4s			Green	Private aid.
16845	Smith Cove Lighted Buoy 3	47-37-42.488N 122-23-04.529W	FI G 4s			Green	Private aid.
16847	- Fish Haven Buoy A	47-37-32.100N 122-22-31.620W				White can with orange bands near top and waterline, orange diamond with center cross worded FISHING REEF.	Ra ref. Private aid.
16848	- Fish Haven Buoy B	47-37-30.060N 122-22-24.480W				White can with orange bands near top and waterline, orange diamond with center cross worded FISHING REEF.	Ra ref. Private aid.
16851	- FISH PEN LIGHT A	47-37-20.705N 122-22-04.213W	FIY6s			Floating fish pen.	Private aid.
16852	- FISH PEN LIGHT B	47-37-19.689N 122-22-02.784W	FIY6s			Floating fish pen.	Private aid.
16852.5	SHIPMATES LIGHT	47-37-14.963N 122-21-49.276W	FI W 2.5s			In Myrtle Edwards Park.	Private aid.
16853	Pier 57 Ferris Wheel Warning Lighted Buoy A	47-36-22.092N 122-20-34.333W	FI W 4s			White with orange markings.	Private aid.
16854	Pier 57 Ferris Wheel Warning Lighted Buoy B	47-36-21.468N 122-20-33.896W	FI W 4s			White with orange markings.	Private aid.
16855	COLMAN FERRY TERMINAL NORTH DOLPHIN LIGHTS (2)	47-36-09.709N 122-20-27.308W	FIY 10s			On floating dolphin.	SIREN: 2 blasts ev 15s (1s bl-1s si-3s bl-10s si). Fog light 36 feet above water, F W exhibited when sound signal is in operation on building. Private aid.
16856	COLMAN FERRY TERMINAL SOUTH DOLPHIN LIGHTS (2)		FIY 10s			On floating dolphin.	Private aid.
16860	EAST WATERWAY PIER LIGHT	47-35-28.000N 122-20-48.000W	FIR 4s	12			Private aid.
Duwa 16870.1	mish Waterway Spokane Street Bridge Duwamish West Waterway mile: 0.3	47-34-17.000N 122-21-14.000W				Swing bridge.	
16870.2	West Seattle Freeway Bridge Duwamish West Waterway mile: 0.35	47-34-15.000N 122-21-12.000W				Fixed bridge.	
16870.3	- Railroad Bridge Duwamish Waterway mile: 0.4	47-34-12.000N 122-21-07.000W				Bascule bridge.	
16880	GEORGETOWN REACH RANGE FRONT LIGHT	47-32-33.000N 122-20-05.000W	QR			KRB on pile.	Visible 4 deg each side of rangeline. Private aid.
16885	GEORGETOWN REACH RANGE REAR LIGHT	47-32-25.000N 122-20-06.000W	Iso R 6s			KRB on pile.	Visible 4 deg each side of rangeline. Private aid.
16887	1st Avenue South Highway Twin Bridge Duwamish Waterway mile: 2.5	47-32-32.000N 122-20-04.000W				Bascule bridge.	
16888	South Park Street Bridge Duwamish Waterway mile: 3.8	47-31-45.000N 122-18-51.000W				Bascule bridge.	
Elliot	= -					_	
16890	PIER 15 1/2 BARGE SLIP LIGHT A	47-35-18.000N 122-21-04.000W	FI Y 4s			On multi-pile dolphin.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PUGI	ET SOUND - Seattle to Bremerto		VASHINGTON - Thirt	eenth Distri	ct		
Elliot 6895	t Bay PIER 15 1/2 BARGE SLIP LIGHT 2	47-35-18.000N 122-21-06.900W	FIR 4s			On multi-pile dolphin.	Private aid.
6896	- NET PILING WARNING LIGHT A	47-35-10.960N 122-21-50.010W	FIY4s			NY on steel pile.	Private aid.
6897	- NET PILING WARNING LIGHT B	47-35-08.978N 122-21-50.010W	FIY4s			NY on steel pile.	Private aid.
6898	- NET PILING WARNING LIGHT C	47-35-08.829N 122-21-53.735W	FIY4s			NY on steel pile.	Private aid.
899	- NET PILING WARNING LIGHT D	47-35-05.990N 122-21-56.141W	FIY4s			NY on steel pile.	Private aid.
8900	ALASKA HYDRO-TRAIN LIGHT A	47-35-00.000N 122-22-18.000W	FIY4s	14		On dolphin.	Private aid.
8905	ALASKA HYDRO-TRAIN LIGHT B	47-35-06.000N 122-22-12.000W	FIR 4s	8		On dolphin.	Private aid.
6906	Seacrest Warning Buoy A	47-35-16.500N 122-22-38.940W				White can with orange markings worded WARNING WATCH FOR DIVERS	Private aid.
6907	Seacrest Warning Buoy B	47-35-20.040N 122-22-43.680W				White can with orange markings worded WARNING WATCH FOR DIVERS	Private aid.
6908	Seacrest Warning Buoy C	47-35-25.560N 122-22-51.300W				White can with orange markings worded WARNING WATCH FOR DIVERS	Private aid.
6910	Duwamish Head Light	47-35-55.869N 122-23-16.527W	FI W 2.5s	25	10	NB on skeleton tower, on multi-pile structure. 25	Obscured from 324° to 045
East 6915	Passage Alki Point Light	47-34-34.597N	FI W 5s	39	16	White octagonal	
J913	AINT OILL LIGHT	122-25-14.045W	0.1s fl 4.9s ec.	33	10	tower with a gray cupola and red roof, attached to square white building.	
6917	Point Williams Research Lighted Buoy	47-32-13.790N 122-24-22.020W	FI Y 4s			Yellow foam buoy.	Private aid.
	ET SOUND - Seattle to Olympia	(Chart 18448)					
6920	Passage Puget Sound Traffic Separation Lane Lighted Buoy T	47-34-33.367N 122-27-04.530W	FI Y 2.5s		5	Yellow.	
Blake	slsland						
6925	- LIGHT 1	47-32-39.000N 122-28-51.000W	FI G 4s	11		SG on pile structure.	Private aid.
6930	- Daybeacon 2	47-32-40.000N 122-28-54.000W				TR on pile.	Private aid.
6935	- Daybeacon 3	47-32-38.000N 122-28-53.000W				SG on pile.	Private aid.
6940	- Daybeacon 4	47-32-38.000N 122-28-56.000W				TR on pile.	Private aid.
6945	- Daybeacon 5	47-32-37.000N 122-28-55.000W				SG on pile.	Private aid.
6950	- Daybeacon 6	47-32-36.000N 122-28-57.000W				TR on pile.	Private aid.
6955	- EAST LIGHT	47-32-27.386N	FI W 4s	18	6	NB on skeleton tower.	
3933		122-28-51.351W				lower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PUG	ET SOUND - Seattle to Olympia		WASHINGTON - Thirtee	enth Distri	ict		
East 16972	Passage Vashon Island Warning Rock Daybeacon	47-30-23.000N 122-27-27.000W				NW on pipe worded ROCK.	Private aid.
16974	East Vashon Outfall Pipe Lighted Buoy	47-27-11.256N 122-26-18.994W	FI W 6s			Orange and white buoy.	Private aid.
16975	Puget Sound Traffic Separation Lane Lighted Buoy TA	47-26-52.370N 122-24-16.518W	FI Y 2.5s		5	Yellow.	AIS: MMSI 993692021 (21).
16980	Three Tree Point Light	47-27-02.458N 122-22-57.346W	FI W 2s 0.1s W fl 1.9s ec.	28	12	On basket on steel pile. 17	HORN: 1 blast ev 15s (2s bl). HORN is activated by keying the mic 5 times on VHF-FM Channe 83A (157.175MHz). HORN will operate for 30 minutes.
	e Tree Point Yacht Club	47-26-52.800N				White oper busy	Private aid.
17020	- Racing Buoy C	122-22-51.000W				White spar buoy.	Filvate alu.
17025	- Racing Buoy A	47-23-48.000N 122-19-58.800W				White spar buoy.	Private aid.
17030	- Racing Buoy I	47-23-11.400N 122-20-01.800W				White spar buoy.	Private aid.
17035	- Racing Buoy L	47-24-46.200N 122-20-48.000W				White spar buoy.	Private aid.
17040	- Racing Buoy K	47-24-14.400N 122-20-13.200W				White spar buoy.	Private aid.
	Moines Marina						
17044	- Lighted Buoy 1	47-24-05.000N 122-20-05.000W	FI G 2.5s			Green.	Private aid.
17045	- LIGHT 3	47-24-07.000N 122-19-59.000W	FI G 4s			On pier.	Private aid.
17050	- LIGHT A	47-24-08.000N 122-19-55.000W	FY			On pier.	Private aid.
17055	- LIGHT 4	47-24-06.000N 122-19-54.000W	FIR 4s			TR on breakwater.	Private aid.
17060	- LIGHT B	47-24-06.000N 122-19-48.000W	FY			On pier.	Private aid.
17065	DES MOINES BREAKWATER OBSTRUCTION LIGHT C	47-23-48.000N 122-19-54.000W	FIY6s			NY on breakwater.	Private aid.
East	Passage						
17070	ROBINSON POINT LIGHT	47-23-17.293N 122-22-27.868W	FI (2)W 12s 1.0s fl, 1.0s ec., 1.0s fl, 9.0s ec.	40	9	On pedestal outside of cupola. White octagonal tower with red roof, attached to white square building.	HORN: 1 blast ev 30s (3s bl). HORN is activated by keying the mic 5 times on VHF-FM Channe 81A (157.075MHz). HORN will operate for 30 minutes.
17075	Puget Sound Traffic Separation Lane Lighted Buoy TB	47-23-06.372N 122-21-12.509W	FI Y 2.5s		5	Yellow.	
17077	Three Tree Point Yacht Club Racing Buoy J	47-22-58.200N 122-22-36.000W				White spar buoy.	Private aid.
17080	Saltwater State Park Buoy Marks fish haven.	47-22-24.000N 122-19-36.000W				White with orange bands.	Private aid.
17085	Puget Sound Traffic Separation Lane Lighted Buoy TC	47-19-29.370N 122-27-23.514W	FI Y 2.5s		5	Yellow.	
17090	Browns Point Light	47-18-21.292N 122-26-39.413W	FI W 5s 0.5s fl 4.5s ec.	38	14	White concrete tower.	Light obscured from 217° to 002°.
17095	Quartermaster Harbor Shoal Buoy 2	47-20-56.269N 122-28-46.319W				Red nun.	
Colv	os Passage						
17098	VASHON FERRY TERMINAL LIGHT A	47-30-41.594N 122-27-48.618W	FIY 10s			On steel dolphin.	Private aid.
17099	VASHON FERRY TERMINAL LIGHT B	47-30-41.368N 122-27-51.073W	FIY 10s			On steel dolphin.	SIREN: 1bl ev 20s (10s bl) Private aid.
17100	POINT VASHON LIGHT	47-30-49.281N 122-28-23.439W	FI W 4s	17	7	NB on multi-pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PUGE	ET SOUND - Seattle to Olympia		WASHINGTON - Thir	teenth Distri	ict		
Colvo 17101	os Passage SOUTHWORTH FERRY TERMINAL DOLPHIN LIGHT	47-30-48.748N 122-29-44.094W	FI Y 6s			On steel dolphin.	SIREN: 1bl ev 25s (5s bl) Private aid.
17102	A SOUTHWORTH FERRY TERMINAL DOLPHIN LIGHT	47-30-48.113N 122-29-41.883W	FI Y 6s			On steel dolphin.	Private aid.
17105	B - LIGHT 3	47-27-42.015N 122-30-34.323W	FI G 6s	15	4	SG on multi-pile structure.	
17110	- LIGHT 4	47-25-48.125N 122-31-53.254W	FIR 6s	15	4	TR on multi-pile structure.	
17115	- LIGHT 5	47-23-49.033N 122-31-40.853W	FI G 4s	17	4	SG on multi-pile structure.	
17120	- LIGHT 6	47-22-36.674N 122-32-18.018W	FIR 4s	15	4	TR on multi-pile structure.	Light obscured from 022° to 153°.
17121	Ruston Way Outfall Lighted Buoy	47-17-14.000N 122-29-03.000W	FIY4s			Yellow.	Private aid.
Taco i 17125	ma Harbor THEA FOSS WATERWAY	47-15-42.015N	FI W 6s	23	7	On multi-pile	
	LIGHT	122-26-11.343W	11 03	20	,	structure.	
17125.5	South 11th Street Bridge Thea Foss Waterway mile: 0.6	47-15-14.000N 122-26-00.000W				Vertical lift bridge.	
17126	- Regulatory Buoys (3)	47-15-49.319N 122-26-10.483W				White with orange bands.	Private aid.
17131	Commencement Bay Shoal Lighted Buoy A	47-16-22.107N 122-25-57.734W	FIY4s		4	Yellow.	
17136	PORT OF TACOMA TERMINAL #8 LIGHT A	47-16-14.520N 122-25-14.520W	QY	16		On Dolphin.	Private aid.
17137	PORT OF TACOMA TERMINAL #8 LIGHT B	47-16-13.440N 122-25-12.480W	QY	16		On corner of Pier.	Private aid.
17140	SITCUM WATERWAY LIGHT	47-16-18.000N 122-25-06.000W	FY	14		On pile structure.	Private aid.
17145	Blair Waterway Lighted Buoy 2	47-16-42.180N 122-24-58.200W	FIR 4s			Red.	Private aid.
17158	Tacoma Outfall Lighted Buoy	47-16-41.000N 122-25-18.000W	FIY4s			Yellow.	Private aid.
17160	BLAIR WATERWAY TERMINAL LIGHT B	47-15-38.000N 122-23-11.000W	FY	11		On corner of pier.	Private aid.
17165	BLAIR WATERWAY TERMINAL LIGHT A	47-15-30.000N 122-22-57.000W	FY	11		On corner of pier.	Private aid.
Blair 17166	Waterway - LIGHT 3	47-16-20.852N 122-24-08.992W	QG			On skelton tower.	Lighted throughout 24 hours. Private aid.
17167	- LIGHT 4	47-16-17.238N 122-24-13.870W	QR			On skeleton tower.	Lighted throughout 24 hours. Private aid.
17168	- LIGHT 5	47-16-18.541N 122-24-05.345W	Oc G 4s			On skeleton tower.	Lighted throughout 24 hours. Private aid.
17169	- LIGHT 6	47-16-14.977N 122-24-10.238W	Oc R 4s			On skeleton tower.	Lighted throughout 24 hours. Private aid.
17172	- RANGE FRONT LIGHT	47-15-11.474N 122-22-23.897W	QR			KRB on single steel pile.	Green light tube on dayboard. Private aid.
17173	- RANGE REAR LIGHT 334 yards, 132.8° true from front light.	47-15-04.750N 122-22-13.214W	Iso R 6s			KRB on single steel pile.	Green light tube on dayboard. Private aid.
17175	ARMY RESERVE PIER NO. 23 LIGHT A	47-17-05.500N 122-24-52.000W	FY			On corner of pier.	HORN: 1 bl ev 15s (2s bl). Private aid.
17180	ARMY RESERVE PIER NO. 23 LIGHT B	47-17-06.000N 122-24-51.500W	FY			On corner of pier.	Private aid.
-	oos Waterway	47.47.00.0000	E.V.				(Dall 4) at 1 44 11
17190	PORT OF TACOMA PIER NO. 25 LIGHT	47-17-06.000N 122-24-36.000W	FY			On corner of pier.	(Bell: 1s stroke-14s si) Private aid.
17201	- Lighted Buoy 1	47-17-14.097N 122-24-45.636W	FI G 4s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
DUGE	T COUNT County to Observe		WASHINGTON - Thir	teenth Distri	ct		
Tacor	ET SOUND - Seattle to Olympia ma Harbor nos Waterway	(Chart 18448)					
17203	CHINOOK LANDING LIGHT A	47-16-53.400N 122-24-11.820W	FIY4s			NY on pile.	Private aid.
17204	CHINOOK LANDING LIGHT B	47-16-47.040N 122-24-01.680W	FIY4s			NY on pile.	Private aid.
17205	East 11th Street Bridge Hylebos Waterway mile: 1.1	47-16-39.000N 122-23-40.000W				Bascule bridge.	
17206.1	EAST 11TH STREET TIDE FLATS BARRIER LIGHT A	47-16-40.510N 122-23-34.520W	FI W 4s			NW on piling.	Supports floating barrier. Private aid.
7206.2	EAST 11TH STREET TIDE FLATS BARRIER LIGHT B	47-16-37.700N 122-23-24.430W	FI W 4s			NW on piling.	Supports floating barrier. Private aid.
7206.3	EAST 11TH STREET TIDE FLATS BARRIER LIGHT C	47-16-36.811N 122-23-19.028W	FI W 4s			NW on piling.	Supports floating barrier. Private aid.
17207	- Lighted Buoy 2	47-16-27.480N 122-22-57.720W	FIR 4s			Red	Private aid.
17210	TYEE MARINA ENTRANCE LIGHT 1	47-17-40.175N 122-25-11.567W	FI G 10s			On floating breakwater.	Private aid.
Puge t 17213	t Sound POINT DEFIANCE FERRY DOLPHIN LIGHT	47-18-23.821N 122-30-49.968W	FIY 10s			On dolphin.	SIREN: 1bl ev 25s (5s bl) Private aid.
17214	TAHLEQUAH FERRY DOLPHIN LIGHT A	47-19-53.625N 122-30-27.468W	FIY 10s			On steel dolphin.	SIREN: 1bl ev 20s (10s bl) Private aid.
17214.1	TAHLEQUAH FERRY DOLPHIN LIGHT B	47-19-53.558N 122-30-29.631W	FIY 10s			On steel dolphin.	Private aid.
17215	POINT DEFIANCE LIGHT	47-19-00.375N 122-32-53.283W	FI W 6s	21	6	NG on multi-pile structure.	
7221	GIG HARBOR LIGHT	47-19-42.000N 122-34-24.000W	FIR 4s			Hexagonal concrete building.	Obscured from 162° to 273°. Private aid.
17223	MURPHY'S LANDING MARINA WARNING LIGHT	47-20-13.080N 122-35-21.620W	FI W 6s			White and orange on piling.	Private aid.
17225	POINT EVANS LIGHT 4	47-17-06.962N 122-32-51.834W	FIR 4s	18	4	TR on multi-pile structure.	
7227	Tacoma Narrows Highway Bridge (East Bound) Tacoma Narrows	47-16-06.000N 122-33-01.000W				Fixed bridge.	
17228	Tacoma Narrows Highway Bridge (West Bound) Tacoma Narrows	47-16-05.000N 122-33-04.000W				Fixed bridge.	
17228.1	Tacoma Narrows East Highway Bridge NE Fog Horn	47-16-17.162N 122-33-13.881W				On north bridge pier.	Horn: S (1s bl, 1s si, 1s bl, 1s si, 1s bl, 1s si, 1s bl, 15s si) Private aid.
17228.2	Tacoma Narrows East Highway Bridge SE Fog Horn	47-15-56.156N 122-32-47.597W				On south bridge pier.	Horn: A (1s bl, 1s si, 3s bl, 15s si) Private aid.
17228.3	Tacoma Narrows West Highway Bridge NW Fog Horn	47-16-14.667N 122-33-16.704W				On north bridge pier.	Horn: T _ (3s bl, 17s si) Private aid.
17228.4	Tacoma Narrows West Highway Bridge SW Fog Horn	47-15-53.639N 122-32-50.341W				On south bridge pier.	Horn: N (3s bl, 1s si, 1s bl, 15s si) Private aid.
17230	Day Island Lagoon Daybeacon	47-14-34.570N 122-33-40.057W				SG on pile.	Private aid.
17231	Day Island Lagoon Daybeacon 3					SG on pile.	Private aid.
17232	Day Island Lagoon Daybeacon 5	47-14-28.500N 122-33-39.225W				SG on pile.	Private aid.
7245	Fox Island Rock Buoy 1	47-16-30.763N 122-38-41.631W				Green can.	
7247	ECHO BAY FISH PEN LIGHTS (2)	47-16-01.000N 122-38-45.000W	FIY6s			Wood fish net pen.	Private aid.
7248	Fox Island Highway Bridge Hale Passage mile: 3.0	47-16-37.000N 122-39-00.000W				Fixed bridge.	
17250	GIBSON POINT LIGHT 6	47-13-06.338N 122-36-06.292W	FIR 4s	22	5	TR on pile.	Light visible from 222° to 055°.

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PUG	ET SOUND - Seattle to Olympia		VASHINGTON - Thir	teenth Distri	ict		
	et Sound Toliva Shoal Isolated Danger Lighted Bell Buoy DTS	47-12-08.765N 122-36-25.323W	FI (2)W 5s		4	Black and red bands with two	
17007	Oldinary On the Market	47.44.00.0001				black spherical topmarks.	Private std
17267	Steilacoom South Mooring Buoy	47-11-36.000N 122-35-06.000W				White and blue buoy.	Private aid.
17268	Chambers Creek Railroad Bridge Steilacoom Waterway - Chambers Creek mile 0.0	47-11-12.000N 122-35-04.000W				Vertical lift bridge.	
17270	EAGLE ISLAND LIGHT 1	47-11-25.030N 122-41-56.179W	FI G 4s	18	5	SG on multi-pile structure.	
17275	Drayton Passage Lighted Buoy 2	47-10-47.601N 122-44-32.976W	FIR 4s		4	Red.	
Carr	Inlet						
17295	WYCKOFF SHOAL LIGHT 1	47-14-29.382N 122-42-52.670W	FI G 2.5s	16	4	SG on pile.	
17296	WYCKOFF SHOAL LIGHT 3	47-14-19.657N 122-42-57.660W	FI G 4s	15	4	SG on pile.	
17297	Pitt Passage North Shoal Daybeacon 4	47-13-28.740N 122-42-48.810W				TR on pile.	
17298	Pitt Passage Rocks Daybeacon	47-13-09.277N 122-43-00.602W				NB on pile.	
17299	PITT PASSAGE LIGHT 6	47-13-05.738N 122-43-04.073W	FI R 2.5s	15	4	TR on pile.	
17305	Kopachuck State Park Buoy Buoy marks fish haven.	47-18-36.000N 122-41-24.000W				Orange and white bands.	Private aid.
17330	VON GELDERN COVE LIGHT	47-16-18.000N 122-45-24.000W	FIY8s			On steel pile.	Private aid.
17335	- Research Lighted Buoy	47-16-48.600N 122-43-48.180W	FI (5)Y 20s			Yellow.	Private aid.
Nisq	ually Reach						
17345	Tolmie Beach State Park Buoy Park buoy marks fish haven.					Orange and white bands.	Private aid.
17346	Oro Bay Lighted Buoy 2	47-08-19.680N 122-41-52.440W	FIR 4s			Red.	Private aid.
17347	Oro Bay Lighted Buoy 3	47-08-18.960N 122-42-04.680W	FI G 4s			Green.	Private aid.
17348	Oro Bay Lighted Buoy 4	47-08-21.120N 122-42-03.240W	FIR 4s			Red.	Private aid.
17350	NISQUALLY FLATS LIGHT 1	47-06-41.500N 122-41-52.862W	FI G 2.5s	15	4	SG on pile.	
17355	LYLE POINT LIGHT 2	47-07-23.997N 122-42-00.063W	FIR 4s	15	5	TR on multi-pile structure.	
17359	Nisqually Flats Lighted Buoy 3		FI G 4s		4	Green.	
17365	DEVILS HEAD LIGHT 4	47-09-59.010N 122-45-53.357W	FIR 6s	16	4	TR on multi-pile structure.	
17370	JOHNSON POINT LIGHT 5	47-10-42.102N 122-48-51.622W	FI G 6s	22	6	SG on multi-pile.	
Dana	a Passage						
17375	ALLYN DOCK LIGHT	47-23-00.000N 122-49-30.000W	FY	14		On float at end of dock.	Private aid.
17390	ITSAMI LEDGE LIGHT 7	47-10-23.051N 122-50-14.862W	FI G 4s	20	5	SG on multi-pile structure.	
17395	BRISCO POINT LIGHT 8	47-09-43.634N 122-52-49.323W	FIR 4s	17	4	TR on multi-pile structure.	Light obscured from 170° to 238.5°.
17397	Boston Harbor Regulatory Buoys (7)	47-08-41.640N 122-54-20.940W				Orange and white buoys.	Private aid.
17400	DOFFLEMYER POINT LIGHT		FI W 4s	30	7	On white concrete tower.	
-	npia Harbor		O.W	25	6	NP on multi nila	
17405	OLYMPIA SHOAL LIGHT	47-05-31.418N 122-55-12.364W	QW	∠5	U	NB on multi-pile structure.	

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PUG	ET SOUND - Seattle to Olympia		WASHINGTON - Thir	teenth Distri	ct		
Olyn 17410	n pia Harbor WEST OLYMPIA SHOAL LIGHT 1	47-05-30.223N 122-55-29.697W	FI G 4s	20	4	SG on multi-pile structure.	
17415	BUDD INLET LIGHT 2	47-05-31.564N 122-55-50.729W	FIR 4s	15	4	TR on multi-pile structure.	
17420	OLYMPIA ENTRANCE LIGHT		FI G 2.5s	22	4	SG on pile.	
17425	Olympia Entrance Lighted Buoy 2A	47-05-07.020N 122-55-46.073W	FI R 2.5s		4	Red.	
17430	- RANGE FRONT LIGHT	47-03-52.727N 122-54-25.444W	QG	31		KRB on multi-pile structure.	Visible 1.5° each side of rangeline.
17435	- RANGE REAR LIGHT 328 yards, 144.2° from front light.	47-03-44.845N 122-54-17.111W	Iso G 6s	48		KRB on skeleton tower, on multi-pile structure.	Visible 1.5° each side of rangeline.
17440	OLYMPIA CHANNEL LIGHT 5	47-04-30.065N 122-54-56.860W	FI G 4s	17	4	SG on multi-pile structure.	
17445	Olympia Channel Lighted Buoy 4	47-04-24.160N 122-55-03.000W	FIR 6s		4	Red.	
17450	Olympia Channel Lighted Buoy 6	47-03-59.205N 122-54-37.572W	FI R 2.5s		4	Red.	
17455	EAST BAY JUNCTION LIGHT 40 feet outside channel limit.		FI (2+1)G 6s	30	4	JG on pile.	
17460	EAST BAY LIGHT 1 40 feet outside channel limit.	47-03-44.020N 122-53-55.687W	FI G 2.5s	28	4	SG on pile.	
17465	EAST BAY LIGHT 2 40 feet outside channel limit.	47-03-42.678N 122-53-58.451W	FI R 2.5s	28	4	TR on pile.	
17470	EAST BAY LIGHT 3 40 feet outside channel limit.	47-03-35.420N 122-53-47.649W	FI G 4s	15	4	SG on pile.	
17475	EAST BAY LIGHT 4	47-03-32.163N 122-53-49.265W	FIR 4s	9	4	TR on tower on end of pier.	
17477	- EAST BAY LIGHT 5	47-03-27.418N 122-53-46.126W	FI G 4s	20		SG on steel pile.	Private aid.
17478	- EAST BAY LIGHT 7	47-03-20.087N 122-53-44.178W	FI G 2.5s	20		SG on steel pile.	Private aid.
17479	- EAST BAY LIGHT 9	47-03-12.406N 122-53-43.011W	FI G 6s	20		SG on steel pile.	Private aid.
17480	OLYMPIA INNER RANGE FRONT LIGHT	47-04-03.995N 122-54-31.046W	QW	13		KRB on multi-pile structure.	Visible 14° each side of rangeline.
17485	OLYMPIA INNER RANGE REAR LIGHT 255 yards, 354.3° from front light.	47-04-11.556N 122-54-32.177W	Iso W 6s	24		KRB on skeleton tower, on multi-pile structure.	Visible 14° each side of rangeline.
17490	Olympia Channel Lighted Buoy 8	47-03-51.230N 122-54-31.728W	FIR 4s		4	Red.	
17495	Olympia Channel Buoy 10	47-03-34.870N 122-54-29.368W				Red nun.	
Olyn 17500	npia Turning Basin - Buoy 12	47-03-26.238N				Red nun.	
17505	- Buoy 14	122-54-31.527W 47-03-18.701N				Red nun.	
17510	- Buoy 16	122-54-33.298W 47-03-06.501N				Red nun.	
17515	- Buoy 18	122-54-31.228W 47-03-05.271N				Red nun.	
	ET SOUND - Northern Part (Cha	122-54-26.747W rt 18441)					
Port 17520 16490	Townsend and Oak Bay Point Hudson Spit Lighted Bell Buoy 2	48-07-27.437N 122-44-39.867W	FIR 4s		4	Red.	
17525 16495	POINT HUDSON LIGHT 4	48-07-02.022N 122-44-57.245W	FI R 2.5s	35	5	TR on pile on shore.	
17535	POINT HUDSON MARINA LIGHT	48-06-54.000N 122-44-54.000W	FY	24		On pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PUGI	ET SOUND - Northern Part (Cha		VASHINGTON - Thirt	eenth Distri	ict		
Port '	Townsend and Oak Bay	,					
17537.1	Port Townsend No Anchor Buoy A	48-06-56.279N 122-45-01.901W				White and orange can.	Maintained from 01 May to 30 Sep. Private aid.
17537.2	Port Townsend No Anchor Buoy B	48-06-54.256N 122-45-06.401W				White and orange can.	Maintained from 01 May to 30 Sep. Private aid.
17537.3	Port Townsend No Anchor Buoy C	48-06-52.826N 122-45-11.192W				White and orange can.	Maintained from 01 May to 30 Sep. Private aid.
17537.4	Port Townsend No Anchor Buoy D	48-06-51.354N 122-45-15.285W				White and orange can.	Maintained from 01 May to 30 Sep. Private aid.
17537.5	Port Townsend No Anchor Buoy E	48-06-49.651N 122-45-18.953W				White and orange can.	Maintained from 01 May to 30 Sep. Private aid.
17537.6	Port Townsend No Anchor Buoy F	48-06-47.099N 122-45-24.131W				White and orange can.	Maintained from 01 May to 30 Sep. Private aid.
17537.7	Port Townsend No Anchor Buoy G	48-06-45.424N 122-45-28.321W				White and orange can.	Maintained from 01 May to 30 Sep. Private aid.
17537.8	Port Townsend No Anchor Buoy H	48-06-44.071N 122-45-31.892W				White and orange can.	Maintained from 01 May to 30 Sep. Private aid.
Port '	Townsend						
17540	- FERRY TERMINAL LIGHT A	48-06-38.895N 122-45-30.036W	FI Y 4s			On steel dolphin.	Private aid.
17541	- FERRY TERMINAL LIGHT B	48-06-38.124N 122-45-31.811W	FIY4s			On steel dolphin.	Private aid.
17545	- BREAKWATER LIGHT 1	48-06-25.531N 122-46-15.844W	FI G 4s	15	4	SG on tower.	
17550	- BREAKWATER LIGHT 2	48-06-26.823N 122-46-18.646W	FIR 4s	15	4	TR on pole.	
17551	- Outfall Lighted Buoy	48-05-24.000N 122-47-36.000W	FI Y 6s			Yellow.	Private aid.
17555	- PAPER DOCK LIGHT A	48-05-36.000N 122-47-30.000W	FY	30		On post on building.	Visible from 168° to 348°. HORN: 1 blast ev 19s (2s bl). Private aid.
17557	- PAPER DOCK LIGHT B	48-05-36.000N 122-47-30.000W	FY	30		On post on building.	Private aid.
17564	- Lighted Buoy 1	48-04-59.174N 122-44-54.288W	FI G 2.5s		4	Green.	
17564.5	INDIAN ISLAND FLOATING SECURITY BARRIER LIGHTS (60)	48-04-36.474N 122-44-48.687W	FIY2s			Gray floating barrier.	Navy maintained. Floating steel barrier system marked by 60 lights. Private aid.
17565	KALA POINT LIGHT 2	48-03-27.735N 122-46-01.167W	FIR 4s	25	4	TR on skeleton tower.	
17566	PORT HADLOCK MARINA LIGHT A	48-01-52.800N 122-44-45.600W	FIY6s	8		On floating breakwater.	Private aid.
17567	PORT HADLOCK MARINA LIGHT B	48-01-52.800N 122-44-37.200W	FI Y 6s	8		On floating breakwater.	Private aid.
17568.1	Port Hadlock No Anchor Buoy A	48-01-58.800N 122-45-03.600W				White and orange can.	Private aid.
17568.2	Port Hadlock No Anchor Buoy B	48-01-56.568N 122-45-00.360W				White and orange can.	Private aid.
17568.3	Port Hadlock No Anchor Buoy C	48-01-54.300N 122-44-57.480W				White and orange can.	Private aid.
17568.4	Port Hadlock No Anchor Buoy D	48-01-52.284N 122-44-54.600W				White and orange can.	Private aid.
17570	- Canal Daybeacon 3	48-02-04.021N 122-44-02.554W				SG on pile.	
17575	- CANAL LIGHT 4	48-01-58.395N 122-44-02.164W	FIR 4s	15	4	TR on multi-pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PUGI	ET SOUND - Northern Part (Cha		VASHINGTON - Thirt	eenth Distri	ict		
Port 17577	Townsend - Canal Highway Bridge	48-01-55.000N				Fixed bridge.	
17077	Port Townsend Canal mile: 0.2	122-43-55.000W				Tixed bildge.	
17580	- Canal Daybeacon 7	48-01-25.803N 122-43-24.508W				SG on multi-pile structure.	
17585	- CANAL LIGHT 6	48-01-26.133N 122-43-29.464W	FIR 4s	13	4	TR on pile on breakwater.	
17590	OAK BAY LIGHT 2	48-00-16.628N 122-41-33.537W	FI R 2.5s	15	4	TR on multi-pile structure.	
Kilisu	ut Harbor						
17595	- Buoy 2	48-04-49.229N 122-44-33.466W				Red nun.	
17601	- Daybeacon 3	48-04-57.460N 122-44-19.477W				SG on multi-pile structure	
17606	- Daybeacon 5	48-05-01.517N 122-44-08.977W				SG on pile.	
17610	- Daybeacon 6	48-05-13.418N 122-43-58.530W				TR on pile.	
17615	- Daybeacon 8	48-05-23.486N 122-43-52.781W				TR on pile.	
17620	- Daybeacon 9	48-05-33.000N 122-43-39.330W				SG on pile.	
17625	- Daybeacon 10	48-05-28.704N 122-43-17.405W				TR on pile.	
17630	- Daybeacon 12	48-05-17.363N 122-43-08.506W				TR on pile.	
17635	- Daybeacon 13	48-05-08.078N 122-43-14.309W				SG on pile.	
17640	- Daybeacon 15	48-04-45.148N 122-43-22.115W				SG on pile.	
17645	- Daybeacon 16	48-04-33.324N 122-43-10.871W				TR on pile.	
17650	- Daybeacon 17	48-04-34.329N 122-42-49.855W				SG on pile.	
Mats	Mats Bay						
17656	KLAS ROCK LIGHT	47-57-44.919N 122-40-19.204W	FI (2)W 5s	15	5	NR on pole on rock.	
17665	- CHANNEL LIGHT 3	47-57-44.975N 122-40-51.504W	FI G 4s	15	4	SG on pile.	
17670	- CHANNEL LIGHT 5	47-57-43.209N 122-41-04.702W	QG	10	3	SG on platform.	
17675	- RANGE FRONT LIGHT	47-57-44.099N 122-41-07.246W	QR	8		KRB on multi-pile structure.	Visible all around.
17680	 RANGE REAR LIGHT 63 yards, 261.0° from front light. 	47-57-43.805N 122-41-10.005W	Iso R 6s	20		KRB on concrete pile.	Visible all around.
17690	- CHANNEL LIGHT 7	47-57-22.202N 122-41-10.093W	FI G 4s	25	4	SG on concrete pile.	
17695	- CHANNEL LIGHT 8	47-57-23.937N 122-41-12.329W	FIR 4s	15	4	TR on pile.	
Hood	I Canal						
17700 16515	COLVOS ROCKS LIGHT	47-57-07.423N 122-40-15.766W	FI W 4s	34	6	NB on skeleton tower.	
17705	PORT LUDLOW LIGHT 2	47-56-42.877N 122-39-40.079W	FI R 2.5s	15	4	TR on multi-pile structure.	
17710	PORT LUDLOW LIGHT 4	47-55-16.063N 122-40-54.843W	QR	15	4	TR on multi-pile structure.	
17713	Port Ludlow Marina Buoy	47-55-18.000N 122-41-02.000W				Red nun.	Private aid.
17714	PORT LUDLOW MARINA LIGHTS (3)	47-55-19.000N 122-41-08.000W	FY			On floating pier.	Private aid.
17715	MEYDENBAUER YACHT CLUB MOORING PIER LIGHT	47-55-05.000N 122-41-30.000W	FY			Floating moorage.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PUGE	T SOUND - Northern Part (Cha		VASHINGTON - Thir	teenth Distri	ict		
Hood 7720		47-55-56.995N	FI (2+1)R 6s	15	5	JR on pile.	
17720	LIGHT	122-39-27.546W	11(2+1)1(05			JIX OII pile.	
7725	FOULWEATHER BLUFF LIGHT 1	47-55-55.725N 122-37-17.835W	FI G 4s	21	5	SG on multi-pile structure.	Obscured from 202° to 328.5°.
7726.1	COON BAY ENTRANCE LIGHT 1	47-54-30.121N 122-35-29.869W	FI G 6s			SG on pile.	Private aid.
7726.11	Coon Bay Daybeacon 10	47-54-30.692N 122-35-13.178W				TR on pile.	Private aid.
7726.2	COON BAY ENTRANCE LIGHT 2	47-54-29.199N 122-35-29.781W	FIR 6s			TR on pile.	Private aid.
7726.3	Coon Bay Daybeacon 3	47-54-30.256N 122-35-24.739W				SG on pile.	Private aid.
7726.4	Coon Bay Daybeacon 4	47-54-29.341N 122-35-24.577W				TR on pile.	Private aid.
7726.5	Coon Bay Daybeacon 5	47-54-30.928N 122-35-19.582W				SG on pile.	Private aid.
7726.6	Coon Bay Daybeacon 6	47-54-30.201N 122-35-19.251W				TR on pile.	Private aid.
7726.7	Coon Bay Daybeacon 7	47-54-31.617N 122-35-16.364W				SG on pile.	Private aid.
7726.8	Coon Bay Daybeacon 8	47-54-30.734N 122-35-17.074W				TR on pile.	Private aid.
7726.9	Coon Bay Daybeacon 9	47-54-31.002N 122-35-08.700W				SG on pile.	Private aid.
7728	- Research Lighted Buoy C	47-54-26.400N 122-37-37.200W	FI (5)Y 20s			Yellow research buoy.	Private aid.
7730	POINT HANNON LIGHT 2	47-53-14.859N 122-36-41.230W	FI R 2.5s	15	5	TR on skeleton tower.	
7731	- Mariculture Lighted Buoys (2)	47-53-04.000N 122-36-45.000W	FIY6s			Orange and white; spherical buoys.	Private aid.
7735	PORT GAMBLE LIGHT 1	47-51-48.914N 122-34-36.593W	FI G 2.5s	16	4	SG on muli-pile structure.	
7740	PORT GAMBLE LIGHT 2	47-51-49.310N 122-34-41.783W	FI R 2.5s	16	4	TR on multi-pile structure.	
7745	PORT GAMBLE LIGHT 3	47-51-32.564N 122-34-36.415W	FI G 4s	16	4	SG on pile.	
7750	PORT GAMBLE LIGHT 4	47-51-32.520N 122-34-41.994W	FIR 4s	16	4	TR on pile.	
7769	- Highway Bridge Hood Canal mile: 5.0	47-51-34.000N 122-37-28.000W				Floating bridge.	
7770	SISTERS ROCK LIGHT 4	47-51-31.095N 122-38-30.244W	FIR 4s	15	5	TR on wooden crib.	
7775	Case Shoal Daybeacon	47-51-29.955N 122-40-32.170W				NB on pile.	
7780	CASE SHOAL LIGHT 6	47-50-43.737N 122-40-16.771W	FI R 2.5s	15	4	TR on pile.	
7785	- LIGHT 7	47-49-32.109N 122-38-58.210W	FI G 2.5s	15	4	SG on multi-pile structure.	
7800	- LIGHT 8	47-48-48.608N 122-42-51.499W	FIR 4s	15	5	TR on pile.	
7805	- LIGHT 9	47-48-05.925N 122-40-55.826W	FI G 4s	15	4	SG on multi-pile structure.	
7808	Bangor Explosive Anchorage Lighted Buoy A	47-46-39.705N 122-42-51.604W	FI Y 2.5s		4	Yellow.	
7810	Bangor Explosive Anchorage Lighted Buoy B	47-45-27.015N 122-43-51.064W	FIY6s		3	Yellow.	
7815	BANGOR NORTH FLOATING SECURITY BARRIER LIGHTS (111)	47-45-02.600N 122-44-02.700W	FIY2s			Gray floating barrier.	Navy maintained. Floating stee barrier system marked by 111 lights. Private aid.
7817	BANGOR SOUTH FLOATING SECURITY BARRIER LIGHTS (108)	47-43-49.000N 122-44-50.643W	FIY2s			Gray floating barrier.	Navy maintained. Floating sterbarrier system marked by 108 lights. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BUGE	ET SOUND - Northern Part (Cha		WASHINGTON - Thirt	eenth Distri	ct		
	Canal	(10441)					
17820	- LIGHT 10	47-45-02.421N 122-45-19.030W	FIR 4s	16	5	TR on pile.	
17835	Bangor Explosive Anchorage Lighted Buoy C	47-44-52.966N 122-44-20.059W	FI Y 6s		4	Yellow.	
7837	Bangor Explosive Anchorage Lighted Buoy D	47-44-05.466N 122-44-54.464W	FIY6s		3	Yellow	
7838	BANGOR CARDEROCK PIER LIGHTS (5)	47-43-40.123N 122-44-40.891W	FIY4s			On pier.	Private aid.
7839	Bangor Explosive Anchorage Lighted Buoy E	47-43-37.078N 122-44-53.049W	FI Y 2.5s		4	Yellow.	
7840	HAZEL POINT LIGHT	47-41-35.025N 122-46-14.844W	FI W 4s	15	5	NB on pile.	
7845	- LIGHT 11	47-41-24.874N 122-44-50.312W	FI G 4s	15	5	SG on multi-pile structure.	
7850	OAK HEAD LIGHT 12	47-40-54.420N 122-48-40.948W	FIR 4s	15	4	TR on multi-pile structure.	
17855	- LIGHT 13	47-39-45.653N 122-47-14.436W	FI G 2.5s	20	4	SG on multi-pile structure.	
17857.1	OLYMPIC VIEW MARINA FLOATING BREAKWATER LIGHT A	47-38-33.960N 122-49-41.400W	FI Y 4s			On floating breakwater.	Private aid.
17857.2	OLYMPIC VIEW MARINA FLOATING BREAKWATER LIGHT B	47-38-34.860N 122-49-43.620W	FIY4s			On floating breakwater.	Private aid.
7857.3	OLYMPIC VIEW MARINA FLOATING BREAKWATER LIGHT C	47-38-35.760N 122-49-45.840W	FIY4s			On floating breakwater.	Private aid.
7857.4	OLYMPIC VIEW MARINA FLOATING BREAKWATER LIGHT D	47-38-36.660N 122-49-48.060W	FI Y 4s			On floating breakwater.	Private aid.
7860	- LIGHT 15	47-39-24.344N 122-49-40.954W	QG	15	4	SG on pile.	
17865	TSKUTSKO POINT LIGHT	47-41-29.342N 122-49-59.170W	FI W 4s	15	5	NB on pile.	
17870	DOSEWALLIPS FLATS LIGHT 17	47-41-25.579N 122-52-38.884W	FI G 4s	15	4	SG on pile.	
Dabo	b Bay						
17875	PULALI POINT LIGHT	47-44-15.602N 122-51-08.056W	FI W 4s	35	6	NG on tower.	
17880	Seal Rock Daybeacon	47-42-53.205N 122-53-01.325W				NB on pole.	
17890	NAVY WARNING LIGHTS (2)	47-45-41.000N 122-51-02.000W	QY			On building.	FI R 5s lights will be displayed when the area is closed to navigation during naval operations. Q Y lights will be displayed when the area require: caution. When lights are not operational, area is clear to transit. U.S. Navy Maintained. Private aid.
17895	QUILCENE BAY LIGHT 2	47-46-44.426N 122-51-11.134W	FIR 4s	26	4	TR on multi-pile structure.	Obscured from 170° to 260°.
17897	QUILCENE BAY FISH PEN LIGHTS (2)	47-47-10.570N 122-51-11.240W	FIY6s			On steel fish pen.	Private aid.
17899.1	QUILCENE BAY MUSSEL RAFT LIGHT A	47-47-14.000N 122-51-07.700W	FIY6s			Wood mussel raft.	Private aid.
7899.2	QUILCENE BAY MUSSEL RAFT LIGHT B	47-47-22.000N 122-51-06.100W	FIY6s			Wood mussel raft.	Private aid.
7899.3	QUILCENE BAY MUSSEL RAFT LIGHT C	47-47-29.600N 122-51-05.500W	FIY6s			Wood mussel raft.	Private aid.
7899.4	QUILCENE BAY MUSSEL RAFT LIGHT D	47-47-14.300N 122-51-11.100W	FIY 6s			Wood mussel raft.	Private aid.
7899.5	QUILCENE BAY MUSSEL RAFT LIGHT E	47-47-21.900N 122-51-08.900W	FIY 6s			Wood mussel raft.	Private aid.
7899.6	QUILCENE BAY MUSSEL RAFT LIGHT F	47-47-29.400N 122-51-07.900W	FI Y 6s			Wood mussel raft.	Private aid.

PUGET SOUND - Northern Part (Chart 1844) Dabob Bay 17000 TABOOK POINT LIGHT 18 47-44-47.474N 12248-38.074W FIR 6s 15 5 TR on pile.	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Name	PLIGET SC	OLIND - Northern Part (Char		VASHINGTON - Thirt	eenth Distri	ct		
Mood Canal	Dabob Ba	у	(10441)					
Private aid Private aid	17900 TA	ABOOK POINT LIGHT 18		FIR 6s	15	5	TR on pile.	
122-48-14.00W Private aid. Pri			47-48-10.800N	FI (5)Y 20s			Yellow research	Private aid.
123-06-45.000W 123-06-27.00W 123-06-27.0							buoy.	
Daybeacon A			123-06-45.000W	FI (5)Y 20s				Private aid.
Daybeacon B							NW on steel post.	Private aid.
Tabybeacon 123-04-17.112W 123-04-17.112W 123-04-17.112W 123-04-17.112W 123-04-17.112W 123-04-17.112W 123-04-17.112W 123-05.000W 123-04-17.112W 123-05.000W 123-04-17.112W 123-05.000W 123-04-17.112W 123-05.000W 123-03-03.000W 123							NW on steel post.	Private aid.
17904 - Research Lighted Buoy B 47-22-30.000N FI (5)Y 20s							NW on steel post.	Private aid.
123-00-30.0000W							NW on steel post.	Private aid.
17910 Alderbrook Dock Regulatory 47-21-06.780N 213-03-59.100W 27-21-06.780N 213-03-59.100W 27-21-06.780N 213-03-59.100W 27-21-06.780N 27-2	17904 <i>- F</i>	Research Lighted Buoy B		FI (5)Y 20s				Private aid.
Buoys (3)				FY	14			Private aid.
17915 Port Madison Lighted Mooring 47-42-41 400N 122-32-05 700W 122-32-05 700W 122-33-05 700W 122-33-05 700W 122-33-05 700W 122-31-40 781W 122-31-40 781W 17925 Treasure Island Shoal 47-41-51 399N 122-32-08 428W 17927 PORT OF INDIANOLA PIER 122-31-32 000W 17927 PORT OF INDIANOLA PIER 47-44-40 000N 122-33-33 000W 17930 AGATE PASSAGE LIGHT 2 47-44-40 000N 122-33-32 000W 17930 AGATE PASSAGE LIGHT 2 47-44-40 000N 122-33-32 000W 17930 Agate Pass mile: 1.0 122-33-32 000W 17930 Agate Pass mile: 1.0 122-33-35 000W 17940 Agate Pass ge Lighted Buoy 4 47-42-31 160N 122-34-10.26TW 17940 Agate Pass Fish PEN 47-42-11.60N 122-34-10.26TW 17940 AGATE PASS FISH PEN 47-42-11.60N 122-34-10.26TW 17940 AGATE PASS FISH PEN 47-42-11.60N 122-34-30.250W 17940 AGATE PASS FISH PEN 47-42-11.810N 122-34-30.250W 17950 POINT BOLIN REEF LIGHT 6 47-40-28.65SN 17950 Manzanita Bay Regulatory 47-40-18.65SN 17950 Manzanita Bay Regulatory 47-40-18.65SN 17950 Manzanita Bay Regulatory 47-40-11.619N 122-33-59.06W 17950 Manzanita Bay Regulatory 47-40-11.619N 122-33-59.06W 17950 Manzanita Bay Regulatory 47-40-11.619N 122-33-59.06W 17950 Manzanita Bay Regulatory 47-39-47.49TN 122-33-59.06W 17950 Manzanita Bay Regulatory 47-40-11.619N 122-33-59.06W 122-33-59.06W 17950 Manzanita Bay Regulatory 47-40-11.619N 122-33-59.06W 122-33-59.06W 17950 Manzanita Bay Regulatory 47-39-47.49TN 122-33-59.06W 17950 Manzanita B							White and Orange.	Private aid.
17920								
A				FI W 4s				Private aid.
17927		ort Madison Regulatory Buoy						Private aid.
LIGHT A 122-31-32.000W FI Y 6s On end of pier. Private aid. 17938 PORT OF INDIANOLA PIER 47-44-40.000N FI Y 6s On end of pier. Private aid. 17930 AGATE PASSAGE LIGHT 2 47-43-18.923N 122-33-22.422W FI R 4s 20 5 TR on multi-pile structure. 204°. 17935 Agate Pass Highway Bridge Agate Pass mile: 1.0 122-33-58.000W 17940 Agate Passage Lighted Buoy 4 47-42-31.760N FI R 4s 4 Red. 17945 AGATE PASS FISH PEN 47-42-11.810N 122-34-29.520W FI Y 4s Floating fish pen. Private aid. 17946 AGATE PASS FISH PEN 47-42-11.810N 122-34-33.194W FI R 2.5s 15 4 TR on multi-pile structure. 17956 Manzanita Bay Regulatory 47-40-28.653N Buoy A 47-40-21.360N FI Y 4s Transment 17956 Manzanita Bay Regulatory 47-40-28.653N Buoy B Regulatory 47-40-11.810N 122-33-59.906W Trypicate aid. Trypi							TR on pile.	
LIGHT B				FI Y 6s			On end of pier.	Private aid.
17935 Agate Pass Highway Bridge 47-42-44.000N Agate Pass mile: 1.0 122-33-58.000W Fixed bridge. Fixed bridge.				FI Y 6s			On end of pier.	Private aid.
Agate Pass mile: 1.0 122-33-58.000W 17940	17930 AG	GATE PASSAGE LIGHT 2		FIR 4s	20	5		Light is obscured from 041° to 204°.
17945 AGATE PASS FISH PEN LIGHT A 122-34-29.520W FI Y 4s Floating fish pen. Private aid. 17946 AGATE PASS FISH PEN LIGHT B 17-42-11.810N 122-34-30.250W FI Y 4s Floating fish pen. Private aid. 17950 POINT BOLIN REEF LIGHT 6 47-41-47.487N 122-34-30.250W FI R 2.5s 15 4 TR on multi-pile structure. 17956 Manzanita Bay Regulatory Buoy A 122-33-58.952W Mine with orange markings. Private aid. 17957 Manzanita Bay Regulatory Buoy B 122-34-04.865W Manzanita Bay Regulatory Buoy C 122-34-04.865W Manzanita Bay Regulatory Buoy D 122-33-59.906W Manzanita Bay Regulatory Buoy D 122-34-04.805W Manzanita Bay Regulatory Buoy D 122-34-04.900 Manzanita Bay Regulatory Buoy D 122-34-04.900 Manzanita Bay Regulatory Buoy D 122-34-04.900 Manzanita Bay Regulatory Buoy D 122-34-04.900 Manzanita Bay Regulatory Buoy D 122-34-06.007W Mine with orange markings. Mine with orange markings. Private aid. Mine with orange markings. Mine with orange markings. Private aid. Mine with orange markings. Mine with orange markings. Private aid. Mine with orange markings. Mine with orange markings. Private aid. Mine with orange markings. Mine with orange markings. Private aid. Mine with orange markings. Mine wi	•						Fixed bridge.	
LIGHT A 122-34-29.520W 17946 AGATE PASS FISH PEN LIGHT 6 122-34-30.250W POINT BOLIN REEF LIGHT 6 47-41-47.487N 122-34-33.194W 17950 POINT BOLIN REEF LIGHT 6 47-41-47.487N 122-33-35.950W Manzanita Bay Regulatory A7-40-28.653N 122-33-58.952W Manzanita Bay Regulatory Buoy A 122-34-04.865W 17957 Manzanita Bay Regulatory Buoy B 47-40-11.810N 122-34-04.865W 17958 Manzanita Bay Regulatory Buoy C 47-40-11.679N 122-33-59.906W 17959 Manzanita Bay Regulatory Buoy D 47-39-54.794N 122-33-59.906W 17965 BATTLE POINT LIGHT 47-39-47.497N 122-35-37.049W Port of Poulsbo 17970 LIBERTY BAY LIGHT 2 47-42-26.591N 122-37-37.471W 17975 LIBERTY BAY MARINA 47-43-21.360N FI Y 4s 15 Point in Fix A 12 Point in Fix A 12 Private aid. Floating fish pen. Private aid. Floating fish pen. Private aid. Floating fish pen. Private aid. Floating fish pen. Private aid. TR on multi-pile structure.	17940 Ag	gate Passage Lighted Buoy 4		FIR 4s		4	Red.	
LIGHT B				FIY4s			Floating fish pen.	Private aid.
17956 Manzanita Bay Regulatory Buoy A 47-40-28.653N 122-33-58.952W White with orange markings. Private aid. markings. 17957 Manzanita Bay Regulatory Buoy B 47-40-11.810N 122-34-04.865W White with orange markings. Private aid. markings. 17958 Manzanita Bay Regulatory Buoy C 47-40-11.679N 122-33-59.906W White with orange markings. Private aid. markings. 17959 Manzanita Bay Regulatory Buoy D 47-39-54.794N 122-34-06.007W White with orange markings. Private aid. markings. 17965 BATTLE POINT LIGHT 47-39-47.497N 122-37-37.049W FI W 4s 17 7 NB on multi-pile structure. Port of Poulsbo 17970 LIBERTY BAY LIGHT 2 47-42-26.591N 122-37-37.471W FI R 4s 21 4 TR on pile. 17975 LIBERTY BAY MARINA 47-43-21.360N F Y On corner of Private aid.				FIY4s			Floating fish pen.	Private aid.
Buoy A 122-33-58.952W markings.	17950 PC	DINT BOLIN REEF LIGHT 6		FI R 2.5s	15	4		
Buoy B 122-34-04.865W markings. 17958 Manzanita Bay Regulatory Buoy C 122-33-59.906W Manzanita Bay Regulatory Buoy D 122-34-06.007W Manzanita Bay Regulatory Buoy D 122-34-06.007W Manzanita Bay Regulatory Buoy D 122-34-06.007W Markings. White with orange markings. 17965 BATTLE POINT LIGHT 47-39-47.497N FI W 4s 17 7 NB on multi-pile structure.								Private aid.
Buoy C 122-33-59.906W markings. White with orange markings. White with orange markings. Private aid. markings. White with orange markings. Private aid. markings. 17965 BATTLE POINT LIGHT 47-39-47.497N FI W 4s 17 7 NB on multi-pile structure. Port of Poulsbo 17970 LIBERTY BAY LIGHT 2 47-42-26.591N FI R 4s 21 4 TR on pile. TR on pile. 17975 LIBERTY BAY MARINA 47-43-21.360N Fi Y On corner of Private aid.								Private aid.
Buoy D 122-34-06.007W markings. 17965 BATTLE POINT LIGHT 47-39-47.497N FI W 4s 17 7 NB on multi-pile structure. Port of Poulsbo 17970 LIBERTY BAY LIGHT 2 47-42-26.591N FI R 4s 21 4 TR on pile. 17975 LIBERTY BAY MARINA 47-43-21.360N F Y On corner of Private aid.								Private aid.
122-35-37.049W structure. Port of Poulsbo 17970 LIBERTY BAY LIGHT 2 47-42-26.591N FI R 4s 21 4 TR on pile. 122-37-37.471W 17975 LIBERTY BAY MARINA 47-43-21.360N F Y On corner of Private aid.								Private aid.
17970 LIBERTY BAY LIGHT 2 47-42-26.591N FI R 4s 21 4 TR on pile. 122-37-37.471W 17975 LIBERTY BAY MARINA 47-43-21.360N F Y On corner of Private aid.	17965 BA	ATTLE POINT LIGHT		FI W 4s	17	7		
17970 LIBERTY BAY LIGHT 2 47-42-26.591N FI R 4s 21 4 TR on pile. 122-37-37.471W 17975 LIBERTY BAY MARINA 47-43-21.360N F Y On corner of Private aid.	Port of Po	oulsbo						
				FIR 4s	21	4	TR on pile.	
				FY				Private aid.
17976 LIBERTY BAY MARINA 47-43-24.660N F Y On corner of Private aid. LIGHT B 122-38-32.400W marina.				FY				Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
DIIGE	T SOUND Northorn Part (Cha		VASHINGTON - Thirt	teenth Distr	ct		
	T SOUND - Northern Part (Cha of Poulsbo	rt 10441)					
17977	Liberty Bay Marina No Wake Lighted Buoy	47-43-20.000N 122-38-47.000W	FI W 4s			White can with orange bands and diamond worded NO WAKE.	Private aid.
17980	POULSBO YACHT CLUB BREAKWATER LIGHT A	47-43-35.340N 122-38-44.640W	FY			Floating breakwater.	Private aid.
17980.1	POULSBO YACHT CLUB BREAKWATER LIGHT B	47-43-34.740N 122-38-44.040W	FY			Floating breakwater.	Private aid.
17980.2	POULSBO YACHT CLUB BREAKWATER LIGHT C	47-43-33.960N 122-38-43.320W	FY			Floating breakwater.	Private aid.
17980.3	POULSBO YACHT CLUB BREAKWATER LIGHT D	47-43-31.080N 122-38-40.020W	FY			Floating breakwater.	Private aid.
17985	NORTH BREAKWATER LIGHT A	47-43-55.000N 122-38-58.000W	FIR 4s			On piling.	Private aid.
17990	MIDDLE BREAKWATER LIGHT B	47-43-50.000N 122-38-51.000W	FIY 10s			On piling.	Private aid.
17995	SOUTH BREAKWATER LIGHT C	47-43-51.000N 122-38-46.000W	FIY 10s			On piling.	Private aid.
Eagle 18000	Harbor - LIGHT 1	47-36-58.770N 122-29-47.270W	FI G 6s	30	4	SG on multi-pile structure.	
18005	- LIGHT 3	47-37-08.864N 122-29-51.825W	FI G 2.5s	15	4	SG on multi-pile structure.	Ra ref.
18010	- LIGHT 4	47-37-19.148N 122-29-50.704W	FIR 4s	15	6	TR on multi-pile structure.	Obscured sector from 125° to 290°.
18012	Wyckoff Regulatory Buoy A	47-37-24.185N 122-30-01.918W				White and orange can.	Marks No Anchoring Area. Private aid.
8013	Wyckoff Regulatory Buoy B	47-37-25.103N 122-30-16.819W				White and orange can.	Marks No Anchoring Area. Private aid.
18014	Wyckoff Regulatory Buoy C	47-37-03.327N 122-30-15.344W				White and orange can.	Marks No Anchoring Area. Private aid.
18014.5	Wyckoff Regulatory Buoy D	47-37-03.600N 122-30-25.686W				White and orange can.	Marks No Anchoring Area. Private aid.
18015	- Sand Spit Lighted Buoy 5	47-37-15.163N 122-30-14.107W	FI G 4s		4	Green.	
18016	BAINBRIDGE ISLAND FERRY TERMINAL DOLPHIN LIGHT A	47-37-21.374N 122-30-29.656W	FIY6s			White and orange on steel dolphin.	HORN: 1s-bl 15s-si, 3s-bl 10s-s Private aid.
18016.1	BAINBRIDGE ISLAND FERRY TERMINAL DOLPHIN LIGHT B	47-37-19.765N 122-30-29.882W	FI Y 6s			White and orange on steel dolphin.	Private aid.
18016.2	BAINBRIDGE ISLAND FERRY TERMINAL DOLPHIN LIGHT C	47-37-17.104N 122-30-31.574W	FI Y 6s			White and orange on steel dolphin.	Private aid.
18016.3	FERRY MAINTENANCE FACILITY DOLPHIN LIGHT A	47-37-10.599N 122-30-44.536W	FIY6s			White and orange on steel dolphin.	Private aid.
18016.4	FERRY MAINTENANCE FACILITY DOLPHIN LIGHT B	47-37-11.078N 122-30-51.397W	FIY6s			White and orange on steel dolphin.	Private aid.
18017	BAINBRIDGE ISLAND BOAT YARD LIGHT A		FIY4s			On pile.	Private aid.
8017.5	BAINBRIDGE ISLAND BOAT YARD LIGHT B	47-37-03.350N 122-30-36.604W	FIY4s			On pile.	Private aid.
18018	EAGLEDALE MOORING LIGHT A	47-37-03.255N 122-30-42.566W	FIY4s			On dock.	Private aid.
8018.5	EAGLEDALE MOORING LIGHT B	47-37-03.270N 122-30-41.255W	FIY4s			On dock.	Private aid.
18019	QUEEN CITY OUTSTATION LIGHT A	47-37-14.782N 122-31-07.377W	FY			Red light on corner of float dock.	Private aid.
18019.5	QUEEN CITY OUTSTATION LIGHT B	47-37-15.416N 122-31-08.882W	FY			Red light on corner of float dock.	Private aid.
18022	- Regulatory Buoy A	47-37-11.820N 122-31-02.820W				White can with orange markings.	Maintained from May 1 to Sep. 15. Private aid.

18024 - Regulatory Buoy C 47-37-11.280N 122-31-17.460W White can with orange markings 15. Privat	e aid. e aid. e aid. e aid. e aid. e aid. e aid. e aid. e aid.
18023 - Regulatory Buoy B	e aid. ained from May 1 to Sep. e aid. ained from May 1 to Sep. e aid. ained from May 1 to Sep. ained from May 1 to Sep.
122-31-17.460W 122-31-17.460W 122-31-17.460W 122-31-24.840W 122-31-31.840W 122-	e aid. ained from May 1 to Sep. e aid. ained from May 1 to Sep.
122-31-24.840W 122-31-24.840W 122-31-33.801W 15. Privat 18027 Regulatory Buoy E 47-37-09.965N 122-31-33.801W 122-31-33.801W White can with orange markings. 15. Privat 18028 Regulatory Buoy J 47-37-25.440N 122-31-53.302W White can with orange markings. 15. Privat 15. P	e aid. ained from May 1 to Sep.
122-31-33.801W	
122-31-53.302W	e aid.
18030 Bainbridge Reef Lighted Buoy 47-34-05.235N FI R 4s 4 Red.	ained from May 1 to Sep.
18035 ORCHARD POINT LIGHT 47-33-54.675N FI W 6s 34 7 On white concrete tower. HORN mic 5 81A (100 peral Rocks Lighted Buoy 6 47-34-27.024N 122-32-01.803W 122-32-01.803W 122-32-01.803W 122-32-01.803W 122-32-01.803W 122-32-01.803W 122-31-55.223W NB on pole. 18065 - Lighted Buoy 8 47-35-35.773N 122-32-33.318W 122-32-33.318W 122-32-33.318W 122-32-33.318W 122-32-33.02.153W Q G 25 5 SG on multi-pile structure. HORN mic 5 83A (100 peral Rocks Daybeacon 47-35-24.615N 122-34-02.596W FI R 4s 15 4 TR on multi-pile structure. HORN mic 5 83A (100 peral Rocks Daybeacon 47-35-24.615N 122-34-02.596W FI R 4s 15 4 TR on multi-pile structure. HORN mic 5 83A (100 peral Rocks Daybeacon HORN mic 5 83A (100 peral Rock	
122-31-55.743W 122-31-55.743W 122-31-55.743W 122-31-55.743W 122-31-55.743W 122-31-55.743W 122-31-55.24W 122-31-55.24W 122-31-55.223W 122-32-33.318W 122-32-33.318W 122-32-33.318W 122-32-33.318W 122-32-33.318W 122-32-33.318W 122-33-02.153W 122-33-02.153W 122-33-02.153W 122-33-02.153W 122-34-02.596W 122-34-02.596W 15 4 TR on multi-pile structure. 18080 WATERMAN POINT LIGHT 172-34-02.596W 122-34-13.200W 122-34-13.200W 122-34-13.200W 122-34-13.200W 122-34-13.200W 122-34-13.200W 122-34-13.200W 122-34-13.200W 122-34-13.200W 122-36-49.445W 122-	
18055 Orchard Rocks Daybeacon 47-34-39.084N 122-31-55.223W NB on pole. 18065 - Lighted Buoy 8 47-35-35.773N 122-32-33.318W FI R 2.5s 4 Red. 18070 POINT GLOVER LIGHT 9 47-35-25.098N 122-33-02.153W Q G 25 5 SG on multi-pile structure. HORN mic 5 83A (* operation operation operation operation operation operation operation operation operation operation operation operation operation operation operation operation operation. 8080 WATERMAN POINT LIGHT 12 47-33-56.002N 1122-34-13.200W FI R 6s 24 6 TR on multi-pile structure. Sinclair Inlet 18085 POINT HERRON LIGHT 12 47-33-56.002N 122-36-49.445W FI R 6s 24 6 TR on multi-pile structure.	I: 1 blast ev 30s (3s bl). I is activated by keying th times on VHF-FM Channe 57.075MHz). HORN will e for 15 minutes.
18065 - Lighted Buoy 8	
18070 POINT GLOVER LIGHT 9 47-35-25.098N Q G 25 5 SG on multi-pile structure. HORN mic 5 83A (** operation*) 18075 POINT WHITE LIGHT 10 47-35-24.615N FI R 4s 15 4 TR on multi-pile structure. 18080 WATERMAN POINT LIGHT 47-35-04.200N FI G 4s 26 5 SG on skeleton tower, on caisson. HORN mic 5 81A (** operation*) Sinclair Inlet 18085 POINT HERRON LIGHT 12 47-33-56.002N FI R 6s 24 6 TR on multi-pile structure.	
122-33-02.153W 122-33-02.153W structure. HORN mic 5 83A (** operat 18075 POINT WHITE LIGHT 10 47-35-24.615N FI R 4s 15 4 TR on multi-pile structure. 18080 WATERMAN POINT LIGHT 47-35-04.200N FI G 4s 26 5 SG on skeleton tower, on caisson. HORN mic 5 81A (** operat Sinclair Inlet 18085 POINT HERRON LIGHT 12 47-33-56.002N FI R 6s 24 6 TR on multi-pile structure.	
122-34-02.596W structure. 18080 WATERMAN POINT LIGHT 11 47-35-04.200N FI G 4s 26 5 SG on skeleton tower, on caisson. HORN mic 5 81A (roperal light 18085 POINT HERRON LIGHT 12 47-33-56.002N FI R 6s 24 6 TR on multi-pile structure.	I: 1 blast ev 30s (3s bl). I is activated by keying th times on VHF-FM Chann (57.175MHz). HORN will e for 15 minutes.
11 122-34-13.200W tower, on caisson. HORN mic 5 81A (* operation o	
18085 POINT HERRON LIGHT 12 47-33-56.002N FI R 6s 24 6 TR on multi-pile structure.	I: 1 blast ev 15s (2s bl). I is activated by keying th times on VHF-FM Chann (57.075MHz). HORN will e for 15 minutes.
18086.1 BREMERTON MARINA 47-33-53.213N FI G 2s SG on floating Private NORTH ENTRANCE LIGHT 1 122-37-13.836W FI G 2s breakwater.	e aid.
18086.2 BREMERTON MARINA 47-33-52.538N FI Y 4s NY on floating Private BREAKWATER LIGHT A 122-37-12.655W breakwater.	e aid.
18086.3 BREMERTON MARINA 47-33-48.979N FI Y 4s NY on floating Private BREAKWATER LIGHT B 122-37-11.744W breakwater.	e aid.
18086.4 BREMERTON MARINA 47-33-44.356N FI Y 4s NY on floating Private BREAKWATER LIGHT C 122-37-14.668W Private BREAKWATER LIGHT C 122-37-14.668W	e aid.
18086.5 BREMERTON MARINA 47-33-42.121N FI R 2s TR on floating Private SOUTH ENTRANCE LIGHT 2 122-37-20.202W TR on floating breakwater.	e aid.
18086.6 BREMERTON MARINA 47-33-40.620N FI Y 4s NY on dolphin. Private FLOAT LIGHT D 122-37-20.570W	e aid.
18087 PORT ORCHARD MARINA 47-32-41.700N FI Y 4s 4 Floating Private EAST BREAKWATER LIGHT 122-38-07.700W breakwater.	e aid.
18088.1 BREMERTON FERRY 47-33-40.181N FI Y 6s On steel dolphin. HORN TERMINAL DOLPHIN LIGHT 122-37-29.190W A	l: 1bl ev 10s (4s bl) e aid.
18088.2 BREMERTON FERRY 47-33-40.573N FI Y 6s On steel dolphin. Private TERMINAL DOLPHIN LIGHT 122-37-27.221W B	e aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PUGI	ET SOUND - Northern Part (Cha		WASHINGTON - Thir	teenth Distri	ct		
	air Inlet	,					
18088.3	BREMERTON FERRY TERMINAL DOLPHIN LIGHT C	47-33-40.853N 122-37-26.400W	FI Y 6s			On steel dolphin.	Private aid.
18088.4	BREMERTON FERRY TERMINAL DOLPHIN LIGHT D	47-33-41.675N 122-37-25.048W	FIY6s			On steel dolphin.	HORN: 2bl ev 15s ((2) 2s bl) Private aid.
18088.5	BREMERTON FERRY TERMINAL DOLPHIN LIGHT E	47-33-42.910N 122-37-26.941W	FI Y 6s			On steel dolphin.	Private aid.
18089	BREMERTON FLOATING SECURITY BARRIER LIGHTS (77)	47-33-07.200N 122-38-25.620W	FI Y 2s			Gray floating barrier.	Navy maintained. Floating steel barrier system marked by 77 lights. Private aid.
18090	PORT ORCHARD MARINA ENTRANCE LIGHT 1	47-32-40.000N 122-38-22.000W	FI G 4s	10		On pile.	Private aid.
18095	PORT ORCHARD MARINA ENTRANCE LIGHT 2	47-32-39.000N 122-38-21.000W	FIR 4s	5		On pedestal.	Private aid.
18096	PORT ORCHARD YACHT CLUB LIGHT A	47-32-25.395N 122-38-49.272W	FIY 10s	7		On breakwater.	Private aid.
18097	PORT ORCHARD YACHT CLUB LIGHT 2	47-32-25.885N 122-38-45.256W	FIR 10s	7		On breakwater.	Private aid.
18098	PORT ORCHARD YACHT CLUB LIGHT 3	47-32-25.991N 122-38-44.482W	FI G 10s	7		On breakwater.	Private aid.
18099	PORT ORCHARD YACHT CLUB LIGHT D	47-32-26.727N 122-38-43.384W	FIY 10s	7		On breakwater.	Private aid.
Port \ 18102	Washington Narrows Manette Highway Bridge Port Washington Narrows mile: 0.3	47-34-12.000N 122-37-13.000W				Fixed bridge.	
18103	Warren Avenue Street Bridge Port Washington Narrows mile: 0.5	47-34-48.000N 122-37-56.000W				Fixed bridge.	
18105	BASS POINT LIGHT	47-35-41.000N 122-39-41.000W	FY	5		On pile structure.	Private aid.
	E WASHINGTON SHIP CANAL (hole Bay	Chart 18447)					
18115	- ENTRANCE LEADING LIGHT	47-39-59.683N 122-24-10.801W	Oc R 4s	22		NR on multi-pile structure.	Visible 1.5° each side of channel centerline.
18125	- Entrance Lighted Buoy 1	47-40-45.866N 122-24-53.633W	FI G 2.5s		4	Green.	
18130	- Entrance Lighted Buoy 2	47-40-39.366N 122-24-57.533W	FI R 2.5s		4	Red.	
18135	- Buoy 4	47-40-34.366N 122-24-48.532W				Red nun.	
18140 16790	- BREAKWATER LIGHT 3	47-40-38.009N 122-24-43.363W	FI G 4s	29	5	SG on pile, on breakwater.	
18145	- Buoy 6	47-40-25.366N 122-24-38.532W				Red nun.	
18150	- Buoy 7	47-40-26.341N 122-24-35.307W				Green can.	
18155	- LIGHT 8	47-40-17.223N 122-24-31.299W	FIR 4s	15	4	TR on pile.	
18160	- Buoy 10	47-40-05.367N 122-24-21.731W				Red nun.	
18165	LOWER GUIDE WALL LIGHT	47-40-07.000N 122-24-15.000W	FY	8		On pile structure.	Maintained by U.S. Army Corps of Engineers. Private aid.
18169	Salmon Bay Railroad Bridge Lake Washington Ship Cana mile: 0.1	47-40-01.000N 122-24-07.000W I				Bascule bridge.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1 4 1/2	E WASHINGTON SUID CANAL 1		WASHINGTON - Thirt	eenth Distri	ict		
	E WASHINGTON SHIP CANAL (C shole Bay LAKE WASHINGTON SHIP CANAL SIGNAL LIGHTS (3)	47-40-03.000N 122-24-09.000W	FW				If neither light is shown, vessels bound for large lock must stop a Stop sign (below small lock) unti directed to proceed. Red light must not be passed by vessels bound for large lock; green light indicates that they may proceed Vessels bound for small lock may disregard lights and procee to Stop sign below that lock. Maintained by U.S. Army Corps of Engineers.
Hira r 18175	m M. Chittenden Locks to Lake N UPPER GUIDE WALL LIGHT	_	FY	14		On pile structure.	Maintained by U.S. Army Corps of Engineers. Private aid.
18180	Ballard Street Bridge Lake Washington Ship Canal mile: 1.1	47-39-35.000N 122-22-34.000W				Bascule bridge.	The area
18182	Fremont Street Bridge Lake Washington Ship Canal mile: 2.6	47-38-51.000N 122-20-59.000W				Bascule bridge.	
Lake 18184	Union George Washington Street Bridge Lake Washington Ship Canal mile: 2.7	47-38-48.000N 122-20-50.000W				Fixed bridge.	
18185	- Test Area Lighted Buoy A	47-38-23.000N 122-20-15.000W	FI Y 2.5s			Yellow.	Marks rectangular test area. Private aid.
18190	- Test Area Lighted Buoy B	47-38-23.000N 122-19-56.000W	FI Y 2.5s			Yellow.	Marks rectangular test area. Private aid.
18195	- Test Area Lighted Buoy C	47-38-26.000N 122-19-56.000W	FI Y 2.5s			Yellow.	Marks rectangular test area. Private aid.
18200	- Test Area Lighted Buoy D	47-38-26.000W 122-20-15.000W	FI Y 2.5s			Yellow.	Marks rectangular test area. Private aid.
18205	- Lighted Buoy 11	47-38-36.668N 122-20-01.320W	FI G 6s		4	Green.	i iivate aid.
18210	- Shoal Buoy 2	47-37-49.569N 122-20-13.720W				Red nun.	
18215.1	Seaplane Warning Lighted Buoy A	47-38-17.546N 122-20-05.286W	FI W 4s			White with orange markings.	Seaplane present when buoy shows quick flashing yellow light Seasonal 1 June to 1 September Private aid.
18215.2	Seaplane Warning Lighted Buoy B	47-38-10.149N 122-20-05.708W	FI W 4s			White with orange markings.	Seaplane present when buoy shows quick flashing yellow light Seasonal 1 June to 1 September Private aid.
18215.3	Seaplane Warning Lighted Buoy C	47-38-02.753N 122-20-06.130W	FI W 4s			White with orange markings.	Seaplane present when buoy shows quick flashing yellow light Seasonal 1 June to 1 September Private aid.
18215.4	Seaplane Warning Lighted Buoy D	47-37-55.356N 122-20-06.551W	FI W 4s			White with orange markings.	Seaplane present when buoy shows quick flashing yellow light Seasonal 1 June to 1 September Private aid.
18215.5	Seaplane Warning Lighted Buoy E	47-37-47.959N 122-20-06.973W	FI W 4s			White with orange markings.	Seaplane present when buoy shows quick flashing yellow light Seasonal 1 June to 1 September Private aid.
18220	FLO VILLA LIGHTS (2)	47-38-19.190N 122-19-51.684W	FY	10		Dolphin.	Private aid.
18221	WARDS COVE MARINA LIGHT A	47-38-46.361N 122-19-41.299W	FIY4s			On float dock.	Private aid.
18221.1	WARDS COVE MARINA LIGHT B	47-38-48.813N 122-19-39.600W	FIY4s			On float dock.	Private aid.
18222	WARDS COVE FLOAT HOUSE LIGHT A	47-38-49.099N 122-19-37.706W	FIY4s			On float house.	Private aid.
18222.1	WARDS COVE FLOAT HOUSE LIGHT B	47-38-50.218N 122-19-36.976W	FI Y 4s			On float house.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE	WASHINGTON SHIP CANAL (C		WASHINGTON - Thir	teenth Distri	ict		
Lake 18223	Union WARDS COVE FLOAT HOUSE LIGHT C	47-38-50.367N 122-19-35.436W	FIY4s			On float house.	Private aid.
18224	NET ANCHOR PILING LIGHT		FIY4s			On piling.	Private aid.
18225	- Buoy 12	47-39-09.369N 122-19-23.013W				Red nun.	
18230	Interstate 5 Highway Bridge Lake Washington Ship Canal mile: 4.2	47-39-11.000N				Fixed bridge.	
18235	University Street Bridge Lake Washington Ship Canal mile: 4.3	47-39-09.000N 122-19-13.000W				Bascule bridge.	
Union	n Bay Reach						
18240	Montlake Street Bridge Lake Washington Ship Canal mile: 5.2	47-38-50.000N 122-18-16.000W				Bascule bridge.	
18245	- Buoy 15	47-38-50.869N 122-17-53.316W				Green can.	
18250	- Buoy 16	47-38-48.969N 122-17-53.316W				Red nun.	
18255	- Buoy 17	47-38-50.869N 122-17-25.415W				Green can.	
18260	- Buoy 18	47-38-48.569N 122-16-53.314W				Red nun.	
18265	- Buoy 19	47-38-50.869N 122-16-51.514W				Green can.	
Lake	Washington						
18270	WEBSTER POINT LIGHT 21	47-38-51.384N 122-16-33.597W	FI G 4s	19	5	SG on pile.	Light obscured from 121° to 199°.
18280	Juanita Bay Shoal Daybeacon Marks shoal 175 feet northwest.	47-41-49.631N 122-13-01.153W				NR on pile.	
18290	NOAA PIER CLEARANCE LIGHTS (2)	47-41-17.210N 122-15-34.610W	FY			On northwest and northeast corners of pier.	Aid maintained by National Oceanic and Atmospheric Administration. Private aid.
18293	Kenmore Channel Lighted Mooring Buoy	47-45-04.906N 122-15-56.015W	FI W 4s			White with blue band.	Private aid.
18295	Kenmore Channel Lighted Buoy 2	47-45-08.213N 122-15-46.777W	FI R 2.5s		4	Red.	
18300	Kenmore Channel Lighted Buoy 4	47-45-14.170N 122-15-41.523W	FIR 4s		4	Red.	
18300.5	Juanita Bay Regulatory Buoys (5)	47-42-00.634N 122-12-49.284W				5 Orange and white can buoys.	Regulatory. Private aid.
18301	CARILLON POINT MARINA NORTH ENTRANCE LIGHT	47-39-22.500N 122-12-32.500W	FIY4s			On breakwater.	Private aid.
18302	Carillon Point Marina Lighted Regulatory Buoy	47-39-19.500N 122-12-34.000W	FI W 4s			White and orange.	Private aid.
18303	CARILLON POINT MARINA SOUTH ENTRANCE LIGHT	47-39-16.500N 122-12-32.500W	FIY4s			On breakwater.	Private aid.
18322	SR-520 Bridge East Channel NE Mooring Cable Lighted Warning Buoy	47-38-21.552N 122-14-36.312W	FI W 2s			Orange and white.	Marks bridge pontoon cable. Private aid.
18324	SR-520 Bridge East Channel NE Mooring Cable Warning Sign	47-38-19.575N 122-14-36.895W				Orane and white.	Marks bridge pontoon cable. Private aid.
18326	SR-520 Bridge East Channel SE Mooring Cable Warning Sign	47-38-17.268N 122-14-37.689W				Orange and white.	Marks bridge pontoon cable. Private aid.
18328	SR-520 Bridge East Channel SE Mooring Cable Lighted Warning Buoy	47-38-15.869N 122-14-38.155W	FI W 2s			Orange and white.	Marks bridge pontoon cable. Private aid.
18330	SR-520 BRIDGE MAINTENANCE PIER NORTH LIGHT A	47-38-17.880N 122-14-31.460W	FIY6s			NY on Pier.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE	WASHINGTON SHIP CANAL (C		WASHINGTON - Thirt	eenth Distri	ct		
	Washington	,					
18335	SR-520 BRIDGE MAINTENANCE PIER SOUTH LIGHT B	47-38-17.200N 122-14-31.140W	FI Y 6s			NY on Pier.	Private aid.
18340	SR 520 Evergreen Point Highway Bridge Lake Washington	47-38-25.000N 122-15-35.000W				Floating bridge.	
18342	SR-520 Bridge West Channel SW Mooring Cable Lighted Warning Buoy	47-38-30.929N 122-16-28.270W	FI W 2s			Orange and white.	Marks bridge pontoon cable. Private aid.
18344	SR-520 Bridge West Channel SW Mooring Cable Warning Sign	47-38-34.172N 122-16-27.251W				Orange and white.	Marks bridge pontoon cable. Private aid.
18346	SR-520 Bridge West Channel NW Mooring Cable Warning Sign	47-38-36.482N 122-16-26.474W				Orange and white.	Marks bridge pontoon cable. Private aid.
18348	SR-520 Bridge West Channel NW Mooring Cable Lighted Warning Buoy	47-38-37.209N 122-16-26.335W	FI W 2s			Orange and white.	Marks bridge pontoon cable. Private aid.
18350	- Central Monitoring Lighted Buoy	47-36-44.000N 122-15-15.400W	FIY4s			Yellow buoy.	Private aid.
18375	BELLEVUE MARINA DOCK LIGHTS (8)	47-36-36.000N 122-12-30.000W	FY	4		On end of piers.	Private aid.
18380	MEYDENBAUER BAY YACHT CLUB LIGHTS (6)	47-36-28.429N 122-12-30.322W	FY			On corners of docks.	Private aid.
18385	SOUTH LESCHI BREAKWATER LIGHTS (5)	47-36-05.259N 122-17-00.628W	FY			On floating breakwater.	Private aid.
18387	NORTH LESCHI BREAKWATER LIGHTS (5)	47-36-14.688N 122-16-55.991W	FY			On floating breakwater.	Private aid.
18389	Interstate 90 Highway Bridge (west channel) Lake Washington	47-35-23.000N 122-16-10.000W				Floating bridge.	
18390	Andrews Bay Shoal Daybeacon Marks shoal 100 feet southwest.	47-33-44.995N 122-15-53.956W				NB on pile.	
18395	Renton Regulatory Buoys (4)	47-32-14.500N 122-11-55.700W				White and orange can buoys.	Regulatory Private aid.
18396.1	Southport Slow No Wake Buoy N	47-30-19.120N 122-12-23.470W				White and orange can.	Private aid.
18396.2	Southport Slow No Wake Buoy C	47-30-16.130N 122-12-25.130W				White and orange can.	Private aid.
18396.3	Southport Slow No Wake Buoy S	47-30-13.900N 122-12-28.010W				White and orange can.	Private aid.
18396.4	Southport Danger Shoaling Buoy W	47-30-14.671N 122-12-22.745W				White and orange can.	Private aid.
18396.5	Southport Danger Shoaling Buoy E	47-30-14.430N 122-12-21.090W				White and orange can.	Private aid.
18396.6	Southport Lighted Buoy 1	47-30-15.380N 122-12-24.400W	FI G 4s			Green can.	Private aid.
18396.7	Southport Lighted Buoy 2	47-30-13.620N 122-12-27.560W	FIR 4s			Red nun.	Private aid.
18396.8	SOUTHPORT DOCK LIGHT 4	47-30-12.420N 122-12-24.870W	FIR 6s			On dock.	Private aid.
18396.9	SOUTHPORT DOCK LIGHT A	47-30-11.600N 122-12-19.900W	FI Y 6s			On dock.	Private aid.
18398	Interstate 90 Highway Bridge (east channel) Lake Washington.	47-34-43.000N 122-12-02.000W				Fixed bridge.	
	ET SOUND - Seattle to Olympia	(Chart 18448)					
Puge 18400	t Sound HUNTER POINT LIGHT 1	47-10-25.772N 122-55-09.777W	FI G 4s	14	4	SG on tower.	
18405	Squaxin Passage Reef Buoy 2					Red nun.	
		122-00-20.01188					

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
DIIGE	T SOUND - Seattle to Olympia		WASHINGTON - Thir	teenth Distri	ict		
Squa	xin Passage	(Chart 10440)					
Totte : 18408	n Inlet WINDY POINT SHELLFISH PEN LIGHT A	47-10-20.130N 122-57-32.772W	FIY4s			Wood shellfish float.	Maintaned from April 1 to November 1. Private aid.
18410	- AQUACULTURE LIGHT A	47-07-41.322N 123-00-59.789W	FIY6s			On floating pen.	Private aid.
18411	- AQUACULTURE LIGHT B	47-07-39.504N 123-01-00.264W	FIY6s			On floating pen.	Private aid.
Puge t 18412	t Sound Kamilche Sea Farms Lighted Buoy A	47-07-31.379N 123-01-05.124W	FIY5s			Yellow.	Private aid.
-	xin Passage n Inlet						
18413	- MUSSEL RAFT LIGHT A	47-08-55.993N 122-58-31.238W	FIY4s			On floating raft.	Private aid.
18414	- MUSSEL RAFT LIGHT B	47-08-51.238N 122-58-32.023W	FIY4s			On floating raft.	Private aid.
Puge 1 18415	t Sound Totten Inlet Daybeacon 1	47-11-13.838N 122-56-32.619W				SG on pile.	
Ham n 18426	nersley Inlet HUNGERFORD POINT LIGHT 2	47-12-18.481N 122-56-08.448W	FIR 4s	15	4	TR on multi-pile structure.	
18435	LIBBY POINT LIGHT 4	47-11-59.489N 122-59-22.671W	FIR 4s	18	4	TR on tower, on dock.	
18440	CHURCH POINT LIGHT 6	47-12-27.668N 123-00-45.261W	FIR 6s	20	4	TR on tower.	
18445	Oakland Bay Lighted Mooring Buoy	47-13-18.181N 123-04-26.105W	FI W 4s			White buoy with blue band.	Private aid.
18450	PEALE PASSAGE FISH PEN LIGHTS (2)	47-12-02.600N 122-54-13.000W	FIY 6s			On floating pen.	Private aid.
18452	SQUAXIN ISLAND FISH PEN LIGHTS (2)	47-12-11.100N 122-54-17.200W	FIY 6s			On floating pen.	Private aid.
18454	SALISH SEAFOODS FLOATING PEN LIGHT	47-12-53.265N 122-54-46.019W	FIY 6s			On corner of pen.	Private aid.
18454.5	Hartstene Island Highway Bridge Pickering Passage	47-14-44.000N 122-55-33.000W				Fixed bridge.	
PUGE	T SOUND - Northern Part (Cha	rt 18441)					
Posse 18455 16560	ession Sound Possession Point Lighted Bell Buoy 1	47-53-48.558N 122-23-07.460W	FI G 4s		4	Green.	
18460	Mukilteo Light	47-56-55.499N 122-18-22.534W	FI W 5s	33	12	White octagonal tower with red roof, attached to white square building. 33	Lighted throughout 24 hours. HORN: 1 blast ev 30s (3s bl). HORN is activated by keying th mic 5 times on VHF-FM Channe 83A (157.175MHz). HORN will operate for 30 minutes.
18465	MUKILTEO FERRY TERMINAL DOLPHIN LIGHT	47-57-04.269N 122-17-51.450W	FIY6s			On floating dolphin.	HORN: 1 (5sec bl) ev 22sec Private aid.
18466	EVERETT RAIL DOCK LIGHT A	47-57-15.606N 122-17-18.996W	FIY6s	20		Cement dock.	Private aid.
18467	EVERETT RAIL DOCK LIGHT B	47-57-15.591N 122-17-17.577W	FIY6s	20		Cement dock.	Private aid.
18468	Clinton Ferry Dock Shoal Buoy	47-58-40.920N 122-21-01.200W				White and orange bands, spherical.	Private aid.
18470	CLINTON FERRY TERMINAL DOLPHIN LIGHT A	47-58-27.592N 122-20-55.089W	FIY 6s			On steel dolphin.	SIREN: 1bl ev 17s (7s bl) Private aid.
18471	CLINTON FERRY TERMINAL DOLPHIN LIGHT B	122-20-57.125W	FI Y 6s			On steel dolphin.	Private aid.
18472	CLINTON FERRY TERMINAL DOLPHIN LIGHT C	122-20-59.263W	FI Y 6s			On steel dolphin.	Private aid.
18473	CLINTON FERRY TERMINAL DOLPHIN LIGHT D	47-58-36.277N 122-20-56.925W	FIY 6s			On steel dolphin.	SIREN: 1bl ev 23s (17s bl) Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PUGI	ET SOUND - Northern Part (Cha		WASHINGTON - Thirt	eenth Distr	ict		
Poss 18475	ession Sound COLUMBIA BEACH OUTFALL PIPE LIGHT	47-58-16.432N 122-20-59.817W	FI W 4s			NW on steel pipe pile.	Private aid.
18480	GEDNEY ISLAND LIGHT 1	48-00-15.518N 122-17-49.582W	FI G 2.5s	15	4	SG on pile.	
18489	HAT ISLAND MARINA BREAKWATER LIGHT 1	48-01-13.645N 122-19-18.347W	FI G 4s			SG on pile structure.	Private aid.
18490	HAT ISLAND MARINA BREAKWATER LIGHT 2	48-01-14.131N 122-19-18.934W	FIR 4s			TR on pile structure.	Private aid.
Port 9	Gardner STEAMBOAT FLATS LIGHT	48-00-56.293N	FI W 2.5s	15	4	NB on multi-pile	
18500	- LIGHT 1	122-16-14.421W 47-59-29.940N	FI G 4s	15	4	structure. SG on multi-pile	
16300		122-14-54.486W	FI G 45	10	4	structure.	
18504	- Anchorage V-AIS AO	47-59-02.278N 122-14-46.451W					Virtual AIS: MMSI 993692247 (21).
18506	EVERETT FLOATING SECURITY BARRIER LIGHTS (32)	47-58-53.421N 122-14-01.201W	FIY2s			Gray floating barrier.	Navy maintained. Floating stee barrier system marked by 32 lights. Private aid.
18510	PORT OF EVERETT MARINE TERMINAL NORTH DOLPHIN LIGHT	47-58-36.717N 122-13-35.709W	FIY4s			On cement dolphin.	Private aid.
18511	PORT OF EVERETT MARINE TERMINAL SOUTH DOLPHIN LIGHT		FIY4s			On cement dolphin.	Private aid.
	RETT HARBOR (Chart 18444)						
Snoh 18520	omish River - Lighted Buoy 3	47-58-56.965N 122-14-03.205W	FI G 2.5s		4	Green.	
18535	- LIGHT 5	47-59-16.685N 122-13-47.637W	FI G 4s	16	5	SG on multi-pile structure.	
18540	NAVSTA PIER LIGHT A	47-59-29.150N 122-13-27.520W	FY			On southwest corner of pier.	Navy maintained. Private aid.
18541	NAVSTA PIER LIGHT B	47-59-39.970N 122-13-26.250W	FY			On northwest corner of pier.	Navy maintained. Private aid.
18545	ANTHONY'S LIGHTHOUSE	47-59-42.000N 122-13-24.000W	FI W 2.5s			Red and white wooden building.	Private aid.
18546.1	PORT OF EVERETT MARINA LIGHT 2	47-59-50.578N 122-13-25.582W	FIR 4s			On dolphin.	Private aid.
18546.2	PORT OF EVERETT MARINA LIGHT 1	47-59-52.090N 122-13-25.406W	FI G 4s			On dolphin.	Private aid.
18546.3	PORT OF EVERETT 12TH STREET MARINA LIGHT 2	48-00-07.005N 122-13-25.126W	FIR 4s			On dolphin.	Private aid.
18546.4	PORT OF EVERETT 12TH STREET MARINA LIGHT 1	48-00-08.229N 122-13-24.866W	FI G 4s			On dolphin.	Private aid.
18546.5	PORT OF EVERETT BOAT LAUNCH LIGHT 2	48-00-17.063N 122-13-23.808W	FIR 4s			On dolphin.	Private aid.
18546.6	PORT OF EVERETT BOAT LAUNCH LIGHT 1	48-00-17.716N 122-13-23.783W	FI G 4s			On dolphin.	Private aid.
18547	PORT OF EVERETT JETTY ISLAND LIGHT A	48-00-14.242N 122-13-34.995W	FIY4s			On pile.	Private aid.
18548	PORT OF EVERETT JETTY ISLAND LIGHT B	48-00-13.142N 122-13-35.494W	FIY4s			On pile.	Private aid.
18549	PORT OF EVERETT JETTY ISLAND LIGHT C	48-00-11.442N 122-13-35.494W	FIY4s			On pile.	Private aid.
18550	- RANGE FRONT LIGHT	48-00-54.996N 122-13-27.867W	QG	20		KRB on skeleton tower.	Visible all around.
18555	- RANGE REAR LIGHT 339 yards, 002.7° from front light.	48-01-05.032N 122-13-27.156W	Iso G 6s	41		KRB on skeleton tower. On same structure as Snohomish River Range C Rear Daybeacon.	Visible 5.5° each side of rangeline.
18560	- Range A Front Daybeacon	48-00-36.879N 122-13-36.054W				KRB on multi-pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
EVED	ETT HADDOD (Chart 19444)	,	WASHINGTON - Thir	teenth Distri	ict		
	ETT HARBOR (Chart 18444) omish River						
18565	 Range A Rear Daybeacon 136 yards, 213.6° from front daybeacon. 	48-00-33.515N 122-13-39.388W				KRB on tripod tower.	
18570	- Range B Front Daybeacon	48-00-52.865N 122-13-29.569W				KRB on tripod tower.	
18575	 Range B Rear Daybeacon 171 yards, 236.1° from front daybeacon. 	48-00-50.036N 122-13-35.838W				KRB on tripod tower.	
18580	- Range C Front Daybeacon	48-01-07.131N 122-13-15.315W				KRB on tripod tower.	
18585	- Range C Rear Daybeacon 276 yards, 255.0° from front daybeacon.	48-01-05.018N 122-13-27.098W				KRB on skeleton tower. On same structure as Snohomish River Range Rear Light.	
18586	- LIGHT 7	48-01-10.323N 122-12-56.359W	FI G 2.5s	15	4	SG on pile.	
18590	- LIGHT 8	48-01-06.991N 122-12-48.292W	FIR 4s	15	4	TR on pile.	
18591.1	Burlington Northern Railroad Bridge 37 Snohomish River mile: 3.5	48-01-02.000N 122-11-19.000W				Swing bridge.	
18591.2	SR 529 Highway Bridge (South Bound) Snohomish River mile: 3.7	48-01-01.000N 122-11-15.000W				Vertical lift bridge.	
18591.3	SR 529 Highway Bridge (North Bound) Snohomish River mile: 3.7	48-01-01.000N 122-11-14.000W				Vertical lift bridge.	
18592	- MOORING DOLPHIN LIGHT A	48-00-52.930N 122-10-54.606W	FIY4s			On dolphin.	Private aid.
18593	- MOORING DOLPHIN LIGHT B	48-00-50.288N 122-10-49.853W	FIY4s			On dolphin.	Private aid.
18594.1	Interstate 5 Highway Bridge (South Bound) Snohomish River mile: 5.4	47-59-35.000N 122-10-47.000W				Fixed bridge.	
18594.11	SR 529 Highway Bridge (North Bound) Snohomish River - Steamboat Slough mile: 1.2	48-02-09.000N 122-10-53.000W				Swing bridge.	
18594.12	Interstate 5 Highway Twin Bridge Snohomish River - Steamboat Slough mile: 1.3	48-02-09.000N 122-10-42.000W				Fixed Bridge.	
18594.2	Interstate 5 Highway Bridge (North Bound) Snohomish River mile: 5.4	47-59-34.000N 122-10-47.000W				Fixed bridge.	
18594.3	SR 2 Highway Bridge (West Bound) Snohomish River mile: 6.7	47-58-46.000N 122-10-52.000W				Fixed bridge.	
18594.4	SR 2 Highway Bridge (East Bound) Snohomish River mile: 6.9	47-58-43.000N 122-10-58.000W				Fixed bridge.	
18594.5	Interstate 5 Highway Bridge Snohomish River - Ebey Slough mile: 1.4	48-02-50.000N 122-10-59.000W				Fixed bridge.	
18594.6	Burlington Northern Santa Fe Railroad Bridge 38.3 Snohomish River - Ebey Slough mile: 1.5	48-02-49.000N 122-10-53.000W				Swing bridge.	
18594.7	SR 529 Highway Bridge Snohomish River - Ebey Slough mile: 1.6	48-02-46.000N 122-10-43.000W				Swing bridge.	
18594.8	Burlinton Northern Santa Fe Steamboat Slough Railroad Bridge Snohomish River - Steamboat Slough mile: 1.0	48-02-08.000N 122-11-03.000W				Swing bridge.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
EVER	EETT HARBOR (Chart 18444)	<u> </u>	WASHINGTON - Thir	teenth Distri	ct		
	omish River SR 529 Highway Bridge (South Bound) Snohomish River - Steamboat Slough mile: 1.1	48-02-09.000N 122-10-58.000W				Swing bridge.	
	ET SOUND - Northern Part (Cha	rt 18441)					
Sarat 18595	oga Passage TULALIP BAY LIGHT 2	48-03-16.023N 122-17-39.226W	FIR 4s	15	4	TR on pile.	
18598	TULALIP TRIBES BREAKWATER LIGHT A	48-03-41.864N 122-16-46.761W	FIY6s			On breakwater.	Private aid.
18599	KAYAK POINT PIER LIGHT	48-08-11.800N 122-22-07.500W	FIY6s			On wood pier.	Private aid.
18600	Port Susan Research Lighted Buoy	48-10-32.544N 122-25-12.210W	FIY4s			Yellow.	Private aid.
18605	CAMANO HEAD LIGHT 1 Marks submerged rocks.	48-03-08.751N 122-21-28.222W	FI G 6s	15	4	SG on multi-pile structure.	
18610	SANDY POINT LIGHT 1	48-02-03.405N 122-22-34.573W	FI G 4s	24	4	SG on pole, on concrete tower.	
Langl 18611	ley Breakwater LANGLEY HARBOR OUTER BREAKWATER LIGHT A	48-02-20.657N 122-24-10.876W	FΥ			On floating breakwater.	Private aid.
18611.5	LANGLEY HARBOR OUTER BREAKWATER LIGHT B	48-02-19.742N 122-24-07.194W	FY			On floating breakwater.	Private aid.
18612	LANGLEY HARBOR OUTER BREAKWATER LIGHT 2	48-02-18.318N 122-24-06.606W	FIR 4s			On floating breakwater.	Private aid.
18612.5	LANGLEY HARBOR INNER DOCK LIGHT C	48-02-19.750N 122-24-12.540W	FY			On inner dock.	Private aid.
18613	LANGLEY HARBOR INNER DOCK LIGHT D	48-02-19.900N 122-24-10.520W	FY			On inner dock.	Private aid.
18613.5	LANGLEY HARBOR INNER DOCK LIGHT E	48-02-19.050N 122-24-08.920W	FY			On inner dock.	Private aid.
18614	LANGLEY HARBOR INNER DOCK LIGHT 4	48-02-18.180N 122-24-09.610W	FIR 6s			On inner dock.	Private aid.
18615	Holmes Harbor Buoy 1	48-06-12.198N 122-31-56.441W				Green can.	
	oga Passage						
18620	EAST POINT LIGHT 3	48-05-49.098N 122-29-29.462W	FI G 6s	21	6	SG on skeleton tower.	
18625	- LIGHT 4	48-07-57.399N 122-30-39.076W	FIR 4s	15	5	TR on skeleton tower.	
18630	ONAMAC POINT LIGHT 6	48-11-01.893N 122-32-13.036W	FIR 6s	15	5	TR on skeleton tower.	
18633	Snatelum Point Buoy 1 Marks shoal off point.	48-13-44.714N 122-37-17.552W				Green can.	
18645	PENN COVE MUSSEL RAFT EAST LIGHTS (2)	48-13-15.657N 122-42-13.489W	FIY6s			On aquaculture facility.	Private aid.
18646	PENN COVE MUSSEL RAFT WEST LIGHTS (2)	48-13-05.146N 122-42-45.454W	FIY6s			On aquaculture facility.	Private aid.
18670	ROLLING HILLS PIER LIGHT	48-14-15.240N 122-42-32.100W	QY			On end of pier.	Private aid.
18672	Penn Cove Research Lighted Buoy A	48-14-13.200N 122-39-18.000W	FI (5)Y 20s			Yellow foam buoy with tower.	Private aid.
18673	Penn Cove Research Lighted Buoy B	48-14-13.200N 122-39-14.400W	FI (5)Y 20s			Yellow foam buoy with tower.	Private aid.
Oak H	Harbor						
18675	- Lighted Buoy 2	48-15-26.015N 122-37-42.064W	FIR 4s		4	Red.	
18680	- LIGHT 4	48-16-02.371N 122-38-22.496W	FI R 2.5s	15	4	TR on pile.	
18690	- Shoal Lighted Buoy 5	48-16-04.937N 122-38-34.338W	FI G 4s		4	Green.	Marks shoal.
18695	- Buoy 7	48-16-18.550N 122-38-51.284W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PUGE	T SOUND - Northern Part (Cha		WASHINGTON - Thirt	teenth Distri	ct		
Oak H	larbor	•	ELD O		4	D. J	
18700	- Lighted Buoy 8	48-16-23.945N 122-38-45.742W	FIR 6s		4	Red.	
18705	- LIGHT 10	48-16-38.591N 122-38-50.165W	FIR 4s	15	4	TR on pile.	
18709	- Lighted Buoy 11	48-16-37.561N 122-39-04.263W	Fl G 6s		4	Green.	
18715	- LIGHT 12	48-16-53.132N 122-38-44.228W	FI R 2.5s	15	3	TR on pile.	
Oak H 18724	Harbor Marina - NORTH ENTRANCE LIGHT 1	48-17-09.180N 122-38-13.400W	FI G 6s			On pile.	Private aid.
18725	- NORTH ENTRANCE LIGHT 2	48-17-08.890N 122-38-11.770W	FIR 6s			On breakwater.	Private aid.
18726	- Shoal Warning Lighted Buoy B	48-17-11.640N 122-38-14.040W	FI W 6s			White and orange.	Private aid.
18727	- North Entrance Daybeacon 3	48-17-12.350N 122-38-13.040W				SG on dolphin.	Private aid.
18728	- Shoal Warning Lighted Buoy C		FI W 6s			White and orange.	Private aid.
18729	- North Entrance Daybeacon	48-17-11.580N 122-38-08.640W				SG on Pile.	Private aid.
18729.1	- Shoal Warning Lighted Buoy D		FI W 6s			White and orange.	Private aid.
18729.2	- Shoal Warning Lighted Buoy E	48-17-12.900N 122-38-01.320W	FI W 6s			White and orange.	Private aid.
18730	- BREAKWATER LIGHT A	48-17-07.020N 122-38-10.920W	FIY6s			On breakwater.	Private aid.
18735	- SOUTH ENTRANCE LIGHT 1	48-17-02.380N 122-38-09.550W	FI G 6s			On breakwater.	Private aid.
18736	- SOUTH ENTRANCE LIGHT 2	48-17-01.640N 122-38-09.320W	FIR 6s			On pile.	Private aid.
Sarate 18750	oga Passage CRESCENT HARBOR NAVY PIER BREAKWATER LIGHT	48-17-05.923N 122-37-07.697W	FIY6s			On end of breakwater.	Maintained by the U.S. Navy. Private aid.
Skagi 18755	t Bay - Buoy 2	48-16-17.375N 122-30-16.646W				Red nun.	
18756	MARINERS COVE ENTRANCE LIGHT 1	48-17-15.980N 122-31-10.480W	FI G 4s			SG on steel pile.	Private aid.
18757	MARINERS COVE ENTRANCE LIGHT 2	48-17-16.690N 122-31-09.100W	FIR 4s			TR on steel pile.	Private aid.
18758	MARINERS COVE WARNING LIGHT A		FI W 6s			NW on steel pile.	Marks submerged coffer dam. Private aid.
18759	MARINERS COVE WARNING LIGHT B	48-17-17.250N 122-31-10.010W	FI W 6s			NW on steel pile.	Marks submerged coffer dam. Private aid.
18760	STRAWBERRY POINT LIGHT	48-18-00.627N 122-30-14.008W	FI G 4s	15	5	SG on dolphin.	
18765	- Lighted Buoy 4	48-18-07.567N 122-29-06.388W	FIR 4s		4	Red.	
STRA	IT OF JUAN DE FUCA TO STRA	AIT OF GEORGIA (Chart 18421)				
Skagi 18770	t Bay - Buoy 6	48-19-30.145N				Red nun.	
18771	- Buoy 8	122-30-40.962W 48-19-55.518N 122-31-23.384W				Red nun.	
18775	- Lighted Buoy 10	48-20-24.048N	FIR 4s		4	Red.	
18780	- Buoy 12	122-32-04.578W 48-21-04.030N				Red nun.	
01	4 Divor	122-32-57.183W					
Skagi 18783	t River SR 536 Division Street Bridge Skagit River mile: 12.5	48-25-18.000N 122-20-24.000W				Swing bridge.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
- CTDA	IT OF JUAN DE FUCA TO STRA		VASHINGTON - Third	teenth Distri	ict		
	omish Channel South Entrance	AT OF GEORGIA (C	Hart 10421)				
18785	- RANGE FRONT LIGHT	48-21-32.965N 122-33-57.729W	QW	17		KRB on multi-pile structure.	Visible all around; higher intensit 1.5° each side of rangeline.
18790	 RANGE REAR LIGHT 1,199 yards, 251.9° from front light. 	48-21-21.954N 122-34-48.376W	Iso W 6s	55		KRB on skeleton tower, on multi-pile structure.	Visible 14° each side of rangeline.
18795	- LIGHT 1	48-21-43.570N 122-33-18.431W	FI G 2.5s	15	4	SG on multi-pile structure.	
18797	- Lighted Buoy 2	48-21-37.297N 122-33-15.010W	FI R 2.5s		4	Red.	
18800	- Buoy 4	48-21-42.504N 122-33-06.094W				Red nun.	
18802	- Buoy 5	48-21-46.925N 122-33-03.658W				Green can.	
18805	- Daybeacon 6	48-21-46.524N 122-32-49.723W				TR on pile.	
18807	- Daybeacon 8	48-21-50.448N 122-32-31.085W				TR on pile.	
18810	- LIGHT 11	48-21-55.476N 122-32-22.467W	FI G 4s	10	4	SG on multi-pile structure.	Obscured from 072° to 255°.
18812	- Daybeacon 12	48-21-52.801N 122-32-20.648W				TR on pile.	
18815	- Daybeacon 13	48-22-02.080N 122-31-51.080W				SG on pile.	
18817	- Daybeacon 14	48-22-02.271N 122-31-32.416W				TR on pile.	
18820	- Daybeacon 15	48-22-10.007N 122-31-13.038W				SG on pile.	
18825	- Daybeacon 16	48-22-13.085N 122-30-37.701W				TR on pile.	
18830	- LIGHT 17	48-22-17.244N 122-30-38.555W	QG	15	3	SG on concrete crib.	
18835	- LIGHT 18	48-22-29.055N 122-30-33.604W	QR	15	3	TR on pole.	
18840	- LIGHT 20	48-22-58.492N 122-30-22.478W	FIR 4s	15	4	TR on pile.	
18841	Rainbow Highway Bridge Swinomish channel mile: 3.2	48-23-13.000N 122-30-08.000W				Fixed bridge.	
18842	LA CONNER MARINA SOUTH BASIN LIGHT	48-23-46.982N 122-29-48.271W	FY			On pile structure.	Private aid.
18845	LA CONNER MARINA NORTH BASIN LIGHT	48-24-01.840N 122-29-46.460W	FY			On pile structure.	Private aid.
PUGE	T SOUND - Northern Part (Cha	rt 18441)					
Skagi 18880	t Bay SEAL ROCKS LIGHT 14	48-22-25.641N 122-33-47.714W	FIR 4s	20	4	TR on tower.	
18885	HOPE ISLAND LIGHT 16	48-23-45.331N 122-34-43.087W	FI R 2.5s	23	4	TR on pole.	
18889	North Skagit Bay Research Lighted Buoy	48-24-45.292N 122-34-26.026W	FIY4s			Yellow buoy.	Private aid.
	IT OF JUAN DE FUCA TO STRA		hart 18421)				
Dece 18890	otion Pass BEN URE ISLAND LIGHT 2	48-24-16.455N 122-37-42.665W	FIR 4s	15	5	TR on pole.	
18895	- LIGHT 1	48-24-29.013N 122-39-23.675W	FI G 4s	50	6	SG on pole.	
18897	- STATE PARK DOCK LIGHT A		FIY4s			NY on dock.	Private aid.
18898	- STATE PARK DOCK LIGHT B		FIY4s			NY on dock.	Private aid.
Corne	et Bay	48-24-02.717N	FI G 4s			SG on pile.	Private aid.

STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA Cornet Bay 18905 - LIGHT 2 48-24-02.714N 122-37-37.812W 18915 - Daybeacon 3 48-24-01.389N 122-37-37.376W 18920 - Daybeacon 4 48-24-01.699N 122-37-38.312W 18925 - Daybeacon 5 48-23-59.279N 122-37-38.424W 18930 - Daybeacon 6 48-23-59.737N 122-37-39.475W 18935 - Daybeacon 7 48-23-57.213N 122-37-39.244W 18940 - Daybeacon 8 48-23-57.821N 122-37-40.490W Guemes Channel 18945 - Lighted Buoy 2 48-30-39.887N 122-41-54.696W 18948 ANACORTES FERRY 48-31-12.000N 122-37-24.000W 18955 ANACORTES FERRY 48-30-29.159N 122-40-38.218W A 18956 ANACORTES FERRY 48-30-29.159N 122-40-38.218W 122-40-38.218W A 18957 ANACORTES FERRY 48-30-28.742N 122-40-35.956W 122-40-35.956W 122-40-34.246W 122-40-34.246W 122-40-34.246W 122-40-34.246W 122-40-34.246W 122-40-34.246W 122-40-34.246W 122-41-01.753W	FIR 4s	teenth Distri	ict	TR on pile. SG on pile. TR on pile. SG on pile. TR on pile. SG on pile.	Private aid. Private aid. Private aid. Private aid. Private aid.
Cornet Bay 18905 - LIGHT 2 48-24-02.714N 122-37-37.812W 18915 - Daybeacon 3 48-24-01.389N 122-37-37.376W 18920 - Daybeacon 4 48-24-01.699N 122-37-38.312W 18925 - Daybeacon 5 48-23-59.279N 122-37-38.424W 18930 - Daybeacon 6 48-23-59.737N 122-37-39.475W 18935 - Daybeacon 7 48-23-57.213N 122-37-39.244W 18940 - Daybeacon 8 48-23-57.821N 122-37-39.244W 18945 - Lighted Buoy 2 48-30-39.887N 122-41-54.696W 18948 ANACORTES FERRY 48-31-12.000N 122-41-54.696W 18955 ANACORTES FERRY 48-30-29.159N 122-40-38.218W ARACORTES FERRY TERMINAL DOLPHIN LIGHT ARACORTES FERRY TERMINAL DOLPHIN LIGHT BR 48-30-28.742N 122-40-35.956W 122-40-35.956W 122-40-35.956W 122-40-35.956W 122-40-34.246W 122-40-34	FIR 4s			SG on pile. TR on pile. SG on pile. TR on pile.	Private aid. Private aid. Private aid.
122-37-37.812W 18915 - Daybeacon 3				SG on pile. TR on pile. SG on pile. TR on pile.	Private aid. Private aid. Private aid.
122-37-37.376W 18920 - Daybeacon 4 18925 - Daybeacon 5 18930 - Daybeacon 6 18930 - Daybeacon 6 18935 - Daybeacon 7 18940 - Daybeacon 7 18940 - Daybeacon 8 18940 - Daybeacon 8 18945 - Lighted Buoy 2 18945 - Lighted Buoy 2 18948 ANACORTES FERRY 48-30-39.887N 122-37-24.000W 18955 ANACORTES FERRY 48-30-29.159N 122-37-24.000W 18956 ANACORTES FERRY 48-30-29.159N 122-40-38.218W ANACORTES FERRY 48-30-29.159N 122-40-38.218W ANACORTES FERRY 48-30-29.159N 122-40-38.218W ANACORTES FERRY 48-30-29.159N 122-40-38.218W ANACORTES FERRY 48-30-28.742N 122-40-35.956W 18957 ANACORTES FERRY 48-30-27.650N 122-40-34.246W C 18960 SHANNON POINT LIGHT 48-30-34.987N				TR on pile. SG on pile. TR on pile.	Private aid. Private aid.
122-37-38.312W 18925 - Daybeacon 5				SG on pile. TR on pile.	Private aid.
122-37-38.424W 18930 - Daybeacon 6				TR on pile.	
18935 - Daybeacon 7				•	Private aid.
122-37-39.244W 18940 - Daybeacon 8 48-23-57.821N 122-37-40.490W Guemes Channel 18945 - Lighted Buoy 2 48-30-39.887N 122-41-54.696W 18948 ANACORTES FERRY 48-31-12.000N BREAKWATER LIGHT 122-37-24.000W 18955 ANACORTES FERRY 48-30-29.159N TERMINAL DOLPHIN LIGHT A 18956 ANACORTES FERRY 48-30-28.742N TERMINAL DOLPHIN LIGHT 122-40-35.956W 18957 ANACORTES FERRY 48-30-27.650N TERMINAL DOLPHIN LIGHT 122-40-34.246W C 18960 SHANNON POINT LIGHT 48-30-34.987N				SG on nile	
Guemes Channel 18945 - Lighted Buoy 2	FI R 2.5s			oo on pile.	Private aid.
18945 - Lighted Buoy 2 48-30-39.887N 122-41-54.696W 18948 ANACORTES FERRY BREAKWATER LIGHT 122-37-24.000W 48-30-29.159N 122-40-38.218W 122-40-38.218W 122-40-38.218W 122-40-38.218W 122-40-35.956W 122-40-35.956W 122-40-35.956W 122-40-35.956W 122-40-34.246W	FI R 2.5s			TR on pile.	Private aid.
18945 - Lighted Buoy 2 48-30-39.887N 122-41-54.696W 18948 ANACORTES FERRY 48-31-12.000N BREAKWATER LIGHT 122-37-24.000W 18955 ANACORTES FERRY 48-30-29.159N TERMINAL DOLPHIN LIGHT 122-40-38.218W A 18956 ANACORTES FERRY 48-30-28.742N TERMINAL DOLPHIN LIGHT 122-40-35.956W B 18957 ANACORTES FERRY 48-30-27.650N TERMINAL DOLPHIN LIGHT 122-40-34.246W C SHANNON POINT LIGHT 48-30-34.987N	FI R 2.5s				
BREAKWATER LIGHT 122-37-24.000W 18955 ANACORTES FERRY 48-30-29.159N TERMINAL DOLPHIN LIGHT 122-40-38.218W 18956 ANACORTES FERRY 48-30-28.742N TERMINAL DOLPHIN LIGHT 122-40-35.956W B 18957 ANACORTES FERRY 48-30-27.650N TERMINAL DOLPHIN LIGHT 122-40-34.246W C 18960 SHANNON POINT LIGHT 48-30-34.987N			4	Red.	
TERMINAL DOLPHIN LIGHT 122-40-38.218W A 18956 ANACORTES FERRY 48-30-28.742N TERMINAL DOLPHIN LIGHT 122-40-35.956W B 18957 ANACORTES FERRY 48-30-27.650N TERMINAL DOLPHIN LIGHT 122-40-34.246W C 18960 SHANNON POINT LIGHT 48-30-34.987N	FIR 4s	14		On breakwater.	Private aid.
18956 ANACORTES FERRY 48-30-28.742N TERMINAL DOLPHIN LIGHT 122-40-35.956W B 18957 ANACORTES FERRY 48-30-27.650N TERMINAL DOLPHIN LIGHT 122-40-34.246W C 18960 SHANNON POINT LIGHT 48-30-34.987N	FIY 10s			On steel dolphin.	SIREN: 1bl ev 30s (10s bl). Private aid.
TERMINAL DOLPHIN LIGHT 122-40-34.246W C 18960 SHANNON POINT LIGHT 48-30-34.987N	FIY 10s			On steel dolphin.	Private aid.
	FIY 10s			On steel dolphin.	Private aid.
	FI W 4s	15	7	NB on multi-pile structure.	HORN: 1 blast ev 30s (3s bl). HORN is activated by keying the mic 5 times on VHF-FM Channe 81A (157.075MHz). HORN will operate for 30 minutes. Ra ref.
18965 - Lighted Buoy 3 48-31-18.389N 122-39-22.691W	FI G 2.5s		4	Green.	
18970 - Lighted Buoy 4 48-31-09.919N 122-39-11.390W	FIR 4s		4	Red.	
18975 - Lighted Buoy 5 48-31-24.380N 122-38-27.558W	FI G 4s		4	Green.	
18984 PORT OF ANACORTES PIER 48-31-19.506N 1 LIGHT C 122-36-49.381W	FY			On pier.	Private aid.
18985 PORT OF ANACORTES PIER 48-31-19.718N 2 LIGHT A 122-36-31.478W	FY			On pier.	Private aid.
18986 PORT OF ANACORTES PIER 48-31-19.668N 2 LIGHT B 122-36-24.652W	FY			On pier.	Private aid.
Cap Sante Waterway 18990 - Daybeacon 1 48-30-40.680N 50 feet outside channel limit. 122-35-55.009W				SG on pile.	
18995 - LIGHT 2 48-30-42.913N 15 feet outside channel limit. 122-35-55.573W	FI R 2.5s	15	4	TR on pile.	
19001 - Buoy 3 48-30-41.472N 122-36-05.001W				Green can.	
19005 - Daybeacon 4 48-30-42.750N				TR on pile.	
122-36-09.707W 19010 - LIGHT 5 48-30-41.793N	FI G 4s	15	4	SG on pile.	
122-36-16.104W 19015 - LIGHT 6 48-30-42.123N	FIR 4s	15	4	TR on pile.	
122-36-18.729W 19016.1 Danger Rocks Daybeacon 48-30-41.243N				NW on piling.	Private aid.
122-36-18.615W 19016.2 Danger Rocks Daybeacon 48-30-40.629N				NW on piling.	Private aid.
122-36-18.615W 19016.3 Danger Rocks Daybeacon 48-30-40.016N					

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
STRA	NT OF JUAN DE FUCA TO STR		NASHINGTON - Thirt	teenth Distri	ict		
Guen	nes Channel	All of Georgia (G	mart 10421)				
19016.4	Sante Waterway Danger Shallow Water Daybeacon	48-30-39.402N 122-36-21.596W				NW on piling.	Private aid.
19016.5	Danger Rocks Daybeacon	48-30-37.956N 122-36-16.565W				NW on piling.	Private aid.
19016.6	DANGER ROCKS LIGHT	48-30-31.864N 122-36-19.576W	FI W 4s			NW on piling.	Private aid.
	la Bay	40.00.04.045N	ELD C-	40	4	TD	
19017	VENDOVI ISLAND LIGHT 2	48-36-31.815N 122-35-54.467W	FIR 6s	13	4	TR on platform.	
19018	WILLIAM POINT LIGHT 3	48-34-58.466N 122-33-37.849W	FI G 6s	30	5	SG on tower.	
19020	- Lighted Bell Buoy 4	48-34-44.051N 122-35-46.837W	FIR 4s		4	Red.	
19023	- Research Lighted Buoy	48-33-28.060N 122-34-24.380W	FIY4s			Yellow	Private aid.
19025	- Lighted Buoy 5	48-33-31.575N 122-34-28.311W	FI G 4s		4	Green.	
19030	HUCKLEBERRY ISLAND LIGHT 6	48-32-10.294N 122-34-01.478W	FI R 2.5s	73	4	TR on skeleton tower.	
19035	SADDLEBAG ISLAND LIGHT 7	48-32-06.897N 122-33-32.176W	FI G 2.5s	26	4	SG on pole, on platform.	
Anac 19040	ortes Harbor Fidalgo Bay Shoal Buoy 2	48-30-36.245N 122-35-07.251W				Red nun.	
19045	- Junction Lighted Buoy A	48-30-41.392N 122-35-37.681W	FI (2+1)R 6s		4	Red and green bands.	
19050	Anacortes Channel Buoy 3	48-30-31.592N 122-35-40.681W				Green can.	
19055	ANACORTES CHANNEL LIGHT 4	48-30-16.400N 122-35-56.012W	FIR 4s	15	4	TR on pile.	
19057.1	ANACORTES MARINA ENTRANCE LIGHT "A"	48-30-08.800N 122-36-03.660W	FI W 2s			NW on piling.	Private aid.
19057.2	ANACORTES MARINA ENTRANCE LIGHT "B"	48-30-07.290N 122-36-04.190W	FI W 2s			NW on piling.	Private aid.
19057.3	ANACORTES MARINA ENTRANCE LIGHT "2"	48-30-08.800N 122-36-05.770W	FI R 2.5s			TR on breakwall.	Private aid.
19057.4	ANACORTES MARINA ENTRANCE LIGHT "1"	48-30-07.900N 122-36-05.800W	FI G 2.5s			SG on breakwall.	Private aid.
19057.5	ANACORTES MARINA INNER LIGHT "S"	48-30-08.100N 122-36-06.870W	FI Y 2.5s			NY on breakwall.	Private aid.
19058.1	ANACORTES MARINA EXIT LIGHT "A"	48-30-16.370N 122-35-58.110W	FI W 4s			NW on piling.	Private aid.
19058.2	ANACORTES MARINA EXIT LIGHT "B"	48-30-15.390N 122-35-57.960W	FI W 4s			NW on piling.	Private aid.
19058.3	ANACORTES MARINA EXIT LIGHT "1"	48-30-15.800N 122-36-05.770W	FI G 2.5s			SG on breakwall.	Private aid.
19058.4	ANACORTES MARINA INNER LIGHT "N"	48-30-16.400N 122-36-05.800W	FI Y 2.5s			NY on breakwall.	Private aid.
19058.5	ANACORTES MARINA EXIT LIGHT "2"	48-30-15.370N 122-36-06.690W	FI R 2.5s			TR on breakwall.	Private aid.
19060	ANACORTES CHANNEL LIGHT 6	48-30-08.640N 122-36-01.380W	FIR 6s	11		TR on multi-pile structure.	Private aid.
19060.5	MJB FLOAT DOCK LIGHT A	48-30-04.280N 122-36-12.870W	FIY6s			NY on Piling.	Private aid.
19061	FIDALGO MARINA ENTRANCE LIGHT 1	48-29-55.420N 122-36-01.062W	FI G 4s			On outer breakwater.	Private aid.
19062	FIDALGO MARINA ENTRANCE LIGHT 2	48-29-55.438N 122-36-02.548W	FIR 4s			On outer breakwater.	Private aid.
19063	FIDALGO MARINA INNER LIGHT A	48-29-54.639N 122-36-02.128W	FY			On inner breakwater.	Private aid.
19064	FIDALGO MARINA INNER LIGHT B	48-29-54.697N 122-36-00.889W	FY			On inner breakwater.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	IT OF JUAN DE FUCA TO STRA		VASHINGTON - Thirt hart 18421)	teenth Distri	ct		
19065	ortes Harbor SHELL OIL COMPANY WHARF LIGHT A	48-30-35.355N 122-34-54.656W	FY	25		Mooring platform.	Private aid.
19067	SHELL OIL COMPANY WHARF LIGHT B	48-30-32.985N 122-34-38.526W	FY			Mooring platfrom.	Private aid.
19068	SHELL OIL COMPANY WHARF WARNING RANGE FRONT LIGHT	48-30-35.132N 122-34-54.110W	FI G 2s			KRB on tower on dock.	Private aid.
19069	SHELL OIL COMPANY WHARF WARNING RANGE REAR LIGHT 437 yards, 134.1 deg true from front light.	48-30-25.900N 122-34-40.100W	Iso G 4s			KRB on tower on dock.	Private aid.
19070	TESORO NORTHWEST COMPANY WHARF LIGHT A	48-30-31.078N 122-34-17.202W	FY	18		On pier.	HORN: 1 blast ev 30s (2s bl). Private aid.
19072	TESORO NORTHWEST COMPANY WHARF LIGHT B	48-30-29.070N 122-34-03.259W	FY	16		On pier.	Private aid.
	omish Channel North Entrance	40 20 24 766N	ELD 40	47	4	TD # -!!-	
19075	- LIGHT 2	48-30-31.766N 122-33-17.579W	FIR 4s	17	4	TR on multi-pile structure.	
19077	- Buoy 3	48-30-34.891N 122-33-07.061W				Green can.	
19080	- Buoy 4	48-30-20.941N 122-33-09.574W				Red nun.	
19085	- LIGHT 6	48-29-56.949N 122-32-53.056W	FIR 6s	15	4	TR on pile.	
19090	- Buoy 7	48-29-58.839N 122-32-47.192W				Green can.	
19093	- Buoy 9	48-29-38.125N 122-32-31.262W				Green can.	
19095	- Buoy 8	48-29-36.554N 122-32-38.332W				Red nun.	
19100	- Buoy 12	48-29-05.844N 122-32-13.915W				Red nun.	
19105	- LIGHT 13	48-29-08.343N 122-32-07.390W	FI G 4s	15	4	SG on pile.	
19115	- Buoy 19	48-28-41.623N 122-31-47.266W				Green can.	
19120	- LIGHT 18	48-28-39.150N 122-31-51.175W	FIR 4s	16	4	TR on pile.	
19130	- Buoy 22	48-28-20.922N 122-31-35.327W				Red nun.	
19135	- Buoy 23	48-28-22.432N 122-31-32.279W				Green can.	
19136	- LIGHT 26	48-28-01.200N 122-31-21.204W	FIR 4s	17	4	TR on pile.	
19138	- Buoy 27	48-28-03.081N 122-31-17.450W				Green can.	
19140	- Buoy 28	48-27-49.778N 122-31-11.563W				Red nun.	
19150	- LIGHT 29	48-27-51.358N 122-31-07.065W	FI G 6s	15	4	SG on pile.	
19155	- Buoy 30	48-27-41.932N 122-31-03.536W				Red nun.	
19155.1	Burlington Northern Santa Fe Railroad Bridge 7.6 Swinomish channel mile: 8.4	48-27-29.000N 122-30-53.000W				Swing bridge.	
19155.11	Twin Bridges Marina Daybeacon 1	48-27-27.400N 122-30-49.600W				SG on piling.	Private aid.
19155.12	Twin Bridges Marina Daybeacon 2	48-27-26.900N 122-30-50.200W				TR on piling.	Private aid.
19155.2	Duane Berentson Highway Bridge (Eastbound) Swinomish channel mile: 8.2	48-27-16.000N 122-30-51.000W				Fixed bridge.	

Swinc 19155.3 19156 19157 19158	Bridge (Westbound) Swinomish channel mile: 8.2 Buoy 31 LIGHT 32 Buoy 34 Marks rocks. Buoy 35 gham Channel Yellow Bluff Reef Obstruction Daybeacon Lighted Bell Buoy 4 LIGHT 5 Lighted Buoy 6		VASHINGTON - Thirt hart 18421) FIR 4s	eenth Distri	4	Fixed bridge. Green can. TR on pile. Red nun. Green can.	
Swinc 19155.3 19156 19157 19158 19160 Bellin 19165 19170 19175	omish Channel North Entrance Duane Berentson Highway Bridge (Westbound) Swinomish channel mile: 8.2 Buoy 31 LIGHT 32 Buoy 34 Marks rocks. Buoy 35 gham Channel Yellow Bluff Reef Obstruction Daybeacon Lighted Bell Buoy 4 LIGHT 5 Lighted Buoy 6	48-27-16.000N 122-30-52.000W 48-25-30.730N 122-30-02.979W 48-25-26.338N 122-30-08.070W 48-25-15.290N 122-30-04.786W 48-25-11.519N 122-30-01.608W 48-31-56.002N 122-39-24.335W 48-32-11.390N 122-40-09.694W	FIR 4s	15	4	Green can. TR on pile. Red nun. Green can.	
19157 19158 19160 Bellin 19165 19170	Swinomish channel mile: 8.2 - Buoy 31 - LIGHT 32 - Buoy 34 Marks rocks. - Buoy 35 gham Channel Yellow Bluff Reef Obstruction Daybeacon - Lighted Bell Buoy 4 - LIGHT 5 - Lighted Buoy 6	48-25-30.730N 122-30-02.979W 48-25-26.338N 122-30-08.070W 48-25-15.290N 122-30-04.786W 48-25-11.519N 122-30-01.608W 48-31-56.002N 122-39-24.335W 48-32-11.390N 122-40-09.694W		15	4	TR on pile. Red nun. Green can.	
19157 19158 19160 Bellin 19165 19170	- LIGHT 32 - Buoy 34 Marks rocks Buoy 35 gham Channel Yellow Bluff Reef Obstruction Daybeacon - Lighted Bell Buoy 4 - LIGHT 5 - Lighted Buoy 6	122-30-02.979W 48-25-26.338N 122-30-08.070W 48-25-15.290N 122-30-04.786W 48-25-11.519N 122-30-01.608W 48-31-56.002N 122-39-24.335W 48-32-11.390N 122-40-09.694W		15	4	TR on pile. Red nun. Green can.	
9158 9160 Bellin 19165 19170 19175	- Buoy 34 Marks rocks Buoy 35 gham Channel Yellow Bluff Reef Obstruction Daybeacon - Lighted Bell Buoy 4 - LIGHT 5 - Lighted Buoy 6	122-30-08.070W 48-25-15.290N 122-30-04.786W 48-25-11.519N 122-30-01.608W 48-31-56.002N 122-39-24.335W 48-32-11.390N 122-40-09.694W		15	4	Red nun. Green can.	
9160 Bellin 9165 9170 9175 9180	Marks rocks. - Buoy 35 gham Channel Yellow Bluff Reef Obstruction Daybeacon - Lighted Bell Buoy 4 - LIGHT 5 - Lighted Buoy 6	122-30-04.786W 48-25-11.519N 122-30-01.608W 48-31-56.002N 122-39-24.335W 48-32-11.390N 122-40-09.694W	FIR 4s			Green can.	
Bellin 9165 9170 9175 9180	gham Channel Yellow Bluff Reef Obstruction Daybeacon - Lighted Bell Buoy 4 - LIGHT 5 - Lighted Buoy 6	122-30-01.608W 48-31-56.002N 122-39-24.335W 48-32-11.390N 122-40-09.694W	FIR 4s				
9165 9170 9175 9180	Yellow Bluff Reef Obstruction Daybeacon - Lighted Bell Buoy 4 - LIGHT 5 - Lighted Buoy 6	122-39-24.335W 48-32-11.390N 122-40-09.694W	FIR 4s			NB on pile.	
19175	- LIGHT 5 - Lighted Buoy 6	48-32-11.390N 122-40-09.694W	FIR 4s			po.	
9180	- Lighted Buoy 6	48-33-58.351N			4	Red.	
	,	122-40-05.766W	FI G 4s	15	6	SG on tower.	
9185		48-35-27.393N 122-39-06.896W	FIR 4s		4	Red.	
	- LIGHT 7	48-36-34.953N 122-39-26.047W	FI G 4s	32	4	SG on skeleton tower.	
19190	- Buoy 8	48-36-16.222N 122-37-48.456W				Red nun.	
9195	VENDOVI COVE LIGHT	48-36-55.200N 122-36-41.400W	FI Y 4s			On cement pad.	Private aid.
9200	VITI ROCKS LIGHT	48-37-59.655N 122-37-21.736W	FI W 2.5s	45	5	NB on skeleton tower.	
9205	Viti Rocks Lighted Bell Buoy 9	48-37-48.104N 122-37-08.215W	QG		4	Green.	
9215	ELIZA ROCKS JUNCTION LIGHT	48-38-37.115N 122-34-41.678W	FI (2+1)G 6s	21	5	JG on concrete pedestal.	
Bellin	gham Bay						
9220	Post Point Lighted Buoy 2	48-42-48.711N 122-31-45.464W	FIR 4s		4	Red.	
9223	FERRY PIER LIGHT	48-43-23.630N 122-30-44.770W	FY			On dolphin.	Private aid.
9224	TAYLOR PARK DINGY DOCK LIGHT A	48-43-31.440N 122-30-27.600W	FI Y 4s	7		On steel piling.	Private aid.
9225	Starr Rock Buoy 4 35 yards west of rock.	48-44-04.543N 122-30-15.177W				Red nun.	
9230	Georgia Pacific Outfall Lighted Buoy	48-44-03.900N 122-31-06.960W	FIY 10s			Yellow.	Private aid.
9240	WHATCOM WATERWAY RANGE FRONT LIGHT	48-45-10.170N 122-29-02.799W	QG	39		KRW on pile.	Visible 1.5° each side of rangeline.
9245	WHATCOM WATERWAY RANGE REAR LIGHT 224 yards, 044.6° from front light.	48-45-14.897N 122-28-55.745W	Iso G 6s	71		KRW on skeleton tower.	Visible 1.5° each side of rangeline.
9250	I & J STREET WATERWAY LIGHT 1	48-44-57.379N 122-30-08.069W	FI G 2.5s	15	5	SG on multi-pile structure.	
9256	I & J Street Waterway Buoy 2	48-45-02.138N 122-29-57.076W				Red nun.	
9260	I & J STREET WATERWAY LIGHT 3	48-45-10.215N 122-29-51.065W	FI G 4s	16	4	SG on pole, on riprap.	
9262	I & J Street Waterway Buoy 4	48-45-09.190N 122-29-47.137W				Red nun.	
9265	BELLINGHAM BREAKWATER ENTRANCE LIGHT 2	48-45-11.709N 122-30-26.484W	FI R 2.5s	24	5	TR on pile at end of breakwater.	
9270	BELLINGHAM BREAKWATER ENTRANCE LIGHT 1		FI G 4s	17	5	SG on pile at end of breakwater.	
9272	Bellingham Harbor Shoal Buoy A	48-45-16.500N 122-30-35.000W				White with orange markings.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
OTE	AIT OF IIIAN DE FUCA TO CTO		WASHINGTON - Thirt	eenth Distri	ict		
Belli	AIT OF JUAN DE FUCA TO STRA ngham Bay		nart 18421)				
19273	Bellingham Harbor Shoal Buoy B	48-45-19.500N 122-30-38.300W				White with orange markings.	Private aid.
19274	Squalicum Creek Entrance Lighted Buoy 1	48-45-18.114N 122-30-59.057W	FI G 4s		4	Green.	
19275	Squalicum Creek Entrance Lighted Buoy 2	48-45-23.851N 122-30-47.194W	FIR 4s		4	Red.	
19280	BELLINGHAM BREAKWATER NORTH ENTRANCE LIGHT 4		FIR 6s	17	5	TR on pile, at end of breakwater.	
19281	SQUALICUM CREEK WATERWAY RANGE FRONT LIGHT	48-45-38.354N 122-30-34.160W	QG			KRB on skeleton tower.	Private aid.
19282	SQUALICUM CREEK WATERWAY RANGE REAR LIGHT 162 yards, 036° from front light.	48-45-42.220N 122-30-29.844W	Iso G 6s			KRB on skeleton tower.	Private aid.
19283	Squalicum Estuary Breakwater Warning Daybeacon	48-45-39.047N 122-30-36.360W				NW on single pile.	Private aid.
19284	- Research Lighted Buoy B	48-43-25.291N 122-34-35.514W	FI (5)Y 20s			Yellow buoy.	Private aid.
19285	 Rocks Junction Lighted Buoy Marks south edge of rocks. 	48-40-25.169N 122-35-27.691W	FI (2+1)R 6s		3	Red and green bands.	
Hale	Passage						
19290	Inati Bay Reef Buoy	48-40-27.954N 122-37-13.166W				White with orange bands worded DANGER ROCK.	
19295	LUMMI ISLAND LIGHT 3	48-41-28.479N 122-38-38.519W	FI G 4s	16	5	SG on tower.	
19300	LUMMI ISLAND FERRY LANDING LIGHT	48-43-14.004N 122-40-50.172W	FIY4s			NY on breakwater.	Private aid.
19305	Point Francis Shoal Buoy 4	48-41-40.839N 122-38-16.151W				Red nun.	
19310	Lummi Point Lighted Buoy 5	48-44-04.940N 122-41-10.614W	FI G 4s		4	Green.	
19315	Point Migley Lighted Junction Buoy	48-45-15.500N 122-43-27.652W	FI (2+1)R 6s		4	Red and green bands.	
Rosa	ario Strait						
19320	Lawson Reef Junction Lighted Bell Buoy	48-24-03.331N 122-42-57.792W	FI (2+1)R 6s		4	Red and green bands.	
19325	DAVIDSON ROCK LIGHT 1	48-24-47.829N 122-48-43.230W	FI G 4s	28	5	SG on pile.	
19330	Lawson Reef Lighted Bell Buoy 2	48-24-41.049N 122-46-23.799W	FI R 2.5s		4	Red.	
19335	Williamson Rocks Lighted Buoy 4	48-26-50.278N 122-42-24.968W	FIR 4s		4	Red.	
19340	Kellett Ledge Lighted Buoy 3	48-27-01.579N 122-47-31.001W	FI G 2.5s		4	Green.	
19345	Dennis Shoal Buoy 6	48-27-27.494N 122-42-57.742W				Red nun.	
19350	BURROWS ISLAND LIGHT	48-28-40.599N 122-42-48.829W	FI W 6s	57	7	White octagonal cupola with red roof, on building.	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). HORN is activated by keying the mic 5 times on VHF-FM Channel 81A (157.075 MHz). HORN will operate for 30 minutes.
19355	Burrows Bay Danger Rock Buoy Marks Submerged Rocks.	48-27-23.135N 122-39-56.148W				White can with orange bands; worded DANGER ROCKS.	
19360	SKYLINE MARINA ENTRANCE LIGHT 1	48-29-21.030N 122-40-38.290W	FI G 4s			SG on pile.	Private aid.
19365	SKYLINE MARINA ENTRANCE LIGHT 2	48-29-20.440N 122-40-36.830W	FIR 4s			TR on pile.	Private aid.
19366	Skyline Marina Daybeacon 3	48-29-23.910N 122-40-36.270W				SG on pile.	Private aid.

19400 Reef Point Junction Lighted Buoy 48-31-43.806N 122-43-33.262W FI (2+1)R 6s 4 Red and green bands. 19405 FAUNTLEROY POINT LIGHT 48-31-28.178N 122-47-18.590W FI W 4s 37 6 NB on skeleton tower. 19410 LAWSON ROCK LIGHT 2 48-31-51.543N 122-47-19.496W FI R 4s 15 4 TR on pile. 19415 BLAKELY ISLAND LIGHT 4 48-31-52.276N 122-48-43.321W FI R 6s 15 6 TR on multi-pile structure. 19420 Undertaker's Reef Daybeacon 48-31-22.593N 122-49-46.319W FI W 4s 15 6 NB on pyramidal wooden crib. 19435 LEO REEF LIGHT 48-34-17.180N 122-50-40.712W FI Y 10s 5 Black and red bands with two black spherical topmarks. 19440 Shoal Bay Aquaculture Lighted 48-33-31, 100N 122-52-29.600W 122-52-30.575W FI G 4s 22 4 SG on skeleton tower. 19455 BLACK ROCK LIGHT 9 48-32-46.183N 122-49-20.429W 122-45-57.017W FI G 4s 22 4 SG on skeleton tower. 19456 BLACK ROCK LIGHT 9 48-32-46.183N 122-45-57.017W FI G 4s 10 4 SG on skeleton tower. 19456 BLACK ROCK LIGHT 9 48-32-45.183N 122-45-57.017W FI G 4s 10 4 SG on skeleton tower. 19456 BLACK ROCK LIGHT 9 48-32-45.183N 122-45-57.017W FI G 4s 10 4 SG on skeleton tower.	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
No.	STD	AIT OF IIIAN DE FIICA TO STRA			teenth Distri	ct		
122-03-5 809W			AT OF GEORGIA (C	mart 10421)				
122-46-05-07-W 122-46-05-07-W 122-46-05-05-W 122-46-05-05-05-W 122-46-05-05-W 122-46-05-05-05-W 122-46-05-05-05-W 122-46-05-05-05-W 122-46-05-05-05-W 122-46-05-05-05-W 122-46-05-05-05-W 122-	19367	Skyline Marina Daybeacon 4					TR on pile.	Private aid.
122-46-08.0859V 122-46-08.0859V 122-46-09.0891V 122-56-08.0891V 122-56-09.0891V 122-56-09.	19370	LOPEZ PASS LIGHT 2		FIR 4s	21	4		
4 122-6-11.003W 19385 Center Island Reef Daybeascon 48-29-0.68 8HW 1928-0.06.88HW	19375	Mud Bay Daybeacon					NR on pole.	
122-50-05.98HW 122-50-05.98HW TR on pole. Ra Ref.	19380						TR on pole.	
6	19385	Center Island Reef Daybeacon					NB on pole.	
LIGHT	19390						TR on pole.	Ra Ref.
1940	19395			FI W 2.5s	22		tower on steel	intensity red sector visible 1.5° either side of 175°. Red light faint but visibile 2° either side of
19410	19400			FI (2+1)R 6s		4		
19415 BLAKELY ISLAND LIGHT 1 124-83-4.321W FI R 6s 15 6 TF on multi-pile structure.	19405	FAUNTLEROY POINT LIGHT		FI W 4s	37	6		
19420 Undertaker's Reef Daybeacon 122-48-34,321W SG on pole Ra Ref.	19410	LAWSON ROCK LIGHT 2		FIR 4s	15	4	TR on pile.	
19425 LEO REF LIGHT 48-33-11.282N FI W 4s 15 6 NB on pyramidal wooden crib.	19415	BLAKELY ISLAND LIGHT 4		FIR 6s	15	6		
19430	19420						SG on pole.	Ra Ref.
Dangér Lighted Buoy DS 122-50-40.712W Dands with two black spherical topmarks.	19425	LEO REEF LIGHT		FI W 4s	15	6		
TERMINAL DOLPHIN LIGHT 122-52-57.385W	19430			FI (2)W 5s		5	bands with two black spherical	
1945 Shag Rock Daybeacon 122-52-29.600W 1945 Shag Rock Daybeacon 48-35-29.524N 122-52-30.575W 19450 PEAVINE PASS LIGHT 48-35-16.233N FI G 4s 22 4 SG on skeleton tower. 19455 BLACK ROCK LIGHT 9 48-32-45.183N FI G 4s 10 4 SG on skeleton tower. 19457 - Lighted Buoy 11 48-33-19.299N FI G 2.5s 4 Green. Buoy may be submerged during periods of extreme current. 19460 Peavine Pass Rocks 48-35-18.891N 122-45-44.496W NR on pole. 19465 TIDE POINT LIGHT 12 48-35-10.458W FI R 2.5s 15 4 TR on multi-pile structure. 19470 OBSTRUCTION PASS LIGHT 48-35-51.045N 122-44-28.309W FI W 4s 23 6 NR on skeleton tower. 19475 Lydia Shoal Lighted Gong 48-35-58.399N 122-46-44.714W 19480 Cypress Reef Junction 48-36-48.977N 122-43-21.149W 19480 Cypress Reef Junction 48-36-48.977N 122-43-21.149W 19480 Buoy 14 48-36-36.822W Marks shoal west of Sinclair Island. 48-38-32.255N FI R 6s 4 Red. 19490 PEAPOD ROCKS LIGHT 15 48-38-32.255N FI G 4s 35 5 SG on white octagonal building. 19495 - Lighted Bell Buoy 16 48-38-29.693N Q R 4 Red. 19490 Red. 19495 - Lighted Bell Buoy 16 48-38-29.693N Q R 4 Red. 19490 Red. 19495 - Lighted Bell Buoy 16 48-38-29.693N Q R 4 Red. 19490 Red. 19490 19495 - Lighted Bell Buoy 16 48-38-29.693N Q R 4 Red. 19490 19495 - Lighted Bell Buoy 16 48-38-29.693N Q R 4 Red. 19490 19490 19495 - Lighted Bell Buoy 16 48-38-29.693N Q R 4 Red. 194900 194900 194900 194900 194900 194900	19435			FIY 10s			On floating dolphin.	* *
19450 PEAVINE PASS LIGHT 1 48-35-16.233N FI G 4s 22 4 SG on skeleton tower. 19455 BLACK ROCK LIGHT 9 48-32-45.183N 12-49-20.429W FI G 4s 10 4 SG on skeleton tower. 19457 - Lighted Buoy 11 48-33-19.299N FI G 2.5s 4 Green. Buoy may be submerged during periods of extreme current. 19460 Peavine Pass Rocks 48-35-18.891N 122-45-44.496W FI G 2.5s 15 4 TR on multi-pile structure. 19465 TIDE POINT LIGHT 12 48-35-06.489N 122-44-28.309W FI R 2.5s 15 4 TR on multi-pile structure. 19470 OBSTRUCTION PASS LIGHT 48-35-51.045N 122-48-16.139W FI W 4s 23 6 NR on skeleton tower. 19475 Lydia Shoal Lighted Gong 48-35-58.389N 122-46-41.714W JR on pole. 19480 Cypress Reef Junction A3-36-48.977N 122-43-21.149W JR on pole. 19485 Buckeye Shoal Lighted Bell 48-37-27.262N 12-43-21.149W JR on pole. 19490 PEAPOD ROCKS LIGHT 15 48-38-32.255N FI G 4s 35 5 SG on white octagonal building. 19495 - Lighted Bell Buoy 16 48-38-29.693N Q R 4 Red.	19440			FIY6s			On yellow buoy.	Private aid.
19455 BLACK ROCK LIGHT 9 48-32-45.183N	19445	Shag Rock Daybeacon					NB on pole.	
19457 - Lighted Buoy 11	19450	PEAVINE PASS LIGHT 1		FI G 4s	22	4		
19460 Peavine Pass Rocks 48-35-18.891N Daybeacon 122-48-04.385W	19455	BLACK ROCK LIGHT 9		FI G 4s	10	4		
Daybeacon 122-48-04.385W FI R 2.5s 15 4 TR on multi-pile structure.	19457	- Lighted Buoy 11		FI G 2.5s		4	Green.	
19470 OBSTRUCTION PASS LIGHT 48-35-51.045N 122-48-16.139W FI W 4s 23 6 NR on skeleton tower. 19475 Lydia Shoal Lighted Gong 48-35-58.389N 122-46-44.714W Public Shoal Lighted Gong 248-36-144.714W Public Shoal Lighted Bull 48-36-48.977N 122-43-21.149W Public Shoal Lighted Bell 48-37-27.262N 122-43-21.149W Public Shoal Lighted Bell 48-37-27.262N 122-43-46.822W Public Shoal West of Sinclair Island. 19490 PEAPOD ROCKS LIGHT 15 48-38-32.255N 122-44-37.177W Public Shoal Bell Buoy 16 48-38-29.693N Q R 4 Red.	19460						NR on pole.	
19475	19465	TIDE POINT LIGHT 12		FI R 2.5s	15	4		
Buoy 13 122-46-44.714W 19480 Cypress Reef Junction Daybeacon C 48-36-48.977N 122-43-21.149W JR on pole. 19485 Buckeye Shoal Lighted Bell Buoy 14 122-43-46.822W Marks shoal west of Sinclair Island. FI R 6s 4 Red. 19490 PEAPOD ROCKS LIGHT 15 48-38-32.255N 122-44-37.177W PEAPOL ROCKS LIGHT 15 48-38-29.693N FI G 4s 35 5 SG on white octagonal building. 19495 - Lighted Bell Buoy 16 48-38-29.693N Q R 4 Red.	19470	OBSTRUCTION PASS LIGHT		FI W 4s	23	6		
Daybeacon C 122-43-21.149W 19485	19475			QG		4	Green.	
Buoy 14 122-43-46.822W Marks shoal west of Sinclair Island. 19490 PEAPOD ROCKS LIGHT 15 48-38-32.255N FI G 4s 35 5 SG on white octagonal building. 19495 - Lighted Bell Buoy 16 48-38-29.693N Q R 4 Red.	19480						JR on pole.	
122-44-37.177W octagonal building. 19495 - Lighted Bell Buoy 16 48-38-29.693N Q R 4 Red.	19485	Buoy 14 Marks shoal west of Sinclair		FIR 6s		4	Red.	
	19490	PEAPOD ROCKS LIGHT 15		FI G 4s	35	5		
	19495	- Lighted Bell Buoy 16		QR		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
STRA	IT OF JUAN DE FUCA TO STR		WASHINGTON - Third	teenth Distri	ct		
	rio Strait Boulder Reef Lighted Bell Buo	•	FIR 4s		4	Red.	
19300	2	122-41-42.317W	1117.43		7	Neu.	
19505	Sinclair Island Lighted Buoy 4	48-38-17.395N 122-40-04.702W	FI R 2.5s		4	Red.	
19510	LUMMI ROCKS LIGHT 16A	48-40-09.723N 122-40-07.271W	FIR 6s	20	5	TR skeleton tower.	
19515	THE SISTERS LIGHT 17	48-41-41.121N 122-45-25.355W	FI G 2.5s	40	4	SG on skeleton tower.	
19520	- Traffic Separation Lane Lighted Buoy C	48-40-33.714N 122-42-48.228W	FI Y 2.5s		5	Yellow.	AIS: MMSI 993692250 (21).
19525	VILLAGE POINT LIGHT 18	48-42-59.451N 122-43-09.629W	FIR 4s	24	5	TR on multi-pile structure.	Obscured from 180° to 264°.
19530	PUFFIN ISLAND SHOAL LIGHT 19	48-44-36.256N 122-49-00.403W	FI G 4s	20	5	SG on skeleton tower, on cassion.	
19535	- Traffic Separation Lane Lighted Buoy CA	48-45-18.399N 122-46-30.729W	FI Y 2.5s		5	Yellow.	AIS: MMSI 993692209 (21).
	uan Channel ICEBERG POINT LIGHT 2	48-25-19.353N	FIR 4s	35	5	TR on white	
19540	ICEBERG FOINT LIGHT 2	122-53-39.441W	F1 K 45	33	3	rectangular concrete building.	
19545	Richardson Daybeacon	48-26-47.017N 122-54-36.809W				NR on platform.	
19550	Twin Rocks Daybeacon	48-26-45.885N 122-54-44.687W				NR on pole.	Ra ref.
19555	CATTLE POINT LIGHT	48-27-02.325N 122-57-48.074W	FI W 4s	94	7	White octagonal tower, on building.	
19557	CAPE SAN JUAN FLOATING BREAKWATER LIGHTS (3)	48-27-48.000N 122-58-08.000W	FIY4s			On floating breakwater.	Private aid.
	rman Bay	40.04.00.004N	FI.W 4-	45	6	ND	Dad coster from 450° to 070°
19560	- SECTOR LIGHT	48-31-30.831N 122-55-08.093W	FI W 4s	15	6 R 4	NR on pile.	Red sector from 150° to 076°.
19565	- Entrance Daybeacon 4	48-31-20.349N 122-55-02.483W				TR on pile.	
19570	- Channel Daybeacon 5	48-31-09.429N 122-55-06.965W				SG on pile.	
19575	- Channel Buoy 7	48-31-07.627N 122-55-04.336W				Green can.	
19580	- Channel Buoy 8	48-30-56.715N 122-54-55.805W				Red nun.	
	uan Channel	40.22.20.077N				VA/In:t-a	Closed area.
19583.1	Odlin Park Regulatory Buoy A	122-53-31.754W				White and orange can buoy.	Private aid.
19583.2	Odlin Park Regulatory Buoy B	48-33-28.119N 122-53-36.974W				White and orange can buoy.	Closed area. Private aid.
19583.3	Odlin Park Regulatory Buoy C	48-33-28.192N 122-53-41.510W				White and orange can buoy.	Closed area. Private aid.
19585	FLAT POINT LIGHT 2	48-33-05.324N 122-55-12.810W	FI R 2.5s	15	5	TR on pile.	
19590	TURN ROCK LIGHT 3	48-32-06.314N 122-57-52.611W	FI G 4s	18	5	SG on skeleton tower, on caisson.	Rock ledge bares at half tide.
19595	Minnesota Reef Daybeacon 1	48-32-12.345N 122-59-17.861W				SG on pole.	
19600	Brown Island Daybeacon 2	48-32-03.930N 122-59-57.215W				TR on pile.	
Frida	y Harbor						
19605	- PIER LIGHTS (2)	48-32-41.100N 123-00-46.260W	FIR 5s			West of two lights on dock.	Private aid.
19615	- NORTH BREAKWATER LIGHT 1	48-32-25.219N 123-00-56.878W	FI G 4s	8	4	SG on pole, on end of pier.	
19620	- MARINA ENTRANCE LIGHT 1	48-32-23.221N 123-00-54.183W	FI G 2.5s	8	4	SG on pole, at end of pier.	
19625	- MARINA ENTRANCE LIGHT 2	48-32-23.780N 123-00-52.416W	FI R 2.5s	8	4	TR on pole, at end of pier.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			VASHINGTON - Thirtee	enth Distri	ct		
San	AIT OF JUAN DE FUCA TO STR. Juan Channel ay Harbor	AII OF GEORGIA (C	nart 18421)				
19626	- FERRY TERMINAL DOLPHIN LIGHT A	48-32-10.800N 123-00-47.500W	FI Y 4s			On steel dolphin.	SIREN: 1bl ev 20s (10s bl) Private aid.
19627	- FERRY TERMINAL DOLPHIN LIGHT B	48-32-10.133N 123-00-47.363W	FI Y 4s			On steel dolphin.	Private aid.
19628	- FERRY TERMINAL DOLPHIN LIGHT C	48-32-08.800N 123-00-46.240W	FI Y 4s			On steel dolphin.	Private aid.
19629	SHELTON DOCK LIGHT	48-32-03.220N 123-00-33.290W	FΥ			On dock.	Private aid.
	Juan Channel						
19630	Reid Rock Lighted Isolated Danger Buoy DR	48-32-56.426N 122-59-22.372W	FI (2)W 5s		4	Black and red bands.	Rock has depth of 2 1/2 fathom over it.
19635	SHIRT TAIL REEF LIGHT 1	48-35-15.274N 123-01-18.449W	FI G 4s	19	4	SG on skeleton tower, on concrete pyramidal structure.	
19640	CLIFF ISLAND LIGHT 3	48-35-21.411N 123-00-48.749W	FI G 6s	15	4	SG on square pedestal.	
19645	BIRD ROCKS LIGHT	48-35-52.095N 123-00-55.211W	FI W 4s	15	6	NB on platform, on multi-pile structure.	
19650	DEER HARBOR PIER LIGHT	48-36-29.930N 122-59-37.020W	FY			On corner of dock.	Private aid.
19655	POLE PASS LIGHT 2	48-36-06.034N 122-59-24.742W	FIR 4s	15	4	TR on skeleton tower.	
19660	WASP PASSAGE LIGHT 5	48-35-42.400N 122-58-36.676W	FI G 4s	15	5	SG on skeleton tower, on wooden crib.	
19662	ORCAS ISLAND FERRY TERMINAL DOLPHIN LIGHT A	48-35-48.574N 122-56-34.311W	FIY4s			On floating dolphin.	SIREN: 1bl ev 20s (10s bl) Private aid.
19663	ORCAS ISLAND FERRY TERMINAL DOLPHIN LIGHT B	48-35-47.731N 122-56-36.687W	FIY4s			On floating dolphin.	Private aid.
19665	Blind Bay Rock Daybeacon	48-35-00.000N 122-55-54.000W				NW worded DANGER ROCK.	Private aid.
19667	SHAW ISLAND FERRY TERMINAL DOLPHIN LIGHT	48-35-07.072N 122-55-44.756W	FI Y 4s			On steel dolphin.	SIREN: 1bl ev 25s (5s bl) Private aid.
19671	Jones Island Rock Danger Daybeacon Marks rock.	48-37-12.956N 123-02-34.157W				NW worded DANGER ROCK on pole.	
19672	- Buoy 4	48-35-21.069N 123-02-05.242W				Red nun.	
19675	GREEN POINT LIGHT	48-38-00.764N 123-06-23.363W	FI W 4s	20	6	NB on skeleton tower.	
19680	Harbor Rock Buoy	48-37-46.175N 122-58-39.400W				White can with orange bands, worded DANGER ROCK.	
Haro	Strait						
19685 16270	Discovery Island Light (C)	48-25-28.514N 123-13-32.465W	FI W 5s	93	15	White cylindrical tower with red top.	
19690	- Lighted Buoy VD (C)	48-27-06.014N 123-10-48.065W	Q(6)+L FI W 15s			Yellow and black.	
19695	Lime Kiln Light	48-30-57.136N 123-09-09.097W	FI W 10s 0.1s fl 9.9s ec.	45	17	White octagonal tower with a black cupola and red roof, attached to a square white building.	
19700	Little Zero Rock Lighted Buoy V30 (C)	48-31-54.314N 123-19-47.677W	QR			Red.	
19705	Zero Rock Light (C)	48-31-25.314N 123-17-30.765W	FI W 4s	28	7	White cylindrical tower with green band on top.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
STRA	IT OF JUAN DE FUCA TO STRA		VASHINGTON - Thirt	eenth Distri	ct		
Haro		III OI GLONGIA (G	nait 10421)				
9710	Kelp Reefs Light (C)	48-32-51.314N 123-14-12.765W	QW	35	10	White cylindrical tower.	
9715	D'ARCY ISLAND LIGHT (C)	48-33-55.314N 123-17-06.165W	FIR 4s	26	7	White cyclindrical tower with red band at top.	Ra ref.
9720	KELLETT BLUFF LIGHT	48-35-18.812N 123-12-07.271W	FI W 4s	80	7	NB on skeleton tower.	
Mosq	uito Pass						
9724	- Buoy 1	48-34-45.246N 123-10-46.694W				Green can.	
9725	- Daybeacon 2	48-34-57.623N 123-10-19.533W				TR on pole.	Ra ref.
9730	- Buoy 3	48-35-03.369N 123-10-21.738W				Green can.	
9735	- Buoy 4	48-35-09.340N 123-10-18.299W				Red nun.	
9740	- Buoy 6	48-35-28.370N 123-10-30.740W				Red nun.	
Haro S	Strait						
9743	SHERMAN DOCK LIGHT	48-36-11.297N 123-09-59.101W	FI Y 6s			On piling.	Private aid.
9744.1	HENRY ISLAND OUTSTATION LIGHT A	48-36-14.340N 123-10-21.410W	FY			On dock.	Private aid.
9744.2	HENRY ISLAND OUTSTATION LIGHT B	48-36-13.870N 123-10-19.450W	FY			On dock.	Private aid.
9744.3	HENRY ISLAND OUTSTATION LIGHT C	48-36-12.960N 123-10-18.920W	FY			On dock.	Private aid.
9745	PEARL ISLAND PIER LIGHTS (2)	48-36-55.200N 123-10-10.920W	FY			West of two lights on dock.	Private aid.
9750	PEARL ISLAND LIGHT 1	48-36-58.220N 123-10-12.593W	FI G 4s	15	4	SG on tower.	
9755	PEARL ISLAND DOCK LIGHT	48-37-03.000N 123-09-39.400W	FI Y 4s			On pile.	Private aid.
9765	Speiden Channel Buoy 3	48-38-04.545N 123-09-43.376W				Green can.	
9770	Roche Harbor Junction Buoy	48-37-30.274N 123-09-48.011W				Red and green bands; nun.	Rock is marked by kelp, and has 2 fathoms over it.
9775	- Junction Lighted Buoy A Southwest of shoal.	48-38-18.002N 123-10-56.627W	FI (2+1)G 6s		4	Green and red bands.	
9778	Reid Harbor Line Mooring System Lighted Buoys (3)	48-40-22.200N 123-11-48.540W	FIY 10s			3 Yellow spar buoys.	Connected with cable 2 feet above water surface. Private aid.
9780	TOM POINT SECTOR LIGHT (C)	48-39-44.400N 123-16-25.560W	FI W 4s (G Sector)	24	7 G 7	White square skeleton tower.	Green from 171° to 181°.
9785	ARACHNE REEF LIGHT (C)	48-41-05.214N 123-17-37.365W	FI (2+1)G 6s	19	11	White cyclindrical tower with green band at top.	Ra ref.
9790	TURN POINT LIGHT	48-41-19.646N 123-14-14.700W	FI W 2.5s	44	8	White concrete tower.	Light obscured from 260°30` to 357°.
9795	POINT FAIRFAX LIGHT (C)	48-41-57.114N 123-17-55.265W	FI (3)W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	29	7	White cylindrical tower.	Ra ref.
9798	Prevost Harbor Line Mooring System Lighted Buoys (2)	48-40-45.180N 123-11-48.120W	FIY 10s			3 yellow spar buoys.	Connected with cable 2 feet above water surface. Private aid.
	dary Pass	40 44 00 5	5 1144.4		_		5 (
9800	GOWLLAND POINT LIGHT (C)	48-44-09.014N 123-10-57.065W	FI W 4s	35	7	White cylindrical tower with green band at top.	Ra ref.
9805	SKIPJACK ISLAND LIGHT	48-43-57.727N	FI W 4s	18	6	NB on skeleton	Obscured from 261° to 347°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CTD	ALT OF ILLAN DE FLICA TO STD		VASHINGTON - Thir	teenth Distr	ict		
	AIT OF JUAN DE FUCA TO STRA ndary Pass	AII OF GEORGIA (C	nart 18421)				
19810	SATURNA ISLAND SECTOR LIGHT (C)	48-46-58.815N 123-02-45.065W	FI W 15s (NIGHT) F R	102 85	17 8	On red square skeleton tower.	Red light visible from 156° to 211.5°.
19815	- Shoal Isolated Danger Lighted Bell Buoy DB	48-45-53.391N 123-00-52.744W	(NIGHT) FI (2)W 5s		4	Black and red bands.	No topmark will be shown on thi aid as required by IALA standards due to weather.
19820	Rosenfeld Rock Lighted Buoy U59 (C)	48-48-11.415N 123-01-38.765W	FI G 4s			Green.	RACON: C ()
19825	PATOS ISLAND LIGHT	48-47-20.413N 122-58-16.902W	FI W 6s (R Sector)	52	W 9 W 9 R 8 R 8	White square tower on building.	Red from 011.5° to 059.5°, covers 6 fathom shoal. Red from 097° to 114°, covers Rosenfeld Rock.
19830	Sucia Island Buoy 1	48-45-46.227N 122-55-09.671W				Green can.	
19835	Sucia Island Buoy 2	48-45-45.537N 122-55-09.923W				Red nun.	
19840	PARKER REEF LIGHT	48-43-32.817N 122-53-39.773W	FI W 4s	15	5	NR on wooden crib.	Ra ref.
19853	Echo Bay Line Mooring System Lighted Buoys (3)	48-45-36.600N 122-54-28.260W	FIY 10s			3 yellow spar buoys.	Connected with cable 2 feet above water surface. Private aid.
19854	Echo Bay Line Mooring System Lighted Buoys (3)	48-45-36.600N 122-54-22.980W	FIY 10s			3 yellow spar buoys.	Connected with cable 2 feet above water surface. Private aid.
19857	EWING ISLAND REEF DANGER LIGHT Reef extends 25 yards to the southeast.	48-45-39.387N 122-52-34.235W	FI W 2.5s	12	4	NW worded DANGER REEF on pile.	
19860	Clements Reef Danger Buoy	48-45-46.407N 122-52-06.839W				White nun with orange bands, and orange diamond worded DANGER REEF.	
19865	Clements Reef Buoy 2	48-46-39.612N 122-53-30.211W				Red nun.	Marks reef.
Strai 19870	it of Georgia Alden Bank Junction Lighted Bell Buoy B	48-47-03.797N 122-48-58.174W	FI (2+1)R 6s		4	Red and green bands.	
19880	SANDY POINT LIGHT 2	48-47-12.444N 122-42-44.813W	FIR 4s	16	4	TR on multi-pile structure.	
19886	SANDY POINT LIGHT 3	48-47-16.371N 122-42-42.971W	FI G 2.5s	15	4	SG on multi-pile structure.	
19890	PHILLIPS 66 PIER SOUTH LIGHT	48-49-29.500N 122-43-13.970W	FY			NY on dolphin.	HORN: 1 blast ev 30s (3s bl). Private aid.
19891	PHILLIPS 66 PIER NORTH LIGHT	48-49-37.620N 122-43-10.210W	FY			NY on dolphin.	Private aid.
19894 19895	INTALCO PIER SOUTH LIGHT INTALCO PIER NORTH	48-50-22.090N 122-43-15.670W 48-50-31.240N	F Y F Y			On pier wing.	Private aid.
19095	LIGHT	122-43-19.530W	FI			On pier wing.	HORN: 2 blast ev 15s (2s bl-2s si-2s bl-9s si). Private aid.
19900	BP CHERRY POINT LIGHT A	48-51-37.120N 122-45-21.940W	FY			On mooring dolphin.	Private aid.
19905	BP CHERRY POINT LIGHT B	122-45-33.590W	FY			On mooring dolphin.	Private aid.
19906	BP CHERRY POINT LIGHT C	122-45-39.750W	FY			On mooring dolphin.	Private aid.
19907	BP CHERRY POINT LIGHT D	122-45-51.480W	F Y			On mooring dolphin.	Private aid.
19910	Alden Bank Junction Lighted Gong Buoy A	48-50-23.400N 122-52-13.732W	FI (2+1)R 6s		4	Red and green bands.	Deivete aid
19911	BIRCH BAY MOORING BASIN LIGHT 1	48-55-52.429N 122-47-14.340W	FI G 4s			SG on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
0.70	NT OF HIAN DE EUGA TO OTRA		SHINGTON - Thirtee	nth Distri	ct		
	AIT OF JUAN DE FUCA TO STR <i>i</i> t of Georgia	ATT OF GEORGIA (Cha	irt 18421)				
19912	BIRCH BAY MOORING BASIN LIGHT 2	48-55-52.663N 122-47-13.137W	FIR 4s			TR on pile.	Private aid.
19913	Birch Bay Mooring Basin Daybeacon 3	48-55-54.100N 122-47-15.800W				SG on breakwater.	Private aid.
19914	Birch Bay Mooring Basin Daybeacon 4	48-55-54.933N 122-47-13.797W				TR on breakwater.	Private aid.
Semi	ahmoo Bay						
19915	- Buoy 2	48-59-30.991N 122-47-40.014W				Red nun.	
19920	- LIGHT 4	48-59-32.268N 122-47-02.508W	FIR 6s	15	4	TR on multi-pile structure.	
19925	- Buoy 3	48-59-44.496N 122-46-47.062W				Green can.	
19927	Drayton Harbor Entrance Buoy 6	48-59-25.189N 122-46-04.665W				Red nun.	Marks shoal.
19930	BLAINE SMALL BOAT HARBOR LIGHT 8	48-59-27.195N 122-45-54.242W	FI R 2.5s	22	4	TR on end of jetty.	
Point	Roberts						
19945	- Lighted Bell Buoy 4	48-57-05.697N 122-59-13.557W	FIR 4s		5	Red.	
19950	- MARINA LIGHT 1	48-58-23.971N 123-03-53.223W	FI G 4s	15		On pile.	Private aid.
19955	- MARINA LIGHT 2	48-58-23.138N 123-03-49.295W	FIR 4s	20		TR on breakwater.	Private aid.
19957	- Marina Daybeacon 3	48-58-25.522N 123-03-50.530W				SG on dolphin.	Private aid.
19960	- MARINA BREAKWATER LIGHT	48-58-25.956N 123-03-43.704W	FIY 10s	20		On breakwater.	Private aid.
19962	- Marina Warning Daybeacon	48-58-29.021N 123-03-44.230W				NW on pile.	Private aid.
19965	- Light	48-58-17.874N 123-05-01.360W	FI (2)W 15s 0.1s fl 9.9s ec. 0.1s fl 4.9s ec.	31	16	NR on skeleton tower. 25	
	national Boundary			.			
<i>Воип</i> 19969	dary Lights are maintained by the - LIGHT A	49-00-07.467N 123-06-44.153W	FI Y 4s	States and 25	d Canada. 4	NY on concrete structure.	Aid maintained by International Boundery Commission.
19970	- LIGHT B	49-00-07.580N 123-05-34.643W	FIY4s	15	4	NY on multi-pile structure.	Aid maintained by International Boundery Commission.
19971	- LIGHT C	49-00-07.463N 123-02-06.794W	FIY4s	25	4	NY on skeleton tower, concrete structure.	Aid maintained by International Boundery Commission.
19972	- LIGHT D	49-00-07.563N 123-01-12.935W	FIY4s	36	4	NY on concrete structure.	Aid maintained by International Boundery Commission.
19973	- LIGHT E	49-00-07.734N 122-58-21.426W	FIY4s	15	4	NY on multi-pile structure.	Aid maintained by International Boundery Commission.
19974	- LIGHT F	49-00-07.939N 122-55-29.618W	FIY4s	15	4	NY on multi-pile structure.	Aid maintained by International Boundery Commission.
19975	- LIGHT G	49-00-07.825N 122-52-38.167W	FIY4s	15	4	NY on multi-pile structure.	Aid maintained by International Boundery Commission.
19976	- LIGHT H	49-00-07.763N 122-49-46.530W	FIY4s	15	4	NY on multi-pile structure.	Aid maintained by International Boundery Commission.

(1) No. (2) Name and Location (3) Position (4) Characteristic (6) Range (7) Structure (8) Remarks

WASHINGTON - Thirteenth District

STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)

International Boundary
Boundary Lights are maintained by the International Boundary Commission, United States and Canada.
777 - LIGHT I 49-00-07.633N FI Y 4s 42 4

122-46-54.888W

NY on concrete structure.

Aid maintained by International Boundery Commission.

			IDAHO - Thirteenth District		
Lake	Coeur D'Alene		IDATIO - TIMECONUI DISUICE		
Saint 20070	Joe River Trail of the Coeur D'Alenes Railroad Bridge Saint Joe River mile: 0.7	47-22-42.000N 116-45-12.000W		Swing bridge.	
LAKE	PEND OREILLE (Chart 18554)				
Pend 20075	Oreille River Merritt Brothers Highway Bridge Pend Oreille River mile: 94.5	48-10-34.000N 116-54-32.000W		Fixed bridge.	
20080	Spokane International Railroad Bridge Pend Oreille River mile: 111.3	48-15-11.000N 116-39-42.000W		Fixed bridge.	
LAKE	PEND OREILLE (Chart 18554)				
20085	SANDPOINT FIELD BOAT RAMP LIGHT A	48-15-49.560N 116-33-29.820W	FI Y 2s	On pole.	Private aid.
20086	Sandpoint US 95 Highway Bridge Lake Pend Oreille mile: 2.0	48-15-01.000N 116-32-20.000W		Fixed bridge.	
20087	Burlington Northern Santa Fe Railroad Bridge 3.9A Lake Pend Oreille mile: 2.7	48-15-25.400N 116-31-40.100W		Fixed bridge.	
20087.5	Burlington Northern Santa Fe Railroad Bridge 3.9B Lake Pend Oreille mile 2.7	48-15-25.200N 116-31-40.800W		Fixed Bridge.	
20088	Burlington Northern Santa Fe Railroad Bridge 3.1A Lake Pend Oreille - Sand Creek mile: 0.2	48-16-20.000N 116-32-39.000W		Fixed bridge.	
20088.5	Burlington Northern Santa Fe Railroad Bridge 3.1B Lake Pend Oreille – Sand Creek mile 0.2	48-16-19.350N 116-32-38.170W		Fixed Bridge.	
20090	SANDPOINT MARINA PIER LIGHT B	48-16-18.480N 116-32-19.800W	FI Y 2s	On statue.	Private aid.
20095	WINDBAG MARINA BREAKWATER LIGHT C	48-16-29.200N 116-32-23.700W	FI Y 2s	On pole.	Private aid.
20100	CONTEST POINT LIGHT 24	48-16-14.100N 116-30-04.140W	FIR 4s	TR on steel tower.	Private aid.
20100.1	SOURDOUGH POINT LAGOON LIGHT A	48-15-27.950N 116-28-09.720W	FI Y 2s	Metal tripod.	Seasonal 1 June to 1 September. Private aid.
20100.2	SOURDOUGH POINT LAGOON LIGHT 1	48-15-27.370N 116-28-10.130W	FI G 2s	Wood piling.	Seasonal 1 June to 1 September. Private aid.
20100.3	SOURDOUGH POINT LAGOON LIGHT 2	48-15-27.290N 116-28-11.080W	FIR 2s	Wood piling.	Seasonal 1 June to 1 September. Private aid.
20101	CLEAVENGER DOCK LIGHT	48-15-23.580N 116-26-24.540W	FI Y 6s	On dock.	Private aid.
20102	SUNNY SIDE LIGHT 25	48-16-46.740N 116-24-37.980W	FI G 4s	SG on dolphin.	Private aid.
20104	ANDERSON POINT LIGHT 26	48-15-01.500N 116-22-33.960W	FIR 4s	TR on dolphin.	Private aid.
20105	HOPE MARINE SERVICES BREAKWATER LIGHT 2	48-13-47.456N 116-16-42.214W	FIR4s	On corner of floating breakwater.	Private aid.
20105.5	HOPE MARINE SERVICES BREAKWATER LIGHT 1	48-13-42.336N 116-16-42.870W	FI G 4s	On corner of floating breakwater.	Private aid.
20106	HOPE POINT LIGHT 27	48-13-34.680N 116-18-30.420W	FI G 4s	SG on steel tower.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			IDAHO - Thirteent	h District			
LAKE 20108	PEND OREILLE (Chart 18554) PEARL ISLAND LIGHT	48-12-58.920N 116-19-54.720W	FI W 10s			NR on steel tower.	Private aid.
20110	ELLIOT BAY LIGHT 28	48-12-15.240N 116-21-35.700W	FIR 4s			TR on piling.	Private aid.
20112	LEE'S POINT LIGHT 29	48-09-02.451N 116-14-58.664W	FI G 4s			SG on wood piling.	Private aid.
20114	GARFIELD BAY LIGHT 30	48-10-36.660N 116-25-41.040W	FIR 4s			TR on steel stand.	Private aid.
20115	GRANITE POINT LIGHT 31	48-05-59.820N 116-25-58.440W	FI G 4s			SG on steel platform.	Private aid.
20116	MILLER'S POINT LIGHT 32	48-09-45.480N 116-26-24.660W	FIR 4s			TR on steel piling.	Private aid.
20118	Navy Mooring Lighted Buoy B2	48-05-32.000N 116-28-46.000W	QY			White and orange.	Navy maintained. Private aid.
20120	Navy Mooring Lighted Buoy B3	48-05-32.000N 116-29-20.000W	QY			White and orange.	Navy maintained. Private aid.
20122	Navy Lighted Weather Buoy	48-05-19.930N 116-29-15.160W	FI Y 2s			Orange sphere.	Navy maintained. Private aid.
20124	Navy Hauldown Submerged Buoy	48-05-18.000N 116-29-04.000W				Yellow float.	Float submerges 100ft when tests are underway. Navy maintained. Private aid.
20126	Navy Mooring Lighted Buoy B1	48-05-08.000N 116-28-45.000W	QY			White and orange.	Navy maintained. Private aid.
20128	Navy Mooring Lighted Buoy B4	48-05-07.000N 116-29-20.000W	QY			White and orange.	Navy maintained. Private aid.
20130	Navy Hauldown Lighted Buoy	48-04-53.000N 116-31-36.000W	FI Y 2s			White and orange.	Navy maintained. Private aid.
20132	NAVY OUTPOST PIER LIGHT	48-04-52.000N 116-31-43.000W	FI Y 2s			On pier.	Navy maintained. Private aid.
20133	NAVY LIGHTED DEEP MOORING #2	48-03-38.000N 116-30-03.000W	FI Y 2s			On float.	Navy maintained. Private aid.
20134	WHISKEY POINT LIGHT 33	48-03-29.520N 116-27-27.180W	FI G 4s			SG on steel stand.	Private aid.
20136	WHISKEY ROCK LIGHT	48-03-02.220N 116-27-31.380W	FI W 10s			NG on steel tower.	Private aid.
20137	WHISKEY ROCK BAY DOCK LIGHT	48-03-06.174N 116-27-19.836W	FIY6s			On dolphin at end of dock.	Private aid.
20138	Navy Hauldown Submerged Buoy 3	48-01-45.000N 116-30-08.000W					Buoy is 50ft below waters surface. Navy maintained. Private aid.
20140	NAVY LIGHTED OUTBOARD HAULDOWN #3	48-01-40.000N 116-30-35.000W	FI Y 2s			On orange and white float.	Navy maintained. Private aid.
20142	NAVY LIGHTED INBOARD HAULDOWN #3	48-01-35.000N 116-31-04.000W	FI Y 2s			On orange and white float.	Navy maintained. Private aid.
20144	NAVY WIGWAM PIER LIGHT	48-01-31.000N 116-31-27.000W	FI Y 2s			On pier.	Navy maintained. Private aid.
20146	NAVY LIGHTED DEEP MOORING #1	48-01-20.000N 116-29-45.000W	FI Y 2s			On float.	Navy maintained. Private aid.
20158	CAPE HORN LIGHT 34	47-59-23.880N 116-29-45.300W	FIR 4s			TR on steel stand.	Private aid.
20160	NAVY BARGE LIGHT B	47-58-47.000N 116-32-06.000W	FI Y 2s			On barge.	Navy maintained. Private aid.
20162	NAVY BARGE LIGHT A	47-58-48.000N 116-32-06.000W	FI Y 2s			On barge.	Navy maintained. Private aid.
20164	NAVY TRANSFORMER FLOAT LIGHT B	47-58-47.000N 116-32-08.000W	FI Y 2s			On barge.	Navy maintained. Private aid.
20166	NAVY TRANSFORMER FLOAT LIGHT A	47-58-47.000N 116-32-10.000W	FI Y 2s			On barge.	Navy maintained. Private aid.
20168	NAVY HARBOR ENTRANCE LIGHT 2	47-58-41.000N 116-33-39.000W	FIR 2s			On pile.	Navy maintained. Private aid.
20170	NAVY HARBOR ENTRANCE LIGHT 1	47-58-38.000N 116-33-41.000W	FI G 2s			On pile.	Navy maintained. Private aid.
20175	FARRAGUT PARK BREAKWATER LIGHT 2	47-57-51.270N 116-32-42.680W	FIR 4s			On breakwater.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
140.	Hame and Location	i osition	IDAHO - Thirteent		Tange	Gauctule	romano
LAKE 20180	E PEND OREILLE (Chart 18554) FARRAGUT PARK BREAKWATER LIGHT 1	47-57-50.920N 116-32-44.260W	FI G 4s			On breakwater.	Private aid.
STRA	AIT OF GEORGIA AND STRAIT	OF JUAN DE FUCA	BRITISH COLU	JMBIA			
20320	GANGES HARBOR LIGHT (C)	48-50-12.420N 123-27-12.781W	FIR 4s	27	4	White square skeleton tower with red band on top.	
20325	PORTLOCK POINT LIGHT (C)	48-49-42.014N 123-21-00.065W	QW	51	7	White square tower.	Year round.
20330	CONCONI REEF LIGHT (C)	48-49-30.014N 123-17-30.065W	QW	20	5	White circular tower with red band at top.	
20335	PEILE POINT LIGHT (C)	48-51-00.014N 123-24-18.065W	FI W 4s	25	7	White circular tower.	
20340	Ben Mohr Rock Lighted Buoy UK (C)	48-51-36.014N 123-23-30.065W				Red and green bands.	
20345	PHILLIMORE POINT LIGHT (C)	48-52-18.014N 123-23-24.065W	QR	24		White circular tower, red band at top.	
20350	ENTERPRISE REEF LIGHT (C)	48-50-42.014N 123-20-48.065W	F R W (Sectors)	19		White circular tower with red band at top.	White 107.5° to 110°, Red 110° to 121°, White 121° to 123.5°. Ra ref.
20355	HELEN POINT LIGHT (C)	48-51-30.014N 123-20-36.065W	QW	23	6	White circular tower with red band at top.	
20360	GALIANO LIGHT (C)	48-51-42.014N 123-20-54.065W	QG	21	5	White circular tower with green band at top.	Ra ref.
20365	MARY ANNE POINT LIGHT (C)	48-51-42.014N 123-18-42.065W	QW	25	6	White circular tower with green band at top.	Ra ref.
20370	Active Pass Light	48-52-24.014N 123-17-24.065W	FI W 10s	57	17	White circular tower.	Emergency light.
20375	Gossip Shoals Lighted Bell Buoy U47 (C)	48-53-06.014N 123-18-18.065W	FI G 4s			Green.	
20380	NORTH REEF LIGHT (C)	48-54-54.014N 123-37-30.066W	FI (3)W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	22	7	White circular tower.	
20385	BARE POINT LIGHT (C)	48-55-48.014N 123-42-18.066W	FI G 4s	31	5	White circular tower with green band at top.	
20390	ALARM ROCK LIGHT (C)	48-57-30.014N 123-40-30.066W	FI (2)W 6s	17	6	White circular tower.	Ra ref.
20395	PREEDY HARBOR LIGHT (C)	48-58-06.014N 123-41-00.066W	QR	17	6	White circular tower with red band at top.	Ra ref.
20400	COFFIN ISLAND LIGHT (C)	48-59-12.014N 123-45-06.066W	FI W 4s	19	6	White circular tower with green band at top.	Ra ref.
20405	SOUTHEY POINT LIGHT (C)	48-56-48.014N 123-35-42.066W	QW	20	6	White circular tower.	
20410	GRAPPLER ROCK LIGHT (C)	48-56-24.014N 123-36-06.066W	FIR 4s	20	6	White circular tower, red band at top.	
20415	Panther Point Lighted Buoy U44 (C)	48-55-48.014N 123-32-24.066W	FIR 4s			Red.	
20420	WALKER ROCK LIGHT (C)	48-55-24.014N 123-29-36.066W	FI (3)W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec. (G, W & R Sectors)	24	G 7 R 7 W 7	White circular tower.	Ra ref. Green Sector 082° to 088°, white sector 088° to 092°, red sector 092° to 099°.
20425	Victoria Shoal Lighted Buoy U43 (C)	48-55-12.014N 123-30-54.066W	FI G 4s			Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLU	JMBIA			
STRA 20430	AIT OF GEORGIA AND STRAIT O Governor Rock Lighted Buoy U45 (C)	DF JUAN DE FUCA (48-54-48.014N 123-29-48.066W	Chart 18400) FI G 4s			Green.	
20435	PORLIER PASS RANGE FRONT LIGHT (C)	49-00-46.514N 123-35-09.266W	FY	22		White cylindrical tower.	
20440	PORLIER PASS RANGE REAR LIGHT 483 yards, 196.1° from front light. (C)	49-00-32.914N 123-35-15.066W	FY	34		White square tower.	
20445	Porlier Pass Lighted Bell Buoy U41 (C)	49-01-36.014N 123-34-54.066W	FI G 4s			Green.	
20450	DANGER REEFS LIGHT (C)	49-03-18.014N 123-42-54.066W	QW	22	5	White circular tower.	When passing southward, ships should be given a berth of at least one half mile. Ra ref.
20455	JOAN POINT LIGHT (C)	49-08-12.014N 123-49-00.066W	QW	29	5	White circular tower with green band at top.	
20460	Gallows Point Light (C)	49-10-12.014N 123-55-06.066W	Iso W 2s	24	11	White circular tower with red band at top.	
20465	Canoe Pass Lighted Bell Buoy T14 (C)	49-02-18.014N 123-15-24.066W	FIR 4s			Red.	RACON: K ()
20470	Roberts Bank Light (C)	49-05-18.014N 123-18-36.066W	FI W 5s	36	10	White circular tower with red band at top and a concrete building on 8-piles.	RACON: N ()
20475	Roberts Bank Cautionary Lighted Buoy TA (C)	49-04-24.014N 123-22-48.066W	FI Y 4s			Yellow.	RACON: 0 ()
20480	Sand Heads Light (C)	49-06-24.014N 123-18-12.066W	FI G 5s	52	16	Fluorescent orange square tower on white rectangular building.	Emergency light.
20485	Sand Heads Lighted Bell Buoy S1 (C)	49-06-12.014N 123-18-36.066W	FI G 4s			Green.	
20490	WESTERLY LIGHT (C)	49-15-30.014N 123-16-42.066W	FI (3)W 12s	26	9	White circular tower.	
20495	Point Grey Lighted Bell Buoy Q62 (C)	49-17-24.014N 123-15-54.066W	QR			Red.	
20500	Point Atkinson Light (C)	49-19-49.014N 123-15-53.066W	FI (2)W 5s 0.25s fl 0.75s ec. 0.25s fl 3.75s ec.	108	15	White hexagonal tower, with buttresses.	Emergency light.
20505	Vancouver Approach Cautionary Lighted Buoy QA (C)	49-16-36.014N 123-19-12.066W	FIY4s			Yellow.	RACON: G ()
20510	POINT COWAN LIGHT	49-20-06.014N 123-21-36.066W	QW	67	7	White circular tower.	
20515	CAPE ROGER CURTIS LIGHT (C)	49-20-24.014N 123-26-00.066W	FI (3)W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	36	5	White circular tower.	
20520	POPHAM ISLAND LIGHT (C)	49-21-48.014N 123-29-30.066W	FIR 4s	41	7	White tower with red band at top.	
20525	THRASHER ROCK LIGHT (C)	49-09-00.014N 123-38-24.066W	FI (3)W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	36	7	White circular tower with green band at top.	RACON: X () Ra Ref.
20530	Gabriola Reefs Lighted Buoy UM (C)	49-07-42.014N 123-39-18.066W				Green and red bands.	
20535	TUGBOAT ISLAND LIGHT (C)	49-08-54.014N 123-41-00.066W	FI W 4s	20	5	White circular tower.	
20540	Entrance Island Light (C)	49-12-36.014N 123-48-30.066W	FI W 5s	62	15	White circular tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COL	UMBIA			
	AIT OF GEORGIA AND STRAIT I	OF JUAN DE FUCA	(Chart 18400)				
21770	Lucy Islands Light (C)	54-17-45.011N 130-36-32.076W	FIR 6s	71	14	White octagonal tower.	Visible from 094.5° to 351.5°. Emergency light.
21775	Tugwell Reef Lighted Bell Buoy D61 (C)	54-18-41.011N 130-30-17.076W				Green.	
21780	SHRUB ISLAND LIGHT (C)	54-19-48.011N 130-27-36.076W	QR	18		White circular tower, red band at top.	
21785	RYAN POINT REEF LIGHT (C)	54-21-36.011N 130-29-54.076W	FI W 6s	15		On skeleton tower.	Visible from 023° to 177°.
21790	Hodgson Reefs Lighted Whistle Buoy D84 (C)	54-23-09.511N 130-32-34.876W				Red.	
21795	SLIPPERY ROCK LIGHT (C)	54-24-00.011N 130-29-42.076W	FI (3)W 12s	22	5	White circular tower.	
21800	Tree Bluff Lighted Bell Buoy D86 (C)	54-25-48.011N 130-30-48.077W				Red.	
21805	WHITESAND ISLAND LIGHT (C)	54-30-48.010N 130-44-48.077W	FI W 4s	22		White skeleton tower.	
21810	BIRNIE ISLAND LIGHT (C)	54-35-24.211N 130-27-48.577W	FI W 4s	28	5	White mast.	
21815	POINTER ROCKS LIGHT (C)	54-36-17.711N 130-32-14.977W	FI W 6s	21	5	White circular tower.	
21820	Green Island Light (C)	54-34-06.010N 130-42-24.077W	FI W 5s	63	13	White tower.	Emergency light. Year round. Operates at night only. Horn points 239°. HORN: 1 blast ev 27s (3s bl).
21825	HOLLIDAY ISLAND LIGHT (C)	54-37-24.010N 130-45-30.077W	FI W 6s	21	5	White slatted daymark.	Visible from 109° to 354°.
21830	JACINTO POINT LIGHT (C)	54-34-48.010N 131-04-30.077W	FI W 6s	35	5	Skeleton tower.	
			ALASKA - Sevente	enth Distric	t		
	ATE STRAIT TO ETOLIN ISLAN n Entrance	D (Chart 17420)					
21835	LORD ROCK LIGHT	54-43-32.826N 130-49-13.289W	FI W 4s	38	7	NR on skeleton tower.	
21840	TREE POINT LIGHT	54-48-10.354N 130-56-01.811W	FI W 6s	86	9		Obscured from 158° to 318°.
21840.5	MXAK Tree Point ASTA	54-48-10.380N 130-56-04.080W					AIS transceiver. MMSI: 993032036 Private aid.
21845	BARREN ISLAND LIGHT	54-44-37.720N 131-21-02.818W	FI W 4s	85	7	NR on spindle.	
21850	CAPE CHACON LIGHT	54-41-26.500N 132-01-01.043W	FI W 2.5s	50	6	NR on spindle.	Obscured from 112° to 226.5°.
21855	POINT MARSH LIGHT	54-42-42.291N 132-17-43.044W	FI W 4s	74	6	NR on skeleton tower.	Obscured from 127° to 265°.
Portl 21860	and Inlet LIZARD POINT LIGHT (C)	54-50-00.011N 130-16-30.077W	FI W 6s	24	7	Red cylindrical tower.	
21865	RAMSDEN POINT LIGHT (C)	54-58-59.711N 130-06-16.277W	FI (3)W 12s	27	5	Orange square skeleton tower.	Obscured from 117.5° to 260°.
Pear	se Canal						
21870	- ISLAND LIGHT (C)	54-47-02.111N 130-36-36.277W	FI W 4s	12	5	White square daymarks on E., S. and W. sides of square skeleton tower.	
Portl 21875	and Canal REEF ISLAND LIGHT	55-04-43.583N 130-12-10.626W	FI W 4s	19	9	NR on skeleton tower.	Obscured from 020.5° to 197.5°
21880	HATTIE ISLAND LIGHT (C)	55-17-15.011N 129-58-12.078W	FI W 6s	21	5	Orange circular slatwork daymark on pole.	Visible from 171° to 336°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HEC	ATE STRAIT TO ETOLIN ISLANI	O (Chart 17420)	ALASKA - Seventee	enth District	1		
	land Canal Hyder Harbor Entrance Buoy 1					Croon con	
21090	nyder narbor Entrance Budy 1	130-00-33.875W				Green can.	
21895	Salmon River Shoal Buoy 3	55-54-27.452N 130-00-19.851W				Green can.	
21900	STEWART LIGHT (C)	55-54-37.611N 129-59-28.679W	FI (3)W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	12	5	Square skeleton tower.	
21905	STEWART DOLPHIN WEST LIGHT (C)	55-54-46.111N 130-00-16.679W	FI G 4s	23	4	Three pile dolphin.	
	at Bay	5.4.5.40.000M					
21910	Tongass Reef Daybeacon	54-47-12.898N 130-44-40.495W				NR on skeleton tower.	
21915	BOAT ROCK LIGHT	54-46-49.012N 130-47-58.103W	FI W 2.5s	38	6	NR on spindle.	Obscured from 049° to 210°.
Revi 21920	llagigedo Channel EAST ISLAND LIGHT	54-52-14.818N 131-11-45.342W	FI W 2.5s	43	7	NR on skeleton tower.	Obscured from 014° to 184°.
21925	FOGGY POINT LIGHT	54-55-26.452N 130-58-39.396W	FI W 4s	17	6	NR on skeleton tower.	
21930	BLACK ROCK LIGHT	55-01-25.404N 131-03-35.424W	FI W 6s	55	6	NR on skeleton tower.	
21935	SLATE ISLANDS LIGHT	55-05-17.246N 131-03-10.430W	FI W 4s	33	5	NR on spindle.	Obscured from 121° to 247°.
21940	MARY ISLAND LIGHT	55-05-56.560N 131-10-57.426W	FI W 6s	76	6		Obscured from 341° to 150°.
21945	TWIN ISLANDS LIGHT TI	55-08-35.086N 131-13-01.938W	FI G 6s	19	4	SG on skeleton tower.	Obscured from 324° to 081°.
21950	HOG ROCKS LIGHT	55-10-40.648N 131-16-59.094W	FI W 4s	23	7	NR on concrete caisson.	
21955	ANGLE POINT LIGHT	55-14-19.426N 131-25-37.020W	FI W 6s	24	6	NR on skeleton tower.	Obscured from 132° to 288°.
21960	Mastic Rock Buoy 2	55-15-26.054N 131-24-02.213W				Red nun.	
21965	SPIRE ISLAND REEF LIGHT SI	55-16-05.057N 131-29-58.984W	FI G 4s	30	4	SG on concrete caisson.	
21970	CUTTER ROCKS LIGHT CR	55-17-20.672N 131-31-28.377W	FI (2+1)R 6s	11	3	JR on spindle.	
21973	Mountain Point Daybeacon 2	55-17-35.626N 131-32-34.962W				TR on skeleton tower.	
21975	MOUNTAIN POINT LIGHT	55-17-37.446N 131-32-54.767W	FI W 6s	29	6	NR on skeleton tower.	Obscured from 117° to 282°.
21980	Potter Rock Lighted Bell Buoy	55-18-06.194N 131-34-39.662W	FI (2+1)R 6s		4	Red and green bands.	
	ce Strait						
21985	Indian Rock Lighted Buoy 6	55-01-48.798N 131-20-50.226W	FIR 4s		3	Red.	
21990	SNIPE ISLAND LIGHT 5	55-00-13.840N 131-23-20.790W	FI G 6s	20	4	SG on skeleton tower.	
21995	AJAX REEF LIGHT 3	55-00-04.974N 131-27-43.411W	FI G 4s	31	4	SG on skeleton tower.	
22000	HARRIS ISLAND LIGHT 2	55-00-13.846N 131-32-07.092W	FIR 6s	16	4	TR on skeleton tower.	Obscured from 294° to 083°.
22005	POINT DAVISON LIGHT	54-59-38.616N 131-36-50.324W	FI W 6s	33	6	NR on spindle.	Obscured from 138° to 250°.
22007	MXAK Metlakatla ASTA	55-02-33.299N 131-34-57.598W					AIS transceiver. MMSI: 993032040 Private aid.
Tame	gas Harbor						
22010	- ENTRANCE LIGHT	55-01-19.012N 131-30-49.848W	FI W 4s	30	6	NR on skeleton tower.	
22015	- Buoy 1	55-02-02.788N 131-31-16.212W				Green can.	

MECATE STRAIT TO ETOLIN ISLAND Chart 17420 STRAIN Chart 174	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Notice Passage Passa	HEC	ATE STRAIT TO ETOLIN ISLAND) (Chart 17/20)	ALASKA - Sevente	enth Distric	t		
West Channel			(Ghait 17420)					
Point McCartry Buby 3	22020	Hid Reef Lighted Buoy 2		FIR 4s		4	Red.	
POINT MCCARTEY LIGHT							Green can.	
Channel Lighted Bell Buoy 4 131-39-42 (2004 17-500h 22030	POINT MCCARTEY LIGHT	55-06-48.640N	FI W 6s	44	5			
Nichols Passage East Channel 55-09-17-500N September 131-38-22-248W September 131-38-22-248W September 131-38-22-248W September 131-38-22-248W September 131-38-22-248W September 131-38-21-250N S	22035			FI R 2.5s		4	Red.	
Daybeacon 2			EE 00 17 E00N				TD as asiadle	
131-37-56.193W War		Daybeacon 2	131-36-22.248W				·	
LICHT	22043	Reip Rocks Buoy I					Green can.	
Port Chester	22050			FI W 4s	35	5		Obscured from 063° to 189°.
131-36-23-226W	22055	Gull Island Lighted Buoy GI		FI (2+1)R 6s				
METLAKATLA BOAT	22060	DRIEST POINT LIGHT 4		FIR 6s	29	4	TR on spindle.	Obscured from 177° to 328°.
HARBOR LICHT 2	Port	Chester						
Daybeacon 3 131-35-05 664W SG on pile.	22065			FI R 2.5s	20	4	TR on spindle.	
Daybeacon 5 131-35-09.621W SG on pile	22070						SG on pile.	
Daybeacon 7 131-35-08.621W FIR 4s 40 3 TR on skeleton tower.	22075						SG on pile.	
131-34-38,721W tower.	22080						SG on pile.	
LIGHT 1	22085	VILLAGE POINT LIGHT 4		FIR 4s	40	3		
131-34-28.758W	22090			FI G 4s	10	4	SG on spindle.	
131-33-07.446W tower.	22100	Scrub Island Lighted Buoy 5		FI G 6s			Green can.	
131-33-55.222W	22102	HUB ROCK LIGHT		FI W 2.5s	20	5		
131-34-14.052W FI G 4s 4 Green.	22105	Scrub Island Lighted Buoy 7		FI G 2.5s			Green Can.	
Nichols Passage 22115 Bailey Rock Daybeacon 2 55-15-25.852N 131-36-03.768W TR on spindle. TR o	22107	MORSE ROCK LIGHT 8		FIR 4s	10	4	TR on pile.	
TR on spindle. TR o	22110	Lively Rock Lighted Buoy 9		FI G 4s		4	Green.	
131-36-03.768W 22120 BLANK ISLAND LIGHT 55-15-59.103N 131-38-23.125W FI W 2.5s 37 6 NR on skeleton tower. Obscured from 042° to 197.5°. 22125 WALDEN ROCK LIGHT 6 55-16-15.694N 131-36-44.568W FI R 6s 20 4 TR on spindle. Trongass Narrows 22130 - West Channel Lighted Buoy 55-18-01.004N 131-36-21.391W FI R 2.5s 3 Red. Red.	Nich	ols Passage						
131-38-23.125W tower.	22115	Bailey Rock Daybeacon 2					TR on spindle.	
Tongass Narrows 22130 - West Channel Lighted Buoy 2 55-18-01.004N 131-36-21.391W 22135 - WEST CHANNEL LIGHT 4 55-19-08.263N 131-38-35.043W 22140 - West Channel Lighted Buoy 5 5-19-09.132N 131-38-53.183W 22142 - East Channel Regulatory Buoy 55-19-22.010N 131-36-40.579W 22145 - East Channel Entrance Buoy 55-18-33.764N FI R 2.5s 3 Red. FI R 4s 18 5 TR on skeleton tower. FI G 4s 4 Green. White with orange bands labeled "7 KTS". Red nun.	22120	BLANK ISLAND LIGHT		FI W 2.5s	37	6		Obscured from 042° to 197.5°.
22130 - West Channel Lighted Buoy 2 55-18-01.004N 131-36-21.391W FI R 2.5s 3 Red. 22135 - WEST CHANNEL LIGHT 4 55-19-08.263N 131-38-35.043W FI R 4s 18 5 TR on skeleton tower. 22140 - West Channel Lighted Buoy 55-19-09.132N 131-38-53.183W FI G 4s 4 Green. 22142 - East Channel Regulatory Buoy 131-36-40.579W 131-36-40.579W White with orange bands labeled "7 KTS". 22145 - East Channel Entrance Buoy 55-18-33.764N Red nun.	22125	WALDEN ROCK LIGHT 6		FIR 6s	20	4	TR on spindle.	
22135 - WEST CHANNEL LIGHT 4 55-19-08.263N FI R 4s 18 5 TR on skeleton tower. 22140 - West Channel Lighted Buoy 55-19-09.132N 131-38-53.183W 22142 - East Channel Regulatory Buoy 55-19-22.010N 131-36-40.579W 22145 - East Channel Entrance Buoy 55-18-33.764N FI R 4s 18 5 TR on skeleton tower. 4 Green. White with orange bands labeled "7 KTS". Red nun.	-	- West Channel Lighted Buoy		FI R 2.5s		3	Red.	
22140 - West Channel Lighted Buoy 55-19-09.132N FI G 4s 4 Green. 5 131-38-53.183W 22142 - East Channel Regulatory Buoy 131-36-40.579W 55-19-22.010N Suoy 131-36-40.579W 55-18-33.764N FI G 4s 4 Green. White with orange bands labeled "7 KTS".	22135		55-19-08.263N	FIR 4s	18	5		Obscured from 126° to 315°.
22142 - East Channel Regulatory 55-19-22.010N Buoy 131-36-40.579W	22140		55-19-09.132N	FI G 4s		4		
22145 - East Channel Entrance Buoy 55-18-33.764N Red nun.	22142	- East Channel Regulatory	55-19-22.010N				bands labeled "7	
	22145							

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HEC	ATE STRAIT TO ETOLIN ISLANI) (Chart 17420)	ALASKA - Sevente	enth Distric	t		
Tong 22147	gass Narrows SAXMAN BREAKWATER LIGHT	55-18-52.800N 131-35-46.100W	FR	15		On post.	Private aid.
22150	California Rock Lighted Buoy 3		FI G 4s		4	Green.	
22155	Idaho Rock Lighted Buoy 4	55-19-00.964N 131-36-07.174W	FIR 4s		4	Red.	
22156	- West Channel Regulatory Buoy	55-19-30.802N 131-39-12.849W				White with orange bands labeled "7 KTS".	
22162	- East Channel Lighted Buoy AGS	55-20-08.000N 131-37-59.000W	FI W 4s			White with orange bands.	Maintained from Jun. 25 to Sep 10. Private aid.
22163	Trident Seafood Outfall Lighted Buoy "TSK"	55-20-12.000N 131-38-15.000W	FI W 3s			White with orange bands.	Maintained from Jul. 01 to Sept. 15. Private aid.
22165	THOMAS BASIN ENTRANCE LIGHT 2	55-20-18.063N 131-38-33.146W	FI R 2.5s	28	4	TR on skeleton tower.	i iivate ala:
22176	KETCHIKAN BERTH #1 SOUTH PIER LIGHT	55-20-17.650N 131-38-36.440W	FG	12		On post.	Private aid.
22178	KETCHIKAN BERTH #3 PIER LIGHT	55-20-35.845N 131-39-13.155W	QY	25		On pile.	Private aid.
22179	KETCHIKAN BERTH #4 EAST PIER LIGHT	55-20-38.305N 131-39-16.300W	FI Y 2.5s	25		On pile.	Private aid.
22180	KETCHIKAN BERTH #4 WEST PIER LIGHT	55-20-40.304N 131-39-33.356W	QY	25		On pile.	Private aid.
22190	Pennock Island Reef Lighted Buoy PR	55-20-17.910N 131-40-05.379W	FI (2+1)G 6s		3	Green and red bands.	
22195	- Wreck Lighted Buoy WR6	55-20-41.710N 131-40-20.079W	QR		3	Red.	
Bar I	Harbor						
22200	- SOUTH ENTRANCE LIGHT 2S	55-20-52.125N 131-40-41.732W	FIR 4s	11	4	TR on skeleton tower on concrete base.	
22201	- BREAKWATER EAST LIGHT	55-20-50.800N 131-40-41.100W	FI Y 2.5s	6		On breakwater.	Private aid.
22202	- BREAKWATER MIDDLE LIGHT	55-20-50.400N 131-40-42.540W	FI Y 2.5s	6		On breakwater.	Private aid.
22203	- BREAKWATER WEST LIGHT	55-20-50.000N 131-40-44.000W	FI Y 2.5s	6		On breakwater.	Private aid.
22205	- South Entrance Daybeacon 3S	55-20-53.919N 131-40-44.774W				SG on skeleton tower on concrete base.	
22210	- ENTRANCE LIGHT 2	55-20-56.577N 131-41-06.440W	FI R 2.5s	8	4	TR on skeleton tower.	
22215	- Entrance Daybeacon 3	55-20-00.195N 131-41-07.238W				SG on skeleton tower.	
22220	- NORTH ENTRANCE LIGHT 2N	55-21-05.056N 131-41-21.499W	FIR 6s	8	4	TR on skeleton tower.	
22223	MXAK Ketchikan ASTA	55-21-05.688N 131-41-02.425W					AIS transceiver. MMSI: 993032008 Private aid.
Tong 22225	gass Narrows EAST CLUMP LIGHT 7	55-20-40.581N 131-41-20.420W	FI G 6s	15	5	SG on spindle.	
22230	- Buoy 9	55-21-50.556N 131-43-13.346W				Green can.	
22235	MARINE HIGHWAY WHARF LIGHTS (2)	55-21-21.800N 131-42-02.000W	FIR 4s	13		On boxes on concrete wharf.	Private aid.
22240	- Lighted Buoy 10	55-22-21.156N 131-43-36.147W	FI R 2.5s		4	Red.	
22245	LEWIS REEF LIGHT 11	55-22-27.977N 131-44-18.735W	FI G 2.5s	15	5	SG on concrete caisson.	
22250	Peninsula Point Reef Buoy 2	55-23-03.010N 131-44-28.079W				Red nun.	

(1) No.	(2)	_ (3)	(4)	(5)	_ (6)	_ (7)	_ (8)
No.	Name and Location	Position	Characteristic	Height	Range	Structure	Remárks
HEC	ATE STRAIT TO ETOLIN ISLAN	D (Chart 17420)	ALASKA - Sevente	enth Distric	t		
Tong	gass Narrows	5 (Share 11-120)					
22253	Bolles Ledge LB 2	55-24-13.840N 131-43-33.551W	QR			Red.	
22255	CHANNEL ISLAND LIGHT 14	55-23-41.351N 131-45-52.835W	FIR 4s	24	5	TR on skeleton tower on concrete base.	Obscured from 238° to 268°.
22260	Ohio Rock Lighted Buoy OR	55-23-47.343N 131-46-19.842W	FI (2+1)R 6s		4	Red and green bands.	
22265	REFUGE COVE ENTRANCE LIGHT 2	55-24-03.604N 131-45-00.079W	FIR 6s	15	4	TR on spindle.	
22267	DANGER ISLAND LIGHT	55-24-05.152N 131-45-59.743W	FI W 4s	15	3	NR on spindle.	
22270	Refuge Cove Daybeacon 3	55-24-06.862N 131-45-04.081W				SG on spindle.	
22275	Refuge Cove Daybeacon 5	55-24-14.746N 131-44-50.144W				SG on spindle.	
22280	ROSA REEF LIGHT 15	55-24-48.363N 131-48-09.177W	FI G 6s	24	6	SG on caisson.	
22285	POND REEF LIGHT 16	55-26-14.188N 131-48-54.043W	FI R 2.5s	13	4	TR on spindle.	
22290	Vallenar Point Buoy 17	55-25-48.722N 131-50-28.133W				Green can.	
22295	VALLENAR ROCK LIGHT	55-25-51.678N 131-51-46.311W	FI W 2.5s	18	6	NR on spindle.	
22300	Guard Island Light	55-26-45.392N 131-52-52.047W	FI W 10s	74	13	30	Emergency light (FI W 6s) of reduced intensity when main ligh is extinguished.
Behi	m Canal						
22303	MXAK Guard Island ASTA	55-26-47.159N 131-52-51.719W					AIS transceiver. MMSI: 993032026 Private aid.
22305	CLOVER PASSAGE ENTRANCE LIGHT	55-28-43.042N 131-48-46.603W	FI W 6s	20	6	NR on skeleton tower.	Obscured from 102° to 230°.
22310	Clover Passage Daybeacon CP	55-28-33.568N 131-47-57.817W				TR on spindle.	
22315	Knudson Cove Daybeacon	55-28-20.938N 131-47-48.175W				NR on spindle.	
22320	Knudson Cove Floating Dock Daybeacon	55-28-24.000N 131-47-42.000W				SG on breakwater.	Private aid.
22325	Hump Island Daybeacon	55-31-02.715N 131-45-21.136W				NR on skeleton tower.	
22327	- RANGE FRONT LIGHT	55-32-10.120N 131-49-57.140W	FI W 2.5s	29		KRW and NR on skeleton tower.	
22328	 Range Rear Daybeacon 1,534 yards, 210.5° from front light 	55-31-31.048N 131-50-37.789W				KRW on skeleton tower.	
22329	Moser Bay Coast Guard Lighted Mooring Buoy	55-34-01.104N 131-40-38.962W	FI W 2.5s		3	White with blue band.	
22330	GRANT ISLAND LIGHT	55-33-16.330N 131-43-43.807W	FI W 6s	18	7	NR on skeleton tower.	
22335	HELM BAY LIGHT	55-34-50.430N 131-55-43.497W	FI W 4s	14	7	NR on skeleton tower.	
22337	POINT FRANCIS LIGHT	55-39-50.392N 131-49-24.907W	FI W 2.5s	32	6	NR on skeleton tower.	
22340	BUSHY POINT LIGHT	55-43-51.814N 131-43-56.515W	FI W 4s	18	6	NR on skeleton tower.	
22345	BLUFF POINT LIGHT	55-53-02.824N 131-44-46.364W	FI W 6s	12	6	NR on skeleton tower.	
22350	SNIPE POINT LIGHT	55-55-32.266N 131-36-53.671W	FI W 2.5s	18	5	NR on skeleton tower.	
Clar	ence Strait						
22360	MCLEAN POINT LIGHT	54-47-29.704N 131-57-23.928W	FI W 4s	58	5	NR on skeleton tower.	Obscured from 012° to 165.5°.
22363	Kendrick Bay Coast Guard Mooring Buoy	54-53-42.850N 132-02-38.961W				White sphere with blue stripe.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	enth Distric	l .		
	ATE STRAIT TO ETOLIN ISLAN	D (Chart 17420)					
22365	MOIRA ROCK LIGHT	55-04-57.591N 131-59-54.394W	FI W 4s	40	5	NR on skeleton tower.	
22370	SKIN ISLAND LIGHT	55-18-05.160N 132-04-22.404W	FI W 4s	33	6	NR on skeleton tower.	Obscured from 006° to 152°.
22375	HIGH ISLAND LIGHT	55-24-02.806N 132-09-51.187W	FI W 6s	40	6	NR on skeleton tower.	Obscured from 330° to 132°.
Kasa 22380	an Bay SKOWL POINT LIGHT	55-25-39.353N 132-16-11.011W	FI W 4s	15	5	NR on skeleton tower.	
22400	KASAAN LIGHT	55-32-04.683N 132-23-45.979W	FI W 4s	12	6	NR on spindle.	Obscured from 120.5° to 302.5°
22401	JARVIS ISLAND LIGHT 1	55-30-23.979N 132-33-37.195W	FI G 4s	12	4	SG on spindle.	
22403	CLARK BAY LIGHT 2	55-29-56.415N 132-35-08.881W	FI R 2.5s	8	4	TR on spindle.	Obscured from 042° to 155°.
22405	HOLLIS FERRY TERMINAL EAST LIGHT	55-29-26.000N 132-37-07.000W	FIR 6s	32		On dolphin.	Private aid.
22407	HOLLIS FERRY TERMINAL WEST LIGHT	55-29-25.000N 132-37-21.000W	FR	34		On dolphin.	Private aid.
22410	Clark Bay Daybeacon 3	55-29-18.159N 132-37-04.693W				SG on spindle.	
Clare 22415	ence Strait CAAMANO POINT LIGHT	55-29-54.616N 131-59-01.819W	FI W 6s	41	6	NR on skeleton tower.	Obscured from 124° to 276°.
22425	SHIP ISLAND LIGHT	55-35-55.963N 132-12-11.108W	FI W 4s	40	7	NR on skeleton tower.	Partially obscured by trees between island and main shore from 180° to 305°.
Thor	ne Bay						
22427	- ENTRANCE LIGHT 2	55-40-45.069N 132-27-30.271W	FIR 6s	14	4	TR on spindle.	Obscured from 135° to 243°.
22427.5	- LIGHT 3	55-40-42.969N 132-27-59.191W	FI G 2.5s	15	4	SG on spindle.	Obscured from 305° to 055°.
22428	- CHANNEL LIGHT 5	55-40-17.649N 132-28-34.531W	FI G 4s	29	4	SG on spindle.	
22428.5	- Daybeacon 6	55-40-01.563N 132-30-12.499W				TR on spindle.	
22429	- SOUTH ARM LIGHT	55-39-38.859N 132-30-09.625W	FI W 4s	22	5	NR on spindle.	
22429.3	- DAVIDSON LANDING LIGHT	55-40-12.600N 132-31-19.800W	FIW 10s	6		Steel pile.	Private aid.
22429.5	- Channel Daybeacon 7	55-40-33.765N 132-31-39.547W				SG on pile.	
22429.7	- MAIN HARBOR LIGHT	55-40-58.600N 132-31-20.900W	FI W 2.5s	16		Steel pile.	Private aid.
Clare 22430	ence Strait Meyers Chuck Buoy 1	55-44-36.600N 132-16-32.487W				Green can.	
22435	Meyers Chuck Buoy 3	55-44-33.741N 132-15-50.031W				Green can.	
22445	MEYERS CHUCK LIGHT 4	55-44-32.241N 132-15-46.405W	FIR 4s	19	5	TR on skeleton tower.	Obscured from 318° to 041° for vessels transiting Meyers Chuck Inner Harbor; obscured from 106° to 041° for vessels transiting Clarence Strait. Higher intensity beam on 264°.
22450	McHenry Ledge Lighted Bell Buoy 2	55-46-47.299N 132-18-15.548W	FI R 2.5s			Red.	
22455	NARROW POINT LIGHT	55-47-27.411N 132-28-34.664W	FI W 6s	35	6	NR on skeleton tower.	Obscured from 337° to 152°.
22460	RATZ HARBOR ENTRANCE LIGHT	55-53-15.675N 132-35-53.534W	FI W 4s	20	5	NR on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ETOL	IN ISLAND TO MIDWAY ISLAN	DS (Chart 17360)	ALASKA - Sevente	enth Distric	l		
Clare 22462	nce Strait Burnett Inlet Buoy 2	56-03-53.951N 132-28-18.670W				Red nun.	Marks entrance to Burnett Inlet and 1 1/2 fathom shoal.
22465	Point Stanhope Buoy 2	56-00-07.110N 132-37-00.457W				Red nun.	
22465.5	MXAK Coffman Cove ASTA	56-00-21.683N 132-48-54.194W					AIS transceiver. MMSI: 993032022 Private aid.
22466	Coffman Cove Rocks Lighted Buoy 4	56-00-50.663N 132-50-06.368W	FI R 2.5s		3	Red.	
22467	Coffman Cove Rocks Lighted Buoy 3	56-01-04.667N 132-50-08.085W	FI G 6s		3	Green.	
22468	COFFMAN COVE ROCKS LIGHT 2	56-01-13.629N 132-50-18.578W	FIR 4s	32	3	TR on spindle.	
22469	COFFMAN COVE ENTRANCE LIGHT	56-01-22.587N 132-49-38.390W	FI W 2.5s	40	5	NR on spindle.	
22470	LINCOLN ROCK WEST LIGHT	56-03-24.105N 132-41-51.374W	FI W 6s	58	8	NR on skeleton tower on concrete base.	
22475	BECK ISLAND LIGHT	56-02-51.297N 132-51-45.452W	FI W 4s	27	5	NR on skeleton tower.	Obscured from 340° to 061°.
Whal 22477.5	e Pass - Daybeacon 1	56-08-13.616N 133-03-22.208W				SG on spindle.	
22477.7	- Daybeacon 1A	56-07-42.098N 133-03-57.308W				SG on spindle.	
22478	- Daybeacon 2	56-06-44.684N 133-04-05.672W				TR on spindle.	
22478.5	- Daybeacon 2A	56-06-35.306N 133-04-13.076W				TR on spindle.	
22478.7	- Daybeacon 4	56-06-31.118N 133-04-26.084W				TR on spindle.	
22479	- Daybeacon 5	56-06-25.874N 133-04-36.788W				SG on spindle.	
22479.3	- Daybeacon 5A	56-06-23.612N 133-04-42.284W				SG on spindle.	
22479.5	- Daybeacon 6	56-06-09.908N 133-05-29.084W				TR on spindle.	
Clare 22480	nce Strait KEY REEF LIGHT	56-09-36.807N 132-49-46.904W	FI W 6s	43	6	NR on spindle.	
22485	Point Harrington Buoy 4	56-10-40.620N 132-44-21.593W				Red nun.	
	ATE STRAIT TO ETOLIN ISLAND	O (Chart 17420)					
22487	Steamer Bay CG Mooring Buoy	56-09-49.008N 132-42-17.986W				White with blue stripe.	
	IN ISLAND TO MIDWAY ISLAN	DS (Chart 17360)					
22490	NESBITT REEF LIGHT	56-13-13.241N 132-51-50.158W	FI W 2.5s	27	6	NR on spindle.	
22495	KASHEVAROF PASSAGE LIGHT	56-10-46.726N 133-01-18.251W	FI W 6s	27	6	NR on skeleton tower.	
22500	Kashevarof Passage Daybeacon 2	56-12-52.730N 133-01-20.254W				TR on spindle.	
22505	Snow Passage Lighted Buoy 4	56-16-07.031N 132-56-34.936W	FI R 2.5s		4	Red.	
22510	BUSHY ISLAND LIGHT	56-16-34.844N 132-57-34.698W	FI W 4s	22	6	NR on concrete caisson.	Obscured from 358° to 111°.
22515	Snow Passage Lighted Buoy SP	56-19-10.743N 133-05-18.273W	FI (2+1)R 6s		4	Red and green bands.	
22520	ROOKERY ISLAND LIGHT	56-18-51.327N 133-06-20.685W	FI W 4s	40	6	NR on skeleton tower.	Obscured from 353° to 097°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
FTO	LIN ISLAND TO MIDWAY ISLANI	OS (Chart 17360)	ALASKA - Sevente	enth District	t		
Clare	ence Strait						
22525	Bay Point Daybeacon BP	56-20-09.783N 133-09-47.199W				SG on spindle.	
Erne 22530	est Sound EASTERLY ISLAND LIGHT	55-53-46.660N 132-05-27.506W	FI W 4s	28	6	NR on skeleton tower.	
22535	Brownson Island Rock Daybeacon Bl	55-55-57.316N 132-06-50.048W				SG on spindle.	
22540	SOUTH NIBLACK ISLANDS LIGHT	56-00-23.488N 132-05-28.340W	FI W 2.5s	24	5	NR on skeleton tower.	Higher intensity up and down channel.
22545	FOUND ISLAND LIGHT	56-06-10.972N 132-04-46.538W	FI W 6s	34	7	NR on skeleton tower.	
Zimo	ovia Strait						
22550	Found Island Rock Daybeacon	56-06-50.434N 132-04-25.508W				NR on spindle on concrete pier.	
22555	- LIGHT 2	56-11-02.644N 132-12-50.480W	FI R 2.5s	23	4	TR on spindle.	
22560	Trap Rock Buoy 3	56-11-15.101N 132-13-22.667W				Green can.	
22565	Button Island Shoal Buoy 5	56-12-04.537N 132-14-54.202W				Green can.	
22570	- LIGHT 6	56-12-13.867N 132-15-12.017W	FI R 2.5s	24	4	TR on spindle.	
22575	Double Rock Daybeacon 8	56-12-12.135N 132-15-33.002W				TR on spindle.	
22580	- Buoy 9	56-11-51.736N 132-15-38.101W				Green can.	
22585	Zimovia Strait Buoy 10	56-11-55.336N 132-15-37.901W				Red nun.	
22590	Midchannel Rock Daybeacon	56-12-10.317N 132-16-16.694W				JR on spindle.	
22595	Village Rock Daybeacon 12	56-12-53.762N 132-17-38.174W				TR on spindle.	
22600	VILLAGE ISLANDS LIGHT 13	56-12-47.895N 132-18-06.458W	FI G 4s	17	4	SG on spindle.	
22605	Village Islands Rock Daybeacon 15	56-13-08.126N 132-19-05.013W				SG on spindle.	
22607	- Daybeacon	56-21-33.153N 132-22-00.735W				NR on spindle.	
22610	HAT ISLAND LIGHT	56-22-30.762N 132-25-36.149W	FI W 4s	23	6	NR on skeleton tower.	Obscured from 091° to 234°.
Sho e 22615	emaker Bay - SMALLBOAT HARBOR LIGHT 1	56-25-01.875N 132-21-10.641W	FI G 4s	22	4	SG on pile.	
22620	- SMALLBOAT HARBOR LIGHT 2	56-25-00.075N 132-21-08.741W	FI R 2.5s	20	3	TR on pile.	
22625	MXAK Wrangell ASTA	56-28-00.048N 132-22-55.466W					AIS transceiver. MMSI: 993032024 Private aid.
Wran	ngell Harbor						
22630	- BREAKWATER LIGHT 2	56-28-01.186N 132-23-08.691W	FIR 4s	21	5	TR on spindle.	
22631	CEMETERY POINT LIGHT 1	56-27-34.263N 132-23-07.419W	FI G 6s	24	3	SG on skeleton tower.	
22632	CEMETERY POINT LIGHT 2	56-27-32.007N 132-23-04.593W	FI R 2.5s	24	3	TR on skeleton tower.	
22635	WRANGELL DOCK LIGHTS (4)	56-28-18.600N 132-23-17.000W	FG	12		On dock and dolphins.	Private aid.
22640	- Daybeacon 4	56-27-50.103N 132-22-47.631W				TR on pile.	
22645	- Daybeacon 5	56-27-52.866N 132-22-46.146W				SG on pile.	
22650	- Daybeacon 6	56-27-51.873N 132-22-44.001W				TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ETOL	IN ISLAND TO MIDWAY ISLAN	DS (Chart 17360)	ALASKA - Sevente	enth Distric	t		
Wran	gell Harbor	50 (Shart 17000)					
22655	- Daybeacon 7	56-27-54.363N 132-22-45.123W				SG on pile.	
22665	Point Highfield Reef Daybeacon	56-28-57.183N 132-23-45.123W				NR on spindle.	
	e Channel						
22670	- LIGHT 1	56-12-36.050N 131-55-19.964W	FI G 4s	28	4	SG on skeleton tower.	
22675	- LIGHT 2	56-20-41.590N 132-00-20.462W	FIR 4s	17	5	TR on skeleton tower.	Obscured from 133° to 233°.
22678	THE NARROWS LIGHT 4	56-22-35.791N 132-05-23.849W	FI R 2.5s	8	4	TR on spinIdle.	
Easte	ern Passage						
22680	THE NARROWS LIGHT 5	56-21-48.946N 132-06-43.479W	FI G 2.5s	12	3	SG on spindle.	
22685	- LIGHT 7	56-22-07.306N 132-10-17.967W	FI G 4s	24	4	SG on skeleton tower.	
22687	AIRPORT RUNWAY ROCK LIGHT	56-29-05.865N 132-21-16.347W	FI W 6s	15	5	NR on spindle.	
22690	- LIGHT	56-29-37.965N 132-22-11.997W	FI W 2.5s	13	6	NR on skeleton tower.	
Stikir	ne Strait						
22695	STEAMER POINT LIGHT	56-13-22.622N 132-42-49.196W	FI W 4s	30	5	NR on skeleton tower.	Obscured from 213° to 017°.
22700	ROUND POINT LIGHT	56-16-39.935N 132-39-27.181W	FI W 6s	24	5	NR on spindle.	Obscured from 006.5° to 201.5°
22705	SOUTH CRAIG POINT LIGHT	56-23-24.189N 132-37-20.439W	FI W 2.5s	24	5	NR on spindle.	Obscured from 006° to 178°.
22710	POINT ANCON LIGHT	56-24-18.099N 132-33-19.383W	FI W 6s	20	6	NR on skeleton tower.	Obscured from 214° to 014°.
22715	Woronkofski Point Daybeacon	56-26-20.714N 132-28-50.941W				NR on skeleton tower.	
22720	VANK ISLAND LIGHT	56-26-54.910N 132-35-59.954W	FI W 4s	24	7	NR on spindle.	Obscured from 110° to 264°.
22725	FIVE MILE ISLAND LIGHT	56-28-14.301N 132-30-43.489W	FI W 4s	34	5	NR on spindle.	Obscured from 329° to 100°.
Sumi	ner Strait						
22730	POINT COLPOYS LIGHT	56-20-10.738N 133-11-54.292W	FI W 6s	19	6	NR on skeleton tower.	Obscured from 302° to 102°.
22735	Mc Arthur Reef Lighted Bell Buoy MR	56-23-37.045N 133-10-38.496W	FI (2+1)G 6s		4	Green and red bands.	
22740	Mitchell Point Lighted Buoy 9	56-25-23.350N 133-10-45.901W	FI G 6s		4	Green.	
22745	VICHNEFSKI ROCK LIGHT	56-26-18.188N 133-00-55.884W	FI W 4s	33	6	NR on skeleton tower.	1 1/4 fathom rock, 630 yards 214° from light.
22750	Level Island Lighted Buoy 11	56-27-04.761N 133-02-29.382W	FI G 4s		4	Green.	
22755	Low Point Daybeacon	56-27-28.911N 132-55-39.759W				NR on skeleton tower.	
22760	STATION ISLAND LIGHT	56-29-39.555N 132-45-48.368W	FI W 2.5s	19	5	NR on skeleton tower.	
22765	CRAIG POINT LIGHT	56-27-23.890N 132-42-57.283W	FI W 6s	11	7	NR on skeleton tower.	Obscured from 301° to 096°.
22770	TWO TREE ISLAND LIGHT	56-29-39.173N 132-38-03.766W	FI W 6s	22	6	NR on spindle.	
22773	Banana Point Breakwater Markers (4)	56-33-12.000N 132-37-48.000W				NW on breakwater.	Private aid.
22773.1	Blind Slough Buoy 1	56-31-29.036N 132-42-13.156W				Green	
22773.2	Blind Slough Lighted Buoy 2	56-31-35.069N 132-42-04.051W	FI R 2.5s		3	Red	
22773.21	BLIND SLOUGH FERRY DOCK EAST LIGHT	56-31-53.960N 132-42-46.900W	FI W 4s	43		On dolphin.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	enth Distric	t		
	IN ISLAND TO MIDWAY ISLAN er Strait	NDS (Chart 17360)					
22773.22	BLIND SLOUGH FERRY DOCK WEST LIGHT	56-31-55.560N 132-42-50.340W	FI W 4s	31		On dolphin.	Private aid.
22773.3	Blind Slough Buoy 3	56-31-55.912N 132-43-08.078W				Green	
Dry St	trait - LIGHT 1	50 05 04 700N	FI O 4-	20	4	00	
22775	- LIGHT I	56-35-01.763N 132-32-33.430W	FI G 4s	29	4	SG on skeleton tower.	
22780	- Daybeacon 3	56-36-28.784N 132-33-06.192W				SG on skeleton tower.	
22785	- LIGHT 5	56-38-11.115N 132-36-44.073W	FI G 6s	17	4	SG on skeleton tower.	
	an Canal						
22790	Foremost Rock Daybeacon	56-30-06.965N 133-00-20.811W				NR on spindle.	
22795	BUTTERWORTH ISLAND LIGHT 2	56-32-12.627N 133-04-31.454W	FI R 2.5s	21	4	TR on skeleton tower.	
22800	Duncan Daybeacon 3	56-32-27.957N 133-05-25.593W				SG on skeleton tower.	
22815	- LIGHT 4	56-34-47.181N 133-04-27.471W	FIR 4s	15	3	TR on skeleton tower.	Obscured from 270° to 005°.
22820	- Daybeacon	56-38-34.569N 133-05-57.280W				NR on spindle.	
22821	Syd's Rock Daybeacon	56-35-46.941N 133-00-55.677W				NR on spindle.	
Wrang 22825	gell Narrows POINT ALEXANDER LIGHT	56-30-32.817N 132-57-00.867W	FI W 4s	17	7	NR on skeleton tower.	Obscured from 162° to 293°.
22830	MIDWAY ROCK LIGHT MR	56-31-47.679N 132-57-54.897W	FI (2+1)R 6s	16	5	JR on skeleton tower.	
22835	DECEMBER POINT LIGHT DP	56-32-52.161N 132-57-40.449W	FIR 6s	15	4	TR on spindle.	
22840	POINT LOCKWOOD LIGHT PL	56-33-21.405N 132-57-51.246W	FI G 4s	15	4	SG on skeleton tower.	Obscured from 027° to 166°.
22845	- CHANNEL LIGHT 1	56-33-57.309N 132-58-08.889W	FI G 2.5s	22	3	SG on concrete pier.	
22850	- CHANNEL LIGHT 2	56-34-05.979N 132-58-10.461W	FI R 2.5s	22	3	TR on 3-pile dolphin.	
22855	- Channel Lighted Buoy 2A	56-34-12.253N 132-58-19.066W	FI R 2.5s		3	Red.	
22860	- Channel Lighted Buoy 3	56-34-14.553N 132-58-30.166W	FI G 2.5s		3	Green.	
22863	- Daybeacon 4	56-34-21.609N 132-58-24.081W				TR on spindle.	
22865	- LIGHT 4A	56-34-29.195N 132-58-27.328W	FI R 2.5s	18	3	TR on skeleton tower on concrete caisson.	
22870	- Channel Lighted Buoy 5	56-34-33.352N 132-58-35.765W	FI G 4s		4	Green.	
22875	- Tow Channel Buoy 1TC	56-34-12.053N 132-58-03.966W				Green can.	
22880	- Tow Channel Buoy 3TC	56-34-23.381N 132-58-10.437W				Green can.	
22885	- Tow Channel Buoy 4TC	56-34-43.652N 132-58-21.465W				Red nun.	
22890	- CHANNEL LIGHT 7	56-34-51.713N 132-58-38.780W	FI G 2.5s	16	3	SG on skeleton tower.	
22895	- CHANNEL LIGHT 8	56-35-38.946N 132-58-27.817W	FI R 2.5s	9	3	TR on 3-pile dolphin.	
22900	BURNT ISLAND RANGE FRONT LIGHT	56-36-26.123N 132-58-37.463W	FY	10		KRW on 3-pile dolphin.	Visible 4° each side of rangeline
22905	BURNT ISLAND RANGE REAR LIGHT 354 yards, 356° from front light.	56-36-36.572N 132-58-38.828W	FY	26		KRW on 5-pile dolphin.	Visible 4° each side of rangeline

FRONT LIGHT	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Wrappel Narrows 22910 Channel Lighted Buoy 9 6-35-55-247N Fig 4s 4 Green.	ETOLU	N ISLAND TO MIDWAY ISLAN	DS (Chart 17360)	ALASKA - Sevente	enth District	t		
132.58-38.281W 22915 - CHANNEL LIGHT 10			DS (Chart 17360)					
132-58-32.487W 132-88-20.121W TR on spindle. 132-88-20.121W 132-88-20.121W TR on spindle. 132-88-20.121W TR on spindle. 132-88-20.121W TR on spindle. 132-88-20.121W Green can. 132-88-21.569W Channel Buoy 13	910	- Channel Lighted Buoy 9		FI G 4s		4	Green.	
132-86-29.121W 132-86-29.121W 132-86-39.290N 152-86-35.748N 152-86-35.748N 152-86-35.748N 152-86-35.748N 152-86-35.748N 152-86-35.749N 152-86-35.749N 152-86-35.749N 152-86-35.749N 152-86-35.749N 152-86-35.749N 152-86-35.749N 152-86-35.749N 152-86-35.749N 152-86-36-36.940.91N 152-86-36-36.91N 152-86-36.749N 152-86-36-36.91N 152-86-36.749N 152-86-36.7	915	- CHANNEL LIGHT 10		QR	15	3		
132-88-31.558W	916	- Daybeacon 10A					TR on spindle.	
132-88-25.159W 22930 - Channel Buoy 13A 56:36-04.01N FIR 2.58 15 3 TR on 3-pile dolphin. 22930 - CHANNEL LIGHT 14 66:38-04.04NIN FIR 2.58 15 3 TR on 3-pile dolphin. 22940 BUSH TOP ISLAND RANGE 56:37-52.753N FY 15 KRW on 3-pile V dolphin. 22945 BUSH TOP ISLAND RANGE 56:37-52.753N FY 15 KRW on 3-pile V dolphin. 22945 BUSH TOP ISLAND RANGE 56:37-52.753N FY 31 KRW on skeleton V 122-57-06.617W 132-56-94.6617W 132-56	920	- CHANNEL LIGHT 11		FI G 2.5s	15	3		
132-58-21.559W 22935 - CHANNEL LIGHT 14 56-36-40 401N FI R 2.5s 15 3 TR on 3-pile dolphin. 132-88-15.543W 22940 BUSH TOP ISLAND RANGE 56-37-52.753N FY 15 KRW on 3-pile V dolphin. 132-57-06.617W 22945 BUSH TOP ISLAND RANGE 56-37-52.753N FY 31 KRW on skeleton V tower. 22945 BUSH TOP ISLAND RANGE 56-38-04.682N FY 31 KRW on skeleton V tower. 22946 BUSH TOP ISLAND RANGE 56-38-04.682N FY 31 KRW on skeleton V tower. 22947 HOWARD DOCK LIGHT 15 65-37-23.42N FI W 2.5s 10 On pile. P 122-95-95.2850W 22950 - CHANNEL LIGHT 15 122-97-40.030W FI R 2.5s 15 3 SG on 5-pile dolphin. 22955 - CHANNEL LIGHT 16 15-37-23.92N FI R 2.5s 15 3 SG on 5-pile dolphin. 22966 - CHANNEL LIGHT 17 56-37-40.632N FI R 2.5s 15 3 SG on 5-pile dolphin. 22967 - CHANNEL LIGHT 18 56-37-48.822N FI R 2.5s 15 3 SG on 5-pile dolphin. 22970 - CHANNEL LIGHT 19 56-38-0.517N FI R 2.5s 19 3 TR on skeleton tower on concrete calsson. 22970 - CHANNEL LIGHT 19 56-38-0.517N FI G 2.5s 20 3 SG on spindle. 22970 - CHANNEL LIGHT 21 56-38-0.517N FI G 2.5s 20 3 SG on spindle. 22970 - CHANNEL LIGHT 21 56-38-0.517N FI G 2.5s 20 3 SG on spindle. 22970 - CHANNEL LIGHT 21 56-38-0.517N FI G 2.5s 20 3 SG on spindle. 22970 - CHANNEL LIGHT 21 56-38-0.517N FI G 2.5s 20 3 SG on spindle. 22970 - CHANNEL LIGHT 21 56-38-0.517N FI G 2.5s 20 SG On spindle. 22980 BUIND POINT RANGE 56-38-0.519W FY 17 KRW on 3-pile dolphin. 22980 BUIND POINT RANGE 56-38-48.7103N FI G 2.5s 21.5 yards, 050-4" from front light. 22990 - CHANNEL LIGHT 25 56-38-48.7103N FI G 2.5s 25.20.794W FA ST ST ST ST ST ST ST ST ST ST ST ST ST	925	- Channel Buoy 13					Green can.	
132-58-15.543W dolphin.	930	- Channel Buoy 13A					Green can.	
FRONT LIGHT 132-57-06.817W dolphin.	935	- CHANNEL LIGHT 14		FI R 2.5s	15	3		
REAR LIGHT	940			FY	15			Visible 4° each side of rangeline
132-58-28.560W 132-58-28.560W 15 3	945	REAR LIGHT 460.3 yards, 029° from front		FΥ	31			Visible 4° each side of rangeline
132-57-40.030W dolphin.	947	HOWARD DOCK LIGHT		FI W 2.5s	10		On pile.	Private aid.
132-57-31.467W dolphin.	950	- CHANNEL LIGHT 15		FI G 2.5s	15	3		
132-57-17.385W dolphin.	955	- CHANNEL LIGHT 16		FI R 2.5s	15	3		
132-56-54.186W tower on concrete caisson. caisson	960	- CHANNEL LIGHT 17		FI G 2.5s	15	3		
132-56-49.857W 22975 - CHANNEL LIGHT 21	965	- CHANNEL LIGHT 18		FI R 2.5s	19	3	tower on concrete	
132-56-02.425W dolphin.	970	- CHANNEL LIGHT 19		FI G 2.5s	20	3	SG on spindle.	
FRONT LIGHT	975	- CHANNEL LIGHT 21		QG	15	3		
LIGHT 281.5 yards, 050.4° from front light. 22990 - CHANNEL LIGHT 25 56-38-47.103N FI G 2.5s 15 3 SG on 3-pile dolphin. 22995 - Channel Lighted Buoy 26 56-38-48.237N FI R 4s 3 Red. 23000 - CHANNEL LIGHT 27 56-38-47.09N FI G 2.5s 15 3 SG on 3-pile dolphin. 23005 - Channel Lighted Buoy 28 56-39-02.037N FI R 4s 3 Red. 23010 - Channel Lighted Buoy 28 56-39-02.037N FI R 4s 3 Red. 23010 - Channel Lighted Buoy 29 56-39-07.738N FI G 2.5s 3 Green. 23010 - Channel Buoy 5TC 56-38-46.938N FI G 2.5s 3 Green. 23020 - Tow Channel Buoy 7TC 56-39-13.649N 132-55-36.067W Green can. 23020 - CHANNEL LIGHT 31 56-39-20.344N Q G 13 3 SG on spindle on concrete caisson. 23030 - CHANNEL LIGHT 31 56-39-23.565N Q R 15 3 TR on 3-pile dolphin. 23035 - CHANNEL LIGHT 32 56-39-32.121N FI R 4s 15 3 TR on 3-pile	980			FY	17			Visible 4° each side of rangeline
132-55-20.794W dolphin.	985	LIGHT 281.5 yards, 050.4° from		FΥ	31			Visible 4° each side of rangeline
132-55-13.167W 23000 - CHANNEL LIGHT 27 56-38-54.709N FI G 2.5s 15 3 SG on 3-pile dolphin. 23005 - Channel Lighted Buoy 28 56-39-02.037N FI R 4s 3 Red. 23010 - Channel Lighted Buoy 29 56-39-07.738N FI G 2.5s 3 Green. 23015 - Tow Channel Buoy 5TC 56-38-46.938N Green can. 23020 - Tow Channel Buoy 7TC 56-39-13.649N fee 23020 - Tow Channel Buoy 7TC 56-39-13.649N fee 23025 - CHANNEL LIGHT 31 56-39-20.344N Q G 13 3 SG on spindle on concrete caisson. 23030 - CHANNEL LIGHT 32 56-39-23.565N Q R 15 3 TR on 3-pile dolphin. 23035 - CHANNEL LIGHT 32A 56-39-32.121N FI R 4s 15 3 TR on 3-pile	990	- CHANNEL LIGHT 25		FI G 2.5s	15	3		
132-55-18.401W dolphin. 23005 - Channel Lighted Buoy 28 56-39-02.037N FI R 4s 3 Red. 23010 - Channel Lighted Buoy 29 56-39-07.738N FI G 2.5s 3 Green. 23015 - Tow Channel Buoy 5TC 56-38-46.938N Green can. 23020 - Tow Channel Buoy 7TC 56-39-13.649N Green can. 23025 - CHANNEL LIGHT 31 56-39-20.344N Q G 13 3 SG on spindle on concrete caisson. 23030 - CHANNEL LIGHT 32 56-39-23.565N Q R 15 3 TR on 3-pile dolphin. 23035 - CHANNEL LIGHT 32A 56-39-32.121N FI R 4s 15 3 TR on 3-pile	995	- Channel Lighted Buoy 26		FIR 4s		3	Red.	
132-55-11.368W 23010 - Channel Lighted Buoy 29	000	- CHANNEL LIGHT 27		FI G 2.5s	15	3		
132-55-20.068W 23015 - Tow Channel Buoy 5TC 56-38-46.938N Green can. Ut 132-55-36.067W 23020 - Tow Channel Buoy 7TC 56-39-13.649N Green can. Ut 132-55-26.483W 23025 - CHANNEL LIGHT 31 56-39-20.344N Q G 13 3 SG on spindle on concrete caisson. 23030 - CHANNEL LIGHT 32 56-39-23.565N Q R 15 3 TR on 3-pile dolphin. 23035 - CHANNEL LIGHT 32A 56-39-32.121N FI R 4s 15 3 TR on 3-pile	005	- Channel Lighted Buoy 28		FIR 4s		3	Red.	
132-55-36.067W fee 23020 - Tow Channel Buoy 7TC 56-39-13.649N	010	- Channel Lighted Buoy 29		FI G 2.5s		3	Green.	
132-55-26.483W F6 23025 - CHANNEL LIGHT 31 56-39-20.344N Q G 13 3 SG on spindle on concrete caisson. 23030 - CHANNEL LIGHT 32 56-39-23.565N Q R 15 3 TR on 3-pile dolphin. 23035 - CHANNEL LIGHT 32A 56-39-32.121N FI R 4s 15 3 TR on 3-pile	015	- Tow Channel Buoy 5TC	56-38-46.938N				Green can.	Used by tows with a draft of 9 feet or less.
132-55-32.883W concrete caisson. 23030 - CHANNEL LIGHT 32 56-39-23.565N Q R 15 3 TR on 3-pile dolphin. 23035 - CHANNEL LIGHT 32A 56-39-32.121N FI R 4s 15 3 TR on 3-pile	020	- Tow Channel Buoy 7TC					Green can.	Used by tows with a draft of 9 feet or less.
23030 - CHANNEL LIGHT 32 56-39-23.565N Q R 15 3 TR on 3-pile dolphin. 23035 - CHANNEL LIGHT 32A 56-39-32.121N FI R 4s 15 3 TR on 3-pile	025	- CHANNEL LIGHT 31		QG	13	3		
23035 - CHANNEL LIGHT 32A 56-39-32.121N FI R 4s 15 3 TR on 3-pile	030	- CHANNEL LIGHT 32	56-39-23.565N	QR	15	3		
132-55-36.346W doidhin.	035	- CHANNEL LIGHT 32A		FIR 4s	15	3	•	
23040 - Channel Lighted Buoy 33 56-39-30.038N FI G 4s 4 Green. 132-55-42.470W	040	- Channel Lighted Buoy 33	56-39-30.038N	FI G 4s		4	•	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	LINIOLAND TO MIDWAY IOLANI	20 (0) - 4 47000	ALASKA - Sevente	enth Distric	t		
	LIN ISLAND TO MIDWAY ISLANI ngell Narrows	DS (Chart 17360)					
23045	- CHANNEL LIGHT 34	56-39-40.377N 132-55-41.590W	FI R 2.5s	15	3	TR on 5-pile dolphin.	
23050	- Channel Lighted Buoy 36	56-39-52.038N 132-55-47.071W	FIR 4s		3	Red.	
23055	- CHANNEL LIGHT 37	56-39-58.390N 132-55-55.656W	QG	21	3	SG on skeleton tower on concrete caisson.	
23060	- CHANNEL LIGHT 38	56-40-08.308N 132-55-56.915W	FI R 2.5s	15	3	TR on 3-pile dolphin.	
23065	- Channel Daybeacon 39	56-40-06.249N 132-56-05.170W				SG on spindle on concrete caisson.	
23070	- CHANNEL LIGHT 40	56-40-15.603N 132-56-04.758W	FI R 2.5s	21	3	TR on skeleton tower on concrete caisson.	
23075	- Channel Lighted Buoy 42	56-40-23.039N 132-56-12.574W	FIR 4s		3	Red.	
23080	- CHANNEL LIGHT 43	56-41-00.200N 132-56-43.890W	QG	13	3	SG on 3-pile dolphin.	
23085	- CHANNEL LIGHT 44	56-41-04.167N 132-56-38.746W	FI R 2.5s	15	3	TR on 5-pile dolphin.	
23090	- Channel Lighted Buoy 46	56-41-27.939N 132-56-58.780W	FI R 2.5s		3	Red.	
23095	- CHANNEL LIGHT 47	56-41-32.079N 132-57-08.182W	FI G 2.5s	15	3	SG on 5-pile dolphin.	
23100	- CHANNEL LIGHT 48	56-41-41.119N 132-57-01.734W	FI R 2.5s	15	3	TR on 3-pile dolphin.	
23105	- CHANNEL LIGHT 49	56-42-06.701N 132-57-02.952W	QG	12	4	SG on 3-pile dolphin.	
23110	- CHANNEL LIGHT 50	56-42-16.281N 132-56-53.236W	FI R 2.5s	15	4	TR on 5-pile dolphin.	
23120	- CHANNEL LIGHT 51	56-44-17.693N 132-57-27.279W	FI G 6s	43	5	SG on skeleton tower.	Obscured from 349° to 148°.
23123	Beckhams Beach Daybeacon 51A	56-46-12.525N 132-58-41.842W				SG on pile.	
23125	- CHANNEL LIGHT 52	56-46-52.413N 132-58-51.482W	FIR 4s	13	4	TR on 3-pile dolphin.	
23130	REID LANDING DOCK LIGHT	56-46-56.381N 132-58-39.782W	FR	14		On post.	Private aid.
23135	- Channel Lighted Buoy 53	56-48-00.256N 132-59-12.998W	FI G 4s		4	Green.	
23140	PETERSBURG CREEK RANGE FRONT LIGHT	56-48-28.306N 132-59-15.953W	FY	10		KRW on 3-pile dolphin.	Visible 4° each side of rangeline
23145	PETERSBURG CREEK RANGE REAR LIGHT 340.6 yards, 353.2° from front light.	56-48-38.306N 132-59-18.141W	FY	24		KRW on 3-pile dolphin.	Visible 4° each side of rangeline
23150	- CHANNEL LIGHT 54	56-48-12.532N 132-59-08.660W	FI R 2.5s	15	3	TR on 5-pile dolphin.	
23155	- CHANNEL LIGHT 56	56-48-21.524N 132-59-05.901W	QR	15	3	TR on 5-pile dolphin.	
23160	- CHANNEL LIGHT 58	56-48-28.816N 132-58-57.020W	FI R 2.5s	15	3	TR on 5-pile dolphin.	
23165	PETERSBURG BAR RANGE FRONT LIGHT	56-48-22.498N 132-59-23.042W	FY	13		KRW on 5-pile dolphin.	Visible 4° each side of rangeline
23170	PETERSBURG BAR RANGE REAR LIGHT 504 yards, 235.5° from front light.	56-48-14.052N 132-59-45.420W	FY	30		KRW on Spindle.	Visible 4° each side of rangeline
23173	MARINE HIGHWAY TERMINAL LIGHTS (2)	56-48-28.750N 132-58-39.211W	FR	15		On pier.	Private aid.
23175	PETRO MARINE FUEL DOCK LIGHTS (2)	56-48-37.000N 132-58-13.000W	FR	13		On pier.	Private aid.
23178	MXAK Petersburg ASTA	56-48-41.936N 132-57-36.464W					AIS transceiver. MMSI: 993032023 Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	enth District			
	LIN ISLAND TO MIDWAY ISLANI ngell Narrows	DS (Chart 17360)					
23180	OCEAN BEAUTY SEAFOOD PIER LIGHTS (2)	56-48-45.751N 132-57-51.706W	FR	18		On building.	Private aid.
23185	- Channel Lighted Buoy 59	56-48-54.961N 132-58-01.588W	FI G 2.5s		3	Green.	
23190	PETERSBURG FISHERIES DOCK LIGHTS (2)	56-48-53.000N 132-57-29.000W	FR	14		On building.	Private aid.
23191	PETERSBURG FISHERIES INCORPORATED DOLPHIN LIGHT	56-48-56.752N 132-57-31.204W	FR	15		On dolphin.	Private aid.
23195	- Channel Lighted Buoy 60	56-49-02.136N 132-57-29.216W	FI R 2.5s		4	Red.	
23200	- Channel Daybeacon 61	56-49-31.281N 132-56-44.428W				SG on post on concrete caisson.	
23205	- Channel Lighted Buoy 62	56-49-34.865N 132-56-04.377W	FIR 4s		4	Red.	
23210	- North Entrance Lighted Bell Buoy WN	56-49-46.069N 132-55-47.569W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
Fred e 23215	erick Sound SUKOI ISLETS LIGHT	56-53-44.019N 132-56-38.632W	FI W 4s	18	6	NR on skeleton tower on concrete caisson.	Obscured from 177° to 329°.
23220	Beacon Point Daybeacon BP	56-56-22.152N 132-59-45.002W				SG on skeleton tower.	
23225	Thomas Bay Entrance Lighted Bell Buoy 2	56-59-06.190N 132-57-51.880W	FIR 6s		4	Red.	
23230	Thomas Bay Entrance Buoy 1	56-59-16.391N 132-58-16.181W				Green can.	
23235	Thomas Bay Buoy 4	56-59-52.991N 132-57-41.580W				Red nun.	
23240	CAPE STRAIT LIGHT	56-59-53.242N 133-05-32.221W	FI W 6s	30	6	NR on skeleton tower.	Obscured from 314.5° to 120°.
23245	GRAND POINT LIGHT	57-05-27.759N 133-11-12.652W	FI W 4s	16	7	NR on spindle.	Obscured from 189° to 305°.
23250	PORTAGE BAY LIGHT 3	57-00-15.369N 133-19-32.458W	FI G 4s	16	5	SG on skeleton tower.	Obscured from 201° to 329°.
23255	Portage Bay Daybeacon 2	57-00-29.997N 133-19-45.778W				TR on skeleton tower.	
23260	CAPE FANSHAW LIGHT	57-11-07.215N 133-34-25.649W	FI W 4s	33	7	NR on skeleton tower.	Obscured from 210° to 299°.
Stepl 23265	hens Passage BIRD ROCK LIGHT 2	57-12-28.845N	FI R 2.5s	30	5	TR on skeleton	
23270	DUCK POINT LIGHT	133-35-24.383W 57-12-41.799N	FI W 6s	17	6	tower. NR on spindle.	Obscured from 140° to 257°.
23275	BILL POINT LIGHT	133-30-59.129W 57-15-04.029N	FI W 4s	12	6	NR on spindle.	Obscured from 264° to 338°.
23280	Five Finger Light	133-32-35.651W 57-16-13.454N 133-37-53.495W	FIW 10s	81	14	60	
23283	MXAK Five Finger ASTA	57-16-11.921N 133-37-52.396W					AIS transceiver. MMSI: 993032020 Private aid.
Sumi	ner Strait						
23285	Five Fathom Shoal Lighted Buoy F	56-21-50.936N 133-14-03.303W	FI (2+1)R 6s		4	Red and green bands.	
23290	THE EYE OPENER LIGHT	56-23-09.309N 133-16-36.531W	FI W 2.5s	34	7	NR on skeleton tower on concrete caisson.	
23295	POINT BAKER LIGHT	56-21-32.657N 133-37-05.277W	FI W 6s	20	6	NR on skeleton tower.	
23300	Point Baker Anchorage Daybeacon	56-21-20.105N 133-37-08.893W				NR on small house.	
23305	Helm Rock Lighted Buoy 8	56-22-09.105N 133-38-33.601W	FIR 4s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ETOLI	N ICLAND TO MIDWAY ICL	ANDS (Chart 47350)	ALASKA - Seventee	enth District	i .		
Keku S	N ISLAND TO MIDWAY ISLA Strait	ANDS (Chart 17360)					
23305.1	- ENTRANCE LIGHT	56-31-38.043N 133-43-48.879W	FI W 6s	20	4	NR on spindle.	
23305.2	- Daybeacon 2	56-33-55.437N 133-43-25.101W				TR on spindle.	
23305.3	- Daybeacon 4	56-34-48.261N 133-42-49.078W				TR on spindle.	
23305.35	- Daybeacon 4A	56-34-59.133N 133-42-32.494W				TR on spindle.	
23305.4	- Daybeacon 6	56-35-09.261N 133-42-07.582W				TR on spindle.	
23305.5	- Daybeacon 8	56-35-38.613N 133-40-54.808W				TR on spindle.	
23305.6	- Daybeacon 9	56-36-31.143N 133-41-05.410W				SG on pile.	
23305.7	- Daybeacon 10	56-36-40.479N 133-41-00.472W				TR on pile.	
23305.8	- Daybeacon 11	56-37-12.303N 133-40-55.096W				SG on pile.	
23305.9	- Daybeacon 13	56-38-03.975N 133-41-07.252W				SG on spindle.	
23305.95	- Buoy 14	56-38-10.458N 133-41-09.733W				Red nun.	
23306	- Daybeacon 15	56-38-08.643N 133-41-13.912W				SG on spindle.	
23306.1	- Daybeacon 17	56-38-09.933N 133-41-40.810W				SG on spindle.	
23306.15	- Daybeacon 17A	56-38-13.047N 133-42-16.246W				SG on spindle.	
23306.2	- Daybeacon 18	56-38-28.815N 133-42-18.952W				TR on spindle.	
23306.3	- Daybeacon 19	56-38-32.901N 133-42-32.074W				SG on spindle.	
23306.4	- Daybeacon 21	56-39-25.293N 133-43-13.222W				SG on spindle.	
23306.5	- Daybeacon 22	56-39-36.723N 133-43-11.680W				TR on spindle.	
23306.6	- Daybeacon 23	56-39-56.037N 133-43-51.088W				SG on spindle.	
23306.65	- Buoy 24	56-40-01.321N 133-43-53.023W				Red nun.	
23306.7	- Daybeacon 25	56-40-07.323N 133-44-04.156W				SG on spindle.	
23306.8	- Daybeacon 26	56-40-21.297N 133-44-00.598W				TR on spindle.	
23306.83	- Daybeacon 26A	56-40-40.419N 133-43-53.434W				TR on spindle.	
23306.85	- Daybeacon 27	56-40-58.275N 133-44-03.058W				SG on spindle.	
23306.86	- Daybeacon 28	56-41-03.579N 133-44-04.204W				TR on spindle.	
23306.9	- Daybeacon 29	56-41-13.131N 133-44-13.702W				SG on spindle.	
23307	- Daybeacon 30	56-41-21.855N 133-44-16.354W				TR on spindle.	
23307.05	- Daybeacon 31	56-41-28.125N 133-44-20.368W				SG on spindle.	
23307.1	- Daybeacon 32	56-41-41.409N 133-44-00.700W				TR on spindle.	
23307.2	- Daybeacon 33	56-41-57.729N 133-43-53.362W				SG on spindle.	
23307.3	- Daybeacon 34	56-42-10.809N 133-43-54.802W				TR on spindle.	
23307.35	- Daybeacon 34A	56-42-46.089N 133-44-01.822W				TR on spindle.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ETOL	IN ISLAND TO MIDWAY ISLAN	DS (Chart 17360)	ALASKA - Sevente	enth Distric	t		
Keku	Strait	20 (3.10.10 1.1000)					
23307.4	- Daybeacon 35	56-42-39.969N 133-44-08.962W				SG on spindle.	
23307.5	- Daybeacon 36	56-43-15.009N 133-44-31.942W				TR on spindle.	
23307.6	- Daybeacon 37	56-46-42.369N 133-43-40.822W				SG on spindle.	
23307.7	- Daybeacon 39	56-47-11.589N 133-44-46.102W				SG on spindle.	
23307.8	- Daybeacon 41	56-47-18.608N 133-45-53.902W				SG on spindle.	
23307.9	- Daybeacon 42	56-47-32.348N 133-46-09.022W				TR on spindle.	
23308	- Daybeacon 43	56-48-17.168N 133-47-54.262W				SG on spindle.	
23308.1	ENTRANCE ISLAND LIGHT	56-48-38.833N 133-47-50.528W	FI W 2.5s	20	5	NR on skeleton tower.	
23310	SALT POINT LIGHT	56-50-41.247N 133-52-00.788W	FI W 6s	17	3	NR on spindle.	Obscured from 168° to 259°.
	TE STRAIT TO ETOLIN ISLAND	O (Chart 17420)					
23315	Harbor KAKE ENTRANCE LIGHT 2	56-59-05.378N 134-01-17.764W	FI R 2.5s	27	5	TR on spindle.	
23320	Kake Flats Buoy 5	56-58-13.565N 133-57-17.304W				Green can.	
23325	- LIGHT 7	56-58-15.254N 133-56-57.016W	FI G 2.5s	25	4	SG on spindle.	
23327	Kake Channel Lighted Buoy 3	56-59-20.008N 133-59-30.082W	FI G 4s		4	Green.	
23330	- Daybeacon 1	56-58-23.195N 133-56-50.884W				SG on spindle.	
23335	Kake Cannery Flats Buoy 9	56-57-51.755N 133-56-11.993W				Green can.	
23337	KAKE SALMON PEN LIGHT	56-57-57.000N 133-55-41.000W	FI W 2.5s	10		On small house.	Maintained from May 1 to Sept 30. Private aid.
23340	- LIGHT	56-57-38.640N 133-57-10.175W	FI W 4s	16	5	NR on skeleton tower.	Obscured from 270° to 097°.
23342	KAKE FERRY TERMINAL NORTH LIGHT	56-57-42.000N 133-55-19.000W	FIR 6s	32		On dolphin.	Private aid.
23343	KAKE FERRY TERMINAL MIDDLE LIGHT	56-57-39.000N 133-55-18.000W	FR	32		On dolphin.	Private aid.
23344	KAKE FERRY TERMINAL SOUTH LIGHT	56-57-36.000N 133-55-16.000W	FR	32		On dolphin.	Private aid.
23345	Sealaska Timber Company Mooring Buoys (3)	56-57-34.787N 133-55-42.210W				White.	Private aid.
ETOL	IN ISLAND TO MIDWAY ISLAN						
Porta	ge Pass	,	ELD :		4		
23350	- LIGHT 10	56-57-24.717N 133-55-26.251W	FIR 4s	15	4	TR on spindle.	
23355	- Daybeacon 11	56-57-02.905N 133-54-23.531W				SG on pile.	
23360	- LIGHT 13	56-56-46.556N 133-53-55.949W	FI G 2.5s	15	3	SG on skeleton tower.	
Burnt	Island Channel						
23361	- Daybeacon 2	56-56-43.142N 133-56-05.992W				TR on spindle.	
23362	- Daybeacon 4	56-56-45.332N 133-55-14.284W				TR on spindle.	
23363	- Daybeacon 3	56-56-49.136N 133-55-33.628W				SG on spindle.	
Sumn	er Strait						
23365	Strait Island Lighted Bell Buoy 7	56-22-25.202N 133-42-00.816W	FI G 6s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevented				
	LIN ISLAND TO MIDWAY ISLAN	DS (Chart 17360)	ALMOID COVOID	onen Bioerio			
23370	ner Strait WEST ROCK LIGHT	56-21-12.435N 133-38-14.409W	FI W 2.5s	20	6	NR on skeleton tower.	
23375	Port Protection Daybeacon	56-20-14.688N 133-38-07.589W				NR on spindle.	
23380	PORT PROTECTION LIGHT	56-19-34.686N 133-36-45.575W	FI W 6s	19	6	NR on spindle.	Obscured from 290° to 095°.
23385	BEAUCLERC ISLAND LIGHT	56-15-26.842N 133-51-16.061W	FI W 2.5s	30	6	NR on skeleton tower.	Obscured from 049° to 186°.
23390	Calder Rocks Lighted Whistle Buoy 6	56-15-36.293N 133-43-22.786W	FIR 4s		5	Red.	
23395	Barrier Island Lighted Bell Buoy 4	56-12-36.190N 133-42-03.962W	FIR 6s		4	Red	
23400	Amelius Island Shoal Lighted Buoy 5	56-10-11.484N 133-49-42.745W	FI G 2.5s		4	Green.	
Shak 23405	an Bay - LIGHT	56-08-56.659N	FI W 4s	25	6	NR on skeleton	Obscured from 314° to 048°.
25405	- LIGHT	133-37-33.076W	11W 1 3	25	Ü	tower on small house.	Obscured Horn 314 to 646 .
23410	Hamilton Island Daybeacon	56-07-51.530N 133-34-14.558W				NR on skeleton tower.	
23415	Shakan Strait Daybeacon	56-07-45.160N 133-30-19.434W				NR on skeleton tower.	
23416	Shakan Strait Buoy SS	56-07-42.064N 133-29-59.298W				Green and red bands.	
23417	Shakan Strait Buoy 1	56-09-14.049N 133-28-45.263W				Green can.	
23418	Shakan Strait Buoy 2	56-09-19.700N 133-28-32.576W				Red nun.	
23419	Shakan Strait Buoy 4	56-09-39.985N 133-28-30.471W				Red nun.	
	ner Strait	50.05.44.047N	51.0.4		4		
23420	Point St Albans Reef Lighted Whistle Buoy 3	56-05-11.647N 133-54-35.324W	FI G 4s		4	Green.	
23425	FISHERMANS HARBOR LIGHT	55-58-01.569N 133-47-42.794W	FI W 4s (R Sector)	17	W 6 R 4	NR on skeleton tower.	Red sector from 150° to 197°.
23430	Fishermans Harbor Daybeacon 1	55-58-19.965N 133-47-59.750W				SG on spindle.	
23435	LEMON POINT ROCK LIGHT	56-04-22.208N 134-06-42.577W	FI W 6s	26	5	NR on skeleton tower.	
23440 1020	Cape Decision Light	56-00-05.245N 134-08-09.576W	FI W 5s	60	14	60	Obscured from 134° to 245°.
23443	MXAK Cape Decision ASTA	56-00-07.272N 134-08-07.656W					AIS transceiver. MMSI: 993032042 Private aid.
23445	SPANISH ISLANDS LIGHT	55-59-13.220N 134-06-16.676W	FI W 6s	38	7	NR on skeleton tower.	Obscured from 263° to 061°.
23450 1015	HELM POINT LIGHT	55-49-35.366N 134-16-11.516W	FI W 6s	140	6	NR on skeleton tower.	Obscured from 067° to 188°.
	ONATION ISLAND TO LISIANS	(I STRAIT (Chart 17	320)				
23455	ham Strait POINT CROWLEY LIGHT	56-07-11.024N 134-15-32.098W	FI W 4s	45	6	NR on skeleton tower.	Obscured from 174° to 330°.
23460 1025	CAPE OMMANEY LIGHT	56-09-36.788N 134-39-40.041W	FI W 6s	195	8	NR on spindle.	Obscured from 061° to 293°.
Port .	Alexander						
23465	- LIGHT	56-14-23.132N 134-38-58.707W	FI W 4s (2 R Sectors)	68	R 4 R 4	NR on skeleton tower.	Red from 225° to 252° and 330° to 347°. Obscured from 347° to 061°.
23470	- Buoy 2	56-14-25.639N 134-38-53.435W				Red nun.	
23475	- RANGE FRONT LIGHT	56-14-40.661N 134-39-08.081W	QG	21		KRW on spindle on concrete caisson.	Visible all around.

COR	ONATION ISLAND TO LISIANSK	I STRAIT (Chart 173	ALASKA - Sevente	enth Distric	t		
Port A	Alexander		•				
23480	 RANGE REAR LIGHT 74 yards, 333.9° from front light. 	56-14-42.618N 134-39-09.802W	Iso G 6s	37		KRW on skeleton tower on concrete pier.	Visible all around.
	ham Strait				_		
23485	POINT HARRIS LIGHT	56-17-25.754N 134-17-52.281W	FI W 6s	32	7	NR on skeleton tower.	Obscured from 180° to 313°.
23490	PORT WALTER LIGHT	56-23-14.798N 134-38-11.379W	FI W 4s	20	6	NR on skeleton tower.	Obscured from 308° to 037°.
23495	TEBENKOF BAY LIGHT 1	56-27-05.258N 134-08-23.931W	FI G 4s	14	4	SG on spindle.	
23500	Tebenkof Bay Daybeacon 3	56-25-38.798N 134-06-27.579W				SG on spindle.	
23505	PATTERSON POINT LIGHT	56-32-23.186N 134-38-16.432W	FI W 2.5s	50	6	NR on spindle.	
23510	POINT ELLIS LIGHT	56-34-00.152N 134-19-59.572W	FI W 4s	30	7	NR on spindle.	
23515	WASHINGTON BAY LIGHT	56-43-06.836N 134-23-30.292W	FI W 4s	33	6	NR on spindle.	
23520	HOGGATT BAY LIGHT	56-45-51.026N 134-39-22.360W	FI W 2.5s	40	5	NR on skeleton tower.	Obscured from 307° to 134°.
23525	KINGSMILL POINT LIGHT	56-50-35.570N 134-25-14.836W	FI W 6s	25	6	NR on spindle.	Obscured from 201° to 006°.
23530	POINT GARDNER LIGHT	57-00-36.194N 134-36-57.833W	FI W 4s	65	7	NR on spindle.	
23535	Yasha Island Shoal Lighted Buoy 2	56-58-52.792N 134-34-36.368W	FIR 6s		4	Red.	
Frede	erick Sound						
23540	SECURITY BAY LIGHT 1	56-52-24.114N 134-22-29.046W	FI G 4s	32	4	SG on skeleton tower.	Obscured from 235° to 323°.
23545	CORNWALLIS POINT LIGHT	56-55-54.950N 134-16-24.760W	FI W 4s	34	6	NR on spindle.	Obscured from 140° to 315°.
23550	POINT MACARTNEY LIGHT	57-01-29.665N 134-03-31.175W	FI W 6s	20	6	NR on spindle.	Obscured from 200° to 329°.
23555	WEST PINTA ROCKS LIGHT	57-05-10.440N 134-00-43.214W	FI W 2.5s	30	6	NR on spindle.	
23560	East Pinta Rocks Buoy 1	57-05-32.694N 133-58-27.422W				Green can.	
23565	DEEPWATER POINT LIGHT	57-10-19.156N 134-14-09.556W	FI W 4s	17	5	NR on skeleton tower.	Obscured from 180° to 288°.
23570	TURNABOUT ISLAND LIGHT	57-07-55.454N 133-59-15.905W	FI W 4s	23	6	NR on spindle.	Obscured from 270° to 048°.
ETOL	IN ISLAND TO MIDWAY ISLANI	D (Chart 17360)					
Pybu 23575	s Bay GRAVE ISLAND LIGHT	57-15-59.420N	FI W 4s	18	6	NR on spindle.	Obscured from 031° to 167°.
20070	CIVIVE ICE WAS EIGHT	134-05-00.035W	1111110	10		TATE OF Spirities.	
	ONATION ISLAND TO LISIANSK	I STRAIT (Chart 173	320)				
23580	erick Sound ROUND ROCK LIGHT	57-15-35.200N 133-56-13.323W	FI W 6s	49	6	NR on skeleton tower.	
ETOL	LIN ISLAND TO MIDWAY ISLANI	D (Chart 17360)					
Step! 23585	hens Passage False Point Pybus Daybeacon					NR on skeleton	
23590	McDonald Rock Lighted Buoy		FI (2+1)R 6s		4	tower. Red and green	
23595	<i>MR</i> HOBART BAY LIGHT 2	133-37-49.804W 57-23-57.063N	FIR 4s	30	4	bands. TR on spindle.	
23600	POINT GAMBIER LIGHT	133-27-56.201W 57-26-07.820N	FI W 4s	38	6	NR on skeleton	Obscured from 083° to 217°.
23605	GAMBIER BAY ENTRANCE	133-50-26.669W 57-27-53.870N	FIR 6s	16	4	tower. TR on skeleton	
	LIGHT 2	133-55-13.523W	- 111/-		•	tower on concrete caisson.	
23610	WINDHAM BAY ENTRANCE LIGHT	57-33-42.552N 133-32-35.652W	FI W 6s	35	6	NR on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	and Ecodion	. 0010011	ALASKA - Seventee			Structuro	. to . name
	IN ISLAND TO MIDWAY ISLAN	ID (Chart 17360)	ALASKA - Seventee	ntn Distric	<u> </u>		
Stepl 23615	hens Passage POINT HUGH LIGHT	57-37-11.876N 133-48-25.686W	FI W 6s	34	6	NR on skeleton tower.	Obscured from 351.5° to 173°.
23620	WOOD SPIT LIGHT	57-44-17.910N 133-34-30.412W	FI W 2.5s	27	5	NR on skeleton tower on concrete caisson.	
23625	HOLKHAM BAY RANGE FRONT LIGHT	57-46-03.295N 133-38-40.215W	QW	73		KRW on skeleton tower.	Light maintained from May 1 to Oct. 1.
23630	HOLKHAM BAY RANGE REAR LIGHT 42 yards, 211.7° from front light.	57-46-02.250N 133-38-41.422W	FW	101		KRW on skeleton tower.	Light maintained from May 1 to Oct. 1.
23631	Holkham Bay Buoy 1	57-46-57.722N 133-37-54.189W				Green can.	Maintained from May 1 to Oct. 1.
23632	Holkham Bay Buoy 2	57-46-47.813N 133-37-35.583W				Red nun.	Maintained from May 1 to Oct. 1.
23633	Tracy Arm Daybeacon	57-47-28.637N 133-37-52.950W				NB on spindle.	Radar Reflector
23635	TRACY ARM LIGHT	57-49-23.583N 133-34-27.449W	Oc WRG 6s (RWG Sectors)	18	R 6 G 6 W 6	NR on spindle.	Light maintained from May 1 to Oct 1. Red from 033.5° to 034.65°. White from 034.65° to 035.85°. Green from 035.85° to 037°. To activate, transmit 5 carrier pulses in 5 seconds on VHF-FM channel 65.
	PHENS PASSAGE TO CROSS S hens Passage	OUND (Chart 17300)	•				
23640	MIDWAY ISLANDS LIGHT	57-50-12.209N 133-48-50.784W	FI W 4s	83	6	NR on skeleton tower.	Obscured from 162° to 210°.
23645	GRAVE POINT LIGHT	58-03-43.862N 134-03-04.417W	FI W 2.5s	45	6	NR on skeleton tower.	Obscured from 156° to 280°.
23650	GRAND ISLAND LIGHT	58-05-58.106N 134-06-27.811W	FI W 6s	47	6	NR on skeleton tower.	Obscured from 335° to 116°.
23655	POINT ARDEN LIGHT	58-09-33.032N 134-10-41.107W	FI W 4s	50	6	NR on skeleton tower.	Obscured from 332° to 118°.
Gast i 23660	ineau Channel MARMION ISLAND LIGHT	58-11-55.148N 134-15-24.361W	FI W 6s	50	6	NR on skeleton tower.	Obscured from 014° to 147°.
23665	SHEEP CREEK LIGHT 2	58-15-28.418N 134-19-52.291W	FIR 4s	12	6	TR on 5-pile dolphin.	
23675	JUNEAU ISLE LIGHT	58-16-34.772N 134-23-03.973W	FI W 2.5s	15	6	NR on skeleton tower.	
23680	DOUGLAS BOAT HARBOR LIGHT 1D	58-16-35.691N 134-23-15.639W	FI G 4s	17	4	SG on skeleton tower.	
23683	MXAK Juneau ASTA	58-17-07.969N 134-23-23.507W					AIS transceiver. MMSI: 993032001 Private aid.
23685	Rock Dump Lighted Buoy 2A	58-17-08.497N 134-23-50.514W	QR		5	Red.	
23686	AJ DOCK SOUTH LIGHT	58-17-13.890N 134-23-52.910W	QW	15		On dock.	Private aid.
23687	AJ DOCK NORTH LIGHT	58-17-24.820N 134-23-50.110W	QW	15		On dock.	Private aid.
23690	LAWSON CREEK BAR LIGHT 3	58-17-16.571N 134-24-25.924W	FI G 2.5s	22	5	SG on 3-pile dolphin.	
23695	- LIGHT 4	58-17-49.201N 134-25-21.807W	FI R 2.5s	15	3	TR on 3-pile dolphin.	
23705	HARRIS HARBOR LIGHT H	58-18-03.676N 134-25-45.897W	FI W 4s	15	4	NR on 3-pile dolphin.	
23710	AURORA BASIN LIGHT A	58-18-16.172N 134-25-59.612W	FI W 2.5s	25	5	NR on breakwater structure.	
23720	AURORA BASIN LIGHT B	58-18-26.558N 134-26-25.250W	FI W 4s	31	4	NR on skeleton tower.	
23721	DIPAC Mooring Buoy	58-18-11.400N 134-26-25.800W				White with blue stripe.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
STEPI	HENS PASSAGE TO CROSS SO	OUND (Chart 17300)	ALASKA - Sevente	enth Distric	t		
	neau Channel	(•				
23725	MENDENHALL BAR CHANNEL LIGHT 5	58-19-05.336N 134-27-27.062W	FI G 6s	15	4	SG on 5-pile dolphin.	Tide gauge shows depth over bar.
23730	Mendenhall Bar Channel Buoy 7	58-19-22.198N 134-27-47.798W				Green can.	
23733	Mendenhall Bar Channel Buoy 7A	58-19-31.173N 134-28-08.560W				Green can.	Maintained from April 1 to October 1.
Mende	enhall Bar						
Buoys	maintained from Apr. 1 to Oct. 1		k best passage. Route	e requires loc	al knowle	•	on due to shifting shoals.
23735	- Buoy 8	58-19-30.048N 134-28-25.754W				Red nun.	
23735.1	- Buoy 9	58-19-29.556N 134-28-35.208W				Green can.	
23735.15	- Buoy 8A	58-19-32.230N 134-28-32.965W				Red nun.	
23735.2	- Buoy 9A	58-19-28.470N 134-28-25.131W				Green can.	
23735.25	- Buoy 8B	58-19-34.800N 134-28-52.836W				Red nun.	
23735.3	- Buoy 9B	58-19-35.419N 134-29-00.565W				Green can.	
23735.35	- Buoy 10	58-19-55.285N 134-29-07.132W				Red nun.	
23735.4	- Buoy 11	58-19-51.784N 134-29-06.839W				Green can.	
23735.45	- Buoy 10A	58-20-05.836N 134-29-38.518W				Red nun.	
23735.5 23735.55	- Buoy 11A	58-20-05.943N 134-29-47.136W 58-20-13.758N				Green can. Red nun.	
23735.6	- Buoy 10B - Buoy 11B	134-30-10.176W 58-20-13.759N				Green can.	
23735.62	- Buoy 10C	134-30-31.670W 58-20-18.748N				Red nun.	
23735.63	- Buoy 11C	134-30-42.492W 58-20-20.424N				Green can.	
	- Buoy 12	134-30-48.722W 58-20-51.212N				Red nun.	
23735.7	- Buoy 13	134-31-33.014W 58-20-34.845N				Green can.	
23735.75	- Buoy 12A	134-31-12.191W 58-20-32.316N				Red nun.	
23735.8	- Buoy 13A	134-31-05.437W 58-20-47.487N				Green can.	
Steph	ens Passage	134-31-38.902W					
Fritz C	Cove						
23740	Mendenhall Bar Daybeacon 14	134-32-18.339W				TR on pile	
23745	Mendenhall Bar Daybeacon 15	134-32-35.762W				SG on 5-pile dolphin	
23750	Mendenhall Bar Daybeacon 17	134-34-10.004W				SG on 5-pile dolphin	
23755	Mendenhall Bar Daybeacon 18	134-35-14.065W				TR on 3-pile dolphin	
23760	Mendenhall Bar Daybeacon 19	134-35-42.097W				SG on 3-pile dolphin	
23765	Mendenhall Bar Daybeacon 19A	58-20-13.790N 134-36-41.942W				SG on 3-pile dolphin	
23770	MENDENHALL BAR CHANNEL LIGHT 21	58-19-54.932N 134-36-53.232W	FI G 4s	15	4	SG on 5-pile dolphin	Tide gauge shows depth over bar.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
STED	HENS DASSAGE TO CDOSS SA	OUND (Chart 17200)	ALASKA - Sevente	enth Distric	t		
Steph	HENS PASSAGE TO CROSS So ens Passage enhall River	JUND (Chart 17300)					
23773.1	- Buoy 2	58-20-25.000N 134-37-25.000W				Red nun.	Private aid.
23773.2	- Buoy 3	58-20-34.000N 134-37-18.000W				Green can.	Private aid.
23773.3	- Buoy 5	58-20-46.000N 134-37-06.000W				Green can.	Private aid.
23773.4	- Buoy 7	58-20-56.000N 134-36-53.000W				Green can.	Private aid.
23773.5	- Buoy 8	58-20-57.000N 134-36-39.000W				Red nun.	Private aid.
23773.6	- Buoy 10	58-21-00.000N 134-36-24.000W				Red nun.	Private aid.
23773.7	- Buoy 12	58-21-08.000N 134-36-27.000W				Red nun.	Private aid.
Steph 23775	ens Passage POINT HILDA LIGHT	58-13-01.835N 134-30-23.407W	FI W 6s	20	5	NR on skeleton tower.	Obscured from 080° to 274°.
23780	Inner Point Daybeacon	58-13-51.674N 134-35-21.997W				NR on skeleton tower.	
23783	YOUNG BAY LIGHT	58-10-19.020N 134-41-49.380W	FIY6s	8		On barge.	Private aid.
23785	MIDDLE POINT LIGHT	58-14-53.738N 134-37-43.861W	FI W 4s	20	5	NR on skeleton tower on rock.	
23790	HORSE SHOAL LIGHT 1	58-15-16.016N 134-42-10.765W	FI G 6s	15	4	SG on pile.	
23790.1	Horse Shoal Lighted Buoy 1	58-15-04.048N 134-41-54.314W	FI G 6s		4	Green.	
23792	COLT ISLAND LIGHT	58-17-02.008N 134-44-26.086W	FI W 4s	24	5	NR on spindle.	
23795	GEORGE ROCK LIGHT	58-18-55.515N 134-42-02.389W	FI W 6s	17	6	NR on skeleton tower.	
23800	GIBBY ROCK LIGHT 2	58-19-36.380N 134-41-19.106W	FIR 6s	30	4	TR on spindle.	
23801	Coghlan Island Buoy 1	58-21-49.457N 134-42-01.246W				Green can.	
23801.5	Coghlan Island Buoy 2	58-21-46.731N 134-41-54.899W				Red nun.	
23802	AUKE BAY BREAKWATER LIGHT 1	58-22-57.356N 134-39-15.152W	FI G 2.5s		4	SG on 3-pile dolphin.	
23803	AUKE BAY BOAT HARBOR LIGHT 2	58-22-56.827N 134-39-11.512W	FI R 2.5s	17	3	TR on spindle.	
23804	AUKE BAY BREAKWATER LIGHTS (4)	58-23-08.000N 134-38-54.000W	FIY4s	10		NY on post.	Private aid.
23804.5	Auke Bay Speed Limit Lighted Buoy	58-22-45.150N 134-39-12.920W	FI W 4s			White can with orange markings worded SPEED LIMIT 5 KNOTS	Private aid.
23805	PORTLAND ISLAND LIGHT	58-21-07.400N 134-45-31.526W	FI W 2.5s	20	6	NR on spindle.	Obscured from 328° to 338°.
23808	SMUGGLERS COVE SOUTH DOCK LIGHT		FIY2s	3		On dock.	Private aid.
23809	SMUGGLERS COVE NORTH DOCK LIGHT		FIY2s	3		On dock.	Private aid.
23809.5	MXAK Auke Mountain ASTA	58-23-30.919N 134-42-52.560W					AIS transceiver. MMSI: 993032047 Private aid.
23810	Strauss Rock Buoy SR	58-21-36.312N 134-48-31.138W				Green and red bands; can.	
Lynn							
Favor 23815	ite Channel SHELTER ISLAND LIGHT	58-22-29.294N	FI W 4s	19	7	NR on skeleton	Obscured from 005° to 173°.
		134-48-28.622W		.0		tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
STE	PHENS PASSAGE TO CROSS S	OUND (Chart 17300)	ALASKA - Sevente	enth Distric	t		
Lynn	n Canal	(
23820	Point Stephens Rock Buoy 2	58-25-19.998N 134-46-09.585W				Red nun.	
23825	TEE HARBOR LIGHT	58-25-40.430N 134-46-02.240W	FI W 6s	33	6	NR on skeleton tower.	Obscured from 150° to 325°.
23835	Cohen Reef Daybeacon	58-25-50.126N 134-48-15.098W				NR on spindle.	
23840	AARON ISLAND LIGHT 2	58-26-17.588N 134-49-31.946W	FI R 2.5s	20	4	TR on skeleton tower.	
23845	Poundstone Rock Lighted Bell Buoy PR	58-31-43.825N 134-56-01.561W	FI (2+1)R 6s		4	Red and green bands.	
23850	Sentinel Island Light	58-32-46.592N 134-55-23.636W	FI W 10s	86	14	42	Obscured from 152° to 296°.
23855	LITTLE ISLAND LIGHT	58-32-24.806N 135-02-49.724W	FI W 4s	50	7	NR on skeleton tower.	
23860	VANDERBILT REEF LIGHT	58-35-27.464N 135-01-07.784W	FI W 2.5s	36	6	NR on skeleton tower on concrete pier.	Higher intensity beam up channel.
23863	MXAK North Berners ASTA	58-51-09.896N 135-04-09.775W					AIS transceiver. MMSI: 993032048 Private aid.
23865	POINT SHERMAN LIGHT	58-51-11.101N 135-09-06.069W	FI W 4s	47	6	NR on spindle.	
23870	SULLIVAN ISLAND LIGHT	58-53-52.849N 135-18-09.093W	FI W 4s	24	7	NR on skeleton tower on rock.	Higher intensity beam down channel. Obscured from 090° to 190°.
23875	Sullivan Island Buoy 2	58-57-47.055N 135-21-14.944W				Red Nun.	
23880	ELDRED ROCK LIGHT	58-58-15.265N 135-13-15.405W	FI W 6s	91	8		Higher intensity beam up Chilkoot Inlet. Higher intensity beam down Lynn Canal.
23885	CHILKOOT INLET EAST LIGHT	59-00-58.821N 135-11-48.640W	FI W 2.5s	25	5	NR on skeleton tower.	Obscured from 166° to 337°.
23890	TALSANI ISLAND LIGHT	59-04-42.463N 135-16-25.264W	FI W 6s	16	6	NR on skeleton tower.	Obscured from 325° to 133°.
23895	LETNIKOF COVE LIGHT 2	59-10-25.293N 135-24-02.421W	FIR 4s	25	4	TR on spindle.	Obscured from 256° to 358°.
Chill	koot Inlet						
23900	KATZEHIN RIVER FLATS LIGHT 4	59-11-43.663N 135-20-01.552W	FIR 6s	28	4	TR on 3-pile dolphin.	
23905	BATTERY POINT LIGHT	59-12-37.021N 135-21-54.790W	FI W 4s	60	6	NR on skeleton tower.	Obscured from 325° to 157°.
23908	PORT CHILKOOT MOORING DOLPHIN LIGHTS (2)	59-13-50.000N 135-26-05.000W	FIR 6s	29		On piles.	Private aid.
23910	HAINES SMALL BOAT HARBOR LIGHT 2	59-13-51.475N 135-26-18.328W	FI R 2.5s	26	3	TR on spindle.	
23913	MXAK Haines ASTA	59-14-03.120N 135-26-30.876W					AIS transceiver. MMSI: 993032009 Private aid.
23915	Nukdik Point Daybeacon 1	59-14-39.229N 135-25-18.418W				SG on spindle.	
23920	INDIAN ROCK LIGHT	59-16-23.887N 135-24-02.428W	FI W 6s	15	7	NR on spindle.	Higher intensity beam down Chilkoot Inlet.
_	a Inlet	E0 00 EE 40011	ELIA/ 4	22		0	Debugge aid
23932	SKAGWAY HARBOR STEMWALL LIGHT	59-26-55.420N 135-19-27.250W	FI W 4s	20		On pole.	Private aid.
23933	SKAGWAY HARBOR BREAKWATER LIGHT	59-26-53.615N 135-19-25.373W	FI G 4s	20		On pole.	Private aid.
23935	SKAGWAY BREAKWATER LIGHT 2	59-26-55.660N 135-19-21.388W	FIR 4s	19	4	TR on skeleton tower.	
23936	SKAGWAY FERRY TERMINAL LIGHT	59-26-53.800N 135-19-35.600W	FR	31		On dock.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
STED	HENS PASSAGE TO CROSS S	OUND (Chart 17300)	ALASKA - Sevente	enth District	t		
Taiya	Inlet						
23937	SKAGWAY BROADWAY DOCK LIGHT	59-26-58.190N 135-19-33.900W	FIR 4s	30		On dolphin.	Private aid.
23938	SKAGWAY ORE DOCK LIGHT	59-26-54.600N 135-19-51.840W	FIR 4s	30		On dolphin.	Private aid.
23940	- LIGHT	59-26-46.824N 135-21-42.588W	FI W 2.5s	20	5	NR on skeleton tower.	
-	naw Channel				_		
23945	FAVORITE REEF LIGHT 2	58-22-47.900N 134-51-41.120W	FIR 4s	33	5	TR on spindle.	
23945.1	Favorite Reef B 2	58-22-47.514N 134-51-46.790W				Red nun.	
23950	Faust Rock Lighted Bell Buoy FR	58-25-05.810N 134-55-39.763W	FI (2+1)R 6s		4	Red and green bands.	
23955	POINT RETREAT LIGHT	58-24-41.450N 134-57-18.437W	FI W 6s	63	8		
23960	FALSE POINT RETREAT LIGHT 4	58-22-11.270N 134-58-11.492W	FIR 6s	25	4	TR on skeleton tower.	
23965	LYNN CANAL SOUTHWEST LIGHT	58-20-01.343N 135-02-59.281W	FI W 4s	33	5	NR on skeleton tower.	Obscured from 358° to 168°.
23970	NAKED ISLAND LIGHT	58-15-20.558N 134-56-43.808W	FI W 6s	44	7	NR on skeleton tower.	
23975	FUNTER BAY ENTRANCE LIGHT 1	58-14-36.680N 134-54-59.251W	FI G 2.5s	16	5	SG on skeleton tower.	Obscured from 114° to 248°.
23980	Funter Bay Buoy 3	58-14-31.557N 134-54-16.510W				Green can.	
	ONATION ISLAND TO LISIANSH		320)				
Chath 23985	nam Strait WARM SPRING BAY LIGHT	57-04-47.762N	FI W 4s	27	7	NR on spindle.	Obscured from 308° to 101°.
		134-46-32.471W				·	Obscured Holl 300 to 101.
23990	POINT LULL LIGHT	57-18-33.748N 134-48-23.988W	FI W 4s	50	6	NR on skeleton tower.	
Hood	-	57.05.00.000N	ELD O		4	D. d	
23995	- Entrance Lighted Buoy 2	57-25-03.608N 134-33-23.006W	FIR 6s		4	Red.	
24000	- Buoy 1	57-25-28.808N 134-32-58.407W				Green can.	
Killisı	noo Harbor						
24005	- Entrance Lighted Buoy 2	57-27-41.807N 134-34-27.416W	FI R 2.5s		4	Red.	
24010	- LIGHT 3	57-27-57.494N 134-33-58.188W	FI G 6s	23	4	SG on spindle.	
24015	Lone Rock Daybeacon 4	57-27-53.041N 134-33-32.899W				TR on spindle.	
24020	- Lighted Buoy 6	57-28-17.214N 134-33-49.058W	FIR 4s		3	Red.	
24023	ANGOON FERRY TERMINAL LIGHT	57-28-19.000N 134-34-00.000W	FIR 6s	32		On dolphin.	Private aid.
24025	- LIGHT 7	57-28-15.935N 134-34-10.626W	FI G 4s	16	5	SG on spindle.	
24030	Killisnoo Island Reef Buoy 2	57-28-41.407N 134-36-00.222W				Red nun.	
Chath	nam Strait						
24035	Morris Reef Lighted Buoy 35	57-27-45.897N 134-48-27.636W	FI G 4s		4	Green.	
24040	Kenasnow Rocks Lighted Buoy 2	57-29-59.210N 134-36-21.280W	FI R 2.5s		4	Red.	
24045	DANGER POINT LIGHT	57-30-55.220N 134-36-27.126W	FI W 6s	30	7	NR on spindle.	
Kaat-	znahoo Inlet						
24050	znahoo Inlet - LIGHT 2	57-30-17.534N 134-34-59.352W	FIR 4s	14	5	TR on spindle on concrete caisson.	
24055	- Daybeacon 4	57-30-00.962N 134-34-36.234W				TR on spindle.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COR	ONATION ISLAND TO LISIANSK		ALASKA - Sevente	enth Distric	i .		
	ONATION ISLAND TO LISIANSE Iznahoo Inlet	AISTRAIT (CHART 1/32	20)				
24060	- LIGHT 6	57-29-55.922N 134-34-10.974W	FI R 2.5s		3	TR on pile.	
	PHENS PASSAGE TO CROSS S	OUND (Chart 17300)					
1 ena 24065	kee Inlet - ENTRANCE LIGHT 1	57-46-20.450N 134-56-04.164W	FI G 4s	33	4	SG on spindle.	
24070	- Daybeacon 2	57-46-29.650N 135-08-22.327W				TR on spindle.	
24075	- Daybeacon T	57-50-39.919N 135-24-56.701W				JR on spindle.	
24080	- LIGHT 4	57-46-28.826N 135-11-55.290W	FIR 6s	30	4	TR on skeleton tower.	
24083	TENAKEE BOAT HARBOR ENTRANCE LIGHT 1	57-46-38.185N 135-12-23.898W	FI G 4s	15	4	SG on pile.	
24084	TENAKEE HOUSE LIGHT	57-46-47.360N 135-13-17.560W	QW	20		On residential house.	Private aid.
24085	TENAKEE REEF LIGHT	57-46-12.159N 135-13-39.919W	FI W 4s	23	5	NR on skeleton tower.	
24090	Tenakee Reef Daybeacon	57-46-35.211N 135-14-06.375W				NR on spindle.	
Chat 24100	ham Strait - LIGHT 20	58-02-40.790N	FIR 4s	35	4	TR on skeleton	Obscured from 175° to 353°.
		134-48-33.367W				tower.	
24105	POINT AUGUSTA LIGHT	58-02-22.405N 134-57-08.474W	FI W 4s	48	6	NR on skeleton tower.	Obscured from 290° to 135°.
Haw 24107	k Inlet - Buoy 2	58-05-12.938N				Red Nun.	
	•	134-46-52.129W					
24109	- Daybeacon 3	58-05-32.828N 134-47-04.405W				SG on pile.	
24111	- LIGHT 5	58-05-36.788N 134-46-42.505W	FI G 4s	33	4	SG on pile.	
24112	- RANGE FRONT LIGHT	58-05-07.010N 134-46-27.260W	QW	23		KRW on pile.	Obscured from 202° to 066°.
24113	 RANGE REAR LIGHT 400 yards, 178.3° from front light. 	58-04-55.185N 134-46-26.614W	Iso W 6s	29		KRW on pile.	Obscured from 194° to 125°.
24114	- LIGHT 6	58-05-56.984N 134-46-23.401W	FIR 4s	33	4	TR on pile.	
24115	- East Shoal Buoy 8	58-06-05.828N 134-46-26.245W				Red Nun.	
24116	- EAST SHOAL LIGHT 10	58-06-11.870N 134-46-22.393W	FI R 2.5s	20	4	TR on 5-pile dolphin.	
24117	- East Shoal Buoy 12	58-06-16.678N 134-46-21.293W				Red Nun.	
24118	- ENTRANCE LIGHT	58-06-31.838N 134-46-30.955W	FI W 4s	13	5	NR on skeleton tower.	Obscured from 006° to 264°.
-	Strait		=1.14/ = =		0		
24120	HANUS REEF LIGHT	58-07-49.700N 135-00-00.619W	FI W 2.5s	25	6	NR on spindle.	
24125	ROCKY ISLAND LIGHT 13	58-10-38.888N 135-03-07.165W	FI G 4s	43	4	SG on skeleton tower.	
24130	SWANSON HARBOR ENTRANCE LIGHT 2	58-11-34.864N 135-04-43.494W	FIR 6s	21	4	TR on skeleton tower.	Obscured from 144° to 299°.
24132	Swanson Harbor Channel Stakes (10)	58-13-06.000N 135-07-00.000W				Pilings.	Tide gauges show least depth. Private aid.
24135	THE SISTERS LIGHT	58-10-17.389N 135-15-29.191W	FI W 4s	69	7	On FAA radio tower.	
24140	SPASSKI ISLAND LIGHT 12	58-07-57.943N 135-16-18.259W	FIR 6s	30	5	TR on skeleton tower.	Obscured from 315° to 088°.
24145	MXAK Hoonah ASTA	58-07-41.851N 135-25-59.729W					AIS transceiver. MMSI: 993032046 Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
STEP	HENS PASSAGE TO CROSS SO	OUND (Chart 17300)	ALASKA - Sevente	enth District			
Icy Str 24150	HOONAH BREAKWATER	58-06-30.781N	FIR 4s	38	3	TR on spindle.	
24155	LIGHT 2 HOONAH BREAKWATER	135-27-01.207W 58-06-25.355N	FI G 2.5s	38	3	SG on spindle.	
24157	LIGHT 3 HOONAH DOCK LIGHT	135-26-55.444W 58-06-56.780N	FI W 2.5s	15		On dock.	Private aid.
24159	Hoonah Harbor Entrance No	135-27-19.770W 58-06-51.000N	FI W 2s			White	Private aid.
24165	Wake Buoy Pinta Rock Lighted Bell Buoy 2	135-27-30.000W 58-10-00.286N	FIR 4s		4	Red.	
24170	Pleasant Island Lighted Bell	135-27-13.788W 58-18-22.739N	FI G 2.5s		4	Green.	
	Buoy 11	135-39-18.656W					
24175	POINT ADOLPHUS LIGHT	58-17-09.829N 135-46-58.580W	FI W 4s	20	5	NR on skeleton tower.	Obscured from 305° to 122°.
24180	ICY PASSAGE LIGHT 2	58-23-11.023N 135-37-43.244W	FIR 6s	22	4	TR on skeleton tower.	
24183	GUSTAVUS DOCK EAST LIGHT	58-23-20.670N 135-43-43.170W	FI W 2.5s	15		On dock.	Private aid.
24184	GUSTAVUS DOCK WEST LIGHT	58-23-20.530N 135-43-49.730W	FI W 2.5s	15		On dock.	Private aid.
24185	Gustavus Lighted Buoy 1	58-23-11.961N 135-44-44.101W	FI G 4s		4	Green.	
24188	MXAK Gustavus ASTA	58-24-28.008N 135-43-35.652W					AIS transceiver. MMSI: 993032010 Private aid.
24190	Ancon Rock Buoy 2	58-22-23.967N 135-55-56.355W				Red nun.	
24195	LEMESURIER ISLAND LIGHT		FI W 6s	22	6	NR on small house.	Obscured from 249° to 096°.
24200	SOUTH PASSAGE LIGHT	58-15-31.207N 136-06-56.486W	FI W 2.5s	40	5	NR on skeleton tower.	Obscured from 121° to 280°.
24205	SOUTH PASSAGE LIGHT 8	58-14-46.315N 135-54-25.220W	FIR 4s	40	5	TR on skeleton tower.	Obscured from 230° to 049°.
24210	South Inian Pass Rock Lighted Bell Buoy 6	58-13-54.317N 136-15-22.104W	FIR 4s		4	Red.	
Glacie	er Bav						
24215	National Park Aircraft Safety Zone Buoys (4) Northeast of main dock airplane float.	58-27-18.748N 135-53-06.614W				White with two orange bands and orange circle worded AIRCRAFT SAFETY ZONE.	Maintained from May 15 to Oct 1. Private aid.
24220	Rush Point Shoal Buoy 1	58-28-04.737N 136-03-19.700W				Green can.	Maintained from May 1st to October 1st.
Cross	Sound						
24225	POINT LAVINIA LIGHT	58-13-24.031N 136-21-15.140W	FI W 6s	60	6	NR on skeleton tower.	Obscured from 278° to 073°.
24230	GEORGE ISLAND LIGHT 2	58-12-42.394N 136-22-52.727W	FIR 6s	48	4	TR on skeleton tower.	Obscured from 019° to 048°.
24235	NORTH INIAN PASS LIGHT	58-16-19.810N 136-24-07.887W	FI W 4s	64	5	NR on skeleton tower.	Obscured from 260° to 051°.
24240 1070	Cape Spencer Light	58-11-55.854N 136-38-25.806W	FIW 10s	105	14	30	
24243	MXAK Cape Spencer ASTA	58-11-55.712N 136-38-24.374W					AIS transceiver - MMSI: 993032034 Private aid.
Port A	lthorp						
Elfin C 24245	•	58-11-40.999N	FIR 4s	48	3	TR on small	Obscured from 292° to 096°.
	- OUTER LIGHT	136-21-06.494W 58-11-48.895N	FI W 4s	20	6	house. NR on square	
24250		136-21-04.442W				frame.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	enth Distric	t		
Port	PHENS PASSAGE TO CROSS SO Althorp Cove	OUND (Chart 17300)					
24260	- Daybeacon 5	58-11-39.639N 136-20-56.809W				SG on pile.	
24265	- Daybeacon 6	58-11-37.669N 136-20-56.498W				TR on spindle.	
24270	- Daybeacon 7	58-11-33.697N 136-20-44.606W				SG on spindle.	
Port	Althorp						
24275	ALTHORP ROCK LIGHT 3	58-09-58.501N 136-21-33.733W	FI G 2.5s	18	3	SG on skeleton tower.	
24280	THREE HILL ISLAND LIGHT	58-09-13.015N 136-23-03.017W	FI W 4s	80	7	NR on skeleton tower.	Obscured from 090° to 289°.
Lisia	ınski Inlet						
24285	- LIGHT	58-05-56.209N 136-28-04.945W	FI W 6s	65	6	NR on small house.	Obscured from 333° to 133°.
Cros	s Sound						
24290	Column Point Buoy 1	58-06-59.656N 136-27-36.179W				Green can.	
Lisia	ınski Inlet						
24295	- LIGHT 2	58-04-13.939N 136-25-58.441W	FIR 4s	55	4	TR on small house.	Obscured from 316° to 147°.
24300	- Daybeacon 4	58-02-04.867N 136-21-55.165W				TR on spindle.	
24305	- LIGHT 5	58-01-42.030N 136-19-59.786W	FI G 6s	50	4	SG on spindle.	Obscured from 149° to 320°.
24310	JUNCTION ISLAND LIGHT	57-59-51.626N 136-19-00.688W	QW	20	5	NR on skeleton tower.	Obscured from 042° to 171°.
24315	PELICAN ENTRANCE LIGHT	57-57-20.827N 136-13-48.085W	FI W 4s	17	6	NR on spindle on concrete caisson.	
	ON ENTRANCE TO CHATHAM ST	TRAIT (Chart 17400)					
Nich 24320	ols Bay - Entrance Daybeacon	54-42-04.720N 132-05-21.077W				NR on spindle.	
24330 985	CAPE MUZON LIGHT	54-39-53.619N 132-41-33.924W	FI W 6s	80	7	NR on spindle.	Obscured from 089° to 297°.
24331	McLeod Bay C. G. Mooring Buoy	54-41-33.009N 132-41-12.078W				White sphere with blue stripe.	
24335	Eureka Channel Daybeacon 1	54-46-53.057N 132-23-21.003W				SG on spindle.	
24340	Center Island Reef Daybeacon 3	54-48-08.715N 132-22-58.278W				SG on spindle on concrete caisson.	
24345	Guide Rocks Daybeacon 4	54-49-33.363N 132-21-28.854W				TR on spindle.	
24350	ROUND ISLANDS LIGHT	54-46-41.889N 132-30-24.882W	FI W 2.5s (R Sector)	56	6 R 4	NR on skeleton tower.	Red from 327° to 346°. Obscured from 149.5° to 327°.
24355	Wallace Rock Buoy 2	54-51-06.371N 132-27-00.571W				Red nun.	
24360	MELLEN ROCK LIGHT	55-01-35.888N 132-39-57.871W	FI W 4s	32	6	NR on spindle.	
Hetta	a Inlet						
24365	EEK POINT LIGHT	55-08-16.539N 132-40-01.398W	FI W 2.5s	19	6	NR on skeleton tower.	Obscured from 103° to 237°.
24366	COPPER HARBOR MARINE DOCK LIGHT	55-12-59.300N 132-36-30.000W	QW	10		On pile.	Private aid.
Sukk	wan Strait						
24370	Hydaburg Buoy 2	55-11-43.248N 132-49-05.212W				Red nun.	
24375	- Obstruction Buoy SS	55-12-01.148N 132-49-47.206W				Green and red bands.	
24380	Hydaburg Buoy 4	55-12-06.747N 132-49-38.007W				Red nun.	
24385	Sukkwan Narrows Buoy 6	55-12-08.747N 132-50-18.603W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
DIXC	ON ENTRANCE TO CHATHAM S	TRAIT (Chart 17400)	ALASKA - Sevente	enth Distric	t		
Sukl	kwan Strait						
24390	Sukkwan Narrows Buoy 7	55-12-15.047N 132-50-15.202W				Green can.	
24391	HYDABURG LIGHT 8	55-12-24.254N 132-50-03.794W	FIR 4s	15	3	TR on pile.	
24392	Hydaburg Daybeacon	55-12-50.966N 132-50-07.676W				NR on spindle.	
24393	Hydaburg Boat Basin Daybeacon 3	55-12-42.992N 132-49-48.656W				SG on spindle.	
24394	Hydaburg Boat Basin Buoy 2	55-12-38.655N 132-49-57.524W				Red nun.	
24395	SUKKWAN NARROWS LIGHT	55-12-03.291N 132-50-29.773W	FI W 4s	16	5	NR on skeleton tower.	Obscured from 252° to 019°.
24400	Sukkwan Narrows Buoy 4	55-11-33.749N 132-51-20.499W				Red nun.	
24405	Sukkwan Narrows Buoy 2	55-11-18.349N 132-51-34.499W				Red nun.	
24410	GOAT ISLAND LIGHT	55-10-06.699N 132-53-34.825W	FI W 4s	21	6	NR on skeleton tower.	Obscured from 093° to 261°.
24415	Turn Rock Daybeacon	55-10-01.561N 132-54-57.103W				NR on spindle.	
Tlov	ak Strait						
24420	SHOE ISLAND LIGHT	54-57-04.113N 132-44-40.632W	FI W 6s	20	5	NR on skeleton tower.	Obscured from 313° to 088°.
24430	VIEW COVE ENTRANCE LIGHT	55-03-09.900N 132-57-51.951W	FI W 4s	35	6	NR on skeleton tower.	
24435	LIVELY ISLANDS LIGHT	55-13-37.701N 133-05-06.037W	FI W 6s	20	6	NR on spindle.	Obscured from 150° to 343°.
Tlev	ak Narrows						
24440	- LIGHT 2	55-15-45.477N 133-07-01.546W	FIR 4s	22	4	TR on skeleton tower.	Obscured from 152° to 279°.
24445	- Buoy 4	55-16-00.981N 133-08-10.635W				Red nun.	
Mea	res Passage						
24450	MEARES ISLAND LIGHT	55-16-20.235N 133-10-34.621W	FI W 6s	13	5	NR on skeleton tower.	Obscured from 290° to 105°.
24455 1000	DIVER ISLANDS LIGHT	55-10-40.432N 133-15-53.241W	FI W 4s	130	7	NR on Spindle.	Obscured from 186° to 007°.
Buca	areli Bay						
24460 1005	CAPE BARTOLOME LIGHT	55-13-50.256N 133-36-56.210W	FI W 6s	158	7	NR on spindle.	Obscured from 148° to 263°.
24465	POINT ARBOLEDA LIGHT	55-19-13.563N 133-28-20.353W	FI W 4s	33	6	NR on spindle.	
24470	Cape Flores Lighted Buoy 2	55-21-24.791N 133-17-43.137W	FIR 4s		3	Red.	
24472	Point Amargura Ledge Buoy 1	55-26-34.920N 133-21-41.908W				Green.	
24475	ST. IGNACE ROCK LIGHT	55-25-41.157N 133-23-42.853W	FI W 6s	20	6	NR on skeleton tower.	
24480	Sola Rock Daybeacon SR	55-25-31.533N 133-28-53.425W				JR on spindle.	
24481	Pigeon Pass Daybeacon 5	55-25-45.771N 133-33-47.323W				SG on spindle.	
24482	Pigeon Island Daybeacon 4	55-25-48.231N 133-34-09.259W				TR on spindle.	
24483	Pigeon Island Daybeacon 3	55-25-49.161N 133-34-00.811W				SG on spindle.	
24484	Cone Island Daybeacon 2	55-26-46.113N 133-36-14.251W				TR on pile.	
.		.55 55 11.20144					
Shel 24485	ter Cove - BREAKWATER LIGHT 2	55-28-25.653N 133-08-38.191W	FIR 4s	30	4	TR on spindle.	
24490	- Entrance Range Front Daybeacon	55-28-29.956N 133-08-31.710W				KRW on skeleton tower.	
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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
DIXO	N ENTRANCE TO CHATHAM ST	RAIT (Chart 17400)	ALASKA - Sevente	enth District	İ		
	er Cove - Entrance Range Rear Daybeacon 35 yards, 054.2° from front daybeacon.	55-28-30.557N 133-08-30.242W				KRW on skeleton tower.	
•	Harbor						
24500	Fish Egg Reef Lighted Buoy 3	55-28-26.059N 133-09-37.313W	FI G 2.5s		3	Green.	
24505	Craig Buoy 4	55-28-45.862N 133-09-24.156W				Red nun.	
24510	Saltery Point Shoal Daybeacon	55-28-49.191N 133-08-44.063W				TR on pile.	
24512.1	CRAIG BREAKWATER LIGHT 1	55-28-50.920N 133-08-36.800W	FIR 4s	13		On breakwater.	Private aid.
24512.2	CRAIG BREAKWATER LIGHT 2	55-28-50.740N 133-08-39.390W	FIR 4s	13		On breakwater.	Private aid.
24512.3	CRAIG BREAKWATER LIGHT 3	55-28-50.540N 133-08-41.960W	FIR 4s	13		On breakwater.	Private aid.
24515	Craig Shoal Lighted Buoy 7	55-29-12.802N 133-08-46.168W	FI G 4s		4	Green.	
24516	MXAK Craig ASTA	55-29-19.579N 133-08-29.530W					AIS transceiver - MMSI: 993032039 Private aid.
San A 24520	Alberto Bay Ballena Island Shoal Lighted Buoy 2	55-28-14.403N 133-13-14.979W	FIR 4s		3	Red.	
24525	Balandra Shoal Buoy 3	55-28-31.853N 133-13-47.464W				Green can.	
24530	Fern Reef Lighted Buoy 3A	55-29-05.801N 133-15-52.196W	FI G 4s		4	Green.	
24535	Parida Island South Reef Buoy 5	55-30-02.373N 133-13-48.187W				Green can.	
24540	- Lighted Buoy 7	55-32-15.152N 133-15-05.233W	FI G 6s		4	Green.	
	of Esquibel						
San C 24545	Christoval Channel Hermanos Islands Reef Lighted Buoy 8	55-33-44.074N 133-17-46.838W	FIR 4s		4	Red.	
24550	Piedras Island Reef Buoy 9	55-33-40.774N 133-17-57.237W				Green can.	
24555	Hermanos Island Range Front Daybeacon	55-34-14.844N 133-17-55.268W				KRW on spindle.	
24560	Hermanos Island Range Rear Daybeacon 229 yards, 105.1° from front daybeacon.	55-34-13.082N 133-17-43.740W				KRW on spindle.	
24565	San Christoval 3 Fathom Buoy SC	55-34-30.645N 133-19-06.983W				Green and red bands; can.	
24570	LARZATITA ISLAND REEF LIGHT	55-35-01.860N 133-19-44.749W	FI W 4s	22	6	NR on spindle on concrete caisson.	
Klawo	ock Inlet						
24575	Klawock Reef Lighted Buoy 1	55-30-33.930N 133-11-12.310W	FI G 4s		4	Green.	
24580	Klawock Reef Buoy 2	55-30-24.701N 133-11-12.889W				Red nun.	
24585	Klawock Junction Lighted Buoy KL	55-30-21.801N 133-10-33.186W	FI (2+1)R 6s		4	Red and green bands.	
24590	Klawock Reef Buoy 3	55-30-27.910N 133-10-29.526W				Green can.	
24595	KLAWOCK TOW CHANNEL ENTRANCE LIGHT 2TC	55-29-51.683N 133-11-35.022W	FIR 6s	21	4	TR on spindle.	
24600	Klawock Tow Channel Daybeacon 3TC	55-30-13.641N 133-10-54.463W				SG on spindle.	
24605	Klawock Tow Channel Daybeacon 4TC	55-30-15.996N 133-10-21.091W				TR on spindle.	
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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	N ENTRANCE TO CHATHAM ST	ΓRAIT (Chart 17400)	ALASKA - Sevente	enth Distric	<u> </u>		
Klaw 24610	ock Inlet - Buoy 6	55-30-20.390N				Red nun.	
21010	Eudy 0	133-09-36.741W				rtou num.	
24615	- Shoal Lighted Buoy 8	55-32-36.785N 133-07-06.182W	FI R 2.5s		4	Red.	
24620	Wadleigh Island Buoy 9	55-33-37.380N 133-06-53.789W				Green can.	
24625	KLAWOCK LOGGING DOCK LIGHTS (2)	55-33-12.000N 133-06-36.140W	FIR 10s	18		On dock.	Private aid.
24630	Highwater Rock Daybeacon 1	55-33-33.972N 133-06-15.578W				SG on spindle.	
24635	KLAWOCK HARBOR ENTRANCE LIGHT 2	55-33-26.169N 133-06-14.023W	FIR 4s	20	4	TR on skeleton tower on concrete caisson.	
24640	Klawock Ledge Daybeacon 3	55-33-24.183N 133-06-06.061W				SG on pile.	
24642	Klawock Control Daybeacons (3)	55-33-16.770N 133-06-36.100W				NW on pile worded SLOW 5 MPH. One located on Klawock Ledge Daybeacon 3 and one on each corner of dock.	Private aid.
24645	POINT INCARNATION LIGHT	55-33-15.375N 133-37-22.345W	FI W 2.5s	19	6	NR on spindle.	Obscured from 292° to 070°.
24650 1010	CAPE ULITKA LIGHT	55-33-45.213N 133-43-43.393W	FI W 6s	115	6	NR on skeleton tower.	Obscured from 310° to 053°
24655	Curacao Reef Buoy 8	55-39-18.713N 133-28-20.067W				Red nun.	
24660	Desconocida Reef Buoy 10	55-41-18.298N 133-31-28.570W				Red nun.	
Boca 24665	de Finas White Cliff Lighted Buoy 12	55-43-55.271N 133-39-41.161W	FIR 4s		4	Red.	
24670	Emerald Island Buoy 9	55-44-28.309N 133-40-09.713W				Green can.	
24675	CAPE LYNCH LIGHT	55-46-51.969N 133-42-06.256W	FI W 6s	50	6	NR on spindle.	Obscured from 196° to 315°
Karh 24680	een Passage Tonowek Narrows Daybeacon 2T	55-45-17.061N 133-20-30.644W				TR on pile.	
24685	- Daybeacon 1	55-46-17.985N 133-19-26.180W				SG on skeleton tower.	
24690	Point Swift Shoal Buoy 2	55-46-15.032N 133-18-53.731W				Red nun.	
24695	- Buoy 3	55-46-29.409N 133-17-57.080W				Green can.	
24700	- Buoy 4	55-46-52.118N 133-17-01.692W				Red nun.	
24705	- Buoy 5	55-47-09.697N 133-17-23.362W				Green can.	
24710	Chapin Island Range Front Daybeacon	55-47-45.881N 133-18-41.562W				KRW on skeleton tower.	
24715	Chapin Island Range Rear Daybeacon 74 yards, 305.4° from front daybeacon.	55-47-47.149N 133-18-44.735W				KRW on skeleton tower.	
24720	- Daybeacon 6	55-47-49.335N 133-18-22.928W				TR on spindle.	
24725	- Buoy 8	55-48-26.238N 133-18-58.393W				Red nun.	
24730	PEEP ROCK LIGHT	55-49-08.616N 133-19-53.109W	FI W 4s	17	7	NR on skeleton tower.	
David 24735	dson Inlet SURF POINT LIGHT	55-50-00.758N 133-38-00.043W	FI W 4s	29	6	NR on spindle.	Obscured from 290° to 060°

133-38-67.758W tower. tower. tower. tower.	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Device the End Bay Five September				ALASKA - Sevente	enth Distric	t		
24740 - ENTRANCE LIGHT 5-55-18 843M 1	David	dson Inlet	TRAIT (Chart 17400)					
1933-98-84-88W 24750 LIGHT 1		_		FI W 6s	23	6		Obscured from 104° to 240°.
133-39-30-578W	24745	- Buoy 2					Red nun.	
### 133-7-26.500W ### 133-7-26.500W ### 133-37-26.500W ### 133-37-37-000W ### 133-37-37-0	24750	- LIGHT 3		FI G 4s	20	4		
## 133-7-24.300W ## 133-37-24.800W ## 133-37-24.830W ## 133-37-37-37-37-37-37-37-37-37-37-37-37-3	24752.1	- Breakwater North Light		FI W 4s				Private aid.
133-7-22.860W 56-574-65.89N 133-37-22.434W FIV 6s 35 6 NR on spindle.	24752.2	- Breakwater Center Light		FI W 4s				Private aid.
133-37-21.454W FI W 6s	24752.3	- Breakwater South Light		FI W 4s				Private aid.
TOKEEN HARBOR 55.56-11_223M FI W 6s 35 6 NR on skeleton Obscurred from 128" to 255". Toke T	24753	- Daybeacon E					TR on spindle.	
Alkens Rock Daybeacon 3 55-54-01.25TN 131-54-1690W 55-53-20.685N 133-15-23.330W 133-15-15.536W 133-15-15.356W 133-15-15.536W		TOKEEN HARBOR		FI W 6s	35	6		Obscured from 128° to 255°.
## 133-15-23 330W ## 21 Capitan Passage ## 24770 ## El Capitan Daybeacon 1		_						
El Capitan Daybeacon 1 \$5-55-41.468N \$55-54.1468N \$13-14-18.086W \$90 on spindle. \$13-14-18.086W \$90 on spindle. \$13-14-15.56W \$13-17-51.56W \$13-17-51.56W \$13-17-51.56W \$13-17-51.56W \$13-17-51.56W \$13-19-27.093W \$13-19-27.093W \$15-48.67N \$13-19-27.093W \$15-48.67N \$15-48.69N \$15	24765	Village Rock Daybeacon VR					JR on spindle.	
El Capitan Daybeacon 1 \$5-55-41.468N \$55-54.1468N \$13-14-18.086W \$90 on spindle. \$13-14-18.086W \$90 on spindle. \$13-14-15.56W \$13-17-51.56W \$13-17-51.56W \$13-17-51.56W \$13-17-51.56W \$13-17-51.56W \$13-19-27.093W \$13-19-27.093W \$15-48.67N \$13-19-27.093W \$15-48.67N \$15-48.69N \$15	El Ca	pitan Passage						
133-17-51-536W Section		-					SG on spindle.	
133-19-27.093W 24780 BURNT ISLAND LIGHT 5 55-58-26.71N 51 G 4s 15 4 SG on skeleton tower. Obscured from 004° to 157.5	24775	Hub Rock Daybeacon 3					SG on spindle.	
Dry Pass 24785 - Daybeacon 2 56-09-20,747N 133-22-50.019W 24790 - Daybeacon 3 56-09-20,8503N 33-22-50.019W 24795 Daybeacon 5 56-09-33,435N 133-22-50.127W 24800 - Daybeacon 5 56-09-31,223N 133-23-20,127W 24800 Daybeacon 5 56-09-31,223N 133-23-23,859W 24805 Daybeacon 5 56-09-41,367N 33-24-45,567W 24810 Daybeacon 6 56-09-41,367N 133-24-43,567W 24810 Daybeacon 7 56-09-41,367N 133-24-43,567W 250 on spindle. 133-24-45,609W 24825 Daybeacon 9 56-09-43,345N 133-24-45,609W 250 on spindle. 133-24-45,567W 250 on spindle. 133-24-45,567W 250 on spindle. 133-24-45,567W 250 on spindle. 133-25-16,557W 250 on spindle. 133-25-34,731W 250 on spindle. 133-25-35,77W 250 on spi	24777	North Island Daybeacon					NR on spindle.	
24785 - Daybeacon 2 56-09-30.747N 133-22-50.019W TR on spindle. 24790 - Daybeacon 3 56-09-28.503N 133-22-54.639W SG on spindle. 24795 - Daybeacon 4 56-09-33.435N 133-23-20.127W TR on spindle. 24800 - Daybeacon 5 56-09-31.923N 133-23-23.859W SG on spindle. 24805 - Daybeacon 5A 56-09-41.367N 133-24-80.19W SG on spindle. 24810 - Daybeacon 6 56-09-49.863N 133-24-43.587W TR on spindle. 24815 - Daybeacon 7 56-09-47.667N 133-24-45.609W SG on spindle. 24820 - Daybeacon 9 56-09-54.345N 133-22-16.557W SG on spindle. 24825 - Daybeacon 11 56-09-52.701N 133-25-16.57W SG on spindle. 24830 - Daybeacon 13 56-09-50.997N 133-25-42.993W SG on spindle. 24835 - Daybeacon 14 56-09-49.677N 133-25-55.137W TR on spindle. 24840 - Daybeacon 15 56-09-44.367N 133-25-59.997W SG on spindle. 24845 - Daybeacon 16 56-09-44.367N 133-25-99.997W TR on spindle. 24850 - Daybeacon 17 56-09-41.151N 133-26-19.963W SG on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle.	24780	BURNT ISLAND LIGHT 5		FI G 4s	15	4		Obscured from 004° to 157.5°.
133-22-50.019W 133-22-50.019W 24790 - Daybeacon 3 56-09-28.503N 133-22-56.839W TR on spindle. 133-22-56.839W TR on spindle. 24800 - Daybeacon 5 56-09-31.923N 133-22-30.127W SG on spindle. 24805 - Daybeacon 5 56-09-31.923N 133-22-38.59W SG on spindle. 24805 - Daybeacon 6 56-09-41.867N 133-24-08.019W SG on spindle. 24810 - Daybeacon 6 56-09-49.863N 133-24-43.587W SG on spindle. 24815 - Daybeacon 7 56-09-47.667N 133-24-45.609W SG on spindle. 24820 - Daybeacon 9 56-09-52.701N 133-25-16.557W SG on spindle. 24825 - Daybeacon 11 56-09-52.701N 133-25-34.731W SG on spindle. 24830 - Daybeacon 13 56-09-50.997N SG on spindle. 24835 - Daybeacon 14 56-09-46.743N SG on spindle. 24840 - Daybeacon 15 56-09-45.751NW SG on spindle. 24840 - Daybeacon 15 56-09-45.751NW SG on spindle. 24840 - Daybeacon 15 56-09-45.751NW SG on spindle. 24845 - Daybeacon 16 56-09-44.367N 133-25-59.997W SG on spindle. 24845 - Daybeacon 16 56-09-41.751N 33-26-09.195W SG on spindle. 24855 - Daybeacon 17 56-09-41.151N 133-26-09.195W SG on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle.	Dry P	ass						
133-22-54.639W TR on spindle. 133-22-24.639W TR on spindle. 133-23-20.12TW 24800 - Daybeacon 5 56-09-33.435N 133-23-20.12TW SG on spindle. 133-23-23.859W SG on spindle. 133-24-38.859W SG on spindle. 133-24-08.019W SG on spindle. 133-24-08.019W TR on spindle. 133-24-08.019W TR on spindle. 133-24-08.019W TR on spindle. 133-24-35.87W SG on spindle. 133-24-35.87W SG on spindle. 133-24-35.87W SG on spindle. 133-24-35.87W SG on spindle. 133-25-16.557W SG on spindle. 133-25-16.557W SG on spindle. 133-25-16.557W SG on spindle. 133-25-34.731W SG on spindle. 133-25-35.137W SG	24785	- Daybeacon 2					TR on spindle.	
133-23-20.127W 24800 - Daybeacon 5 56-09-31.923N 133-23-23.859W SG on spindle.	24790	- Daybeacon 3					SG on spindle.	
133-23-23.859W SG on spindle.	24795	- Daybeacon 4					TR on spindle.	
24810 - Daybeacon 6 56-09-49.863N 133-24-43.587W TR on spindle. 24815 - Daybeacon 7 56-09-47.667N 133-24-45.609W SG on spindle. 24820 - Daybeacon 9 56-09-54.345N 133-25-16.557W SG on spindle. 24825 - Daybeacon 11 56-09-52.701N 133-25-34.731W SG on spindle. 24830 - Daybeacon 13 56-09-50.997N 133-25-34.731W SG on spindle. 24835 - Daybeacon 14 56-09-49.677N 133-25-51.37W TR on spindle. 24840 - Daybeacon 15 56-09-45.543N 133-25-59.997W SG on spindle. 24845 - Daybeacon 16 56-09-44.367N 133-26-09.195W TR on spindle. 24850 - Daybeacon 17 56-09-41.151N 133-26-12.963W SG on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle.	24800	- Daybeacon 5					SG on spindle.	
133-24-43.587W 24815 - Daybeacon 7 56-09-47.667N 133-24-45.609W SG on spindle.	24805	- Daybeacon 5A					SG on spindle.	
24820 - Daybeacon 9 56-09-54.345N 133-25-16.557W SG on spindle. 24825 - Daybeacon 11 56-09-52.701N 133-25-34.731W SG on spindle. 24830 - Daybeacon 13 56-09-50.997N 133-25-42.993W SG on spindle. 24835 - Daybeacon 14 56-09-49.677N 133-25-55.137W TR on spindle. 24840 - Daybeacon 15 56-09-45.543N 133-25-59.997W SG on spindle. 24845 - Daybeacon 16 56-09-44.367N 133-26-09.195W TR on spindle. 24850 - Daybeacon 17 56-09-41.151N 133-26-12.963W SG on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle.	24810	- Daybeacon 6					TR on spindle.	
24825 - Daybeacon 11 56-09-52.701N 133-25-34.731W SG on spindle. 24830 - Daybeacon 13 56-09-50.997N 133-25-42.993W SG on spindle. 24835 - Daybeacon 14 56-09-49.677N 133-25-55.137W TR on spindle. 24840 - Daybeacon 15 56-09-45.543N 133-25-59.997W SG on spindle. 24845 - Daybeacon 16 56-09-44.367N 133-26-09.195W TR on spindle. 24850 - Daybeacon 17 56-09-41.151N 133-26-12.963W SG on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle.	24815	- Daybeacon 7					SG on spindle.	
24830 - Daybeacon 13 56-09-50.997N 133-25-42.993W SG on spindle. 24835 - Daybeacon 14 56-09-49.677N 133-25-55.137W TR on spindle. 24840 - Daybeacon 15 56-09-45.543N 133-25-59.997W SG on spindle. 24845 - Daybeacon 16 56-09-44.367N 133-26-09.195W TR on spindle. 24850 - Daybeacon 17 56-09-41.151N 133-26-12.963W SG on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle.	24820	- Daybeacon 9					SG on spindle.	
24835 - Daybeacon 14 56-09-49.677N 133-25-55.137W TR on spindle. 24840 - Daybeacon 15 56-09-45.543N 133-25-59.997W SG on spindle. 24845 - Daybeacon 16 56-09-44.367N 133-26-09.195W TR on spindle. 24850 - Daybeacon 17 56-09-41.151N 133-26-12.963W SG on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle.	24825	- Daybeacon 11					SG on spindle.	
133-25-55.137W 24840 - Daybeacon 15 56-09-45.543N	24830	- Daybeacon 13					SG on spindle.	
24845 - Daybeacon 16 56-09-44.367N 133-26-09.195W TR on spindle. 24850 - Daybeacon 17 56-09-41.151N 133-26-12.963W SG on spindle. 24855 - Daybeacon 18 56-09-41.707N TR on spindle.	24835	- Daybeacon 14					TR on spindle.	
133-26-09.195W 24850 - Daybeacon 17	24840	- Daybeacon 15					SG on spindle.	
24855 - Daybeacon 18 56-09-41.707N TR on spindle.	24845	- Daybeacon 16					TR on spindle.	
	24850	- Daybeacon 17	56-09-41.151N				SG on spindle.	
	24855	- Daybeacon 18					TR on spindle.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	enth Distric	t		
	N ENTRANCE TO CHATHAM ST pitan Passage	RAIT (Chart 17400)					
24857	- Daybeacon 19	56-09-37.395N 133-26-30.189W				SG on spindle.	
24860	- Daybeacon 20	56-09-36.117N 133-26-42.747W				TR on spindle.	
24865	- Daybeacon 21	56-09-29.559N 133-26-55.647W				SG on spindle.	
24870	- Daybeacon 22	56-09-28.629N 133-27-09.885W				TR on spindle.	
24875	- Daybeacon 23	56-09-25.887N 133-27-06.225W				SG on spindle.	
24877	- Daybeacon 24	56-09-22.719N 133-27-19.503W				TR on spindle.	
24880	- Daybeacon 25	56-09-20.679N 133-27-14.301W				SG on spindle.	
24885	- Daybeacon 26	56-09-14.337N 133-27-26.037W				TR on spindle.	
24890	- Daybeacon 28	56-09-11.013N 133-27-41.397W				TR on spindle.	
COR	ONATION ISLAND TO LISIANSK	I STRAIT (Chart 173	20)				
Little 24895	Branch Bay - LIGHT	56-18-14.168N 134-50-41.697W	FI W 4s	109	5	NR on skeleton tower.	Obscured from 111.5° to 338°.
Sitka 24897	Sound Sharktooth Rock Daybeacon 2	56-44-05.978N 135-16-08.806W				TR on spindle.	
24898	Sharktooth Rock Daybeacon 4					TR on spindle.	
24900	Elovoi Island Rock Daybeacon					SG on spindle.	
24905	Koka Island Passage Daybeacon 1	56-54-49.483N 135-23-39.845W				SG on spindle.	
24910 1030	CAPE EDGECUMBE LIGHT	56-59-53.317N 135-51-27.509W	FI W 4s	100	7	NR on square frame.	Obscured from 149.5° to 321°.
24915	VITSKARI ISLAND LIGHT	57-00-00.055N 135-32-42.341W	FI W 6s	53	8	NR on skeleton tower.	RACON: 0 ()
24920	Kulichkof Rock Lighted Buoy 2	56-59-53.706N 135-26-59.464W	FIR 4s		4	Red.	
Easte	ern Channel						
24925	THE ECKHOLMS LIGHT	57-00-36.115N 135-21-32.537W	FI W 6s	33	6	NR on skeleton tower.	
24930	Simpson Rock Lighted Bell Buoy 5	57-01-09.042N 135-20-44.821W	FI G 4s		4	Green.	
24935	Tsaritsa Rock Lighted Buoy 7	57-01-14.181N 135-19-28.959W	FI G 2.5s		3	Green.	
24940	Rocky Patch Lighted Buoy RP	57-01-42.231N 135-18-22.417W	FI (2+1)R 6s		4	Red and green bands.	
24942	Rocky Patch Buoy 9A	57-01-45.638N 135-17-43.034W				Green can.	
24945	ENTRY POINT LIGHT 1	57-01-57.639N 135-15-00.438W	FI G 6s	22	5	SG on skeleton tower.	Obscured from 086° to 248°.
24948	Indian River Flats Lighted Buoy 2	57-02-32.620N 135-18-37.252W	FIR 4s		3	Red.	
24950	THE TWINS LIGHT 9	57-02-03.473N 135-18-48.003W	FI G 4s	14	4	SG on skeleton tower.	Obscured from 030° to 146°.
24952	Indian River Flats Lighted Buoy 4	57-02-32.721N 135-19-00.486W	FIR 6s		3	Red.	
24953	Indian River Flats Lighted Buoy 6	57-02-40.346N 135-19-15.845W	FIR 4s		3	Red.	
24955	ROCKWELL LIGHT	57-02-09.395N 135-20-01.354W	FR	50		White octagonal tower with dwelling attached.	Private aid.
24957	Mitchell Rock Daybeacon	57-02-20.303N 135-20-26.635W				NR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2000	2014 TION IOL AND TO LIGHT AND	(I OTDAIT (OL - 4 47	ALASKA - Sevente	enth Distric	t		
	DNATION ISLAND TO LISIANSK rn Channel	IISTRAIT (Chart 17.	320)				
24958	SURF ROCK LIGHT	57-01-55.147N 135-22-35.303W	FI W 4s	15	5	NR on spindle.	
Alidal 24960	e Channel TURNING ISLAND LIGHT 11	57-02-35.929N 135-20-11.669W	FI G 2.5s	16	4	SG on skeleton tower.	Obscured sector from 062° to 153°.
24963	Sitka Harbor Lightering Pier Daybeacon	57-02-50.533N 135-20-10.973W				NR on pile.	
24965	Crescent Boat Harbor Daybeacon 1	57-02-52.675N 135-19-51.725W				SG on spindle.	
24970	CRESCENT HARBOR EAST BREAKWATER LIGHT 4	57-02-57.421N 135-19-48.857W	FI R 2.5s	19	4	TR on skeleton tower.	
24975	CRESCENT HARBOR WEST BREAKWATER LIGHT 3	57-02-54.603N 135-19-49.235W	FI G 2.5s	20	4	SG on skeleton tower.	
24976	Sitka Harbor No Wake Buoy A	57-02-43.500N 135-20-18.000W				White with black stripes.	Maintained from Apr. 1 to Nov 1. Private aid.
24977	Sitka Harbor No Wake Buoy B	57-02-50.000N 135-20-05.000W				White with black stripes.	Maintained from Apr. 1 to Nov 1. Private aid.
24978	ALEUTSKI CHANNEL LIGHT 2	57-02-47.497N 135-20-26.317W	FIR 4s	15	3	TR on pile.	
24979	Aleutski Channel Daybeacon 4	57-02-45.601N 135-20-33.899W				TR on pile.	
24980	Japonski Harbor Entrance Daybeacon 5	57-02-48.817N 135-20-47.955W				SG on pile.	
24985	JAPONSKI HARBOR ENTRANCE LIGHT 6	57-02-49.637N 135-20-46.032W	FIR 6s	12	4	TR on pile.	
24990	Japonski Harbor Daybeacon 7	57-02-53.124N 135-20-52.547W				SG on pile.	
Weste 25000	ern Channel Makhnati Rock Lighted Whistle Buoy 2	57-02-09.705N 135-23-47.446W	FI R 2.5s		4	Red.	
25005	SIGNAL ISLAND LIGHT 4	57-02-46.649N 135-23-34.489W	FIR 4s	52	5	TR on skeleton tower.	Obscured from 217° to 005°.
25010	Usher Rock Shoal Lighted Buoy 5	57-03-06.556N 135-23-49.794W	FI G 4s		4	Green.	
25015	BATTERY ISLAND LIGHT 6	57-03-34.621N 135-22-54.617W	FIR 6s	16	4	TR on spindle.	Obscured from 263° to 061°.
25020	SITKA BREAKWATER LIGHT 8	57-03-43.501N 135-22-00.473W	FI R 2.5s	19	4	TR on spindle.	
25025	SITKA BREAKWATER LIGHT 7	57-03-46.087N 135-21-55.043W	FI G 4s	19	4	SG on spindle.	
25025.5	Japonski Island Daybeacon 2	57-03-25.393N 135-22-27.365W				TR on spindle.	
25025.51	Japonski Island Buoy 2	57-03-25.403N 135-22-28.304W				Red nun.	
25030	SITKA HARBOR CHANNEL LIGHT 9	57-03-13.645N 135-20-58.829W	QG	20	4	SG on pile.	
25035	Harbor Rock Daybeacon	57-03-12.504N 135-20-53.936W				NR on spindle.	
25040	SITKA HARBOR LIGHT 11	57-03-10.699N 135-20-53.783W	FI G 4s	23	5	SG on pile.	
25043	SITKA HARBOR GOVERNMENT PIER NORTH LIGHT	57-03-00.829N 135-20-45.935W	FI R 2.5s	15	3	On post on pier.	
25045	SITKA HARBOR GOVERNMENT PIER SOUTH LIGHT	57-02-58.753N 135-20-42.221W	FI R 2.5s	15	3	On post on pier.	
Sitka	Sound						
25050	Kasiana Island Shoal Buoy 1	57-05-18.323N 135-24-13.035W				Green can.	
25055	OLD SITKA ROCKS LIGHT 2	57-06-52.410N 135-24-42.237W	FIR 6s	30	5	TR on spindle on concrete caison.	

CORONATION ISLAND TO LISIAND # START (Charles) Coronation Corona	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MAKA SIRA ASTA			I STRAIT (Chart 17		enth District			
135.23.31.7011W 135.22.23.15.011W 135.24.23.31.7011W 135.22.23.15.011W 135.24.23.31.7011W 135.24.23.23.7011W 135.24.2011W 135.24.23.23.7011W							993032018	
1352-22-3950W Fig	25056.6	Marina Cove Lighted Buoy 1		QG			Green.	
LIGHT 3	25057	STARRIGAVAN BAY LIGHT		FI W 2.5s	10		On breakwater.	Private aid.
152-24-38-111W tower t	25060			FI G 2.5s	22	4		Obscured from 010° to 154°.
25070 - LIGHT 5	25065	LISIANSKI POINT LIGHT 4		FIR 4s	41	4		Obscured from 157° to 338°.
152-28-02-183W	Olga	Strait						
135-29-27.347W	25070	- LIGHT 5		FI G 6s	15	5		
138-29-44-829W	25075	- LIGHT 7		FI G 2.5s	15	3		
Neva Strait 135-32-10.445W	25080	- LIGHT 9		FI G 4s	30	4		
NEVA POINT REEF LIGHT 12 57-14-03.847N FIR 6s 17 4 Tr. on spindle on concrete caisson. Discurded from 147" to 2417". 136-33-08.845W FIR 6s 17 4 Tr. on spindle on concrete caisson. Discurded from 147" to 2417". 136-33-08.845W FIR 6s 17 4 Tr. on spindle on concrete caisson. Discurded from 147" to 2417". 136-33-08.845W FIR 6s 17 4 Tr. on spindle on concrete caisson.	25085	- LIGHT 11		FI G 4s	15	4	SG on spindle.	
### Whitestone Narrows ### Whitestone Narrows ### Whitestone Narrows ### Whitestone Pairows ### Pairows ### Whitestone Pairows ### Whitestone Pairows ### Pairows ### Whitestone Pairows ###	Neva	Strait						
Fig. 4 Green Fook Lighted Buoy 13 37-14-32-333N 135-33-48,357W Fil G 4s 4 Green Gree	25090	NEVA POINT REEF LIGHT 12		FIR 6s	17	4		Obscured from 147° to 217°.
135-33-48.557W	White	estone Narrows						
14	25095	- Rock Lighted Buoy 13		FI G 4s		4	Green.	
135-33-57-956W 25110	25100			FI R 2.5s	11	5		Obscured from 170° to 347°.
135-34-00.656W 25115	25105	- Channel Buoy 15					Green can.	
135-34-02.756W 25120 - RANGE FRONT LIGHT 57-15-11.305N 315-34-04.9811W 27 KRW on spindle Visible all around. 135-34-04.9811W 27 KRW on spindle Visible all around. 135-34-04.9811W 28125 - RANGE REAR LIGHT 126 yards, 345.0° from front light. 135-34-06.752W 135-34-06.752W 135-34-06.752W 135-34-06.752W 135-34-06.752W 135-34-06.752W 135-34-06.752W 135-35-01.145W 135-34-50.145W 135-34-50.033W 135-35-01.145W 135-34-53.063W 135-34-53.063W 135-34-53.063W 135-34-53.063W 135-34-53.063W 135-34-53.063W 135-34-53.063W 135-35-28.522W 135-35-28.522W 135-36-08.472W 135-36-08.472W 135-36-08.472W 135-36-09.33W 135-36-08.472W 135-36-09.33W 135-36-08.472W 135-36-29.933W 135-36-34.808W 135-36-34.808W 135-36-34.808W 135-36-34.808W 135-36-34.808W 135-36-22.229N 135-36-41.808W 135-41.808W 135	25110	- Channel Lighted Buoy 17		QG		3	Green.	
135-34-04.981W 25125 - RANGE REAR LIGHT 126 yards, 345.0° from front 136-34-06.752W 126 yards, 345.0° from front 126 yards, 345.0° front	25115	Whitestone Sandspit Buoy 18					Red nun.	
126 yards, 345.0° from front 135-34-06.752W ight.	25120	- RANGE FRONT LIGHT		QW	27		KRW on spindle	Visible all around.
25130 Columbine Rock Daybeacon 19	25125	126 yards, 345.0° from front		F W	40		KRW on spindle.	Obscured from 028° to 208°.
19	Neva	Strait						
135-34-53.063W 25140 Wyvill Reef Lighted Buoy 22 57-16-18.171N 135-35-28.522W FI R 2.5s 4 Red.	25130							
135-35-28.522W 25145	25135	- Lighted Buoy 20		FIR 4s		4	Red.	
Buoy 23 135-36-08.472W 25150 ENTRANCE ISLAND LIGHT 57-17-30.427N 135-36-20.933W FI R 6s 30 5 TR on skeleton tower. 25155 KANE ISLAND LIGHT 25 57-19-22.279N 135-39-46.259W FI G 2.5s 40 4 SG on skeleton tower. Salisbury Sound 25160 Morskoi Rock Buoy 2 57-20-37.576N 135-53-41.808W 25165 KLOKACHEF ISLAND LIGHT 57-24-12.145N 135-54-22.422W FI W 6s 85 7 NR on square frame. 25170 Kakul Rock Lighted Buoy 2 57-21-44.777N 135-41-52.974W 25175 Brad Rock Buoy 3 57-22-23.443N 135-41-28.527W 25180 KAKUL NARROWS LIGHT 4 57-22-25.836N FI R 2.5s 27 4 TR on skeleton Cobscured from 154° to 345°. TR on skeleton Obscured from 342° to 103°. TR on skeleton Obscured from 342° to 103°. TR on skeleton Obscured from 342° to 103°. TR on skeleton Obscured from 155.5° to 291° frame. Obscured from 155.5° to 291° frame. Green Can.	25140	Wyvill Reef Lighted Buoy 22		FI R 2.5s		4	Red.	
24 135-36-20.933W tower. 25155 KANE ISLAND LIGHT 25 57-19-22.279N 135-39-46.259W FI G 2.5s 40 4 SG on skeleton tower. Salisbury Sound 25160 Morskoi Rock Buoy 2 57-20-37.576N 135-53-41.808W 25165 KLOKACHEF ISLAND LIGHT 57-24-12.145N 135-54-22.422W 25170 Kakul Rock Lighted Buoy 2 57-21-44.777N 135-41-52.974W 25175 Brad Rock Buoy 3 57-22-23.443N 135-41-28.527W 25180 KAKUL NARROWS LIGHT 4 57-22-25.836N FI R 2.5s 27 4 TR on skeleton	25145			FI G 4s		5	Green.	
Salisbury Sound 25160 Morskoi Rock Buoy 2 57-20-37.576N 135-53-41.808W Red nun. 25165 KLOKACHEF ISLAND LIGHT 135-53-41.2145N 135-54-22.422W FI W 6s 85 7 NR on square frame. Obscured from 155.5° to 291' frame. 25170 Kakul Rock Lighted Buoy 2 135-41-22.422W 57-21-44.777N FI R 6s 135-41-52.974W 4 Red. 25175 Brad Rock Buoy 3 57-22-23.443N 135-41-28.527W 57-22-23.443N 135-41-28.527W Green Can. 25180 KAKUL NARROWS LIGHT 4 57-22-25.836N FI R 2.5s 27 4 TR on skeleton	25150			FIR 6s	30	5		Obscured from 154° to 345°.
25160 Morskoi Rock Buoy 2 57-20-37.576N 135-53-41.808W Red nun. 25165 KLOKACHEF ISLAND LIGHT 1035 57-24-12.145N 135-54-22.422W FI W 6s 85 7 NR on square frame. Obscured from 155.5° to 291' frame. 25170 Kakul Rock Lighted Buoy 2 135-41-52.974W 57-21-44.777N 135-41-52.974W FI R 6s 4 Red. 25175 Brad Rock Buoy 3 57-22-23.443N 135-41-28.527W Green Can. 25180 KAKUL NARROWS LIGHT 4 57-22-25.836N FI R 2.5s 27 4 TR on skeleton	25155	KANE ISLAND LIGHT 25		FI G 2.5s	40	4		Obscured from 342° to 103°.
25160 Morskoi Rock Buoy 2 57-20-37.576N 135-53-41.808W Red nun. 25165 KLOKACHEF ISLAND LIGHT 1035 57-24-12.145N 135-54-22.422W FI W 6s 85 7 NR on square frame. Obscured from 155.5° to 291' frame. 25170 Kakul Rock Lighted Buoy 2 57-21-44.777N 135-41-52.974W FI R 6s 4 Red. 25175 Brad Rock Buoy 3 57-22-23.443N 135-41-28.527W Green Can. 25180 KAKUL NARROWS LIGHT 4 57-22-25.836N FI R 2.5s 27 4 TR on skeleton	Salisl	bury Sound						
1035 135-54-22.422W frame. 25170 Kakul Rock Lighted Buoy 2 57-21-44.777N 135-41-52.974W FI R 6s 4 Red. 25175 Brad Rock Buoy 3 57-22-23.443N 135-41-28.527W Green Can. 25180 KAKUL NARROWS LIGHT 4 57-22-25.836N FI R 2.5s 27 4 TR on skeleton							Red nun.	
135-41-52.974W 25175 Brad Rock Buoy 3 57-22-23.443N Green Can. 135-41-28.527W 25180 KAKUL NARROWS LIGHT 4 57-22-25.836N FI R 2.5s 27 4 TR on skeleton		KLOKACHEF ISLAND LIGHT		FI W 6s	85	7		Obscured from 155.5° to 291°
135-41-28.527W 25180 KAKUL NARROWS LIGHT 4 57-22-25.836N FI R 2.5s 27 4 TR on skeleton	25170	Kakul Rock Lighted Buoy 2		FIR 6s		4	Red.	
	25175	Brad Rock Buoy 3					Green Can.	
	25180	KAKUL NARROWS LIGHT 4		FI R 2.5s	27	4		

Budy 6	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Point Strait	COR	ONATION ISLAND TO LISIANSH	(I STRAIT (Chart 17:		enth Distric	t		
189-38e 10.000W Fire 2.56	Peril	Strait	•	·	22	4	SC on skalaton	Obscured from 021° to 100°
Bully 6	23103	SOLOIA FOINT LIGHT S		110 2.05	22	7		Obscured Holli 021 to 190 .
## 1393-75-6.516W ## SEGIUS NARROWS LIGHT 19 7-24-27, 989N 193-37-6.671W ## 1393-75-6.671W ## 1393-75-	25190			FI R 2.5s		4	Red.	
9 135-37-51-571W Wyanda Lafege Buoy 10 72-42-42 YASN 138-37-43-517W 138-37-43-517W 138-37-43-517W 138-37-43-517W 138-38-43-517W 138-38-43-517W 138-38-43-517W 138-38-43-517W 138-38-43-517W 157-24-42 886N FI G 2 5s 4 Green. 12 17 17 17-24-42 886N FI G 2 5s 5 4 Tron skeleton tower. 138-38-38-259W 12 17 187-251 SILAND LIGHT 1 17-24-25 886N FI G 2 5s 5 4 Tron skeleton tower. 138-38-38-259W 12 17 187-251 SILAND LIGHT 14 17-28-28-102W 138-38-38-28-28-28-28-28-28-28-28-28-28-28-28-28	25195	Sergius Narrows Buoy 8					Red nun.	
195-37-43-517W 196-25	25200			FI G 4s	17	4	SG on spindle.	Obscured from 080° to 243°.
195-96-94 2689W Fire 2 5s 25	25205	Wayanda Ledge Buoy 10					Red nun.	
12	25210	Liesnoi Shoal Lighted Buoy 11		FI G 2.5s		4	Green.	
Daybeacon 1	25215			FI R 2.5s	15	4		Obscured from 272° to 025°.
1853-4-28.102W VELLOW POINT LIGHT 16	25220							
15-33-11-104W 15-33-11-104	25225	MIDDLE POINT LIGHT 14		FIR 4s	23	4		
18	25230	YELLOW POINT LIGHT 16		QR	17	3		Obscured from 265° to 034°.
19	25235							
135-32-19.842W Tower. To	25240			QG	17	4		Obscured from 080° to 190°.
Daybeacon 135-32-58.008W Fire 2.5s 13 4 TR on spindle. Obscured from 159" to 340". 135-32-29.190W Fire 2.5s 13 4 TR on spindle. Obscured from 159" to 340". 135-32-29.190W Decided from 159" to 340". 135-32-29.190W Decided from 159" to 340". 135-32-29.190W Decided from 159" to 340". 135-32-32.914W Decided from 159" to 340". 135-32-32.914W Decided from 159" to 340". 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-32.914W Decided from 135-32-33.914.914W Decided from 135-34-32.914W Decided from 135-34-34-32.914W Decided	25245	BIG ROSE ISLAND LIGHT 21		FI G 4s	17	4		Obscured from 004° to 150°.
135-32-29.190W 25260 POVOROTNI ISLAND LIGHT 57-30-51.895N 153-31-8.090W 26 5 NR on spindle. Obscured from 314" to 032".	25250						NR on spindle.	
135-33-18.090W 135-33-18.090W 135-33-18.090W 135-33-18.090W 135-33-39.14W 135-33-39.14W 135-33-39.14W 135-33-39.14W 135-33-39.14W 135-33-39.14W 135-33-39.14W 135-33-39.2914W 135-33-39.2914W 135-33-39.2914W 135-33-39.2914W 135-33-39.294.44W 135-33-48.444W 135-30-48.444W 135-30-48.444W 135-30-48.444W 135-30-48.444W 135-39-47.094W 135-39-47.094W 135-39-47.094W 135-39-47.094W 135-39-37.294W 125-295-39-35.294W 135-29-30.35227N 135-29-30.35227N 135-29-30.767W 135-29-30.767W 135-29-30.767W 135-29-30.767W 135-29-30.767W 135-29-30.767W 135-29-30.767W 14	25255	- LIGHT 22		FI R 2.5s	13	4	TR on spindle.	Obscured from 159° to 340°.
Mooring Buoy	25260	POVOROTNI ISLAND LIGHT		QW	26	5	NR on spindle.	Obscured from 314° to 032°.
135-30-48.444W 18-25265 ELOVOI ISLAND LIGHT 26	25261							
135-28-04.704W tower. tower.	25263	HOGGATT REEF LIGHT 25		FI G 6s	25	4	SG on spindle.	
135-26-53.424W 25275 OTSTOIA ISLAND LIGHT 57-33-41.259N 135-27-00.767W FI W 4s 17 6 NR on skeleton tower. Obscured from 110° to 247°. 25280 COZIAN REEF LIGHT 3 57-34-04.087N 135-25-41.124W FI G 6s 17 4 SG on pile. SG on pile. 25285 BROAD ISLAND LIGHT 57-35-08.707N 135-23-37.344W FI G 6s 17 4 SG on pile. Obscured from 152° to 297°. 25290 Rodman Rock Buoy 1 57-29-46.458N 135-14-22.504W FI W 2.5s 15 6 NR on skeleton tower. Green can. 25295 PESCHANI POINT LIGHT 57-32-17.167N 135-12-2644W FI W 2.5s 15 6 NR on skeleton tower. Obscured from 310° to 117°. 25300 POINT BENHAM LIGHT 57-28-59.162N 135-11-51.786W FI W 4s 19 6 NR on skeleton tower. Obscured from 310° to 117°. 25305 MCCLELLAN ROCK LIGHT 57-27-10.838N 135-01-37.674W FI W 6s 17 7 NR on spindle. 25310 FAIRWAY ISLAND LIGHT 32 57-26-34.226N 134-52-18.438W FI R 6s 55 4 TR on skeleton tower. Obscured from 297° to 098°. 25315 POINT CRAVEN LIGHT 57-27-47.762N 134-51-59.820W FI W 2.5s 35 5 NR on skeleton tower. Obscured from 078° to 157°. 25325 Khaz Breaker Lighted Whistle 57-31-11.964N 136-07-44.803W FI R 6s 4 Red. 25325 Khaz Breaker Lighted Whistle 57-34-50.071N FI R 6s 4 Red. 25330 Ninefoot Shoal Buoy 4 57-34-50.071N FI R 6s 4 Red. Red. 25330 Ninefoot Shoal Buoy 4 57-34-50.071N FI R 6s 4 Red. 25330 Red nun.	25265	ELOVOI ISLAND LIGHT 26		FIR 6s	18	4		Obscured from 308° to 037°.
135-27-00.767W tower.	25270	OTSTOIA CHANNEL LIGHT 2		FIR 4s	18	3	NR on pile.	
135-25-41.124W 25285 BROAD ISLAND LIGHT 57-35-08.707N 135-23-37.344W 71-25-294 64.58N 135-14-22.504W 71-25-294 71-25-2	25275	OTSTOIA ISLAND LIGHT		FI W 4s	17	6		Obscured from 110° to 247°.
135-23-37.344W tower.	25280	COZIAN REEF LIGHT 3		FI G 6s	17	4	SG on pile.	
135-14-22.504W 25295 PESCHANI POINT LIGHT 57-32-17.167N 135-19-22.644W FI W 2.5s 15 6 NR on skeleton tower. 25300 POINT BENHAM LIGHT 57-28-59.162N 135-11-51.786W FI W 4s 19 6 NR on skeleton tower. 25305 MCCLELLAN ROCK LIGHT 57-27-10.838N 135-01-37.674W FI W 6s 17 7 NR on spindle. 25310 FAIRWAY ISLAND LIGHT 32 57-26-34.226N 134-52-18.438W FI R 6s 55 4 TR on skeleton tower. 25315 POINT CRAVEN LIGHT 57-27-47.762N 134-51-59.820W FI W 2.5s 35 5 NR on skeleton tower. Khaz Bay 25325 Khaz Breaker Lighted Whistle 57-31-11.964N 136-07-44.803W FI R 6s 4 Red. 25330 Ninefoot Shoal Buoy 4 57-34-50.071N Red nun.	25285	BROAD ISLAND LIGHT		QW	14	6		Obscured from 152° to 297°.
135-19-22.644W tower. 25300 POINT BENHAM LIGHT 57-28-59.162N 135-11-51.786W FI W 4s 19 6 NR on skeleton tower. 25305 MCCLELLAN ROCK LIGHT 57-27-10.838N 135-01-37.674W FI W 6s 17 7 NR on spindle. 25310 FAIRWAY ISLAND LIGHT 32 57-26-34.226N 134-52-18.438W FI R 6s 55 4 TR on skeleton tower. 25315 POINT CRAVEN LIGHT 57-27-47.762N 134-51-59.820W FI W 2.5s 35 5 NR on skeleton tower. 25325 Khaz Bay 25325 Khaz Breaker Lighted Whistle Buoy 2 136-07-44.803W FI R 6s 4 Red. 25330 Ninefoot Shoal Buoy 4 57-34-50.071N Red nun.	25290	Rodman Rock Buoy 1					Green can.	
135-11-51.786W tower. 25305 MCCLELLAN ROCK LIGHT 57-27-10.838N FI W 6s 17 7 NR on spindle. 25310 FAIRWAY ISLAND LIGHT 32 57-26-34.226N 134-52-18.438W FI R 6s 55 4 TR on skeleton tower. 25315 POINT CRAVEN LIGHT 57-27-47.762N 134-51-59.820W FI W 2.5s 35 5 NR on skeleton tower. 25325 Khaz Bay 25325 Khaz Breaker Lighted Whistle Buoy 2 136-07-44.803W FI R 6s 4 Red. 25330 Ninefoot Shoal Buoy 4 57-34-50.071N Red nun.	25295	PESCHANI POINT LIGHT		FI W 2.5s	15	6		
135-01-37.674W 25310 FAIRWAY ISLAND LIGHT 32 57-26-34.226N 134-52-18.438W FI R 6s 55 4 TR on skeleton tower. 25315 POINT CRAVEN LIGHT 57-27-47.762N 134-51-59.820W FI W 2.5s 35 5 NR on skeleton tower. 25325 Khaz Bay 25325 Khaz Breaker Lighted Whistle Buoy 2 136-07-44.803W FI R 6s 4 Red. 25330 Ninefoot Shoal Buoy 4 57-34-50.071N FI R 6s Red nun.	25300	POINT BENHAM LIGHT		FI W 4s	19	6		Obscured from 310° to 117°.
25310 FAIRWAY ISLAND LIGHT 32 57-26-34.226N 134-52-18.438W FI R 6s 55 4 TR on skeleton tower. 25315 POINT CRAVEN LIGHT 57-27-47.762N 134-51-59.820W FI W 2.5s 35 5 NR on skeleton tower. Characteristic Results of the control of the	25305	MCCLELLAN ROCK LIGHT		FI W 6s	17	7	NR on spindle.	
25315 POINT CRAVEN LIGHT 57-27-47.762N FI W 2.5s 35 5 NR on skeleton tower. Khaz Bay 25325 Khaz Breaker Lighted Whistle 57-31-11.964N FI R 6s 4 Red. Red. Red nun. Red nun.	25310	FAIRWAY ISLAND LIGHT 32	57-26-34.226N	FIR 6s	55	4		Obscured from 297° to 098°.
Khaz Bay 25325 Khaz Breaker Lighted Whistle Buoy 2 57-31-11.964N FI R 6s 4 Red. 25330 Ninefoot Shoal Buoy 4 57-34-50.071N Red nun.	25315	POINT CRAVEN LIGHT	57-27-47.762N	FI W 2.5s	35	5		Obscured from 078° to 157°.
25325 Khaz Breaker Lighted Whistle 57-31-11.964N FI R 6s 4 Red. Buoy 2 136-07-44.803W 25330 Ninefoot Shoal Buoy 4 57-34-50.071N Red nun.	Khaz	z Bay						
,	25325	Khaz Breaker Lighted Whistle		FIR 6s		4	Red.	
	25330	Ninefoot Shoal Buoy 4					Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COR	ONATION ISLAND TO LISIANSH	(I STRAIT (Chart 17	ALASKA - Sevente	enth Distric	t		
Khaz	z Bay	•	,				
25335	Klag Bay Entrance Daybeacon 1	57-36-42.343N 136-06-08.256W				SG on post.	
25340	The Gate Daybeacon A	57-36-47.419N 136-06-04.278W				NG on spindle.	
25345	Klag Island Daybeacon B	57-37-03.673N 136-06-00.788W				NR on post.	
Ogde	en Passage						
25350	Snipe Rock Daybeacon 1	57-38-14.761N 136-10-42.151W				SG on spindle.	
25355	Dippy Island Rock Daybeacon 3	57-41-26.515N 136-07-38.628W				SG on spindle on pier.	
Portl	lock Harbor						
25360	Black Bay Rocks Daybeacon 4	57-42-19.357N 136-09-20.388W				TR on spindle.	
25365	Minnie Reef Daybeacon 5	57-43-10.447N 136-10-20.246W				SG on spindle on concrete foundation.	
	erial Passage						
25370 1040	HILL ISLAND LIGHT	57-43-39.166N 136-16-36.071W	FI W 4s	60	6	NR on skeleton tower.	Obscured from 111° to 264°.
	PHENS PASSAGE TO CROSS Sonski Strait	OUND (Chart 17300)					
25375 1050	- LIGHT 2	57-50-42.445N 136-26-07.719W	FIR 4s	53	4	TR on square frame.	Obscured from 024° to 210°.
25380	- LIGHT 4	57-56-21.847N 136-21-37.945W	FIR 6s	25	5	TR on skeleton tower.	Obscured from 165° to 330°. High intensity beam toward southeast entrance to strait.
25385	- Daybeacon 5	57-59-10.627N 136-22-36.445W				SG on spindle.	
25390	- LIGHT 6	57-59-23.509N 136-22-17.557W	FI R 2.5s	25	4	TR on skeleton tower.	
25395	- LIGHT 8	58-00-09.391N 136-21-15.427W	FIR 4s	15	4	TR on spindle.	Obscured from 275° to 036°.
Grav	es Harbor						
25400	- Daybeacon 2	58-17-07.524N 136-41-36.854W				TR on spindle.	
CRO	SS SOUND TO YAKUTAT BAY (Chart 16760)					
•	a Bay	50.07.05.004N	0.144	00		10014	Oh
25405	- ENTRANCE RANGE FRONT LIGHT	58-37-35.634N 137-39-28.699W	QW	28		KRW on skeleton tower.	Obscured from 048° to 348°; higher intensity on rangeline.
25410	- ENTRANCE RANGE REAR LIGHT	58-37-42.591N 137-39-26.874W	Iso W 6s	42		KRW on skeleton tower.	Obscured from 170° to 222°; higher intensity on rangeline.
	238 yards, 007.8° from front light.	107 00 20.07 111					
Yaku	ıtat Bay						
25415 1085	OCEAN CAPE LIGHT	59-32-08.271N 139-51-19.907W	FI W 6s	130	9	NR on skeleton tower.	Obscured from 134° to 309°.
25420 1090	- Entrance Lighted Whistle Buoy 2	59-31-59.128N 139-57-10.909W	FI R 2.5s		4	Red.	
25425	- Lighted Whistle Buoy 4	59-35-33.932N 139-51-08.973W	FIR 4s		4	Red.	
25430	- Buoy 6	59-42-34.423N 139-41-51.554W				Red nun.	
25435	- Buoy 8	59-41-25.043N 139-38-37.112W				Red nun.	
25440	KHANTAAK ISLAND LIGHT	59-33-29.496N 139-47-04.176W	FI W 4s	28	6	NR on skeleton tower.	Obscured from 105° to 330°.
25445	Yakutat Roads Lighted Buoy 1	59-33-25.684N	FI G 2.5s		3	Green.	
25446	YAKUTAT ROADS LIGHT 2	139-45-51.279W 59-34-03.574N	FIR 4s	12	2	TR on skeleton	Obscured from 292° to 021°.
		139-44-47.555W				tower.	

	SS SOUND TO YAKUTAT BAY (
	tat Bav	Chart 16760)	ALASKA - Sevented	enth Distric	t		
	MXAK Yakutat ASTA	59-32-41.471N 139-43-55.150W					AIS transceiver - MMSI: 993032041 Private aid.
25449	MXAK Icy Bay ASTA	59-55-24.420N 141-21-31.021W					AIS transceiver - MMSI: 993032043 Private aid.
	TROLLER BAY roller Bay MARTIN ISLANDS LIGHT	60-09-51.553N 144-36-21.792W	FI W 6s	150	6	NR on skeleton tower.	Obscured from 174° to 255°.
	per River Delta TION: Only mariners with a thorou SOFTUK BAR CHANNEL LIGHT S	igh local knowledge o 60-13-13.789N 144-58-58.908W	f area should attempt Oc (4)W 30s	passage int	o the Delta 6	a unless during emerg NR on skeleton tower.	ency situations. Maintained from May 1 to Oct 1
25460	KOKENHENIC BAR CHANNEL LIGHT K	60-13-31.771N 145-09-49.458W	FI W 4s	12	6	NR on skeleton tower.	Maintained from May 1 to Oct 1
25465	GRASS ISLAND BAR CHANNEL LIGHT G	60-15-19.680N 145-18-14.934W	FI W 6s	12	5	NR on skeleton tower.	Maintained from May 1 to Oct 1
25470	PETER DAHL BAR CHANNEL LIGHT P	60-18-16.716N 145-34-25.243W	FI W 2.5s	12	5	NR on skeleton tower.	Maintained from May 1 to Oct 1
25475 1115	Egg Island Lighted Whistle Buoy El	60-17-17.595N 145-43-12.037W	Mo (A) W		6	Red and white stripes.	
25480 1120	EGG ISLAND LIGHT E	60-21-59.094N 145-45-18.871W	FI W 6s	33	9	NR on skeleton tower.	
25485	Strawberry Channel Entrance Lighted Whistle Buoy SC	60-19-20.686N 145-59-50.198W	Mo (A) W		6	Red and white stripes.	
25490	- Buoy S	60-11-18.764N 144-57-35.199W				Red and white nun.	
25495	- Buoy K	60-11-23.871N 145-09-04.544W				Red and white nun.	
25500	- Buoy G	60-13-16.967N 145-20-28.862W				Red and white nun.	
25505	- Buoy P	60-15-56.951N 145-34-45.948W				Red and white nun.	
25510	MUMMY ISLAND LIGHT	60-27-43.705N 145-59-26.994W	FI W 4s	21	5	NR on skeleton tower.	
	CE WILLIAM SOUND (Chart 167 ce William Sound	700)					
25515 1130	SEAL ROCKS LIGHT	60-09-46.903N 146-50-17.818W	FI W 6s	48	8	NR on skeleton tower.	RACON: K ()
25520 1135	Seal Rocks Shoal Lighted Whistle Buoy 1	60-09-57.749N 146-44-53.031W	FI G 4s		4	Green.	
25525	SCHOONER ROCK LIGHT 1	60-18-22.464N 146-54-28.542W	FI G 6s	65	7	SG on spindle.	Obscured from 358° to 129°.
25530	BEAR CAPE LIGHT 2	60-23-20.778N 146-43-46.228W	FIR 6s	39	6	TR on skeleton tower.	Obscured from 209° to 011°.
25535	Johnstone Point Light	60-28-57.735N 146-36-50.717W	FI W 5s	57	14	NR on skeleton tower. 57	Obscured from 256° to 052°. Emergency light FI W 2.5s of reduced intensity, if main light is extinguished.
25540	Middle Ground Shoal Lighted Bell Buoy 2	60-32-29.288N 146-22-05.775W	FIR 6s		4	Red.	
Orca 25545	Bay GRAVINA POINT LIGHT 3	60-37-22.162N	FI G 6s	27	5	SG on skeleton	Obscured from 120° to 264°.
255 4 5 25550	HANKS ISLAND ROCK	146-15-13.337W 60-36-03.120N	FI G 6S	12	4	tower. SG on spindle.	Obscured Hollf 120 to 204 .
	LIGHT 5	145-59-27.151W		14	7	·	
25555	Channel Island Rock Lighted Buoy 7	60-36-23.939N 145-49-03.521W	FI G 2.5s			Green.	
25560	THE NARROWS LIGHT 8	60-36-10.272N 145-47-33.241W	FIR 6s	12	5	TR on skeleton tower.	Higher intensity beam toward Orca Bay.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	enth Distric	<u> </u>		
PRIN Orca	CE WILLIAM SOUND (Chart 16 Bay	5700)					
25565	- LIGHT 9	60-37-56.839N 145-45-05.421W	FI G 6s	12	5	SG on skeleton tower.	Higher intensity beam down western channel.
25570	NORTH ISLAND ROCK LIGHT 10	60-37-40.224N 145-42-43.561W	FIR 6s	14	4	TR on spindle.	
	Inlet				•		
25575	- CHANNEL LIGHT 12	60-37-31.440N 145-41-29.635W	FI R 2.5s	10	3	TR on pile.	
25580	- CHANNEL LIGHT 14	60-36-46.626N 145-41-54.913W	FIR 4s		7	TR on pile.	
25585	- CHANNEL LIGHT 15	60-36-46.044N 145-41-33.229W	FI G 4s	15	4	SG on pile.	
25590	- CHANNEL LIGHT 16	60-35-53.292N 145-42-35.659W	FI R 2.5s	10	3	TR on pile.	
25595	- CHANNEL LIGHT 18	60-34-31.993N 145-44-41.533W	FIR 4s	12	4	TR on pile.	
25600	- CHANNEL JUNCTION LIGHT OI	60-33-56.083N 145-45-40.846W	FI (2+1)R 6s	10	4	JR on spindle spindle.	
25601	CORDOVA CONTAINMENT DOCK NORTH LIGHT	60-33-07.420N 145-45-48.200W	FIR 4s	25		On pier.	Private aid.
25602	CORDOVA CONTAINMENT DOCK SOUTH LIGHT	60-33-05.650N 145-45-51.070W	FIR 4s	25		On pier.	Private aid.
25605	SPIKE ISLAND LIGHT	60-33-00.706N 145-46-14.043W	FI W 6s	35	6	NR on skeleton tower.	
25608	CORDOVA BOAT HARBOR LIGHT 1	60-32-51.258N 145-46-05.629W	FI G 4s		5	SG on spindle.	
25610	CORDOVA BOAT HARBOR LIGHT 2	60-32-48.292N 145-46-07.094W	FIR 4s	16	4	TR on skeleton tower.	
25613	MXAK Cordova ASTA	60-32-33.032N 145-45-52.139W					AIS transceiver - MMSI: 993032015
Oron	Inlet South Channel						Private aid.
Buoy	s maintained from May 1 to Oct		best passage. Route r	equires local	knowledg		due to shifting shoals.
25615	- Buoy 1	60-27-23.967N 145-59-05.877W				Green can.	
25615.1	- Buoy 2	60-27-21.870N 145-59-04.123W				Red nun.	
25615.15	- Buoy 1A	60-27-34.961N 145-58-47.883W				Green can	
25615.2	- Buoy 2A	60-27-34.644N 145-58-39.403W				Red nun.	
25615.25	- Buoy 3	60-27-59.575N 145-58-32.672W				Green can.	
25615.3	- Buoy 4	60-28-05.906N 145-58-10.262W				Red nun.	
25615.35	- Buoy 5	60-28-25.969N 145-57-23.345W				Green can.	
25615.4	- Buoy 6	60-28-21.795N 145-57-19.348W				Red nun.	
25615.45	- Buoy 7	60-28-49.986N 145-56-16.044W				Green can.	
25615.5	- Buoy 8	60-28-50.107N 145-56-10.747W				Red nun.	
25615.55	- Buoy 9	60-29-28.445N 145-55-22.379W				Green can.	
25615.6	- Buoy 10	60-29-25.686N 145-55-16.321W				Red nun.	
25615.65	- Buoy 11	60-30-01.791N 145-54-48.979W				Green can.	
25615.7	- Buoy 12	60-30-00.054N 145-54-40.843W				Red nun.	
25615.75	- Buoy 13	60-30-43.023N				Green can.	
25615.8	- Buoy 14	145-54-15.220W 60-31-00.543N				Red nun.	
		145-53-57.402W					

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	enth Distric	t		
PRINC Orca I	CE WILLIAM SOUND (Chart 167 Inlet	700)					
Orca I	nlet South Channel	D					and the state of t
-	maintained from May 1 to Oct 1 - Buoy 16	. Positioned to mark 1 60-31-45.846N 145-52-51.655W	best passage. Route r	equires loca	i knowledg	ge, extreme caution du Red nun.	ie to shifting shoals.
25615.9	- Buoy 18	60-32-52.386N 145-49-37.494W				Red nun.	
Orca I							
25620	Odiak Slough Buoys (2)	60-32-16.054N 145-45-49.149W				Red spherical.	Dry at MLLW Private aid.
25625	ODIAK PHAROS LIGHT	60-32-15.054N 145-45-48.149W	F W	26		White Octagonal tower.	Private aid.
25630	- WEST CHANNEL LIGHT 2	60-36-56.693N 145-45-41.599W	FIR 4s	30	3	TR on skeleton tower.	
25635	- West Channel Lighted Buoy 3	60-35-02.524N 145-45-01.257W	FI G 2.5s		3	Green.	
25640	West Channel Lighted Buoy4	60-34-36.972N 145-45-04.308W	FI R 2.5s		4	Red.	
25645	Knowles Head Shoal Lighted Buoy 4	60-40-41.958N 146-43-39.577W	FIR 4s		4	Red.	
25646	NOAA Data Lighted Buoy 46060	60-34-16.000N 146-47-42.000W	FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
PRINC	CE WILLIAM SOUND (Chart 167	700)					
25647	NOAA Data Lighted Buoy 46081	60-48-08.000N 148-16-59.000W	FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
Orca I		00.40.40.07014	FINA 4	20	6	NB I . I . I	01
25650	RED HEAD LIGHT	60-40-12.672N 146-30-13.999W	FI W 4s	38	6	NR on skeleton tower.	Obscured from 134° to 308°.
25655	GOOSE ISLAND LIGHT	60-42-46.943N 146-43-38.443W	FI W 6s	38	6	NR on skeleton tower.	Obscured from 151° to 313°.
25662	BLIGH REEF LIGHT	60-50-20.398N 146-53-02.354W	FI W 4s	59	9	NR on 5-pile dolphin.	RACON: B ()
25665	GLACIER ISLAND LIGHT	60-52-20.009N 147-05-31.220W	FI W 6s	38	9	NR on skeleton tower.	Obscured from 040° to 225°.
25670	BUSBY ISLAND LIGHT	60-53-43.288N 146-49-01.094W	FI W 6s (R Sector)	48	W 9 R 6	NR on skeleton tower.	Obscured from 245° to 003°. Red from 003° to 044°.
Tatitle	ek Narrows						
25673	- Rock Daybeacon	60-51-26.061N 146-40-36.520W				NR on Pile.	
25675	- Daybeacon 1	60-51-13.303N 146-41-16.131W				SG on spindle.	
25677	TATITLEK DOCK LIGHTS (4)	60-51-30.440N 146-40-32.020W	FR	18		On pier.	4 lights on pier. Private aid.
25679	Tatitlek Outfall Buoy	60-51-45.730N 146-41-18.280W				White with black lettering.	Private aid. Aid maintained by Private aid.
25680	- Daybeacon 2	60-51-48.818N 146-41-44.781W				TR on spindle.	
25685	- Daybeacon 4	60-52-06.624N 146-42-26.366W				TR on spindle.	
25690	- Daybeacon 6	60-52-26.455N 146-42-40.569W				TR on spindle.	
25695	- Daybeacon 8	60-53-34.349N 146-43-12.152W				TR on pile.	
Valde	z Δrm						
25700	- Lighted Buoy 9	60-57-09.081N 146-52-31.431W	FI G 4s		4	Green.	
25705	ROCKY POINT LIGHT 10	60-57-02.093N 146-46-06.254W	FIR 4s	38	5	TR on skeleton tower.	Obscured from 211° to 335°.

### PRINCE WILLIAM SOUND (Chart 16700) ### PR	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Valdec Name				ALASKA - Seventee	enth Distric	t		
25715 POTATO POINT LIGHT 11 61-03-22838N 140-04-147-0809 140-04-147-0809 140-04-147-0809 140-04-147-0809 140-04-148-0809			700)					
1494-159.12987 161-09-17 (1989) Fi [2] F f s 38 5 TR not skeleton Descured from 210° to 000°. 161-09-15 (1980) 161-09-15 (1980				Oc G 4s	38	5		033° and 230°. Obscured from
MIDULE ROCK LIGHT 13	25720	Valdez Narrows Buoy 11A					Green can.	
Post	25725	ENTRANCE POINT LIGHT 12		FI (2)R 5s	38	5		Obscured from 210° to 000°.
ENTRANCE ISLAND LIGHT 610-50-358M FIR 2.5s 38 5 TR on skeleton Clascured from 268° to 063° to 06	25730	MIDDLE ROCK LIGHT 13		QG	30	7	tower on concrete	
14	Port '	Valdez						
1463-4-01-048W	25735	14	146-36-48.795W				tower.	Obscured from 266° to 063°.
146-24-42-280W 146-24-17-280W 146-17-280W 146-17-280	25740	- LIGHT 15		FI G 4s	12	5		Obscured from 071° to 269°.
146-24-47.280/W 146-23-90.000W 146	25750	- Mooring Buoy BM					blue bands.	Private aid.
Lighted Mooring Buoys (9)	25752	Saw Island Mooring Buoys (4)						
25755 - BERTH 5 LIGHTS (2) 61-05-22.111N (46-24-97.280W) Q W 35	25753			FI Y 4s				boom.
146-24-01/276W 146-24-01/276W Q G	25755	- BERTH 5 LIGHTS (2)		QW	35			
16-23-37.273W	25765	- BERTH 4 LIGHTS (2)		QR	35			Private aid.
	25780	- BREAKWATER LIGHT		QG	24			Private aid.
146-22-19.000W 146-22-19.000W 146-22-19.000W 146-26-06.339W 146-26-06.339W 146-26-06.339W 146-26-06.339W 146-18-10.270W 146-18-10.270W 146-18-10.270W 146-18-10.270W 146-18-10.270W 146-18-10.270W 146-18-10.270W 146-18-10.270W 146-18-10.270W 146-28-13.636W 146-21-13.636W 146-21-19.000W 146-21-19.000W 146-21-19.000W 146-21-19.000W 146-21-19.000W 146-21-19.000W 146-21-19.000W 146-21-19.000W 146-20-37.954W 146-	25785	- BERTH 3 LIGHTS (2)		QW	35			Private aid.
25813 Solomon Gulch Mooring Buys 61-05-12-305N 146-18-10-270W Yellow cans. Mooring for oil containment boom. Private aid.	25800	- BERTH 1 LIGHTS (3)		QR	35			Private aid.
146-18-10.270W FIR 4s 22 5 TR on skeleton tower.	25805	- Coast Guard Mooring Buoy						
LIGHT 2	25813	0 ,					Yellow cans.	boom.
LIGHT 3 146-21-19.000W tower. 25821 MXAK Valdez ASTA 61-07-37.416N 146-20-37.954W Light should be considered and should be considered as a secondary of the considered and should be considered as a secondary of the conse	25815			FIR 4s	22	5		
146-20-37.954W 993032012 Private aid.	25820			FI G 4s	33	5		
146-20-35.000W 25822.2 VALDEZ SOUTH BOAT 61-07-21.023N 146-19-57.351W FI G 4s 20 5 SG on Pile. Position Approximate. 25822.3 VALDEZ SOUTH BOAT 61-07-20.974N 146-19-54.202W FI R 4s 20 5 TR on pile. Position Approximate. Position Approximate. 25822.4 VALDEZ SOUTH BOAT 146-19-54.202W FI G 2.5s 34 5 SG on spindle. Position Approximate. Position Approximate. 25822.4 VALDEZ SOUTH BOAT 146-19-56.213W FI G 2.5s 34 5 SG on spindle. Position Approximate. Position Approximate. 25822.6 VALDEZ SOUTH BOAT 146-19-56.213W FI R 2.5s 34 5 TR on spindle. Position Approximate. Position Approximate. 25822.6 VALDEZ SOUTH BOAT 146-19-51.688W FI R 2.5s 34 5 TR on spindle. Position Approximate. 25823 Valdez Security Zone Lighted 61-06-00.044N 146-25-41.976W FI Y 2.5s 4 Yellow pillar. Private aid. Private ai	25821	MXAK Valdez ASTA						993032012
HARBOR ENTRANCE CHANNEL LT 1 146-19-57.351W	25822	- SERVS DOCK LIGHTS (2)		FR	13		On dolphins.	Private aid.
HARBOR ENTRANCE CHANNEL LT 2	25822.2	HARBOR ENTRANCE		FI G 4s	20	5	SG on Pile.	Position Approximate.
HARBOR ENTRANCE CHANNEL LT 3 25822.6 VALDEZ SOUTH BOAT HARBOR ENTRANCE CHANNEL LT 4 25823 Valdez Security Zone Lighted Buoy A 25823.1 Valdez Security Zone 61-05-03.600N Daybeacon A 25824 Valdez Security Zone Lighted 61-06-00.016N FI Y 2.5s 4 Yellow pillar. NY on post. Private aid. Yellow pillar.	25822.3	HARBOR ENTRANCE		FIR 4s	20	5	TR on pile.	Position Approximate.
HARBOR ENTRANCE CHANNEL LT 4 146-19-51.688W	25822.4	HARBOR ENTRANCE		FI G 2.5s	34	5	SG on spindle.	Position Approximate.
Buoy A 146-25-41.976W 25823.1 Valdez Security Zone Daybeacon A 61-05-03.600N 146-25-42.000W NY on post. Private aid. 25824 Valdez Security Zone Lighted 61-06-00.016N FI Y 2.5s 4 Yellow pillar.	25822.6	HARBOR ENTRANCE		FI R 2.5s	34	5	TR on spindle.	Postion Approximate.
Daybeacon A 146-25-42.000W 25824 <i>Valdez Security Zone Lighted</i> 61-06-00.016N FI Y 2.5s 4 Yellow pillar.	25823			FI Y 2.5s		4	Yellow pillar.	
	25823.1						NY on post.	Private aid.
	25824			FI Y 2.5s		4	Yellow pillar.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
110.	Ivame and Location	i osinoii				Giruciale	remans
PRING	CE WILLIAM SOUND (Chart 167	700)	ALASKA - Sevente	enth Distric	<u> </u>		
Port \ 25824.1	/aldez Valdez Security Zone Daybeacon B	61-05-06.000N 146-21-30.000W				NY on post.	Private aid.
25825	VALDEZ CONTAINER TERMINAL LIGHTS	61-07-20.230N 146-18-30.520W	FG	16			Private aid.
Naked	d Island						
25826	- Lighted Mooring Buoy A	60-40-19.731N 147-21-08.444W	FI W 2.5s			White with blue band.	Private aid.
25827	MXAK Naked Island ASTA	60-38-44.998N 147-20-34.018W					AIS transceiver. MMSI: 993032050 Private aid.
25828	- Lighted Mooring Buoy C	60-38-34.797N 147-27-50.150W	FI W 2.5s			White with blue band.	Private aid.
	CE WILLIAM SOUND (Chart 167	•				_	
25830	Smith Island Lighted Buoy 1	60-32-01.374N 147-17-15.094W	FI G 2.5s		4	Green.	
25835	Pennsylvania Rock Buoy 2	60-26-43.212N 147-24-08.927W				Red nun.	
25840	SEAL ISLAND LIGHT	60-25-46.907N 147-24-56.223W	FI W 4s	45	6	NR on skeleton tower.	Obscured from 273° to 032°.
25845	APPLEGATE SHOALS LIGHT	60-21-18.686N 147-23-33.939W	FI W 2.5s	24	6	NR on spindle.	
25850	POINT ELEANOR LIGHT	60-34-50.733N 147-33-47.352W	FI W 6s	45	6	NR on skeleton tower.	Obscured from 301° to 091°.
25855	Lone Island Shoal Lighted Bell Buoy 2	60-38-13.653N 147-47-16.410W	FIR 4s		4	Red.	
25860	PERRY ISLAND LIGHT	60-39-17.003N 147-55-57.379W	FI W 6s	35	6	NR on skeleton tower.	Obscured from 126° to 266°.
25865	CULROSS ISLAND LIGHT	60-44-50.258N 148-06-48.808W	FI W 4s	40	6	NR on skeleton tower.	Obscured from 334° to 128°.
25868	Lake Bay Mooring Buoys (4)	60-47-44.048N 148-04-03.023W				Yellow cans.	Mooring for oil containment boom. Private aid.
25870	POINT ESTHER LIGHT	60-47-07.729N 148-06-01.412W	FI W 6s	31	6	NR on skeleton tower.	Obscured from 108° to 276°.
	age Canal	60 49 02 026N	ELW 60	25	7	ND on alcalaton	Observed from 100° to 247°
25875	POINT PIGOT LIGHT	60-48-02.926N 148-21-25.574W	FI W 6s	25	,	NR on skeleton tower.	Obscured from 100° to 247°.
25877	MXAK Point Pigot ASTA	60-49-04.188N 148-22-44.601W					AIS transceiver. MMSI: 993032052 Private aid.
25880	DECISION POINT LIGHT	60-48-21.513N 148-27-20.540W	FI W 4s	35	6	NR on skeleton tower.	Obscured from 315° to 105°.
25885	TRINITY POINT LIGHT	60-48-23.328N 148-34-05.744W	FI W 6s	39	6	NR on skeleton tower.	Obscured from 262° to 079°.
25890	MXAK Whittier ASTA	60-46-28.110N 148-40-43.550W					AIS transceiver - MMSI: 993032021 Private aid.
25893	WHITTIER PASSENGER DOCK LIGHTS (2)	60-46-40.935N 148-41-42.666W	FIR 6s	3		On dock.	Private aid.
25900	WHITTIER BREAKWATER LIGHT 1	60-46-41.080N 148-41-34.765W	FI G 4s	12	4	SG on skeleton tower on floating breakwater.	Obscured from 233° to 078°.
25902	WHITTIER CRUISE SHIP DOCK EAST LIGHT	60-46-43.750N 148-41-44.580W	QW	20		On dolphin.	Private aid.
25903	WHITTIER CRUISE SHIP DOCK WEST LIGHT	60-46-42.020N 148-42-05.560W	QW	20		On dolphin.	Private aid.
Port N	Nellie Juan						
25905	- LIGHT	60-35-51.767N 148-06-07.585W	FI W 2.5s	23	5	NR on skeleton tower.	Obscured from 280° to 070°.
25907	Main Bay Mooring Buoys (6)	60-32-05.350N 148-05-03.920W				Yellow cans.	Mooring for oil containment boom. Private aid.
Knigh 25910	nt Island Passage CRAFTON ISLAND LIGHT	60-30-42.016N 147-56-04.081W	FI W 4s	70	6	NR on skeleton tower.	Obscured from 328° to 146°.

147-55-04-278W	(8) Remarks	(7) Structure	(6) Range	(5) Height	(4) Characteristic	(3) Position	(2) Name and Location	(1) No.
New Year IsLaND LIGHT				nth District	ALASKA - Seventee	00)	OF MILLIAM COUNTY (Obert 407	DDING
147-55-04-278W						00)	•	
148-00-37-698W	bscured from 193° to 316°.			23	FI W 6s		NEW YEAR ISLAND LIGHT	25915
147-45-58,962W	oscured from 343° to 131°.			30	FI W 4s		PLEIADES LIGHT	25920
25936 - Daybeacon 1	oscured from 082° to 228°.			35	FI W 6s		POINT HELEN LIGHT	25925
148-01-24 929W TR on steel pile. Tide Priv.							nill Bay	Sawm
148-00-31 332W		SG on spindle.					- Daybeacon 1	25930
148-00-28.840W 148-00-38.940W 148-00-38.940W 148-00-32.540W 148-	de Gauge. ivate aid.	TR on steel pile.					Crab Bay Daybeacon 2	25935
148-00-32_540W 148-00-32_540W 25937 - Mooring Buoys (13) 60-03-13_690N 148-01-59_270W 148-01-59_270W 25945 - LIGHT 3 60-03-12_863N FI G 4s 14 5 SG on skeleton Lower. 148-02-12_911W SG on spindle. 25950 - Daybeacon 5 60-03-02_99N 148-03-14_249W SG on spindle. 25950 - Daybeacon 5 60-03-02_99N 148-03-14_249W SG on spindle. 25950 - LIGHT 60-02_46_152N FI W 6s 25 6 NR on skeleton Lower. 25950	ivate aid.	On pier.		23	FIR 6s		- DOCK EAST LIGHT	:5936
148-01-59.270W	ivate aid.	On pier.		23	FIR 6s		- DOCK WEST LIGHT	25936.5
148-02-12-911W tower.	ooring for oil containment oom. rivate aid.	Yellow cans.					- Mooring Buoys (13)	25937
148-03-14.249W	oscured from 293° to 062°.			14	FI G 4s		- LIGHT 3	25945
25965 - LIGHT 60-02-46.152N FI W 6s 25 6 NR on skeleton Obs tower.		SG on spindle.					- Daybeacon 5	25950
EVANS ISLAND LIGHT							nton Passage	Elring
148-07-28.361W tower.	oscured from 061° to 270°.		6	25	FI W 6s			_
148-12-00.390W tower.	bscured from 084° to 249°.			20	FI W 2.5s		EVANS ISLAND LIGHT	25970
Mooring Buoy	bscured from 280° to 063°.			30	FI W 4s		LONETREE POINT LIGHT	25975
Montague Strait MXAK Latouche Mountain 59-59-00.834N 147-54-32.637W								25977
MXAK Latouche Mountain	bscured from 198° to 354°.			30	FI W 6s		POINT ELRINGTON LIGHT	5980
MXAK Latouche Mountain							ague Strait	Monta
### POINT ELRINGTON TO EAST CHUGACH ISLAND (Chart 16680) Resurrection Bay ### 15985 RUGGED ISLAND LIGHT	S transceiver. MSI: 993032051 ivate aid.							5981
Resurrection Bay 25985 RUGGED ISLAND LIGHT 59-50-17.687N FI W 6s 438 7 NR on skeleton tower. Obs from 25995 CAINES HEAD LIGHT 59-58-59.298N FI W 4s 35 6 NR on spindle. Obs 149-23-16.173W 26000 THUMB COVE LIGHT 60-00-25.117N FI W 6s 42 6 NR on spindle. Obs 149-20-02.445W 26001 Thumb Cove Coast Guard Mooring Buoy 60-00-37.949N White with blue band. White with blue band. 26002 Thumb Cove Fish Pen Warning Daybeacons 60-00-15.969N Privalence of the control	id maintained by National ceanic and Atmospheric dministration.				FI (4)Y 20s			25982
RUGGED ISLAND LIGHT 59-50-17.687N FI W 6s 438 7 NR on skeleton Obs from 149-22-26.383W FI W 6s 438 7 NR on skeleton Obs from 149-22-26.383W FI W 4s 35 6 NR on spindle. Obs 149-23-16.173W FI W 6s 42 6 NR on spindle. Obs 149-20-02.445W White with blue band. White with blue band. Privalence of the property of the privalence of the prival					16680)	ACH ISLAND (Chart	T ELRINGTON TO EAST CHUGA	POINT
149-23-16.173W 26000 THUMB COVE LIGHT 60-00-25.117N FI W 6s 42 6 NR on spindle. Obs 149-20-02.445W 26001 Thumb Cove Coast Guard 60-00-37.949N White with blue band. 26002 Thumb Cove Fish Pen 60-00-15.969N Warning Daybeacons 149-21-01.697W 26005 4TH OF JULY CHANNEL LT 60-05-18.900N FI G 15s 17 SG on pile. Privalence of the privalenc	bscured from 059° to 111° aom 114° to 221°.		7	438	FI W 6s			25985
26000 THUMB COVE LIGHT 60-00-25.117N FI W 6s 42 6 NR on spindle. Obs 149-20-02.445W 26001 Thumb Cove Coast Guard 60-00-37.949N White with blue band. 26002 Thumb Cove Fish Pen 60-00-15.969N Warning Daybeacons 149-21-01.697W 26005 4TH OF JULY CHANNEL LT 60-05-18.900N FI G 15s 17 SG on pile. Priva	oscured from 043° to 214°.	NR on spindle.	6	35	FI W 4s		CAINES HEAD LIGHT	25995
26001 Thumb Cove Coast Guard Mooring Buoy 60-00-37.949N 149-17-43.706W White with blue band. 26002 Thumb Cove Fish Pen Warning Daybeacons 60-00-15.969N 149-21-01.697W Privalence 26005 4TH OF JULY CHANNEL LT 60-05-18.900N FI G 15s 17 SG on pile. Privalence	bscured from 108° to 249°.	NR on spindle.	6	42	FI W 6s	60-00-25.117N	THUMB COVE LIGHT	26000
26002 Thumb Cove Fish Pen 60-00-15.969N Priva Warning Daybeacons 149-21-01.697W 26005 4TH OF JULY CHANNEL LT 60-05-18.900N FI G 15s 17 SG on pile. Priva						60-00-37.949N		26001
26005 4TH OF JULY CHANNEL LT 60-05-18.900N FI G 15s 17 SG on pile. Priva	ivate aid.					60-00-15.969N	Thumb Cove Fish Pen	26002
1 1 = 1. 1 = 1 1 =	ivate aid.	SG on pile.		17	FI G 15s	60-05-18.900N	4TH OF JULY CHANNEL LT	6005
6005.1 4TH OF JULY BREAKWATER 60-05-16.190N FI (2)R 15s 27 TR on Spindle. Priva LT 2 149-21-34.560W	ivate aid.	TR on Spindle.		27	FI (2)R 15s	60-05-16.190N		6005.1
100 = 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ivate aid.	SG on Pile.				60-05-19.900N		6005.2
	ivate aid.	SG on pile.				60-05-18.600N	4th of July Channel DBN 5	6005.3
	ivate aid.	SG on spindle.				60-05-15.840N	4th of July Channel DBN 7	6005.4

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
POIN	IT ELRINGTON TO EAST CHUG	ACH ISLAND (Chart	ALASKA - Sevente	enth Distric	i		
Resu	rrection Bay	Arton IOLAND (Gildin	•				
26007	SEWARD FOREST PRODUCTS DOCK LIGHTS (2)	60-05-44.979N 149-21-33.715W	FI R 2.5s	20		On dolphins.	Private aid.
26010	SEWARD MARINE DOCK LIGHT	60-05-57.000N 149-26-25.000W	FR	18		On end of dock.	Private aid.
26015	SEWARD BOAT HARBOR LIGHT 1	60-06-49.259N 149-26-01.781W	FI G 2.5s	12	5	SG on pile.	
26020	SEWARD EAST BREAKWATER LIGHT 2	60-06-54.058N 149-25-58.451W	FIR 4s	16	5	TR on skeleton tower.	
26025	SEWARD WEST BREAKWATER LIGHT 3	60-06-55.763N 149-26-03.217W	FI G 4s	16	5	SG on skeleton tower.	
26028	MXAK Seward ASTA	60-06-56.081N 149-26-03.170W					AIS transceiver - MMSI: 993032017 Private aid.
26030	Railroad Pier Lighted Buoy 2	60-06-52.730N 149-25-26.178W	FI R 2.5s		4	Red.	
26040	SEWARD COAL DOLPHIN LIGHT	60-06-52.188N 149-25-38.994W	FI G 6s	10		On pile dolphin.	Private aid.
26043	SEWARD CARGO DOCK MOORING DOLPHIN LIGHT	60-07-00.610N 149-25-37.860W	FIR 6s	24		On dolphin.	Private aid.
26045	ALASKA RAILROAD DOCK WEST LIGHT	60-07-04.640N 149-25-40.290W	FR	31		On post on dock.	Private aid.
26050	ALASKA RAILROAD DOCK EAST LIGHT	60-07-04.770N 149-25-38.670W	FR	31		On post on dock.	Private aid.
26051	SEWARD CARGO DOCK LT	60-07-05.774N 149-25-29.270W	QR	24			Private aid.
26052	Seward Sediment Control Groin North Daybeacon	60-07-03.420N 149-25-22.850W				NW on pile.	Private aid.
26053	Seward Sediment Control Groin South Daybeacon	60-06-57.590N 149-25-17.500W				NW on pile.	Private aid.
McA i 26055	rthur Pass - LIGHT	59-27-47.422N 150-20-12.143W	FI W 4s	45	6	NR on skeleton tower.	Obscured from 074° to 256°.
Cook Oil w	K INLET (Southern Part) (Chart c Inlet rell structures exist in Cook Inlet fi		ne mouth of the Beluga	a River. Son	ne buoys i	may be located outsi	de of the wire dragged
<i>area.</i> 26065 1155	EAST CHUGACH LIGHT	59-06-22.671N 151-26-37.173W	FI W 6s	325	7	NR on skeleton tower.	Obscured from 118° to 227°.
26070	PERL ISLAND LIGHT 1	59-07-04.153N 151-38-24.463W	FI G 2.5s	80	5	SG on skeleton tower.	Obscured from 311° to 117°.
26075	Chugach Passage Lighted Buoy 2	59-08-59.956N 151-45-23.817W	FI R 2.5s		4	Red.	
26080	Chugach Passage Lighted Buoy 3	59-10-55.552N 151-47-37.716W	FI G 4s		4	Green.	
26085	PORT CHATHAM ENTRANCE LIGHT	59-12-32.893N 151-46-34.213W	FI W 2.5s	40	6	NR on skeleton tower.	
26090	Port Chatham Junction Buoy PC	59-12-46.155N 151-46-34.813W				Green and red bands; can.	
26091	Port Chatham CG Mooring Buoy	59-12-59.796N 151-44-00.286W				White with blue stripe.	
26095	PERL ROCK LIGHT	59-05-23.889N 151-41-40.808W	FI W 4s	66	8	NR on spindle.	
26100 1160	EAST AMATULI ISLAND LIGHT	58-54-56.594N 151-57-07.909W	FI W 6s	120	8	NR on skeleton tower.	Obscured from 076° to 147°.
26105	CAPE ELIZABETH LIGHT	59-08-47.350N 151-52-36.516W	FI W 6s	48	9	NR on skeleton tower.	
26110	FLAT ISLAND LIGHT	59-19-51.491N 151-59-41.717W	FI W 4s	70	8	NR on skeleton tower.	
Port	Graham						
26115	- Entrance Shoal Buoy 1	59-22-43.517N 151-54-16.443W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
coo	K INLET (Southern Part) (Chart	16640)	ALASKA - Sevente	enth Distric	t		
Port	Graham	,					
26125	- Buoy 3	59-22-22.046N 151-52-38.162W				Green can.	
26130	- Daybeacon 4	59-22-06.596N 151-52-24.464W				TR on pile.	
26135	North Spit Daybeacon 5	59-21-47.114N 151-51-36.632W				SG on pile.	
26140	- Daybeacon 6	59-21-21.876N 151-50-14.016W				TR on pile.	
26143	MXAK Dangerous Cape ASTA	59-23-19.421N 151-50-10.799W					AIS transceiver. MMSI: 993032056 Private aid.
26145	POINT POGIBSHI LIGHT	59-25-27.950N 151-53-12.981W	FI W 2.5s	94	6	NR on skeleton tower.	
	ovia Bay	50 07 07 COEN	FLV4 C-	0.4	7	ND an anall	Ohannad fram 2000 to 2000 and
26150	- ENTRANCE LIGHT	59-27-07.695N 151-43-15.896W	FI W 6s	64	,	NR on small house.	Obscured from 202° to 080° and from 088° to 098°.
26155	- Lighted Buoy 1	59-26-51.123N 151-43-26.065W	FI G 2.5s		4	Green.	
26160	- Lighted Buoy 2	59-26-45.395N 151-43-28.076W	FIR 4s			Red.	
26165	- LIGHT 3	59-26-32.619N 151-43-17.052W	FI G 4s	45	4	SG on small house.	
26170	SELDOVIA DOCK LIGHTS (2)	59-26-30.000N 151-43-06.000W	FR	15		Pole.	Private aid.
26175	- Buoy 4	59-26-24.153N 151-43-30.474W				Red.	
26180	SELDOVIA BREAKWATER LIGHT 5	59-26-17.226N 151-43-08.280W	FI G 2.5s	22	3	SG on skeleton tower.	
	nemak Bay						
26185	Tutka Bay Buoy 2	59-29-31.406N 151-33-09.157W				Red nun.	
26190	SIXTY FOOT ROCK LIGHT	59-33-01.121N 151-28-02.579W	FI W 4s	79	8	NR on skeleton tower.	
26195	Archimandritof Shoal Lighted Buoy 1	59-35-29.800N 151-26-10.703W	FI G 2.5s		3	Green.	
26200	HOMER SPIT LIGHT 3	59-36-01.268N 151-24-35.005W	FI G 6s	34	5	On tower on top of hotel roof.	Obscured from 040° to 060°.
26201	HOMER PIONEER SOUTH DOLPHIN LIGHT	59-36-05.590N 151-24-29.810W	FIR 4s	32		On dolphin.	Private aid.
26202	HOMER PIONEER MIDDLE DOLPHIN LIGHT	59-36-06.800N 151-24-30.300W	FIR 4s	32		On dolphin.	Private aid.
26203	HOMER PIONEER NORTH DOLPHIN LIGHT	59-36-07.490N 151-24-31.830W	FIR 4s	32		On dolphin.	Private aid.
26204	HOMER PIONEER DOCK SOUTH LIGHT	59-36-08.200N 151-24-33.380W	FR	32		On dock.	Private aid.
26205	HOMER PIONEER DOCK NORTH LIGHT	59-36-11.100N 151-24-39.580W	FR	32		On dock.	Private aid.
26210	HOMER BREAKWATER LIGHT 2	59-36-14.262N 151-24-53.514W	QR	20	4	TR on skeleton tower.	
26213	MXAK Homer ASTA	59-36-07.416N 151-25-02.770W					AIS transceiver - MMSI: 993032002 Private aid.
26216	Homer Deepwater South Lighted Mooring Buoy	59-36-14.920N 151-24-49.440W	FI W 6s			White with blue band.	Private aid.
26216.5	HOMER DEEPWATER SOUTH DOLPHIN LIGHT	59-36-18.000N 151-24-50.010W	FIR 6s	12		On dolphin.	Private aid.
26217	HOMER DEEPWATER DOCK SOUTH LIGHT	59-36-20.910N 151-24-51.170W	FR	30		On dock.	Private aid.
26220	HOMER DEEPWATER DOCK NORTH LIGHT	59-36-24.240N 151-24-52.230W	FR	30		On dock.	Private aid.
26223	HOMER DEEPWATER NORTH DOLPHIN LIGHT	59-36-25.990N 151-24-53.050W	FIR 4s	30		On dolphin.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
coo	OK INLET (Southern Part) (Chart	16640)	ALASKA - Sevente	enth Distric	t		
	nemak Bay Homer Deepwater North	59-36-28.590N	FI W 6s			White with blue	Private aid.
26225	Lighted Mooring Buoy GULL ISLAND LIGHT 4	151-24-55.360W 59-35-04.613N	FIR 4s	94	4	band. TR on skeleton	
26227	WEST ISMAILOF ISLAND	151-19-45.830W 59-35-49.800N	FI W 6s	60		tower. On skeleton tower.	Private aid.
26230	LIGHT HALIBUT COVE LIGHT 2	151-15-00.000W 59-36-00.959N	FIR 6s	70	4	TR on small house.	Obscured from 024° to 119°.
26245	Halibut Point Daybeacon	151-12-52.847W 59-35-46.038N 151-12-36.336W				NR on spindle.	
26250	ANCHOR POINT LIGHT	59-46-08.910N 151-52-01.231W	FI W 6s	41	8	NR on skeleton tower.	Obscured 174° to 346.5°.
26253	AOOS Data Lighted Buoy 204	59-35-50.336N 151-49-44.967W	FI (5)Y 20s			3 foot diameter yellow sphere shaped buoy.	Aid maintained by the Alaska Ocean Observing System. Aid maintained by National Oceanic and Atmospheric Administration.
26255	NINILCHIK CHANNEL ENTRANCE LIGHT	60-03-16.934N 151-39-53.398W	FI W 4s	25	5	NR on pile.	Use only with local knowledge.
26260	Ninilchik Rock Sill North Daybeacon	60-03-16.038N 151-39-52.124W				NW on spindle worded DANGER SUBMERGED ROCK SILL.	Use only with local knowledge.
26265	Ninilchik Rock Sill South Daybeacon	60-03-16.598N 151-39-56.290W				NW on pile worded DANGER SUBMERGED ROCK SILL 66 YARDS.	Use only with local Knowledge.
26270	Lower Cook Inlet Junction Lighted Bell Buoy CI	60-04-41.449N 152-09-50.811W	FI (2+1)G 6s		6	Green and red bands.	Maintained from May 1 to Nov. 1.
26275	CHISIK ISLAND LIGHT	60-05-45.259N 152-33-41.733W	FI W 4s	215	8	NR on skeleton tower.	
	OK INLET (Northern Part) (Chart	16660)					
26280	KALGIN ISLAND SOUTH LIGHT	60-20-40.306N 152-05-05.644W	FI W 2.5s	65	6	NR on skeleton tower.	
26285	HARRIET POINT LIGHT	60-23-44.608N 152-14-15.092W	FI W 6s	95	8	NR on skeleton tower.	Higher intensity beam up and down channel.
26295	DRIFT RIVER TERMINAL LIGHTS (2)	60-33-15.000N 152-08-04.000W	FR	50		On mooring dolphins.	Horn: 1 blast every 20 sec (2s bl) Private aid.
26300	KALGIN ISLAND LIGHT	60-29-05.678N 151-50-17.315W	FI W 4s	140	7	NR on skeleton tower.	Obscured from 022° to 162°.
26305	Kasilof Entrance Channel Lighted Buoy 1	60-23-21.878N 151-23-38.059W	FI G 2.5s		4	Green.	Maintained from May 1 to Nov. 1.
26310	KASILOF RIVER CHANNEL LIGHT	60-23-14.519N 151-18-54.028W	Iso W 6s	30	6	NR on skeleton tower.	Maintained from May 1 to Nov. 1.
26315	Kasilof Entrance Channel Buoy 2	/ 60-23-16.288N 151-19-37.630W				Red nun.	Maintained from May 1 to Nov 1
26315.1	Kasilof Entrance Channel Buoy 3	/ 60-23-17.373N 151-19-23.513W				Green can.	Maintained from May 1 to Nov 1
26315.2	Kasilof Entrance Channel Buoy 4	/ 60-23-15.002N 151-19-10.966W				Red nun.	Maintained from May 1 to Nov 1
26315.3	Kasilof Entrance Channel Buoy 5	/ 60-23-16.920N 151-19-12.051W				Green can.	Maintained from May 1 to Nov 1
26315.4	Kasilof Entrance Channel Buoy 6	/ 60-23-17.548N 151-18-53.220W				Red nun.	Maintained from May 1 to Nov 1
26315.5	Kasilof Entrance Channel Buoy 7	/ 60-23-18.175N 151-18-54.495W				Green can.	Maintained from May 1 to Nov 1
26315.6	Kasilof Entrance Channel Buoy 8	/ 60-23-29.269N 151-18-39.845W				Red nun.	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
	(INLET (Northern Part) (Chart	16660)	ALASKA - Sevente	enth Distric	t		
Cook 26315.65	Inlet Kasilof Entrance Channel Buoy 9	/ 60-23-31.889N 151-18-39.616W				Green can.	Maintained from May 1 to Nov 1
26315.7	Kasilof Entrance Channel Buoy					Red nun.	Maintained from May 1 to Nov 1
26315.8	Kasilof Entrance Channel Buoy					Green can.	Maintained from May 1 to Nov 1
26315.9	Kasilof Entrance Channel Buoy					Green can.	Maintained from May 1 to Nov 1
26320	Kenai Entrance Channel Lighted Buoy 1KE	60-31-16.069N 151-20-50.662W	FI G 4s		5	Green.	Maintained from May 1 to Nov. 1.
26323	MXAK Kenai ASTA	60-33-05.983N 151-16-24.596W					AIS transceiver - MMSI: 993032013 Private aid.
26325	KENAI RIVER LIGHT 3	60-33-00.328N 151-15-44.624W	FI G 2.5s	20	4	SG on 3-pile dolphin.	ato ato.
26330	NIKISKI SECTOR LIGHT	60-38-10.740N 151-20-58.962W	FRWG	127	W 10 G 10 R 10	NR on pile.	Red sector from 028.25° to 029.25°. White sector from 029.25° to 030.75°. Green sector from 030.75° to 031.75°. Lighted throughout 24 hours.
26335	COLLIER PIER LIGHTS (2) UNOCAL	60-40-18.000N 151-23-12.000W	QR	23		On dolphins.	Private aid.
26340	PHILLIPS LNG DOCK LIGHTS (2)	60-40-39.971N 151-23-50.059W	QR	40		On pier.	Private aid.
26345	KENAI PIPELINE COMPANY DOCK LIGHTS (2)	60-40-51.971N 151-23-50.059W	FR	35		On dolphins.	Private aid.
26355	EAST FORELAND LIGHT	60-43-09.818N 151-24-26.678W	FI W 6s	294	9	NR on skeleton tower.	Obscured from 208° to 010°.
26360	East Foreland Buoy 2	60-42-21.968N 151-30-38.167W				Red nun.	Maintained from May 1 to Nov. 1.
26361	BAKER OIL PLATFORM LIGHT	60-49-42.900N 151-29-09.240W	QW	65		(4) lights on Chevron Oil Platform.	HORN: 1 blast ev 20s (2s bl). Operates continuosly. Private aid.
26361.1	MIDDLE GROUND SHOAL OIL PLATFORM LIGHT "C"	60-45-50.365N 151-30-07.326W	QW	60		(4) lights on Shell Oil Platform	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26361.11	MARATHON SPARK OIL PLATFORM LIGHT	60-55-42.118N 151-31-50.634W	QW	64		(3) lights on Marathon Oil Platform	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26361.12	GRANITE POINT OIL PLATFORM LIGHT "NO. 1"	60-57-27.000N 151-20-00.000W	QW	77		(4) lights on Unocal Oil Platform	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26361.13	GRANITE POINT OIL PLATFORM LIGHT "ANNA"	60-58-36.000N 151-18-54.000W	QW	92		(4) lights on Unocal Oil Platform	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26361.14	GRANITE POINT OIL PLATFORM LIGHT "BRUCE"	60-59-54.000N 151-18-00.000W	QW	92		(4) lights on Unocal Oil Platform	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26361.15	OSPREY OIL PLATFORM LIGHT	60-41-42.240N 151-40-23.400W	QW	23		(4) lights on Forest Oil Platform	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26361.2	MIDDLE GROUND SHOAL OIL PLATFORM LIGHT "A"	60-47-44.290N 151-29-57.360W	QW	65		(4) lights on Shell Oil Platform	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26361.3	DOLLY VARDEN OIL PLATFORM LIGHT	60-48-27.000N 151-37-59.000W	QW	59		(4) lights on Marathon Oil Platform	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26361.4	STEELHEAD OIL PLATFORM LIGHT	60-49-53.950N 151-36-07.900W	QW	65		(4) lights on Marathon Oil Platform	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26361.5	DILLON OIL PLATFORM LIGHT	60-44-07.340N 151-30-42.610W	QW	65		(4) lights on Chevron Oil Platform.	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	enth District	i		
COO	K INLET (Northern Part) (Chart	16660)					
26361.6	GRAYLING OIL PLATFORM LIGHT	60-50-23.070N 151-36-47.012W	QW	60		(4) lights on Unocal Oil Platform	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26361.7	KING SALMON OIL PLATFORM LIGHT	60-51-54.851N 151-36-20.966W	QW	57		(4) lights on Arco Oil Platform	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26361.8	MONOPOD OIL PLATFORM LIGHT	60-53-48.540N 151-34-45.470W	QW	32		(4) lights on Unocal Oil Platform	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26361.9	MARATHON SPURR OIL PLATFORM LIGHT	60-55-10.000N 151-33-26.000W	QW	45		(3) lights on Marathon Oil Platform	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26364	- Response Mooring Buoy	60-45-42.000N 151-17-00.000W				White with blue band.	Private aid.
26365	NORTH FORELANDS DOCK LIGHTS (2)	61-02-34.076N 151-09-47.712W	FI W 2.5s	13		On pier.	Private aid.
26366	NORTH COOK INLET OIL PLATFORM LIGHT "PHILLIPS-A"	61-04-34.000N 150-57-00.000W	Q W	65		(4) lights on Phillips Oil Platform	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26367	Middle Ground Shoal Lighted Buoy 3	60-54-24.021N 151-17-36.266W	FI G 4s		4	Green.	Maintained from May 1 to Nov. 1.
26378	SUSITNA FLATS LIGHT	61-15-10.000N 150-29-17.000W	FI W 4s	19	9	On skeleton tower.	RACON: K ()
26384	- Lighted Bell Buoy 6	61-08-59.699N 150-20-01.418W	FI R 2.5s			Red.	Maintained from May 1 to Nov. 1.
26390	WEST POINT LIGHT	61-07-33.728N 150-16-55.970W	FI W 6s	30	7	NR on skeleton tower.	
26405	RACE POINT LIGHT	61-10-02.613N 150-13-30.272W	FI W 2.5s	170	7	NR on skeleton tower.	Obscured from 235° to 038°.
26410	FIRE ISLAND RANGE FRONT LIGHT	61-10-20.631N 150-11-59.623W	QW	83		KRB on multi-pile structure.	Visible 4° each side of rangeline.
26415	FIRE ISLAND RANGE REAR LIGHT 510 yards, 242.0° from front light.	61-10-13.557N 150-12-27.166W	Iso W 6s	124		KRB on multi-pile structure.	Visible 4° each side of rangeline.
26420	Knik Arm Shoal Lighted Buoy	7 61-12-13.013N 150-05-23.089W	QG		4	Green.	Maintained from May 1 to Nov. 1.
26430	- VAIS 9	61-12-33.597N 150-04-06.092W					AIS: MMSI 993692214
26435	POINT WORONZOF RANGE FRONT LIGHT	61-12-06.328N 150-01-22.971W	Oc G 4s	52		KRW on pile.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
26440	POINT WORONZOF RANGE REAR LIGHT 278 yards, 079.0° from front light.	150-01-06.288W	FG	140		KRW on multi-pile structure.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
26445	PCT DANGER RFL	61-13-59.297N 149-53-46.039W	QG	59		KRW on dolphin.	Range marks danger bearing. Mariners are cautioned to not transit South of Rangeline on approach/departure from pier. Private aid.
26446	PCT DANGER RRL 182 yards 065.8° from front light.	61-14-01.510N 149-53-35.820W	QG	74		KRW on light pole.	Range marks danger bearing. Mariners are cautioned to not transit South of Rangeline on approach/departure from pier. Private aid.
26448	- VAIS 11	61-14-07.197N 149-56-12.692W					AIS: MMSI 993692215
26449	MXAK Anchorage ASTA	61-14-19.820N 149-53-20.814W					AIS transceiver - MMSI: 993032003 Private aid.
26450	PORT MACKENZIE SOUTH DOLPHIN LIGHT	61-16-01.260N 149-54-52.780W	QY	49		On dolphin.	Private aid.
26455	PORT MACKENZIE NORTH DOLPHIN LIGHT	61-16-13.090N 149-54-52.640W	QY	49		On dolphin.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente				. toma.ne
	IAK ISLAND (Chart 16580)		ALAGNA - Sevente	entii Distric			
Marn 26460 1170	not Strait TONKI CAPE LIGHT	58-21-08.877N 151-59-11.658W	FI W 4s	75	8	NR on skeleton tower.	
	not Bay				_		
26463	OUZINKIE BREAKWATER LIGHT 2	57-55-15.461N 152-29-47.123W	FIR 6s	23	5	TR on spindle on breakwater.	
26465	PROKODA ISLAND LIGHT 2	57-54-38.101N 152-30-22.636W	FIR 4s	40	5	TR on small house.	Obscured from 148° to 274°.
26470	Ouzinkie Narrows Daybeacon 4	57-54-41.017N 152-30-47.460W				TR on spindle.	
26475	Entrance Point Shoal Lighted Buoy 5	57-54-48.250N 152-31-40.136W	FI G 2.5s		3	Green.	
26480	Three Brothers Reef Buoy 6	57-55-07.976N 152-32-44.393W				Red nun.	
26485	Low Island Reef Buoy 7	57-55-01.351N 152-32-55.943W				Green can.	
26490	THREE BROTHERS LIGHT 8	57-55-26.158N 152-33-13.760W	FIR 4s	32	5	TR on skeleton tower on concrete caisson.	
26495	SHAKMANOF POINT LIGHT	57-55-30.506N 152-35-16.185W	FI W 6s	60	6	NR on skeleton tower.	
Afog	nak Bay						
26500	Skipwith Reefs Buoy 2	58-00-39.388N 152-39-19.968W				Red nun.	
26505	HOG ISLAND LIGHT	58-00-06.812N 152-41-10.587W	FI W 4s	40	6	NR on skeleton tower.	Obscured from 110° to 190°.
Wha	le Passage						
26510	ILKOGNAK ROCK LIGHT	57-54-49.079N 152-47-02.205W	FI W 4s	18	5	NR on spindle.	
26513	Shag Rocks Daybeacon 1	57-54-28.980N 152-47-30.380W				SG on spindle.	
26515	Yuzhni Point Buoy 2	57-55-09.414N 152-47-05.744W				Red nun.	
26517	- Daybeacon 3	57-54-52.622N 152-48-13.883W				SG on spindle.	
26520	- Daybeacon 4	57-55-24.956N 152-47-57.563W				TR on tower.	
26525	KONIUJI ISLAND LIGHT 5	57-55-46.748N 152-50-19.512W	FI G 2.5s	70	4	SG on skeleton tower.	
Kizh	uyak Bay						
26530	SETTLER COVE BREAKWATER LIGHT 1	57-52-24.176N 152-51-39.059W	QG		5	SG on spindle.	
26533	SETTLER COVE BREAKWATER LIGHT 2	57-52-20.155N 152-51-47.534W	FI R 2.5s	24	4	TR on spindle.	
26535	Settler Cove Daybeacon 3	57-52-19.637N 152-51-41.043W				SG on pile.	
Marn	not Bay						
26545 1175	Williams Reef Lighted Whistle Buoy 1	57-50-16.591N 152-09-27.825W	FI G 4s		5	Green.	
26550	Kodiak North Entrance Channel Lighted Whistle Buoy 3	57-50-52.702N 152-13-43.549W	FI G 6s		4	Green.	
26555	Hutchinson Reef Lighted Whistle Buoy 4	57-49-58.403N 152-17-25.474W	FIR 4s		4	Red.	
26560	HANIN ROCK LIGHT	57-50-04.497N 152-18-52.353W	QW	43	6	Skeleton tower.	
26565	Kodiak North Entrance Channel Lighted Whistle Buoy 5	57-49-18.879N	FI G 2.5s		4	Green.	
26570	Kodiak North Entrance Channel Lighted Whistle Buoy 7	57-48-54.338N 152-18-42.019W	FI G 4s		5	Green.	
26575	Kodiak North Entrance Channel Lighted Buoy 8	57-48-44.298N 152-19-32.892W	FI R 2.5s		4	Red.	

Marmot Bay 26580 Spru 26585 Kodia Char 26590 WOC 26595 Kodia Char 26600 Kodia Char 26605 Kodia Char 26610 Cyar 15 26615 KOD	ak North Entrance nnel Lighted Buoy 10 DDY ISLAND LIGHT ak North Entrance nnel Buoy 11 ak North Entrance nnel Lighted Bell Buoy KH ak North Entrance ak North Entrance nnel Lighted Bell Buoy KH ak North Entrance nnel Buoy 13 ne Rock Lighted Bell Buoy	57-47-22.692N 152-22-06.414W	FI W 10s FI R 6s FI W 6s FI (2+1)R 6s	40 50	13 4 5	NR on skeleton tower. 15 Red. NR on skeleton tower.	Obscured from 228° to 040°.
26580 Spru 26585 Kodia Char 26590 WOC 26595 Kodia Char 26600 Kodia Char 26605 Kodia Char 26610 Cyar 15	ak North Entrance nnel Lighted Buoy 10 DDY ISLAND LIGHT ak North Entrance nnel Buoy 11 ak North Entrance nnel Lighted Bell Buoy KH ak North Entrance ak North Entrance nnel Lighted Bell Buoy KH ak North Entrance nnel Buoy 13 ne Rock Lighted Bell Buoy	152-19-30.947W 57-48-10.296N 152-20-47.902W 57-47-46.028N 152-20-18.275W 57-47-40.503N 152-20-56.675W 57-47-44.694N 152-21-32.909W 57-47-22.692N 152-22-06.414W	FIR 6s FIW 6s		4	tower. 15 Red. NR on skeleton	Obscured from 228° to 040°.
26585 Kodia Char 26590 WOC 26595 Kodia Char 26600 Kodia Char 26605 Kodia Char 26610 Cyar 15	ak North Entrance annel Lighted Buoy 10 DDY ISLAND LIGHT ak North Entrance annel Buoy 11 ak North Entrance annel Lighted Bell Buoy KH ak North Entrance annel Buoy 13 annel Rock Lighted Bell Buoy	152-19-30.947W 57-48-10.296N 152-20-47.902W 57-47-46.028N 152-20-18.275W 57-47-40.503N 152-20-56.675W 57-47-44.694N 152-21-32.909W 57-47-22.692N 152-22-06.414W	FIR 6s FIW 6s		4	tower. 15 Red. NR on skeleton	Obscured from 228° to 040°.
Char 26590 WOC 26595 Kodia Char 26600 Kodia Char 26605 Kodia Char 26610 Cyar 15	annel Lighted Buoy 10 DDY ISLAND LIGHT ak North Entrance nnel Buoy 11 ak North Entrance nnel Lighted Bell Buoy KH ak North Entrance nnel Buoy 13 ne Rock Lighted Bell Buoy	152-20-47.902W 57-47-46.028N 152-20-18.275W 57-47-40.503N 152-20-56.675W 57-47-44.694N 152-21-32.909W 57-47-22.692N 152-22-06.414W	FI W 6s	50		NR on skeleton	Obscured from 228° to 040°.
26595 Kodia Char 26600 <i>Kodia</i> 26605 Kodia Char 26610 <i>Cyar</i> 15	ak North Entrance nnel Buoy 11 lak North Entrance nnel Lighted Bell Buoy KH ak North Entrance nnel Buoy 13 ne Rock Lighted Bell Buoy	152-20-18.275W 57-47-40.503N 152-20-56.675W 57-47-44.694N 152-21-32.909W 57-47-22.692N 152-22-06.414W		50	5		Obscured from 228° to 040°.
Char 26600 Kodii Char 26605 Kodii Char 26610 Cyar 15	nnel Buoy 11 ak North Entrance nnel Lighted Bell Buoy KH ak North Entrance nnel Buoy 13 ne Rock Lighted Bell Buoy	152-20-56.675W 57-47-44.694N 152-21-32.909W 57-47-22.692N 152-22-06.414W	FI (2+1)R 6s				
Char 26605 Kodia Char 26610 Cyar 15 26615 KOD	annel Lighted Bell Buoy KH ak North Entrance nnel Buoy 13 ne Rock Lighted Bell Buoy	152-21-32.909W 57-47-22.692N 152-22-06.414W	FI (2+1)R 6s			Green can.	
Char 26610 <i>Cyar</i> 15 26615 KOD	nnel Buoy 13 ne Rock Lighted Bell Buoy	152-22-06.414W			4	Red and green bands.	
<i>15</i> 26615 KOD	,		0.0			Green can.	
		152-23-12.310W	QG	40	4	Green.	Di de di
00000 1/- 45	HTS (2)	57-47-12.000N 152-24-00.000W	FR	18		Pedestal.	Private aid.
Dayb	peacon 2	57-47-06.416N 152-24-30.563W 57-47-05.309N	FI G 4s	18	5	TR on pile. SG on skeleton	
LIGH	HT 1	152-24-35.713W	FI G 48	10	5	tower.	
St. Herman 1 26635 - NC 1	HARDOR DRTH ENTRANCE LIGHT	57-46-57.170N 152-24-30.605W	FI G 2.5s		5	SG on spindle.	
26640 - NC 2	ORTH ENTRANCE LIGHT	57-46-56.460N 152-24-34.543W	FIR 6s	17	5	TR on spindle.	
Woody Islan	nd						
26645 - Ch	•	57-47-08.499N 152-21-43.213W	FI R 2.5s		3	Red.	
26650 - Ch	,	57-46-46.087N 152-21-50.015W				Green can.	
26655 - Ch		57-46-36.387N 152-22-17.219W				Red nun.	
26660 - Ch	· ,	57-45-35.020N 152-22-22.424W	FI G 6s		4	Green.	
26665 - Ch	•	57-45-06.277N 152-23-58.934W				Red nun.	
	trance Midchannel Lighted	57-44-03.272N 152-24-19.939W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
26680 - EN		57-44-19.634N 152-25-47.717W	FI W 6s	38	7	NR on spindle tower.	RACON: N ()
		57-44-28.275N 152-25-09.942W	FIR 4s		4	Red.	
		57-44-25.174N 152-25-31.943W	FI G 2.5s		3	Green.	
26695 - En	-	57-44-28.466N 152-26-05.482W				Green can.	
	ū	57-45-07.279N 152-26-51.946W	QR		4	Red.	
26705 - En Buoy	_	57-45-22.410N 152-27-07.054W	FI G 2.5s		3	Green.	
26715 Gull Buoy	. •	57-46-33.289N 152-25-56.736W	FIR 6s		4	Red.	
St. Herman 1 26730 - So		57-46-27.288N 152-25-20.434W				Green can.	
26732 - SC 3	OUTH ENTRANCE LIGHT		FI G 4s	5	5	SG on spindle.	
26733 - SC 4	OUTH ENTRANCE LIGHT		FIR 6s	25	5	TR on spindle.	
26735 - So 7	outh Entrance Daybeacon	57-46-41.835N 152-25-00.162W				SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
KOD	IAK ISI AND (Chart 46500)		ALASKA - Sevente	enth Distric	t		
	IAK ISLAND (Chart 16580) aul Harbor						
26740	CONTAINER TERMINAL PIER 3 EASTERN OUTBOARD LT	57-46-56.742N 152-25-55.884W	FR	18		On Dolphin.	Private aid.
26741	CONTAINER TERMINAL PIER 3 EASTERN INBOARD LT	57-46-56.292N 152-25-57.696W	FR	18		On Dolphin.	Private aid.
26742	CONTAINER TERMINAL PIER 3 WESTERN INBOARD LT	57-46-51.372N 152-26-14.934W	FR	18		On Dolphin.	Private aid.
26743	CONTAINER TERMINAL PIER 3 WESTERN OUTBOARD LT	57-46-50.994N 152-26-16.782W	FR	18		On Dolphin.	Private aid.
26744	MXAK Kodiak ASTA	57-47-20.630N 152-26-02.270W					AIS transceiver. MMSI: 993032016 Private aid.
26745	KODIAK CITY DOCK PIER 2 LIGHTS (2)	57-47-04.000N 152-25-24.000W	FR	16		On pedestal.	Private aid.
26755	Gull Island Lighted Buoy 10	57-46-54.542N 152-25-13.707W	FI R 2.5s		4	Red.	
26760	- Entrance Channel Lighted Buoy 11	57-47-01.999N 152-24-41.273W	FI G 6s			Green.	
Wom 26765	nens Bay - FRONT RANGE LIGHT	57-43-23.997N 152-28-50.548W	QW	57		KRB on skeleton tower.	
26770	 REAR RANGE LIGHT 661 yards, 211.1° from front light. 	57-43-07.268N 152-29-09.417W	Oc W 4s	94		KRB on skeleton tower.	
26780	- Entrance Channel Lighted Buoy 2	57-44-21.175N 152-27-53.454W	FI R 2.5s			Red.	
26785	- Entrance Channel Lighted Bell Buoy 3	57-44-17.158N 152-27-43.468W	FI G 2.5s		4	Green.	
26790	- Entrance Channel Buoy 5	57-43-57.273N 152-28-07.957W				Green can.	
26795	- Entrance Channel Lighted Buoy 6	57-43-48.333N 152-28-27.789W	FIR 4s		4	Red.	
26800	- Entrance Channel Lighted Bell Buoy 7	57-43-45.112N 152-28-21.608W	FI G 4s		4	Green.	
26805	- Entrance Channel Lighted Buoy 8	57-43-39.402N 152-28-43.700W	FI R 2.5s		4	Red.	
26810 26815	Entrance Channel Buoy 9 - Entrance Channel Lighted	57-43-32.871N 152-28-41.201W 57-43-24.821N	FI G 6s		4	Green can.	
26820	Buoy 11 - Entrance Channel Buoy 12	152-29-25.384W 57-43-24.691N	110 03		7	Red nun.	
26825	- Entrance Channel Lighted	152-30-00.967W 57-43-11.200N	QG		3	Green.	
26830	Buoy 13 - Entrance Channel Lighted	152-30-09.969W 57-42-53.158N	QR		3	Red.	
26835	Buoy 14 - Lighted Buoy 16	152-30-41.851W 57-42-57.518N	FIR 4s		3	Red.	
26840	- Buoy 18	152-31-40.635W 57-43-33.112N 152-31-10.991W				Red nun.	
26845	- Middle Shoal Buoy 19	57-43-47.496N 152-31-07.082W				Green can.	
Chi-	iak Ray						
26850 1180	iak Bay Humpback Rock Lighted Whistle Buoy 1	57-42-47.754N 152-14-13.079W	FI G 4s		5	Green.	
	alidak Strait	57 44 00 05	ELVA: 1	46-	7	NB	
26855	TABLE ISLAND LIGHT	57-11-20.385N 152-55-12.973W	FI W 4s	106	7	NR on skeleton tower.	AIS transceiver
26858	MXAK McCord ASTA	57-07-35.990N 153-08-15.450W					AIS transceiver. MMSI: 993032057 Private aid.
26860	NUT ISLAND LIGHT N	57-12-13.406N 153-09-35.457W	FI (2+1)R 6s	40	4	JR on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	enth Distric	l .		
	PIAK ISLAND (Chart 16580) alidak Strait						
26865	BUSH POINT LIGHT 2	57-13-03.589N 153-13-00.998W	FIR 4s	20	6	TR on skeleton tower.	
26870	SHEEP ISLAND LIGHT 3	57-12-50.096N 153-15-13.521W	FI G 2.5s	20	5	SG on Pile.	
26875	SITKALIDAK PASSAGE LIGHT 4	57-12-33.488N 153-16-32.943W	FIR 6s	30	4	TR on skeleton tower.	
Old I	Harbor						
26879	- LIGHT 1	57-12-28.376N 153-17-49.161W	FI G 4s	18	3	SG on pile.	
26880	- Daybeacon 2	57-12-29.168N 153-17-48.441W				TR on pile.	
26885	- Daybeacon 3	57-12-30.992N 153-17-59.847W				SG on pile.	
26890	- Daybeacon 4	57-12-32.420N 153-18-01.389W				TR on pile.	
Sitka 26893	alidak Strait Three Saints Bay CG Mooring Buoy	57-10-23.374N 153-31-05.947W				White with blue stripe	
Gees 26895	se Channel - Lighted Gong Buoy 1	56-44-50.119N 153-53-08.476W	FI G 2.5s		4	Green.	
26900	- Buoy 3	56-43-29.883N 153-58-36.107W				Green can.	
26905	- Lighted Bell Buoy 4	56-43-40.129N 153-59-05.673W	FIR 4s		3	Red.	
26910	AIAKTALIK ISLAND LIGHT 5	56-43-53.132N 154-03-05.659W	FI G 6s	57	5	SG on skeleton tower.	
Sitki 26915 1195	nak Strait WHIRLPOOL POINT LIGHT	56-36-59.918N 154-05-42.601W	FI W 2.5s	51	8	NR on skeleton tower.	
Alita	k Bay						
26920	CAPE ALITAK LIGHT	56-50-35.252N 154-18-25.592W	FI W 6s	63	7	NR on spindle.	Obscured from 190° to 263°.
26925	LAZY BAY LIGHT 2	56-53-30.541N 154-13-02.638W	FIR 4s	25	6	TR on skeleton tower.	
26930	Akhiok Reef Buoy 1	56-54-47.117N 154-07-52.396W				Green can.	
26935	MOSER BAY LIGHT 2	56-58-19.478N 154-06-25.214W	FIR 6s	22	5	TR on skeleton tower.	
26940	Moser Bay Buoy 3	56-58-25.289N 154-06-49.611W				Green can.	
26945	Moser Bay Buoy 4	56-58-52.389N 154-08-02.697W				Red nun.	
Shel	ikof Strait						
26950	NOAA Data Lighted Buoy 46077	57-52-07.000N 154-12-40.000W	FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
26953	MXAK Spiridon Mountain ASTA	57-43-14.588N 153-45-48.082W					AIS transceiver. MMSI: 993032049 Private aid.
26954	MXAK Karluk ASTA	57-34-20.626N 154-27-20.851W					AIS transceiver. MMSI: 993032038 Private aid.
26955	Wolcott Reef Buoy W	57-40-04.618N 154-12-11.794W				Red and green bands; nun.	
Uyak	к Вау						
26960	HARVESTER ISLAND SPIT LIGHT 2	57-38-14.800N 153-59-40.104W	FIR 4s	22	3	TR on 3-pile dolphin.	
Lars	en Bay						
26965	- JUNCTION LIGHT LB	57-32-36.536N 153-58-35.781W	FI (2+1)R 6s	10	4	JR on tower.	
26970	- Daybeacon 2	57-32-32.750N 153-59-03.963W				TR on 3-pile dolphin.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	IAK ISLAND (Chart 16580)		ALASKA - Sevente	enth Distric	t		
Lars 26975	en Bay - Daybeacon 3	57-32-27.134N				SG on 3-pile	
26980	- RANGE FRONT LIGHT	153-59-05.667W 57-32-44.177N 154-00-13.018W	QW	56		dolphin. KRW on skeleton tower.	Obscured from 333° to 267°.
26985	- RANGE REAR LIGHT 129 yards, 291.3° from light.	57-32-45.566N	Iso W 6s	76		KRW on skeleton tower.	Obscured from 300° to 287°.
26986	- Reef Buoy 5	57-32-00.493N 154-00-35.889W				Green can.	Position Approximate.
26988	- HARBOR LIGHT 4	57-31-55.513N 154-00-28.977W	FIR 6s	10	4	TR on spindle.	
Uyak 26990	Bay Aleutian Rock Buoy 1	57-25-36.379N 153-50-47.756W				Green can.	
_	nik Bay	E7 EE E4 E04N	FLW 60	90	7	ND on alcelator	Observed from 222° to 220°
26995	NOISY ISLAND LIGHT	57-55-54.521N 153-33-47.982W	FI W 6s	80		NR on skeleton tower.	Obscured from 223° to 338°.
27000	NORTHEAST ARM LIGHT 1	57-47-08.402N 153-27-14.128W	FI G 6s	58	5	SG on small house.	Obscured from 139° to 282.5°.
27005	STARR POINT LIGHT 3	57-45-21.303N 153-22-04.172W	FI G 4s	30	5	SG on skeleton tower.	
Kupi 27010	reanof Strait MALINA POINT LIGHT	58-02-18.924N 153-21-57.697W	FI W 2.5s	80	6	NR on skeleton tower.	Higher intensity beam toward 110°.
27015	- Buoy K	57-59-36.424N 153-10-45.303W				Green and red bands; can.	
27020	DRY SPRUCE BAY ENTRANCE LIGHT	57-57-19.746N 153-06-12.496W	FI W 6s	76	6	NR on skeleton tower.	
27025	DRY SPRUCE ISLAND ROCK LIGHT 7	57-57-52.707N 153-04-10.674W	FI G 4s	30	4	SG on spindle.	
27027	Dry Spruce Bay Coast Guard Mooring Buoy	57-55-59.671N 153-01-05.961W				White with blue band.	
27030	LAST TIMBER POINT LIGHT 6	57-58-40.161N 152-59-01.060W	FIR 4s	35	4	TR on small house.	
Ras p 27035	oberry Strait - LIGHT	58-09-35.269N 153-13-24.608W	FI W 6s	50	6	NR on small house.	
Shel 27045 1165	ikof Strait LATAX ROCKS LIGHT	58-41-28.543N 152-29-00.890W	FI W 4s	40	8	NR on spindle.	
Shuy 27050	/ak Strait ALLIGATOR ISLAND LIGHT	58-28-28.118N 152-47-16.755W	FI W 6s	72	7	NR on skeleton tower.	
27055	LIGHTHOUSE POINT LIGHT	58-28-56.702N 152-39-09.451W	FI W 4s	60	5	NR on small house.	Obscured from 285° to 073.5°.
ALA	SKA PENINSULA AND ALEUTIA	N ISLANDS (Chart	16011, 16013)				
Alas 27060	ka Peninsula CHIGNIK SPIT LIGHT	56-18-34.559N 158-23-01.415W	FI W 4s	35	6	NR on skeleton tower.	Obscured west of 238°.
27061	CHIGNIK BOAT HARBOR ENTRANCE LIGHT 1	56-18-18.017N 158-22-52.449W	FI G 4s	31	5	SG on spindle.	Position approximate.
27062	Chignik Boat Harbor Entrance Day Beacon 2					TR on skeleton tower on breakwater.	
Shur 27070	nagin Islands ANDRONICA ISLAND LIGHT	55-20-44.604N 160-03-40.437W	FI W 4s	115	7	On skeleton tower.	Obscured from 275° to 291.5° and from 317° to 078°.
27075	MXAK Sand Point ASTA	55-18-58.356N 160-23-12.084W					AIS transceiver. MMSI: 993032045 Private aid.
27080	POPOF STRAIT ENTRANCE LIGHT 1	55-21-18.296N 160-30-18.026W	FI G 4s	50	5	SG on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
A1 A	CVA DENINGIJI A AND ALEJITIA	N ISLANDS (Chart	ALASKA - Sevente	enth Distric	t		
	SKA PENINSULA AND ALEUTIA nagin Islands	N ISLANDS (Chart	16011, 16013)				
27085	Popof Strait Lighted Buoy 3	55-20-43.731N 160-31-05.323W	FI G 6s		4	Green.	
27090	Unga Reef Lighted Buoy 4	55-20-15.430N 160-31-20.325W	FIR 4s		3	Red.	
27095	Popof Reef Lighted Gong Buoy 5	55-20-08.192N 160-31-02.174W	FI G 2.5s		3	Green.	
27105	HUMBOLDT HARBOR BREAKWATER LIGHT 2	55-19-56.000N 160-30-12.000W	FI R 2.5s	24	3	TR on spindle.	Position Approximate.
27110	HUMBOLDT HARBOR BREAKWATER LIGHT 3	55-19-56.382N 160-30-03.928W	FI G 2.5s	24	5	SG on spindle.	
27112	Caton Shoal Buoy 6	55-19-48.140N 160-31-35.794W				Red nun.	
27120	BARALOF BAY LIGHT	55-14-20.422N 160-32-08.582W	FI W 4s	60	5	NR on skeleton tower.	Obscured from 089° to 222°.
27125	UNGA SPIT LIGHT	55-24-22.954N 160-43-50.894W	FI W 6s	40	6	NR on skeleton tower.	Obscured from 280.5° to 060°.
27130	SEAL CAPE LIGHT	55-20-56.175N 161-15-15.997W	FI W 4s	75	6	NR on skeleton tower.	Obscured from 172° to 235°.
27135	UKOLNOI ISLAND LIGHT	55-14-35.346N 161-39-52.105W	FI W 6s	35	6	NR on skeleton tower.	Obscured from 238° to 052°.
27140	Bluff Point Shoal Lighted Gong Buoy 1	55-11-26.906N 161-52-27.993W	FI G 2.5s		4	Green.	
27145	ARCH POINT LIGHT 2	55-12-19.080N 161-54-19.728W	FIR 4s	78	5	TR on skeleton tower.	Obscured from 105° to 213°.
27150	Moss Cape Lighted Buoy 4	55-07-07.048N 161-56-15.232W	FIR 6s		4	Red.	
27155	GOLOI SANDSPIT LIGHT 3	55-06-36.282N 161-55-29.339W	FI G 4s	17	5	SG on skeleton tower.	Obscured from 229° to 328°.
27160	Iliasik Passage Lighted Buoy 5	55-01-44.895N 161-55-19.250W	FI G 2.5s		4	Green.	
27165	Iliasik Passage Buoy 6	55-01-59.285N 161-56-02.674W				Red nun.	
27170	ILIASIK ISLANDS LIGHT	55-02-14.623N 161-56-21.604W	FI W 6s	95	7	NR on skeleton tower.	Obscured from 120.5° to 254°.
27180	STAG POINT LIGHT	54-59-07.553N 162-18-02.609W	FI W 4s	23	6	NR on skeleton tower.	
27181	SOUTH KING COVE HARBOR LIGHT 1	55-03-16.977N 162-19-24.859W	FI G 4s	25	4	SG on spindle.	
27182	KING COVE DEEP WATER DOCKS LIGHTS (2)	55-03-19.000N 162-19-23.000W	FIR 6s	21		On dolphin.	Private aid.
27185	KING COVE HARBOR ENTRANCE LIGHT 1	55-03-29.957N 162-19-24.522W	FI G 2.5s	25	3	SG on spindle.	
27190	KING COVE HARBOR ENTRANCE LIGHT 2	55-03-32.817N 162-19-22.585W	FIR 6s	23	4	TR on spindle.	
27195	MORGAN POINT LIGHT	55-02-23.859N 162-20-11.321W	FI W 4s	120	6	NR on skeleton tower.	Obscured from 039° to 206°.
Cold	Вау						
27200	- Channel Lighted Buoy 1	55-05-31.158N 162-31-58.257W	FI G 4s		4	Green.	
27205	KASLOKAN POINT LIGHT 2	55-06-15.099N 162-31-31.657W	FIR 4s	15	5	TR on skeleton tower.	Obscured from 193° to 336°.
27210	- Channel Lighted Buoy 3	55-06-40.264N 162-31-58.257W	FI G 2.5s		4	Green.	
27215	- Channel Buoy 4	55-07-07.760N 162-31-39.392W				Red nun.	
27220	DELTA POINT LIGHT	55-11-29.697N 162-38-40.687W	FI W 4s	48	6	NR on skeleton tower.	
27225	- AERO DOCK LIGHTS (2)	55-12-31.000N 162-41-36.000W	FIR 6s	17		On dolphins.	Private aid.
27230	FOX ISLAND LIGHT	54-57-18.465N 162-26-00.732W	FI W 6s	40	6	NR on skeleton tower.	Obscured from 280° to 021°.
27235	West Cape Shoal Buoy 1	54-55-31.219N 162-27-56.717W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALA	SKA PENINSULA AND ALEUTI.	AN ISLANDS (Chart 1	ALASKA - Sevente	enth Distric	t		
Cold	l Bay	•			4	Dad	
27240	Thin Point Lighted Whistle Buoy 2	54-54-54.542N 162-32-25.551W	FIR 6s		4	Red.	
Bech Chai	nevin Bay nnel should be navigated with cau	ution due to shifting sh	oals				
27250	- Entrance Buoy BB	55-06-08.712N 163-30-07.643W	ouid.			Red and white stripes.	
27255	- Buoy 1	55-05-29.188N 163-29-20.353W				Green can.	
27257	- Buoy 1A	55-04-17.283N 163-29-02.895W				Green Can.	
27260	- Buoy 2	55-05-25.109N 163-29-38.348W				Red nun.	
27265	- Buoy 3	55-04-05.750N 163-28-40.821W				Green can.	
27270	- Buoy 4	55-04-02.762N 163-28-58.433W				Red nun.	
27275	- Buoy 5	55-03-19.802N 163-26-30.135W				Green can.	
27280	- Buoy 6	55-03-11.479N 163-26-35.697W				Red nun.	
27285	CAPE KRENITZEN LIGHT 7	55-03-47.252N 163-25-18.545W	FI G 6s	30	5	SG on skeleton tower.	
27290	- Buoy 8	55-03-05.613N 163-25-25.474W				Red nun.	
27295	- Buoy 10	55-02-30.798N 163-25-13.515W				Red nun.	
27305	- Buoy 11	55-02-16.450N 163-25-01.812W				Green can.	
27308	- Buoy 13	55-01-41.866N 163-25-23.011W				Green can.	
27310	- Buoy 14	55-01-43.469N 163-25-40.538W				Red nun.	
27315	- Buoy 15	55-01-07.035N 163-25-49.527W				Green can.	
27320	- Buoy 16	55-01-06.650N 163-26-08.689W				Red nun.	
27325	ROCKY POINT LIGHT 6	54-58-15.757N 163-26-33.415W	FIR 6s	20	5	TR on skeleton tower.	
27330	- Buoy 17	55-00-10.439N 163-25-33.551W				Green can.	
27335	- Buoy 18	55-00-04.309N 163-25-47.162W				Red nun.	
27340	- Buoy 19	54-59-34.424N 163-24-07.580W				Green can.	
27345	St. Catherine Cove Daybeacon 4	54-59-47.001N 163-29-21.335W				TR on square frame.	Use only with local knowledge.
27350	- Buoy 20	54-59-32.070N 163-24-12.295W				Red nun.	
27355	- Buoy 21	54-59-26.564N 163-23-52.610W				Green can.	
27360	- Buoy 22	54-59-21.976N 163-23-59.363W				Red nun.	
27365	- Buoy 23	54-59-07.562N 163-23-20.352W				Green can.	
27370	- Buoy 24	54-59-03.153N 163-23-29.222W				Red nun.	
27375	- Buoy 25	54-58-32.784N 163-22-23.309W				Green can.	
27380	- Buoy 26	54-58-29.818N 163-22-39.398W				Red nun.	
27385	- Buoy 27	54-57-48.802N				Green can.	
27390	- Buoy 28	163-21-51.236W 54-57-45.780N				Red nun.	
		163-22-16.261W					

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	enth District	t		
Bech	SKA PENINSULA AND ALEUTIA evin Bay nel should be navigated with cau	•	,				
27395	- Buoy 29	54-56-50.799N 163-21-34.268W				Green.	
27400	- Buoy 30	54-56-47.184N 163-22-06.834W				Red nun.	
27401	FALSE PASS BREAKWATER LIGHT 2	54-51-54.974N 163-24-29.678W	FIR 4s	57	6	TR on skeleton tower.	
27401.5	FALSE PASS BREAKWATER LIGHT 1	54-51-51.909N 163-24-29.218W	FI G 2.5s	35	6	SG on spindle.	
27402	FALSE PASS CITY DOCK NORTH LIGHT	54-51-44.340N 163-24-37.800W	FR	14		On pier.	Private aid.
27403	FALSE PASS CITY DOCK SOUTH LIGHT	54-51-42.660N 163-24-38.400W	FR	14		On pier.	Private aid.
27404	MXAK False Pass ASTA	54-51-17.647N 163-24-52.711W					AIS transceiver. MMSI: 993032058 Private aid.
27405	ISANOTSKI STRAIT LIGHT 6	54-51-23.184N 163-23-29.984W	FIR 6s	21	5	TR on skeleton tower.	
27410	ISANOTSKI STRAIT LIGHT 3	54-49-29.709N 163-22-31.980W	FI G 6s	14	4	SG on spindle.	
27415	ISANOTSKI STRAIT LIGHT 2	54-48-55.214N 163-21-45.842W	FIR 4s	17	4	TR on skeleton tower.	Obscured from 160° to 324°.
27420	IKATAN BAY LIGHT	54-47-03.260N 163-21-58.058W	FI W 6s	78	6	NR on skeleton tower.	
27425	IKATAN POINT LIGHT	54-46-33.741N 163-11-12.887W	FI W 4s	81	9	NR on skeleton tower.	Obscured from 296° to 063°.
Akuta 27427	an Harbor AKUTAN SMALL BOAT	54-07-48.314N	FI G 4s		4	SG on spindle.	Position Approximate
27428	HARBOR LIGHT 1 AKUTAN SMALL BOAT	165-49-21.309W 54-07-50.420N	FI R 2.5s		4	TR on spindle.	Position Approximate
27430	HARBOR LIGHT 2 - LIGHT	165-49-19.623W 54-07-56.022N	Oc W 4s	10	7	SPS on spindle.	Obscured from 070° to 263°.
27435	AKUN STRAIT LIGHT	165-46-54.159W 54-07-54.777N	FI W 4s	46	6	On skeleton tower	
27400	ARON OTTAIT EIGHT	165-39-34.778W	11 00 73	40	U	on concrete caisson.	
27438	MXAK Akun ASTA	54-08-50.399N 165-36-20.581W					AIS transceiver. MMSI: 993032025 Private aid.
27440	AKUTAN POINT LIGHT 2	54-08-41.793N 165-43-41.213W	FIR 6s	163	4	TR on skeleton tower.	
27444	Akutan Bay Lighted Mooring Buoy	54-07-39.600N 165-45-00.000W	FI W 2s			White with blue stripe.	Private aid.
	aska Island	50 55 07 070N	ELVA/ 4-	C4	-	ND and date	Oh
27450	ULAKTA HEAD LIGHT	53-55-27.079N 166-30-31.795W	FI W 4s	61	5	NR on skeleton tower on concrete caisson.	Obscured from 331° to 122°.
27453	MXAK Dutch Harbor ASTA	53-55-09.156N 166-30-32.778W					AIS transceiver. MMSI: 993032004 Private aid.
27455	lliuliuk Bay Entrance Lighted Bell Buoy 2	53-54-32.877N 166-29-39.195W	FI R 2.5s		4	Red.	
27460	SPITHEAD LIGHT	53-53-50.536N 166-30-55.836W	FI W 4s	38	6	NR on skeleton tower.	Obscured from 202° to 215.5°
27465	Rocky Point Shoal Lighted Buoy RP	53-53-25.380N 166-31-19.889W	FI (2+1)G 6s		4	Green and red bands.	
27466	lliuliuk Bay Lighted Buoy 4	53-53-07.381N 166-31-31.887W	FIR 4s		4	Red.	
27467	APL DOLPHIN LIGHTS (2)	53-53-01.000N 166-31-52.000W	FI R 2.5s	12		On pile dolphins.	Private aid.
27468	APL Shoal Lighted Buoys (2)	53-53-00.000N 166-31-50.000W	QW			White with orange bands and diamond.	Private aid.
27470	Unalaska Channel Lighted Buoy 5	53-52-35.983N 166-32-05.184W	FI G 2.5s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente				
	SKA PENINSULA AND ALEUTIA	N ISLANDS (Chart 1					
Unala 27475	aska Island Iliuliuk Reef Lighted Buoy 6	53-52-38.617N 166-32-02.571W	FIR 4s		4	Red.	
lliuliu 27480	k Harbor - Entrance Buoy 8	53-52-42.009N 166-32-10.106W				Red nun.	
27485	- South Channel Daybeacon 10	53-52-34.616N 166-32-52.346W				TR on 3-pile dolphin.	
27490	- South Channel Daybeacon 11	53-52-31.448N 166-32-49.136W				SG on pile structure	
27495	- South Channel Daybeacon 12	53-52-32.942N 166-32-55.976W				TR on 3-pile dolphin.	
27500	- South Channel Daybeacon 13	53-52-31.820N 166-32-59.348W				SG on pile structure.	
		ALASKA PENINSU	LA AND ALEUTIAN	ISLANDS (C	hart 160	11, 16013)	
27500.1	I k Harbor CARL E. MOSES HARBOR LIGHT A	53-52-11.567N 166-33-01.239W	FI W 4s	13	5	NR on spindle.	
27500.2	CARL E. MOSES HARBOR LIGHT B	53-52-09.991N 166-33-03.194W	FI W 2.5s	13	5	NR on spindle.	
27500.3	CARL E. MOSES HARBOR LIGHT C	53-52-06.733N 166-33-08.174W	FI W 4s	13	5	NR on spindle.	
27500.4	CARL E. MOSES HARBOR LIGHT D	53-52-03.419N 166-33-13.057W	QW	13	5	NR on spindle.	
			ALASKA - Sevente	enth District	ì		
	SKA PENINSULA AND ALEUTIA ık Harbor	IN ISLANDS (Chart 1	6011, 16013)				
27500.5	CARL E MOSES HARBOR LIGHT 1	53-52-01.780N 166-33-12.680W	FI G 2.5s	19	5	SG on spindle.	
Unala 27500.75	aska Bay Eider Point Lighted Buoy EP	53-56-52.140N 166-35-15.633W	QR			Red.	
27501	Hog Island Lighted Buoy HI	53-55-13.490N 166-34-10.068W	FI (2+1)G 6s		3	Green and red bands.	
27502	Hog Island Lighted Buoy 3	53-53-30.967N 166-34-54.074W	FI G 4s		4	Green.	
27503	ARCH ROCK LIGHT 3A	53-52-35.922N 166-34-01.309W	FI G 2.5s	15	5	SG on 3-pile dolphin.	
Capta 27504	ains Bay South Amaknak Rocks Lighted Buoy 5	53-51-46.990N 166-33-21.068W	FI G 6s		4	Green.	
27505	BAILEY LEDGE LIGHT	53-51-35.721N 166-33-34.269W	FI W 4s	20	5	NR on spindle.	
27508	Swallow Reef Lighted Buoy 6	53-50-36.375N 166-35-33.241W	FIR 4s		3	Red.	
27510	NOAA Data Lighted Buoy 46072	51-39-36.625N 172-03-51.496W	FI (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
	JTIAN ISLANDS (Chart 16012) Island						
27515	Kuluk Shoal Lighted Bell Buoy 2	51-54-40.348N 176-30-34.767W	FIR 6s		4	Red.	
27520	Finger Shoal Lighted Bell Buoy 3	751-51-42.836N 176-34-11.150W	FI G 2.5s		4	Green.	
27525	GANNET ROCKS LIGHT 4	51-52-00.928N 176-36-32.427W	FIR 4s	45	4	TR on skeleton tower.	Obscured from 102° to 214°.
27526	Gannet Rock Buoy 4A	51-51-51.830N 176-36-36.456W				Red nun.	
	per Cove	51 51 27 662N	ELC 60	EF	5	SC on alkalater	
27535	- ENTRANCE LIGHT 5	51-51-27.662N 176-35-31.057W 51-51-35.410N	FI G 6s	55	5	SG on skeleton tower.	
27535	- JETTY LIGHT 6	51-51-35.410N 176-37-46.796W	FIR 6s	41	5	TR on spindle.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	enth Distric	t		
	UTIAN ISLANDS (Chart 16012) k Island						
	eper Cove						
27540	- LIGHT 7	51-51-15.136N 176-37-44.920W	FI G 4s	75	3	SG on skeleton tower.	
7542	- RANGE FRONT LIGHT	51-51-09.095N 176-39-15.042W	QG	36		KRW on multi-pile structure.	
7543	 RANGE REAR LIGHT 494 yards, 253.0° from front light. 	51-51-04.788N 176-39-37.786W	Oc G 4s	101		KRW on multi-pile structure.	
27545	NOAA Data Lighted Buoy 46071	51-01-20.000N 179-47-03.000E	FI (4)Y 20s			Yellow disc shaped hull.	Position approximate. Aid maintained by National Oceanic and Atmospheric Administration.
	SKA PENNINSULA AND ALEUTA	AN ISLANDS (Chai	rt 16011)				
Brist 27553	tol Bay MXAK Nelson Lagoon ASTA	56-00-17.860N 161-10-37.830W					AIS transceiver. MMSI: 993032037 Private aid.
27555	NELSON LAGOON LIGHT	56-00-38.986N 161-05-36.057W	FI W 2.5s	15	6	NR on skeleton tower.	
	Moller	FF F0 FF 040N				Dadiash	Maintain ad for the first dis-
27565	- Entrance Buoy 2	55-59-55.810N 160-38-47.659W				Red ice buoy.	Maintained from June 1 to October 1.
27570	- Entrance Buoy 3	55-59-35.662N 160-37-14.633W				Green Ice Buoy.	Maintained from June 1 to October 1.
7575	- LIGHT 5	55-58-40.644N 160-34-59.160W	FI G 2.5s	18	4	SG on skeleton tower.	
Here	endeen Bay						
	ue Channel						
7590	- Buoy 4	55-58-05.934N 160-39-27.764W				Red ice buoy.	Maintained from June 1 to October 1.
27595	- Buoy 5	55-57-55.381N 160-38-17.948W				Green ice buoy.	Maintained from June 1 to October 1.
27600	- Buoy 6	55-56-20.275N 160-42-12.352W				Red ice buoy.	Maintained from June 1 to October 1.
27605	- Buoy 7	55-56-05.170N 160-41-37.483W				Green ice buoy.	Maintained from June 1 to October 1.
?7610	- Buoy 8	55-53-50.301N 160-47-24.716W				Red ice buoy.	Maintained from June 1 to October 1.
?7615	- Buoy 9	55-53-37.596N 160-47-08.782W				Green ice buoy.	Maintained from June 1 to October 1.
	ING SEA (Eastern Part) (Chart 1	6006)					
27760 255	SMOKY POINT LIGHT	57-36-44.423N 157-41-25.964W	FI W 4s	40	6	NR on skeleton tower.	
	hak Bay						
Nakr 27783	nek River SOUTH NAKNEK CITY DOCK EAST LIGHT	58-43-14.220N 156-59-07.860W	FIR 6s	34		On dock.	Private aid.
7784	SOUTH NAKNEK CITY DOCK WEST LIGHT		FIR 6s	34		On dock.	Private aid.
27785	Naknek Entrance Daybeacon	58-43-20.315N 157-02-54.647W				SG on skeleton tower.	
Kvic	hak Bay						
27795	GRAVEYARD POINT LIGHT	58-52-03.251N 157-00-48.929W	FI W 4s	55	6	NR on skeleton tower.	
27800	Igiugig RivGen Obstruction Buoy C	59-19-27.660N 155-54-55.920W				Polyform Buoy.	Maintained from Jun 1 to Oc Aid maintained by Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BERI	NG SEA (Eastern Part) (Chart 1	6006)	ALASKA - Sevente	enth Distric	t		
	nak Bay Igiugig RivGen Obstruction Buoy B	59-19-25.470N 155-54-56.460W				Polyform Buoy.	Maintained from Jun 1 to Oct 1. Aid maintained by Private aid.
27800.2	Igiugig RivGen Obstruction Buoy A	59-19-28.460N 155-54-55.110W				Polyform Buoy.	Maintained from Jun 1 to Oct 1. Aid maintained by Private aid.
Nush 27810	agak Bay EKUK RANGE FRONT LIGHT	58-47-56.227N 158-33-15.749W	QW	25		KRW on skeleton tower.	Visible all around, higher intensity on rangeline.
27815	EKUK RANGE REAR LIGHT 411 yards, 340.7° from front light.	58-48-07.678N 158-33-23.489W	Iso W 6s	45		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
Pribil	of Islands						
27820	MXAK ST George 2 ASTA	56-35-58.319N 169-32-29.879W					AIS transceiver. MMSI: 993032055 Private aid.
27823	MXAK ST George 1 ASTA	56-34-19.225N 168-40-15.586W					AIS transceiver. MMSI: 993032054 Private aid.
27825	ST. GEORGE HARBOR RANGE FRONT LIGHT	56-34-09.683N 169-40-11.172W	QY	42		KRW on skeleton tower.	
27826	ST. GEORGE HARBOR RANGE REAR LIGHT 361 yards, 076.4° from front light.	56-34-12.179N 169-39-52.413W	Iso Y 6s	76		KRW on skeleton tower.	
27827	ST. GEORGE HARBOR ENTRANCE LIGHT 1	56-34-10.942N 169-40-22.293W	FI G 4s	32	4	SG on spindle.	
27828	St. George Harbor Daybeacon 2	56-34-04.696N 169-40-06.184W				TR on spindle.	
27830	ST. PAUL HARBOR JETTY LIGHT 4	57-07-41.049N 170-17-17.326W	FIR 4s	40	4	TR on spindle.	
27831	ST. PAUL HARBOR JETTY LIGHT 3	57-07-41.002N 170-17-06.287W	FI G 4s	30	4	SG on spindle.	
27832	ST. PAUL HARBOR LIGHT 6	57-07-31.316N 170-16-46.635W	FI R 2.5s	10	7	TR on spindle.	
27833	St. Paul Harbor Daybeacon A	57-07-34.620N 170-16-48.262W				NR on spindle.	
27834	St. Paul Harbor Daybeacon B	57-07-33.489N 170-16-42.974W				NR on spindle.	
27834.5	MXAK ST Paul ASTA	57-07-24.600N 170-16-14.765W					AIS transceiver. MMSI: 993032053 Private aid.
	okwim Bay s maintained from June 1 to Oct.	4					
27835	- Buoy 2	59-18-49.512N 162-18-39.640W				Red nun.	Maintained from June 1 to October 1.
27836	- Buoy 3	59-32-14.985N 162-16-46.287W				Green Can.	Maintained from June 1 to October 1.
27837	- Buoy 4	59-34-28.114N 162-15-36.919W				Red nun.	Maintained from June 1 to October 1.
27838	- Buoy 5	59-38-08.281N 162-19-22.732W				Green can.	Maintained from June 1 to October 1.
27839	- Buoy 6	59-43-30.026N 162-19-34.004W				Red nun.	Maintained from June 1 to October 1.
27840	- Buoy 8	59-46-46.862N 162-19-42.789W				Red nun.	Maintained from June 1 to October 1.
27841	- Buoy 9	59-48-59.333N 162-15-43.424W				Green can.	Maintained from June 1 to October 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BEDI	NC SEA (Factoria Bout) (Char	+ 46006)	ALASKA - Sevente	enth District	İ		
Kusk	NG SEA (Eastern Part) (Char okwim Bay						
Виоу 27842	rs maintained from June 1 to O - Buoy 10	ct. 1. 59-50-34.416N 162-14-20.135W				Red nun.	Maintained from June 1 to October 1.
27843	- Buoy 12	59-53-37.716N 162-15-18.980W				Red nun.	Maintained from June 1 to October 1.
Kusk	okwim River						
27844	- Buoy 13	59-57-18.404N 162-19-22.734W				Green can.	Maintained from June 1 to October 1.
27844.5	- Buoy 15	59-58-39.312N 162-24-02.487W				Green can.	Maintained from June 1 to October 1.
27844.7	- Buoy 16	60-00-53.712N 162-26-12.791W				Red nun.	Maintained from June 1 to October 1.
27845.2	- Buoy 18	60-04-16.302N 162-28-49.974W				Red nun.	Maintained from June 1 to October 1.
27845.7	- Buoy 20	60-06-49.609N 162-28-33.186W				Red nun.	Maintained from June 1 to October 1.
27846.2	- Buoy 22	60-09-16.961N 162-24-22.763W				Red nun.	Maintained from June 1 to October 1.
27846.5	- Buoy 23	60-11-25.968N 162-21-08.706W				Green can.	Maintained from June 1 to October 1.
27847	- Buoy 25	60-13-22.306N 162-20-43.233W				Green can.	Maintained from June 1 to October 1.
27847.5	- Buoy 27	60-14-56.584N 162-23-23.937W				Green can.	Maintained from June 1 to October 1.
27848	- Buoy 29	60-16-51.246N 162-28-33.810W				Green can.	Maintained from June 1 to October 1.
27848.2	- Buoy 30	60-19-12.300N 162-30-53.934W				Red nun.	Maintained from June 1 to October 1.
27848.7	- Buoy 32	60-20-19.368N 162-30-36.102W				Red nun.	Maintained from June 1 to October 1.
27849.2	- Buoy 34	60-20-55.680N 162-29-36.432W				Red nun.	Maintained from June 1 to October 1.
27849.7	- Buoy 36	60-21-22.866N 162-27-33.444W				Red nun.	Maintained from June 1 to October 1.
27850	- Buoy 37	60-20-36.600N 162-24-06.174W				Green can.	Maintained from June 1 to October 1.
27850.5	- Buoy 39	60-20-45.402N 162-21-54.204W				Green can.	Maintained from June 1 to October 1.
27851	- Buoy 41	60-21-47.430N 162-20-26.190W				Green can.	Maintained from June 1 to October 1.
27851.2	- Buoy 42	60-23-37.188N 162-21-32.910W				Red nun.	Maintained from June 1 to October 1.
27851.7	- Buoy 44	60-24-52.854N 162-22-14.202W				Red nun.	Maintained from June 1 to October 1.
27852	- Buoy 45	60-25-26.376N 162-21-27.936W				Green can.	Maintained from June 1 to October 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BEDI	NG SEA (Eastern Part) (Chart '	16006)	ALASKA - Sevente	enth Distric	t		
	okwim River	16006)					
27852.2	- Buoy 46	60-26-29.190N 162-20-20.252W				Red nun.	Maintained from June 1 to October 1.
27852.5	- Buoy 47	60-27-42.384N 162-18-26.148W				Green can.	Maintained from June 1 to October 1.
27853	- Buoy 49	60-28-19.686N 162-17-24.864W				Green can.	Maintained from June 1 to October 1.
27853.2	- Buoy 50	60-30-42.786N 162-18-05.136W				Red nun.	Maintained from June 1 to October 1.
27853.5	- Buoy 51	60-29-30.514N 162-17-20.457W				Green can.	Maintained from June 1 to October 1.
27853.7	- Buoy 52	60-31-01.058N 162-17-35.454W				Red nun.	Maintained from June 1 to October 1.
27854	- Buoy 53	60-31-14.694N 162-17-34.908W				Green can.	Maintained from June 1 to October 1.
27854.5	- Buoy 55	60-31-51.454N 162-16-50.763W				Green can.	Maintained from June 1 to October 1.
27854.7	- Buoy 56	60-31-46.466N 162-16-29.052W				Red nun.	Maintained from June 1 to October 1.
27855	- Buoy 57	60-32-49.668N 162-14-47.826W				Green can.	Maintained from June 1 to October 1.
27855.2	- Buoy 58	60-34-23.898N 162-14-41.970W				Red nun.	Maintained from June 1 to October 1.
27855.7	- Buoy 60	60-35-11.592N 162-14-53.166W				Red nun.	Maintained from June 1 to October 1.
27856.2	- Buoy 62	60-35-24.036N 162-13-11.748W				Red nun.	Maintained from June 1 to October 1
27856.4	- Buoy 63	60-35-38.826N 162-13-24.744W				Green can.	Maintained from June 1 to October 1.
27856.5	- Buoy 65	60-35-58.134N 162-12-34.470W				Green can.	Maintained from June 1 to October 1.
27857	- Buoy 66	60-37-11.634N 162-11-24.936W				Red nun.	Maintained from June 1 to October 1.
27857.9	MXAK Bethel ASTA	60-47-29.231N 161-44-55.162W					AIS transceiver. MMSI: 993032014 Private aid.
27858	Kwigillingok River Entrance Buoys (12) Marks channel into river.	59-50-57.200N 163-08-08.288W				Red or green oil drums.	Maintained from May 15 to Oct. 15.
27859	Mekoryuk Breakwater Daybeacon 2	60-23-15.102N 166-11-02.275W				TR on skeleton tower.	
27859.5 1293	SHELDON POINT LIGHT	62-32-21.197N 165-01-13.245W	FI W 2.5s	18	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27860 1295	YUKON RIVER SOUTH ENTRANCE LIGHT	62-35-24.323N 164-57-44.316W	FI W 6s	20	8	NR on skeleton tower.	Maintained from July 1 to Nov. 1. Ra ref. Position Approximate.
27865 1300	KWIGUK PASS ENTRANCE LIGHT	62-48-07.031N 164-52-04.108W	FI W 2.5s	18	8	NR on skeleton tower.	Maintained from July 1 to Nov. 1. Ra ref.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
No.	Name and Location	Position	Characteristic	Height	Range	Structure	Remarks
			ALASKA - Seventee	enth District	Ì		
	NG SEA (Eastern Part) (Chart 10 okwim River	6006)					
27870 1305	YUKON RIVER MIDDLE ENTRANCE LIGHT	63-04-25.205N 164-38-01.726W	FI W 4s	18	8	NR on skeleton tower.	Obscured from 176° to 266°. Maintained from July 1 to Nov. 1. Ra ref.
27872	OKWEGA PASS LIGHT OP	63-02-27.397N 163-39-20.861W	FI (2+1)G 6s	30	4	JG on skeleton tower.	Maintained from July 1 to Nov. 1.
27874 1309	KAKUKTAHUK PASS ENTRANCE LIGHT	63-08-50.016N 163-35-11.610W	FI W 2.5s	18	8	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27875 1310	YUKON RIVER NORTH ENTRANCE LIGHT	63-02-26.556N 163-22-46.416W	FI W 6s	19	8	NR on skeleton tower.	Obscured from 286° to 161°. Maintained from July 1 to Nov. 1. Ra ref.
Norte	on Sound						
27895 1315	POINT ROMANOF LIGHT	63-11-59.484N 162-50-00.403W	FI W 6s	25	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27900 1320	CAPE STEPHENS LIGHT	63-32-27.168N 162-18-49.148W	FI W 4s	200	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27905	WHALE ISLAND LIGHT	63-29-27.229N 161-59-50.288W	FI W 4s	53	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27910 1325	EGG ISLAND LIGHT	63-36-39.541N 161-44-35.349W	FI W 6s	90	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27915	Unalakleet River Buoys (About 6) Marks channel into	63-52-57.420N 160-47-09.009W				Red nuns or green cans.	Maintained from June 1 to Nov. 1.
27920	Unalakleet. UNALAKLEET RIVER SOUTH SPIT LIGHT	63-52-03.597N 160-47-15.737W	FI W 4s	15	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27925	SHAKTOOLIK RIVER ENTRANCE LIGHT	64-22-43.147N 161-14-09.810W	FI W 4s	14	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27930	Koyuk River Entrance Buoys (About 12) Marks sides of channel across flats; outer buoy about 9 miles from mouth of river.	64-52-57.531N 161-11-09.411W				Red or green oil drums.	Maintained from July 1 to Oct. 1
Golo 27955 1335	vnin Bay ROCKY POINT LIGHT	64-23-52.920N 163-08-59.704W	FI W 2.5s	175	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
Nome	e Harbor						
27960	MXAK Nome ASTA	64-33-54.601N 165-26-01.136W					AIS transceiver. MMSI: 993032019 Private aid.
27962	- ENTRANCE LIGHT 2	64-29-34.288N 165-26-08.859W	FIR 4s	20	3	On spindle.	Maintained from July 1 to Nov. 1.
27963	- ENTRANCE LIGHT 1	64-29-33.574N 165-26-22.719W	FI G 4s	20	3	On spindle.	Maintained from July 1 to Nov. 1.
27964	- Buoy 1	64-29-47.360N 165-26-03.250W				Green can.	Maintained from June 1 to Oct 15. Private aid.
27965	- Buoy 2	64-29-45.560N 165-25-56.270W				Red nun.	Maintained from June 1 to Oct 15. Private aid.
27966	- Buoy 3	64-29-50.200N 165-25-56.740W				Green can.	Maintained from June 1 to Oct 15. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BER	ING SEA (Eastern Part) (Chart 1	6006)	ALASKA - Sevente	enth Distric			
	e Harbor	04.00.40.40011				Determina	Materials and for an I are 4 to 0 at
27967	- Buoy 4	64-29-49.490N 165-25-53.800W				Red nun.	Maintained from June 1 to Oct 15. Private aid.
27968	- Buoy 5	64-30-04.800N 165-25-34.800W				Green can	Maintained from June 1 to Oct 15. Private aid.
27969	- Buoy 7	64-30-03.810N 165-25-28.800W				Green can.	Maintained from June 1 to Oct 15. Private aid.
27970	- Buoy 8	64-30-01.290N 165-25-31.130W				Red nun.	Maintained from June 1 to Oct 15. Private aid.
27971	- Buoy 9	64-30-02.500N 165-25-22.210W				Green can.	Maintained from June 1 to Oct 15. Private aid.
27972	- RANGE FRONT LIGHT	64-30-14.128N 165-25-22.864W	Iso Y 6s	33		KRW on skeleton tower.	Visible 4° each side of rangeline
27973	 RANGE REAR LIGHT 167yds at 029.9°T from front range light. 	64-30-18.400N 165-25-17.157W	QY	66		KRW on skeleton tower.	Visible 4° each side of rangeline
BER	ING SEA (Eastern Part) (Chart 1	6006)					
27975 1350	POINT SPENCER LIGHT	65-16-37.905N 166-50-56.338W	FI W 6s	22	7	NR on skeleton tower.	Maintained from Jul. 1 to Nov. 1
27980	GRANTLEY HARBOR LIGHT 1	65-16-36.541N 166-20-51.652W	FI G 4s	15	7	SG on skeleton tower.	Maintained from July 1 to Nov. 1.
27982	Grantley Harbor Daybeacon 2	65-16-22.965N 166-21-09.245W				TR on skeleton tower.	Maintained from July 1 to Nov. 1.
	E PRINCE OF WALES TO POINT	Γ BARROW (Chart 1	6005)				
27985	CAPE ESPENBERG LIGHT	66-33-26.818N 163-36-29.136W	FI W 2.5s	28	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27990	Kotzebue Buoys (About 8) Marks entrance to Kotzebue.	66-50-57.539N 163-50-10.145W				Red nuns or green cans.	Maintained from July 1 to Sept. 20.
27993	MXAK Kotzebue ASTA	66-54-03.413N 162-35-22.063W					AIS transceiver. MMSI: 993032029 Private aid.
27995	CAPE DECEIT LIGHT	66-05-56.513N 162-45-01.787W	FI W 6s	200	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
28000	RILEY CHANNEL ENTRANCE LIGHT	66-46-59.933N 161-51-18.536W	FI W 6s	17	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
CAR	E PRINCE OF WALES TO POINT	F BABBOW (Chart 1	COOE)				
28000.1	COMINCO RED DOG FRONT LIGHT		FI W 2s	80		On pier.	Private aid.
28000.2	COMINCO RED DOG REAR LIGHT	67-34-39.560N 164-03-20.180W	FI W 10s	112		On tower.	Private aid.
28000.4	POINT HOPE LIGHT	68-19-55.066N 166-31-30.716W	FI W 6s	74	6	NR on skeleton tower.	
28000.5	MXAK Point Hope ASTA	68-20-57.869N 166-44-12.570W					AIS transceiver. MMSI: 993032031 Private aid.
28000.6	MXAK Point Lay ASTA	69-44-34.735N 163-00-35.622W					AIS transceiver. MMSI: 993032030 Private aid.
28000.7	MXAK Wainwright ASTA	70-38-10.540N 160-02-01.331W					AIS transceiver. MMSI: 993032028 Private aid.
28000.8	MXAK Utqiagvik ASTA	71-18-53.528N 156-43-18.354W					AIS transceiver. MMSI: 993032007 Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Sevente	enth District	<u> </u>		
POINT 28001	BARROW TO HERSCHEL ISL OOOGURUK ARTIFICIAL ISLAND LIGHTS (4)	AND (Chart 16004) 70-29-45.000N 150-14-48.000W	QW	20		On each corner of island.	Maintained from July 1 to Oct 1. Private aid.
28002	West Dock Safe Water Lighted Buoy	70-24-31.800N 148-32-27.000W	QG			Green.	Maintained from July 1 to Oct 1. Private aid.
28002.1	West Dock Northwest Exclusionary Buoy	70-23-27.520N 148-31-21.900W				White with orange band.	Maintained from June 1 to Oct 1 Private aid.
28002.2	West Dock West Exclusionary Buoy	70-23-24.700N 148-31-19.300W				White with orange band.	Maintained from June 1 to Oct 1 Private aid.
28002.3	West Dock Southwest Exclusionary Buoy	70-23-21.880N 148-31-16.130W				White with orange band.	Maintained from June 1 to Oct 1 Private aid.
28002.4	West Dock Northeast Exclusionary Buoy	70-23-29.140N 148-31-10.350W				White with orange band.	Maintained from June 1 to Oct 1 Private aid.
28002.5	West Dock East Exclusionary Buoy	70-23-26.320N 148-31-07.930W				White with orange band.	Maintained from June 1 to Oct 1 Private aid.
28002.6	West Dock Southeast Exclusionary Buoy	70-23-23.500N 148-31-05.340W				White with orange band.	Maintained from June 1 to Oct 1 Private aid.
28003	MXAK Prudhoe ASTA	70-13-19.283N 148-25-10.099W					AIS transceiver. MMSI: 993032006 Private aid.
28004	MXAK Kaktovik ASTA	70-07-39.234N 143-36-57.344W					AIS transceiver. MMSI: 993032027 Private aid.
			HAWAII - Fourteei	nth District			
HAWA 28005	All TO OAHU (Chart 19340) NOAA Data Lighted Buoy 51004	17-32-00.000N 152-15-18.000W	FI (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration. Private aid.
		В	ACIFIC OCEAN - Fou	rtoonth Diet	riot		
HAWA	AliAN ISLANDS (Chart 504)	F/	ACIFIC OCEAN - FOU	rteenth Dist	rict		
28005.1	NOAA Data Lighted Buoy 51002	17-02-35.000N 157-44-30.000W	FI (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration. Private aid.
28005.3	Moby Research Lighted Buoy	20-49-00.000N 157-11-36.000W	FIY4s				Private aid.
28005.5	NOAA DART Data Lighted Buoy 51407	19-38-31.000N 156-30-56.000W	FI (4)Y 20s				Private aid.
28005.7	NOAA Data Lighted Buoy 51003	19-11-46.000N 160-38-19.000W	FI (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration. Private aid.
28005.9	NOAA Data Lighted Buoy 51000	23-31-42.000N 153-47-30.000W	FI (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration. Private aid.
28006	NOAA Data Lighted Buoy 51001	24-27-10.000N 162-00-00.000W	FI (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration. Private aid.
28006.3	NOAA Data Lighted Buoy 51101	24-21-40.000N 162-04-30.000W	FI (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration. Private aid.
			HAWAII - Fourteei	nth District			
HAWA 28006.5	AIIAN ISLANDS (Chart 504) UH WHOTS Site Lighted Buoy	22-40-00.000N 157-57-00.000W	FIY4s				Private aid.
			HAWAIIAN ISLAND	S (Chart 504)		
Hawai 28007	ian Islands (Chart 19004) FAD Site HK - Hakalau, Hawaii	19-58-36.000N 154-59-00.000W	FIY4s			Yellow spherical buoy.	Private aid.
28007.01	FAD Site G - Pepeekeo, Hawaii	19-51-12.000N 154-54-24.000W	FIY4s			Yellow spherical buoy.	Private aid.
28007.03	FAD Site E - Leleiwi, Hawaii	19-46-06.000N 154-54-48.000W	FIY4s			Yellow spherical buoy.	Private aid.
28007.05	FAD Site D - Kumakahi, Hawaii	19-37-30.000N 154-46-42.000W	FIY4s			Yellow spherical buoy.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAIIAN ISLAND	S (Chart 504)		
	ian Islands (Chart 19004) FAD Site KH - Kehena, Hawaii	19-20-54.000N 154-52-48.000W	FIY4s			Yellow spherical buoy.	Private aid.
8007.09	FAD Site SS - Apua Point, Hawaii	19-06-48.000N 155-14-30.000W	FIY4s			Yellow spherical buoy.	Private aid.
8007.11	FAD Site RN - Palima Point, Hawaii	19-04-54.000N 155-25-30.000W	FIY4s			Yellow spherical buoy.	Private aid.
8007.13	FAD Site A - South Point, Hawaii	18-57-21.000N 155-33-24.000W	FIY4s			Yellow spherical buoy.	Private aid.
8007.15	FAD Site TT - Kanewaa Point, Hawaii	19-04-36.000N 155-57-24.000W	FIY4s			Yellow spherical buoy.	Private aid.
8007.17	FAD Site B - Milolii, Hawaii	19-11-54.000N 155-56-54.000W	FIY4s			Yellow spherical buoy.	Private aid.
8007.19	FAD Site UU - Auau Point, Hawaii	19-16-48.000N 155-57-06.000W	FIY4s			Yellow spherical buoy.	Private aid.
8007.21	FAD Site C - Loa Point, Hawaii	19-23-06.000N 155-59-12.000W	FIY4s			Yellow spherical buoy.	Private aid.
8007.22	FAD Site WH1	19-23-25.000N 156-16-50.000W	FIY4s				Private aid.
8007.23	FAD Site V V - Kahaluu, Hawaii	19-35-06.000N 156-01-54.000W	FIY4s			Yellow spherical buoy.	Private aid.
8007.25	FAD Site F - Kailua Kona, Hawaii	19-30-24.000N 156-09-24.000W	FIY4s			Yellow spherical buoy.	Private aid.
8007.27	FAD Site OT - Waikoloa, Hawaii	19-52-36.000N 156-11-36.000W	FIY4s			Yellow spherical buoy.	Private aid.
8007.29	FAD Site XX - Puako, Hawaii	20-02-12.000N 156-06-12.000W	FIY4s			Yellow spherical buoy.	Private aid.
3007.31	FAD Site ZZ - Mahukona, Hawaii	20-09-50.000N 155-57-50.000W	FIY4s			Yellow spherical buoy.	Private aid.
3007.33	FAD Site DD - Opana Point, Maui	21-02-06.000N 156-15-24.000W	FIY4s			Yellow spherical buoy.	Private aid.
3007.35	FAD Site Q - Pauwela Point, Maui	21-08-30.000N 156-07-42.000W	FIY4s			Yellow spherical buoy.	Private aid.
3007.37	FAD Site HO - Hoolawa Point, Maui	20-56-24.000N 156-00-48.000W	FIY4s			Yellow spherical buoy.	Private aid.
3007.39	FAD SITE MFH1	21-17-30.000N 156-16-00.000W	FIY4s			Yellow skiff	Private aid.
3007.4	FAD SITE MTBC 1	21-20-00.000N 156-28-48.000W	FY				Private aid.
3007.41	FAD SITE MFH2	21-11-04.999N 155-50-00.499W	FIY4s			Yellow skiff	Private aid.
8007.42	FAD SITE MTBC 2	21-13-47.400N 156-02-32.000W	FY				Private aid.
8007.43	PacIOOS Wave Lighted Buoy Pauwela	21-01-04.800N 156-25-30.000W	FIY 5s			Datawell Waverider Buoy. Yellow hull with light antenna 6ft above waterline.	Private aid.
8008	FAD Site FF - Pukaulua Point, Maui	20-50-07.200N 155-43-54.000W	FIY4s			Yellow spherical buoy.	Private aid.
8008.01	FAD Site M - Hana Bay, Maui	20-44-54.000N 155-50-30.000W	FIY4s			Yellow spherical buoy.	Private aid.
8008.03	FAD Site NL - Nuu Landing, Maui	20-32-54.000N 156-09-30.000W	FIY4s			Yellow spherical buoy.	Private aid.
8008.05	FAD Site GG - Nakaohu Point, Maui	20-32-00.000N 156-16-00.000W	FIY4s			Yellow sherical buoy.	Private aid.
8008.07	FAD Site HS - Halona Point - Kahoolawe	20-27-00.000N 156-29-06.000W	FIY4s			Yellow spherical buoy.	Private aid.
3008.09	FAD Site JJ - Kamohio, Kahoolawe	20-24-12.000N 156-38-00.000W	FIY4s			Yellow spherical buoy.	Private aid.
8008.11	FAD Site SO - Kahoolawe	20-31-24.000N 156-52-18.000W	FI (5)Y 20s			Yellow spherical buoy.	Private aid.
8008.15	FAD Site K - Palaoa, Lanai	20-40-06.000N 157-02-36.000W	FIY4s			Yellow spherical buoy.	Private aid.
3008.17	FAD Site MC - Palaoa, Lanai	20-35-54.000N 157-08-30.000W	FIY4s			Yellow spherical buoy.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAIIAN ISLAND	S (Chart 504)			
Hawai 28008.19	ian Islands (Chart 19004) FAD Site CC - Kaena Point, Lanai	20-55-18.000N 157-10-42.000W	FIY4s			Yellow spherical buoy.	Private aid.
28008.21	FAD Site N - Cape Halawa, Molokai	21-20-54.000N 156-35-00.000W	FIY4s			Yellow spherical buoy.	Private aid.
28008.23	FAD Site X - Kahuku Point, Oahu	21-51-48.000N 157-59-36.000W	FIY4s			Yellow spherical buoy.	Private aid.
28008.25	FAD site LL Hauula - Oahu	21-45-22.440N 157-45-16.620W	FIY4s			Yellow spherical buoy.	Private aid.
28008.27	FAD Site U - Kaneohe, Oahu	21-34-54.000N 157-41-30.000W	FIY4s			Yellow spherical buoy.	Private aid.
28008.29	FAD Site MM - Mokapu Point, Oahu	21-36-24.000N 157-31-12.000W	FIY4s			Yellow spherical buoy.	Private aid.
28008.31	FAD Site T - Makapuu, Oahu	21-30-12.000N 157-25-48.000W	FIY4s			Yellow spherical buoy.	Private aid.
28008.33	FAD Site P - Penguin Bank, Oahu	20-46-24.000N 157-48-42.000W	FIY4s			Yellow spherical buoy.	Private aid.
28008.35	FAD Site HH - Pearl Harbor, Oahu	21-02-06.000N 158-02-06.000W	FIY4s			Yellow spherical buoy.	Private aid.
28008.37	FAD Site BO - Barbers Point, Oahu	21-09-00.000N 158-09-06.000W				Yellow spherical buoy.	Private aid.
28009	FAD Site S - Pokai Bay, Oahu	21-23-48.000N 158-14-48.000W	FIY4s			Yellow spherical buoy.	Private aid.
28009.01	FAD Site R - Makaha, Oahu	21-27-30.000N 158-16-54.000W	FIY4s			Yellow spherical buoy.	Private aid.
28009.03	FAD Site V - Makua, Oahu	21-32-18.000N 158-18-48.000W	FIY4s			Yellow spherical buoy.	Private aid.
28009.05	FAD Site CO - Kaena Point, Oahu	21-33-42.000N 158-26-48.000W	FIY4s			Yellow spherical buoy.	Private aid.
28009.07	FAD Site II - Haleiwa, Oahu	21-44-48.000N 158-13-18.000W	FIY4s			Yellow spherical buoy.	Private aid.
28009.09	FAD Site J - Wailalee, Oahu	21-50-00.000N 158-08-48.000W	FIY4s			Yellow spherical buoy.	Private aid.
28009.11	FAD Site EK - Hanalei, Kauai	22-19-36.000N 159-29-30.000W	FIY4s			Yellow spherical buoy.	Private aid.
28009.13	FAD Site BB - Moloaa, Kauai	22-13-36.000N 159-13-54.000W	FIY4s			Yellow spherical buoy.	Private aid.
28009.15	FAD Site DK - Anahola, Kauai	22-07-30.000N 159-13-42.000W	FIY4s			Yellow spherical buoy.	Private aid.
28009.17	FAD Site WK - Wailua, Kauai	22-01-18.000N 159-12-54.000W	FIY4s			Yellow spherical buoy.	Private aid.
28009.19	FAD Site Z - Kipukai, Kauai	21-52-30.000N 159-18-30.000W	FIY4s			Yellow spherical buoy.	Private aid.
28009.21	FAD Site CK - Makahuena Point, Kauai	21-48-24.000N 159-21-30.000W	FIY4s			Yellow spherical buoy.	Private aid.
28009.23	FAD Site PP - Koloa, Kauai	21-47-42.000N 159-34-12.000W	FIY4s			Yellow spherical buoy.	Private aid.
28009.25	FAD Site AA - Port Allen, Kauai	21-49-18.000N 159-36-36.000W	FIY4s			Yellow spherical buoy.	Private aid.
28009.27	FAD Site KK - Waimea, Kauai	21-51-54.000N 159-43-54.000W					Private aid.
			HAWAII - Fourtee	nth District			
ISLAN 28010	ID OF HAWAII (Chart 19320) Kauhola Point Light	20-14-46.649N 155-46-17.206W	FI W 15s	108	10	White monopole 86	Obscured from 306° to 101°.
28015	KUKUIHAELE POINT LIGHT	20-07-40.732N 155-33-21.669W	Iso W 6s	154	8	White concrete tower.	
28020	LAUPAHOEHOE POINT LIGHT	19-59-37.390N 155-14-26.051W	FI W 2.5s	39	7	NB on post.	
28021	LAUPAHOEHOE HARBOR BREAKWATER LIGHT 2	19-59-30.324N 155-14-23.422W	FIR 4s	27	4	TR on post.	
28025	Pepeekeo Point Light	19-50-50.110N 155-04-57.636W	FI W 4s	147	12	NB on steel monopole. 72	
28030	PAUKAA POINT LIGHT	19-45-44.020N 155-05-23.142W	FI G 6s	145	9	White pyramidal concrete tower.	Obscured from 350° to 190°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteent	th District			
	ND OF HAWAII (Chart 19320) Harbor						
28035	- Entrance Lighted Buoy 1	19-44-33.587N 155-04-47.123W	FI G 2.5s		5	Green.	AIS: MMSI 993699986
28040	- BREAKWATER LIGHT	19-44-34.225N 155-04-30.070W	FI W 2.5s	39	8	NB on white post.	AIS: MMSI 993699987
28050	Coconut Point Directional Light	19-43-36.864N 155-05-10.334W	Oc G 4s	39	15	White concrete tower. 27	Visible 4° each side of 197°.
28052	Hilo Bay Water Quality Buoy	19-44-02.400N 155-04-51.600W	FIY4s				Private aid.
ISLA 28053	NND OF HAWAII (Chart 19320) PacIOOS Wave Lighted Buoy Hilo	19-46-48.000N 154-58-12.000W	FIY5s			Datawell Waverider Buoy. Yellow hull with light antenna 6ft above waterline.	Private aid.
	Harbor						
28055	- Lighted Buoy 3	19-44-12.488N 155-04-32.422W	QG		4	Green.	AIS: MMSI 993699985
28060	- RANGE FRONT LIGHT	19-43-56.906N 155-03-12.261W	QG	71		KRW on post.	Visible 4° each side of rangeline. Lighted throughout 24 hours. AIS: MMSI 993699977
28065	- RANGE REAR LIGHT 468 yards, 097.2° from front light.	19-43-55.089N 155-02-57.596W	Iso G 6s	127		KRW on square pyramidal skeleton tower.	Visible 4° each side of rangeline Lighted throughout 24 hours. AIS: MMSI 993699976
28070	- Lighted Buoy 4	19-44-00.889N 155-04-05.022W	FIR 4s		4	Red.	AIS: MMSI 993699984
28075	- Lighted Buoy 5	19-44-03.989N 155-03-50.022W	FI G 2.5s		4	Green.	AIS: MMSI 993699978
28080	- Buoy 6	19-43-52.790N 155-03-50.072W				Red nun.	AIS: MMSI 993699979
28085	- Lighted Buoy 7	19-44-03.789N 155-03-40.922W	FI G 4s		4	Green.	AIS: MMSI 993699980
28090	Reeds Bay Rock Daybeacon A	19-43-40.800N 155-03-40.320W				NW on pile worded ROCK.	Private aid.
28095	Reeds Bay Rock Daybeacon B	19-43-38.880N 155-03-40.200W				NW on pile worded ROCK.	Private aid.
28105	- Lighted Buoy 9	19-44-03.690N 155-03-28.222W	FI G 2.5s		4	Green.	AIS: MMSI 993699982
28110	- Buoy 10	19-43-50.683N 155-03-29.810W				Red nun.	AIS: MMSI 993699975
28120	WAILOA BASIN CHANNEL LIGHT 1	19-43-27.107N 155-04-16.396W	FI G 4s	15	4	SG on pile.	AIS: MMSI 993699983
ISLA 28125	ND OF HAWAII (Chart 19320) WAILOA BASIN CHANNEL LIGHT 2	19-43-27.674N 155-04-18.502W	FI R 2.5s	15	4	TR on pile.	AIS: MMSI 993699981
28135	POHOIKI BAY BREAKWATER LIGHT 2	19-27-19.175N 154-50-26.099W	FIR 4s	23	5	TR on spindle.	
28140	KA LAE LIGHT	18-54-43.721N 155-40-54.622W	FI W 6s	60	8	NB on white concrete post.	
28145	MILOLII POINT LIGHT	19-11-13.166N 155-54-28.858W	FI W 4s	44	6	NB on post.	
28150	NAPOOPOO LIGHT	19-28-45.761N 155-56-11.044W	FI W 6s	27	7	White pyramidal concrete tower.	Obscured in Kealakekua Bay when bearing is less than 291°.
Kea	uhou Bay						
28165	- ENTRANCE DIRECTIONAL LIGHT	19-33-42.956N 155-57-43.612W	Q W (R & G sectors)	23	W 14 G 11 R 11	On same structure as Keauhou Bay Range Rear Daybeacon.	Lighted throughout 24 hours. White 1° each side of channel centerline (bearing 069°). Red when right of white beam (068°-064°). Green when left of white beam (070°-074°) when entering from seaward.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ISLAND OF HAWAII (Chart 1932	0)		
28176	Kampachi Farm Lighted Buoy 1	19-33-00.000N 156-04-00.000W	FI Y 5s		- 7		Private aid.
28176.1	Kampachi Farm Lighted Buoy 2	19-33-00.000N 156-04-00.000W	FIY5s				Private aid.
			HAWAII - Fourteen	th District			
ISLA	ND OF HAWAII (Chart 19320)						
28180	KAILUA BAY ENTRANCE DIRECTIONAL LIGHT	19-38-18.533N 155-59-48.690W	FI W 4s (R & G sectors)	31	W 7 G 5 R 5	NB on post.	Centerline (bearing 023°). White visible 3° each side of centerline. Green visible from (026°-060°). Red visible from (310°-020°).
28185	Kailua Light	19-38-16.150N 156-00-03.249W	FI W 6s	32	13	White pyramidal concrete tower.	Obscured from 120° to 263°.
	kohau Harbor						
28190	- Approach Lighted Buoy 1	19-40-06.437N 156-01-49.826W	FI G 2.5s		3	Green.	
28195	- ENTRANCE CHANNEL DIRECTIONAL LIGHT	19-40-11.877N 156-01-33.742W	Iso W 6s (R & G sectors)	27	W 8 G 6 R 6	NB on pile. 20	White 2° each side of centerline of channel (bearing 064°). Red when right of white beam (062°-057°). Green when left of white beam (066°-071°) when entering from seaward.
28200	- ENTRANCE CHANNEL LIGHT 3	19-40-11.555N 156-01-37.914W	FI G 4s	25	5	SG on spindle.	
28205	- CHANNEL LIGHT 4	19-40-09.447N 156-01-35.994W	FIR 4s	25	5	TR on post.	
28210	- Channel Daybeacon 5	19-40-09.771N 156-01-33.202W				SG on pile.	
28213	Aqualink Lighted Buoy Kona	19-43-39.000N 156-03-43.000W	FIY4s				Private aid.
28215	KEAHOLE POINT LIGHT	19-43-40.384N 156-03-39.889W	FI W 6s (R sector)	43	W 9 R 6	NB on post.	Red from 185° to 343°, covers rocks off Makolea and Kaiwi Points.
				b 40004			
28216.1	Keahole Point Warning Lighted Buoy A	/ 19-44-47.000N 156-03-42.000W	Hawaiian Islands (C Q W	nart 19004)		Private aid.
28216.2	Keahole Point Warning Light Buoy B	19-44-34.000N 156-03-34.000W	QW				Private aid.
28216.3	Keahole Point Warning Lighted Buoy C	19-44-23.000N 156-03-42.000W	QW				Private aid.
28216.4	Keahole Point Warning Lighted Buoy D	19-44-35.000N 156-03-53.000W	QW				Private aid.
			HAWAII - Fourteen	th District			
ISLAI	ND OF HAWAII (Chart 19320)						
	okohau Harbor Kiholo Water Quality Buoy	19-51-36.000N 155-55-48.000W	FIY4s				Private aid.
	nihae Bay	155-55-46.00000					
	o Small Boat Harbor	40 50 00 4001	0004-	20		On novement	Drivete aid
28220	- LIGHT	19-58-26.400N 155-49-53.400W	Oc G 4s	30		On power pole. Flood light for launching ramp also on power pole.	Private aid.
28225	- Buoy 1	19-58-31.800N 155-50-00.500W				Green spar.	Private aid.
28230	- Buoy 2	19-58-31.500N 155-50-00.800W				Red spar.	Private aid.
28235	- Buoy 3	19-58-30.600N 155-50-00.060W				Green can.	Private aid.
28240	- Buoy 4	19-58-29.900N 155-50-00.100W				Red nun.	Private aid.
28245	- Buoy 5	19-58-29.300N 155-49-58.700W				Green can.	Private aid.
28250	- Buoy 6	19-58-28.900N 155-49-58.800W				Red nun.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	D OF HAWAII (Chart 19320) hae Bay		HAWAII - Fourteer	nth District			
Puako	Small Boat Harbor						
28255	- Buoy 7	19-58-27.840N 155-49-56.880W				Green can.	Private aid.
28260	- Buoy 8	19-58-27.400N 155-49-57.400W				Red nun.	Private aid.
28265	- Buoy 9	19-58-28.000N 155-49-57.100W				Green can.	Private aid.
28270	KAWAIHAE LIGHT	20-02-29.154N 155-49-58.296W	FI W 6s	59	9	White pyramidal concrete tower.	
			Kawaihae Light D	raft Harbor			
28271	Kawaihae LT Draft Harbor Buoy 2	20-01-18.690N 155-49-54.030W					Aid maintained by State DOT Private aid.
28271.05	Kawaihae LT Draft Harbor Water Quality Lighted Buoy	20-01-26.911N 155-49-42.568W	FI Y 4s			2' yellow foam buoy with steel bumper.	Private aid.
28271.1	Kawaihae LT Draft Harbor Buoy 3	20-01-32.052N 155-49-45.642W					Aid maintained by State DOT Private aid.
28271.2	- LIGHT 5	20-01-36.717N 155-49-43.342W	FI G 6s	15	5		
28271.3	Kawaihae LT Draft Harbor Buoy 6	20-01-37.260N 155-49-40.464W					Aid maintained by State DOT Private aid.
28271.4	- Breakwater Daybeacon 8 20-01-39.671N 155-49-41.495W	20-01-39.704N 155-49-41.585W				TR on pile.	
			HAWAII - Fourteer	nth District			
Kawai	D OF HAWAII (Chart 19320) hae Bay						
Kawai 28275	hae Harbor - Entrance Lighted Buoy 1	20-02-32.241N 155-50-22.620W	FI G 2.5s		5	Green.	
28280	- Entrance Lighted Buoy 2	20-02-26.621N 155-50-23.970W	FIR 4s		4	Red.	
28285	- CHANNEL RANGE FRONT LIGHT	20-02-05.737N 155-49-38.454W	QG	68		KRW on post.	Visible 4° each side of rangeline Lighted throughout 24 hours.
28290	- CHANNEL RANGE REAR LIGHT 246 yards, 120.1° from front light.	20-02-02.077N 155-49-31.749W	Iso G 6s	92		KRW on post.	Visible 4° each side of rangeline Lighted throughout 24 hours.
28295	- Channel Buoy 3	20-02-24.171N 155-50-07.821W				Green can.	
28300	- Channel Buoy 4	20-02-20.421N 155-50-10.271W				Red nun.	
28310	- CHANNEL SOUTH BREAKWATER LIGHT 6	20-02-14.240N 155-50-02.085W	FI R 2.5s	20	4	TR on spindle.	
28315	- CHANNEL LIGHT 5	20-02-18.910N 155-49-55.173W	FI G 4s	20	5	SG on concrete base.	
28320	- SOUTH BREAKWATER LIGHT 8	20-02-04.639N 155-50-01.715W	FI R 2.5s	20	4	TR on spindle.	Obscured from 140° clock wise to 357°
28325	MAHUKONA LIGHT	20-10-49.083N 155-54-05.580W	FI W 4s	64	6	White pyramidal concrete tower.	
HAWA	All TO OAHU (Chart 19340)						
Maui I : 28330	sland NAKALELE POINT LIGHT	21-01-44.679N	FI W 2.5s	142	6	NB on pile.	
28335	Waihee Reef Lighted Buoy 2	156-35-25.742W 20-55-42.768N	FIR 4s		4	Red.	
		156-28-30.933W					

		Position	Characteristic	Height	Range	Structure	(8) Remarks
HAW	All TO OAHU (Chart 19340)		HAWAII - Fourteer	nth District			
Maui I	Island Iui Harbor						
28345	- ENTRANCE RANGE REAR LIGHT 454 yards, 176.8° from front light.	20-53-13.337N 156-28-18.826W	FR	91		KRW on post.	Visible 4° each side of rangelin Lighted throughout 24 hours.
28350	- ENTRANCE BREAKWATER LIGHT 3	20-54-02.393N 156-28-17.515W	FI G 2.5s	25	6	SG on post. 18	
28355	- ENTRANCE BREAKWATER LIGHT 4	20-54-01.196N 156-28-26.908W	FI R 2.5s	25	6	TR on spindle.	
28360	- Buoy 5	20-53-59.960N 156-28-17.476W				Green can.	
28365	- Lighted Buoy 6	20-53-49.238N 156-28-29.029W	QR		3	Red nun.	
28370	- Lighted Buoy 8	20-53-42.579N 156-28-25.734W	FIR 6s		4	Red.	
28375	- Buoy 10	20-53-35.680N 156-28-20.184W				Red nun.	
28380	- Lighted Buoy 12	20-53-39.479N 156-28-13.234W	FIR 4s		4	Red.	
Kahul 28380.5	lui Boat Ramp - Range Front Daybeacon	20-53-42.730N 156-28-43.069W				KRW on post.	Private aid.
28381	- Range Rear Daybeacon	20-53-42.200N 156-28-44.600W				KRW on post.	Private aid.
			Kahului Boat	Ramp			
28381.1	- Buoy 1	20-53-47.000N 156-28-32.000W					Aid maintained by State DOT Private aid.
28381.2	- Buoy 2	20-53-47.400N 156-28-32.300W					Aid maintained by State DOT Private aid.
28381.3	- Buoy 3	20-53-45.600N 156-28-35.500W					Aid maintained by State DOT Private aid.
28381.4	- Buoy 4	20-53-46.400N 156-28-35.500W					Aid maintained by State DOT Private aid.
28381.5	- Buoy 5	20-53-44.200N 156-28-38.700W					Aid maintained by State DOT Private aid.
28381.6	- Buoy 6	20-53-44.700N 156-28-38.600W					Aid maintained by State DOT Private aid.
28381.7	- Buoy 7	20-53-44.600N 156-28-41.700W					Aid maintained by State DOT Private aid.
28381.8	- Buoy 8	20-53-45.000N 156-28-40.900W					Aid maintained by State DOT Private aid.
28381.9	- Buoy 9	20-53-44.300N 156-28-43.000W					Aid maintained by State DOT Private aid.
			HAWAII - Fourteer	nth District			
	All TO OAHU (Chart 19340)						
Maui I 28385	Island Pauwela Point Light	20-56-44.068N 156-19-16.857W	FI W 15s	161	12	White Post.	
28390	KAUIKI HEAD LIGHT	20-45-25.553N 155-58-46.559W	FI W 2.5s	85	6	White pyramidal concrete tower.	
28395	Hana Bay Daybeacon	20-45-24.000N 155-59-00.000W				Two white diamond daymarks with red vertical stripe.	Private aid.
28397	FAD Site HC"1" - Hana, Maui	20-37-18.000N 155-52-17.760W	QY			Yellow raft.	Private aid.
28405	HANAMANIOA POINT LIGHT		FI W 4s	73	8	NB on post.	Obscured from 124° to 290°.
28410	MOLOKINI ISLAND LIGHT	20-37-50.043N 156-29-50.960W	FI W 2.5s	186	6	NR on post.	
Kihei 28411.1	Boat Ramp - Daybeacon 1	20-42-30.000N 156-26-48.000W				SG on pile.	Private aid.

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAW	All TO OAHU (Chart 19340)		HAWAII - Fourtee	nth District			
Maui	Island Channel						
28507.1	- LIGHT 1	20-53-15.060N 156-41-16.620W	FI G 4s	10		SG on pile.	Private aid.
28507.2	- LIGHT 2	20-53-14.400N 156-41-17.760W	FIR 4s	10		TR on pile.	Private aid.
28507.3	- LIGHT 3	20-53-12.240N 156-41-14.220W	FI G 4s	10		SG on pile.	Private aid.
28507.4	- LIGHT 4	20-53-11.760N 156-41-15.420W	FIR 4s	10		TR on pile.	Private aid.
28507.5	- LIGHT 5	20-53-09.960N 156-41-12.120W	FI G 4s	10		SG on pile.	Private aid.
28507.6	- LIGHT 6	20-53-09.420N 156-41-13.140W	FIR 4s	10		TR on pile.	Private aid.
28508.1	- Danger Daybeacon	20-53-17.000N 156-41-20.000W				NW on pile worded DANGER ROCKS.	Private aid.
	Island						
28510	HAWEA POINT LIGHT	21-00-14.313N 156-39-58.590W	FI W 6s	75	9	NB on post.	Obscured from 230° to 024°.
Lana i 28520	i Island POHAKULOA POINT LIGHT	20-55-44.618N	FI W 6s	30	W 8	NB on spindle.	Red from 268.5° to 276.5°.
20020	TOTARGEDAT GIVT EIGHT	156-59-15.613W	(R sector)	30	R 6	ND on spinale.	Ned Holli 200.5 to 270.5 .
28524	PacIOOS Wave Lighted Buoy Lanai	20-45-00.780N 157-00-12.420W	FI Y 5s			Datawell Waverider Buoy. Yellow hull with light antenna 6ft	Private aid.
						above waterline.	
28530	Manele Bay Lighted Buoy 2	20-44-18.775N 156-52-50.172W	FIR 4s		4	Red.	
28535	MANELE BAY BREAKWATER LIGHT	20-44-33.172N 156-53-12.474W	FI W 4s	20	6	On post on concrete structure.	
	ele Small Boat Harbor						
28540	- Buoy 1	20-44-30.000N 156-53-12.000W				Green can.	Private aid.
28545	- Buoy 2	20-44-33.600N 156-53-10.800W				Red nun.	Private aid.
28546	- Buoy 3	20-44-34.000N 156-53-12.000W				Green can.	Private aid.
28550	- Buoy 4	20-44-34.800N 156-53-12.000W				Red nun.	Private aid.
28551	- Buoy 6	20-44-34.000N 156-53-13.800W				Red nun.	Private aid.
28552	- Buoy 8	20-44-33.600N 156-53-15.000W				Red nun.	Private aid.
28553	Manele Bay Rock Danger Buoy	20-44-31.000N 156-53-16.000W				White sphere with orange diamond worded DANGER ROCK.	Private aid.
	i Island						
28554	PALAOA POINT LIGHT	20-43-56.467N 156-57-53.541W	FI W 6s (R sector)	91	W 7 R 5	On white skeleton tower.	Red from 260° to 280°. Covers rocks off of Puupehe Point.
Kaum	nalapau Harbor						
28555	KAUMALAPAU LIGHT	20-46-58.961N 156-59-29.644W	FI W 4s	68	5	NB on post.	Obscured from 180° to 000°.
28556	Moby Lighted Buoy 2	20-42-49.800N 157-09-10.800W	FIY6s			yellow lighted buoy	Private aid.
28560	- Entrance Lighted Buoy 1	20-47-06.825N 156-59-32.832W	FI G 2.5s		4	Green.	
28565	- Buoy 2	20-47-02.812N 156-59-30.252W				Red nun.	
28570	- Buoy 4	20-47-07.432N 156-59-27.162W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
П У У У	All TO OAUL! (Chart 40240)		HAWAII - Fourtee	nth District			
	All TO OAHU (Chart 19340) kai Island						
28575	Molokai Light	21-12-34.302N 156-58-10.820W	FI W 10s (NIGHT) FI W 10s	213 213	13 8	On white tower. 138	
28576	CAPE HALAWA LIGHT	21-09-32.749N 156-42-45.499W	FI W 2.5s	321	6	Steel pole on concrete base.	Obscured from 350° to 140°.
28585	Kamalo Bay Reef Lighted Buoy 2 Marks entrance to Kamalo Bay.	21-01-53.919N 156-52-33.966W	FIR 4s		4	Red.	
Kaun 28600	akakai Harbor (Chart 19353) Kaunakakai Harbor Lighted Buoy 2	21-04-34.498N 157-01-52.543W	FIR 4s		4	Red.	
28605	KAUNAKAKAI HARBOR RANGE FRONT LIGHT	21-05-15.899N 157-01-29.404W	QR	30		KRW on skeleton tower on house.	Visible 4° each side of rangeline
28610	KAUNAKAKAI HARBOR RANGE REAR LIGHT 200 yards, 033.8° from front light.	21-05-20.843N 157-01-25.892W	Iso R 6s	43		KRW on skeleton tower.	Visible 4° each side of rangeline
28615	Kaunakakai Harbor Lighted Buoy 3	21-04-39.380N 157-01-57.418W	FI G 4s		4	Green.	
28620	Kaunakakai Harbor Buoy 4	21-04-42.496N 157-01-50.470W				Red nun.	
28625	Kaunakakai Harbor Buoy 5	21-04-59.780N 157-01-46.165W				Green can.	
Kaun 28630	akakai Small Boat Harbor - Buoy 1	21-04-50.010N 157-01-44.600W				Green can.	Private aid.
28635	- Buoy 2	21-04-48.000N 157-01-42.000W				Red nun.	Private aid.
28640	- Buoy 3	21-05-00.000N 157-01-08.000W				Green can.	Private aid.
28645	- Buoy 4	21-04-09.000N 157-02-00.000W				Red nun.	Private aid.
28650	- Buoy 5	21-04-51.000N 157-01-40.900W				Green can.	Private aid.
28655	- Buoy 6	21-04-09.000N 157-02-00.000W				Red nun.	Private aid.
28660	- Buoy 8	21-05-00.000N 157-01-07.000W				Red nun.	Private aid.
28667	Lono Harbor Range Front Daybeacon	21-05-12.960N 157-14-59.400W				KWR on post.	Private aid.
28668	LAALL POINT LIGHT	21-05-14.340N 157-14-59.820W	ELW 2.50	151	7	KWR on post.	Private aid. Obscured from 189° to 286°.
28670	LAAU POINT LIGHT	21-05-58.937N 157-18-18.467W	FI W 2.5s	151	,	NB on spindle.	Obscured from 169 to 260 .
	u East Coast Kane'ohe Bay (Ch ipu Peninsula	iart 19359)					
28672	PacIOOS Wave Lighted Buoy Kaneohe East	21-28-38.845N 157-45-15.332W	FI Y 5s			3'X3' Yellow Datawell Waverider Buoy	Private aid.
28673	PacIOOS Wave Lighted Buoy Kaneohe West	21-28-38.500N 157-45-20.770W	FIY5s			3'X3' Yellow Datawell Waverider Buoy	Private aid.
Oʻah ı 28674.01	u East Coast Kane'ohe Bay (Ch WETS 1	art 19359) 21-28-27.200N 157-45-07.800W	FIY4s				Private aid.
28674.02	WETS 2	21-28-33.200N 157-45-14.600W	FIY4s				Private aid.
28674.03	WETS 3	21-28-23.600N 157-45-16.900W	FIY4s				Private aid.
28674.04	WETS 4	21-28-43.200N 157-45-34.000W	FIY4s				Private aid.
28674.05	WETS 5	21-28-49.400N 157-45-41.700W	FIY4s				Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	.		HAWAII - Fourteei	nth District			
Oʻahu 28674.06	I East Coast Kane'ohe Bay (Ch WETS 6	art 19359) 21-28-39.500N 157-45-44.000W	FIY4s				Private aid.
28674.08	WEC BUOY 1	21-28-00.000N 157-45-00.000W	FI Y 4s				Private aid.
Moka 28675	pu Peninsula Pyramid Rock Light	21-27-44.140N 157-45-48.780W	FI W 6s	101	10	On post on concrete structure with black and white markings.	
28675.2	Water Quality Buoy "CRIMP"	21-27-23.000N 157-47-46.000W	FIY4s			10	Private aid.
28675.3	CRIMP-3	21-28-49.000N 157-46-56.000W	FIY4s				Private aid.
Kaned	ohe Bay						
28680	- Entrance Channel Approach Lighted Buoy K	21-31-06.581N 157-48-13.897W	Mo (A) W		4	Red and white stripes with red spherical topmark.	
28685	- Channel Lighted Buoy 2	21-30-52.586N 157-48-40.098W	FIR 4s		4	Red.	AIS: MMSI 993692059
28690	- Channel Buoy 3	21-30-34.891N 157-48-57.998W				Green can.	AIS: MMSI 993692030
28695	- Channel Buoy 4	21-30-18.896N 157-49-20.699W				Red nun.	
28700	- Channel Daybeacon 5	21-29-57.400N 157-49-37.099W				SG on multi-pile structure.	
28705	- Channel Daybeacon 6	21-30-01.099N 157-49-42.299W				TR on multi-pile structure.	
28710	KANEOHE ENTRANCE AND KUALOA POINT RANGE FRONT LIGHT	21-29-44.534N 157-49-58.380W	QR	25		KRW on multi-pile structure.	Visible all around with higher intensity beam on rangeline.
28715	- ENTRANCE RANGE REAR LIGHT 559 yards, 227.3° from front light.	21-29-33.259N 157-50-11.413W	Iso R 6s	57		KRW on multi-pile structure.	Visible 4° each side of range line
28720	KUALOA POINT RANGE REAR LIGHT 235 yards, 348.9° from front light.	21-29-51.406N 157-49-59.815W	Iso R 6s	40		KRW on multi-pile structure.	Visible 4° each side of rangeline.
28723	- Channel Buoy 7	21-29-41.533N 157-49-49.090W				Green can.	
28725	- Channel Daybeacon 9	21-29-33.059N 157-49-48.603W				SG on dolphin.	
28730	- Channel Daybeacon 12	21-29-14.664N 157-49-57.195W				TR on pile.	
28735	- Channel Daybeacon 11	21-29-17.603N 157-49-48.620W				SG on pile.	
28740	- CHANNEL LIGHT 14	21-28-23.150N 157-49-44.417W	FIR 4s	15	4	TR on pile.	
28745	- Channel Daybeacon 15	21-28-13.288N 157-49-34.317W				SG on pile.	
28750	- Channel Lighted Buoy 17	21-27-54.333N 157-49-24.590W	QG		4	Green.	
28755	- CHANNEL LIGHT 18	21-27-39.726N 157-49-18.838W	FI R 2.5s	15	4	TR on pile.	
28760	- Channel Lighted Buoy 20	21-27-21.809N 157-48-42.903W	FIR 4s		4	Red.	
28765	- CHANNEL LIGHT 21	21-27-12.884N 157-48-13.247W	FI G 4s	15	5	SG on pile.	
28770	- CHANNEL DANGER LIGHT	21-26-56.509N 157-47-44.930W	QW	15	4	NW on pile worded DANGER SUBMERGED REEF.	
28775	- CHANNEL LIGHT 22	21-26-44.866N 157-47-38.256W	FIR 4s	15	4	TR on pile.	
28780	- Channel Daybeacon 23	21-26-46.338N 157-47-27.129W				SG on pile.	

157-48-18.309W	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Company Comp				HAWAII - Fourteer	th District			
ChANNEL LIGHT 25 21-26-58-287N Q G 15 4 SG on dolphin.		- · · · · · · · · · · · · · · · · · · ·	art 19359)					
157-17-12-105W				QG	15	4	SG on dolphin.	
287910 2 Buoy A 21-26-02 700N 1-7-45-57 100W	28790	- Channel Buoy 26					Red nun.	
1574-60-8 ABOW 1574-60-8 ABOW 27-26 1/2 BOW 1574-67 2-900W 27-26 1/2 BOW 27-26 1/2								
1974-627-900W 1974-627-900W 1974-627-900W 1974-702-900W 1974-90-900W 1974-702-900W 1974-702-900W 1974-702-900W 1974-90-900W 19	28791.01	- Buoy A					Yellow Sphere.	Private aid.
1974-7-02-500W 1974-70-2-500W 1974	28791.02	- Buoy B					Yellow Sphere.	Private aid.
1574-70-2200W Private aid 1574-70-2200W Private aid 1574-70-88-800W Private aid Private aid 1574-70-88-800W Private aid	28791.03	- Buoy C					Yellow Sphere.	Private aid.
1574-6-58.500W Yellow Sphere. Private aid.	28791.04	- Buoy D					Yellow Sphere.	Private aid.
167-47-16.200W 28791.07 - Buoy G 21.25-19.800N 157-46-59.800W Yellow Sphere. Private aid. Priva	28791.05	- Buoy E					Yellow Sphere.	Private aid.
157-46-59-800W 157-46-51-400W 157-46-52-7000W 157-46-52	28791.06	- Buoy F					Yellow Sphere.	Private aid.
28791.08 Buoy H	28791.07	- Buoy G					Yellow Sphere.	Private aid.
28791.09 - Outer Channel Red Marker 21-25-08-200N T37-48-27.600W Q R	28791.08	- Buoy H					Yellow Sphere.	Private aid.
Lighted Buoy 157-46-27.000W 28791.13 - Green Buoy 1 21-25-34.400M 157-46-25.700W Private aid. 28791.13 - Green Buoy 3 21-25-27.600M 157-46-20.900W Private aid. 28791.14 - Garbage Can 21-25-25.200M 157-46-16.900W Private aid. 28791.15 - RANGE FRONT LIGHT 21-25-02.020M F R 23 Private aid. 28791.16 - RANGE REAR LIGHT 21-25-01.090M F R 30 Private aid. 28791.16 - RANGE REAR LIGHT 21-26-46.284N 157-45-57.100W F R 30 Private aid. 28800 - LIGHT 2 21-26-46.284N 157-48-29.155W SG on pile. Private aid. 28800 - LIGHT 2 21-26-49.284N Iso R 6s 15 5 TR on pile. 28800 - Entrance Lighted Buoy 2 21-28-09.598N F IR 2.5s 4 Red nun 28810 - RANGE FRONT LIGHT 21-26-09.261N Q R 36 KRW on post. Visible 4* each side of rangeline. 28815 - RANGE REAR LIGHT 21-26-09.261N SG R 6s 94 KRW on post.	28791.09		21-25-06.200N	QR				Private aid.
28791.12	28791.11			QG				Private aid.
28791.15 - Green Buoy 3	28791.12		21-25-34.400N					Private aid.
28791.14	28791.13	- Green Buoy 3	21-25-27.600N					Private aid.
28791.15 - RANGE FRONT LIGHT 21-25-02.020N 157-45-58.200W F R 23 Private aid. 28791.16 - RANGE REAR LIGHT 21-25-01.090N 157-45-57.100W F R 30 Frivate aid. 28791.16 - RANGE REAR LIGHT 21-25-01.090N 157-45-57.100W F R 30 F R 30 Frivate aid. 28795 - Daybeacon 1 21-26-46.284N 157-48-29.155W SG on pile. 28800 - LIGHT 2 21-26-43.485N 157-48-33.915W Sampar Channel 28805 - Entrance Lighted Buoy 2 21-28-09.598N 157-46-37.703W SAMPAR PROPERTY OF ABOVE AND ASSESSED STATES OF ABOVE ASSESSED ASSESSED STATES OF ABOVE ASSESSED STATES OF ABOVE ASSESSED STATES OF ABOVE ASSESSED STATES OF ABOVE ASSESSED STATES OF ABOVE ASSESSED STATES OF ABOVE ASSESSED STATES OF ABOVE ASSESSED STATES OF ABOVE ASSESSED STATES OF ABOVE ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ASSESSED ABOVE ASSESSED ASSESSE	28791.14	- Garbage Can	21-25-25.200N					Private aid.
28791.16 RANGE REAR LIGHT 21-25-01.090N F R 30 Private aid. Private aid.	28791.15	- RANGE FRONT LIGHT	21-25-02.020N	FR	23			Private aid.
Heeia Kea Small Boat Harbor 21-26-46 284N 21-26-46 284N 157-48-29.155W SG on pile. SG on pile. SG on pile. SG on pile. Sampan Channel Chiphted Buoy 2 21-28-09.598N SFI R 2.5s 4	28791.16	- RANGE REAR LIGHT	21-25-01.090N	FR	30			Private aid.
28795 - Daybeacon 1 21-26-46.284N SG on pile. SG on pile. SG on pile. 28800 - LIGHT 2 21-26-53.485N Iso R 6s 15 5 TR on pile. 28805 - Entrance Lighted Buoy 2 21-28-09.598N ISO R 6s 15 5 TR on pile. 28810 - RANGE FRONT LIGHT 21-26-05.261N ISO R 6s 94 KRW on post. Visible 4° each side of rangeline. 28815 - RANGE REAR LIGHT 21-25-53.854N Iso R 6s 94 KRW on post. Visible 4° each side of rangeline. 28820 - Buoy 4 21-27-44.098N ISO R 6s 94 KRW on post. Visible 4° each side of rangeline. 28825 - LIGHT 5 21-27-24.369N ISO R 6s 94 Red nun. 28830 - Daybeacon 7 21-27-34.22N ISO R 6s 94 SG on pile. 28830 - Daybeacon 8 21-27-00.488N ISO R 6s 94 SG on pile. 28840 - Daybeacon 9 21-26-58.941N ISO R 6s ISO R 6s ISO R 6s ISO R 6s ISO R 6s ISO R 6s 28840 - Daybeacon 9 21-26-58.941N ISO R 6s I	Heei	a Kea Small Boat Harbor						
Sampan Channel 28805 - Entrance Lighted Buoy 2 21-28-09.598N 157-46-37.703W FI R 2.5s 4 Red nun 28805 - RANGE FRONT LIGHT 21-26-05.261N 157-48-18.309W 157-48-18.309W 157-48-18.309W 157-48-18.309W 157-48-18.309W 157-48-18.309W 157-48-18.309W 157-48-27.571W 157-48-28.50 16							SG on pile.	
28805 - Entrance Lighted Buoy 2 21-28-09.598N 157-46-37.703W FI R 2.5s 4 Red nun 28810 - RANGE FRONT LIGHT 21-26-05.261N Q R 36 KRW on post. Visible 4° each side of rangeline. 157-48-18.309W Sible 4° each side of rangeline. 157-48-18.309W Sible 4° each side of rangeline. 157-48-18.309W Sible 4° each side of rangeline. 157-48-27.571W Sible 4° each side of rangeline. 157-48-27.571W Sible 4° each side of rangeline. 157-48-27.571W Sible 4° each side of rangeline. 157-47-00.633W Sible 4° each side of rangeline. 157-47-00.633W Sible 4° each side of rangeline. 157-47-00.633W Sible 4° each side of rangeline. 157-47-00.633W Sible 4° each side of rangeline. 157-47-00.633W Sible 4° each side of rangeline. 157-47-40.0633W Sible 4° each side of rangeline. 157-47-40.0633W Sible 4° each side of rangeline. 157-47-40.0633W Sible 4° each side of rangeline. 157-48-27.571W Sible 4° each side of range	28800	- LIGHT 2		Iso R 6s	15	5	TR on pile.	
28805 - Entrance Lighted Buoy 2 21-28-09.598N 157-46-37.703W FI R 2.5s 4 Red nun 28810 - RANGE FRONT LIGHT 21-26-05.261N Q R 36 KRW on post. Visible 4° each side of rangeline. 157-48-18.309W Sible 4° each side of rangeline. 157-48-18.309W Sible 4° each side of rangeline. 157-48-18.309W Sible 4° each side of rangeline. 157-48-27.571W Sible 4° each side of rangeline. 157-48-27.571W Sible 4° each side of rangeline. 157-48-27.571W Sible 4° each side of rangeline. 157-47-00.633W Sible 4° each side of rangeline. 157-47-00.633W Sible 4° each side of rangeline. 157-47-00.633W Sible 4° each side of rangeline. 157-47-00.633W Sible 4° each side of rangeline. 157-47-00.633W Sible 4° each side of rangeline. 157-47-40.0633W Sible 4° each side of rangeline. 157-47-40.0633W Sible 4° each side of rangeline. 157-47-40.0633W Sible 4° each side of rangeline. 157-48-27.571W Sible 4° each side of range	Sam	pan Channel						
157-48-18.309W 28815 - RANGE REAR LIGHT 482 yards, 217.1° from front light. 28820 - Buoy 4 21-27-44.098N 157-47-09.033W 28830 - Daybeacon 7 21-27-19.440W 28835 - Daybeacon 8 21-27-00.488N 157-47-34.228W 28840 - Daybeacon 9 21-26-58.941N 157-47-32.287W 28845 - Junction Buoy S 21-26-54.033N 157-47-41.090W 28850 - Buoy 2 21-27-08.271N Red nun. Kaneohe Bay Utility Channel 28850 - Buoy 2 21-27-08.271N Red nun. Kaneohe Bay Utility Channel 21-27-08.271N Red nun. Kaneohe Bay Utility Channel 21-27-08.271N Red nun. Marks shoal area.				FI R 2.5s		4	Red nun	
482 yards, 217.1° from front light. 28820 - Buoy 4	28810	- RANGE FRONT LIGHT		QR	36		KRW on post.	Visible 4° each side of rangeline.
157-47-00.633W 28825 - LIGHT 5 21-27-24.369N FI G 2.5s 16 4 SG on pile. 28830 - Daybeacon 7 21-27-13.422N SG on pile. 157-47-19.440W 28835 - Daybeacon 8 21-27-00.488N 157-47-34.423W 28840 - Daybeacon 9 21-26-58.941N SG on multi-pile structure. 28845 - Junction Buoy S 21-26-54.033N Green and red bands; can. Kaneohe Bay Utility Channel 28850 - Buoy 2 21-27-08.271N Red nun. Marks shoal area.	28815	482 yards, 217.1° from front		Iso R 6s	94		KRW on post.	Visible 4° each side of rangeline.
157-47-09.036W 21-27-13.422N 21-27-13.422N 21-27-09.0488N 21-27-00.488N 21-27-34.423W 28840 Daybeacon 9 21-26-58.941N 2157-47-32.287W 21-26-54.033N 21	28820	- Buoy 4					Red nun.	
28830 - Daybeacon 7 21-27-13.422N	28825	- LIGHT 5		FI G 2.5s	16	4	SG on pile.	
28835 - Daybeacon 8 21-27-00.488N 157-47-34.423W SG on multi-pile structure. 28840 - Daybeacon 9 21-26-58.941N SG on multi-pile structure. 28845 - Junction Buoy S 21-26-54.033N Green and red bands; can. Kaneohe Bay Utility Channel 28850 - Buoy 2 21-27-08.271N Red nun. Marks shoal area.	28830	- Daybeacon 7					SG on pile.	
28840 - Daybeacon 9 21-26-58.941N SG on multi-pile structure. 28845 - Junction Buoy S 21-26-54.033N Green and red bands; can. Kaneohe Bay Utility Channel 28850 - Buoy 2 21-27-08.271N Red nun. Marks shoal area.	28835	- Daybeacon 8	21-27-00.488N				TR on pile.	
28845 - Junction Buoy S 21-26-54.033N Green and red bands; can. Kaneohe Bay Utility Channel 28850 - Buoy 2 21-27-08.271N Red nun. Marks shoal area.	28840	- Daybeacon 9	21-26-58.941N					
Kaneohe Bay Utility Channel 28850 - Buoy 2 21-27-08.271N Red nun. Marks shoal area.	28845	- Junction Buoy S	21-26-54.033N					
28850 - Buoy 2 21-27-08.271N Red nun. Marks shoal area.	Kana	ohe Bay Utility Channel					•	
		= =					Red nun.	Marks shoal area.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourtee	enth District			
	u East Coast Kane'ohe Bay (Ch eohe Bay Utility Channel	art 19359)					
28855	- Daybeacon 3	21-27-09.657N 157-46-57.021W				SG on pile.	
28860	- LIGHT 4	21-26-58.505N 157-46-53.554W	FI R 2.5s	15	3	TR on pile.	
28865	- Buoy 5	21-26-57.807N 157-46-51.105W				Green can.	
28869	Kaneohe Bay Warning Lighted Buoy A	21-26-33.033N 157-47-03.090W	FI W 2.5s		4	White with orange bands and orange diamonds.	Marks south boundary of prohibited area.
28870	Kaneohe Bay Warning Buoy B	21-26-16.033N 157-46-27.090W				White can with orange bands and orange diamonds.	Marks south boundary of prohibited area.
28871	Kaneohe Bay Warning Buoy C	21-26-06.033N 157-46-00.090W				White can with orange bands and orange diamond.	Marks south boundary of prohibited area.
28875	MAKANI KAI RANGE FRONT LIGHT	21-25-05.700N 157-47-24.300W	FR	17		KWR on pile.	Private aid.
28880	MAKANI KAI RANGE REAR LIGHT 22 yards, 254° from front light.	21-25-05.500N 157-47-25.700W	FR	24		KWR on pile.	Private aid.
ОАН	U ISLAND (Chart 19357)						
Waia 28884	nae Harbor PNNL East Oahu Lighted Buoy 1 Research Buoy	/ 21-25-12.960N 157-28-22.260W	FI (5)Y 20s			yellow	AXYS WindSentinel LiDAR Buoy Private aid.
Ulup 28890	au Crater Weapons Range Dang PaclOOS Wave Lighted Buoy Mokapu	-	FI Y 5s				Private aid.
Wain	heast Coast of Oʻahu Waimänal nanalo Bay ai Channel	o Bay to Diamond H	lead (Chart 19358)				
28895	- Daybeacon 3	21-19-06.000N 157-40-00.000W				SG on pile.	Private aid.
28900	- Daybeacon 4	21-19-03.000N 157-40-04.000W				TR on pile.	Private aid.
28905	- Daybeacon 5	21-19-17.200N 157-40-15.500W				SG on pile.	Private aid.
28920	- Daybeacon 7	21-19-19.500N 157-40-17.500W				SG on dolphin.	Private aid.
28925	Makapuu Point Light	21-18-35.625N 157-38-59.162W	Oc W 10s	420	19	White cylindrical concrete tower. 49	Obscured west of 011°, and may be obscured westward of 154° by points northward of light. Emergency light of reduced intensity when main light is extinguished. Operates during periods of darkness only.
HAW 28927	/All TO OAHU (Chart 19340) Fugro Marine Research LB 1 research buoy	21-25-15.360N 157-21-19.560W	FI Y 20s			yellow	Private Aid Private aid.
Sout	heast Coast of Oʻahu Waimänal	o Bay to Diamond H	lead (Chart 19358)				
Ma ui 28930	nalua Bay - LIGHT 1	21-16-15.137N 157-42-56.221W	FI G 4s	15	5	SG on multi-pile structure.	
28935	- Daybeacon 1A	21-16-28.440N 157-42-52.980W				SG on pile.	Private aid.
28940	- Daybeacon 2	21-16-27.840N 157-42-51.780W				TR on pile.	Private aid.
28945	- Daybeacon 3	21-16-35.640N 157-42-49.680W				SG on pile.	Private aid.
28950	- Daybeacon 4	21-16-35.040N 157-42-48.660W				TR on pile.	Private aid.
28955	- Daybeacon 5	21-16-39.900N 157-42-47.640W				SG on pile.	Private aid.
28960	- Daybeacon 6	21-16-39.600N 157-42-46.620W				TR on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Sout	theast Coast of Oʻahu Waimäna	lo Bay to Diamond H	HAWAII - Fourteer	nth District			
	nalua Bay	lo Bay to Blamona I	icuu (Onart 1990)				
28965	- Daybeacon 7	21-16-43.500N 157-42-48.600W				SG on pile.	Private aid.
28970	- Daybeacon 8	21-16-46.380N 157-42-47.820W				TR on pile.	Private aid.
28975	- Daybeacon 9	21-16-47.400N 157-42-49.680W				SG on pile.	Private aid.
28980	- Daybeacon 10	21-16-49.260N 157-42-48.660W				TR on pile.	Private aid.
28985	- Daybeacon 11	21-16-51.480N 157-42-51.060W				SG on pile.	Private aid.
28990	- Daybeacon 12	21-16-51.420N 157-42-49.260W				TR on pile.	Private aid.
28995	- Daybeacon 13	21-16-52.380N 157-42-53.700W				SG on pile.	Private aid.
29000	- Daybeacon 14	21-16-53.460N 157-42-53.400W				TR on pile.	Private aid.
29005	- Daybeacon 15	21-16-53.700N 157-42-56.160W				SG on pile.	Private aid.
29010	- Daybeacon 16	21-16-54.480N 157-42-55.560W				TR on pile.	Private aid.
29015	- Daybeacon 17	21-16-55.680N 157-42-59.400W				SG on pile.	Private aid.
29020	- Daybeacon 18	21-16-56.340N 157-42-58.800W				TR on pile.	Private aid.
29025	- Daybeacon 19	21-16-57.000N 157-43-02.040W				SG on pile.	Private aid.
29030	- Daybeacon 20	21-16-57.900N 157-43-01.560W				TR on pile.	Private aid.
29035	- Daybeacon 21	21-16-58.620N 157-43-04.800W				SG on pile.	Private aid.
Kuar	oa Entrance Channel						
29040	- Buoy 1	21-16-46.620N 157-42-46.980W				Green can.	Private aid.
29045	- Buoy 2	21-16-45.000N 157-42-45.480W				Red nun.	Private aid.
29050	- Buoy 3	21-16-49.680N 157-42-45.180W				Green can.	Private aid.
29055	- Buoy 4	21-16-48.240N 157-42-43.980W				Red nun.	Private aid.
29057	- Shoal Buoy	21-16-52.260N 157-42-42.360W				White buoy.	Private aid.
Oʻah	u South Coast Approaches to F	Pearl Harbor (Chart 1	9369)				
	er Boat Channel						
29060	Diamond Head Light	21-15-20.618N 157-48-34.470W	Oc (2)W 10s (R sector) 2s fl 1.5s ec. 5s fl 1.5s ec.	147	W 17 R 14	Lighthouse. 64	Obscured from 110° to 272°, red from 099° to 110°. Between 105° to 110°, red sector may be obscured by vegetation. Emergency light of reduced intensity when main light is extinguished.
29065	Diamond Head Reef Lighted Buoy 2	21-14-48.651N 157-48-56.480W	QR		5		
29070	- Daybeacon 1	21-16-37.800N 157-50-23.600W				SG on pile.	Private aid.
29075	- Daybeacon 2	21-16-39.300N 157-50-22.000W				TR on pile.	Private aid.
29080	- Daybeacon 3	21-16-42.200N 157-50-25.600W				SG on pile.	Private aid.
29085	- Daybeacon 4	21-16-41.600N 157-50-22.800W				TR on pile.	Private aid.
Ala V	Nai Boat Harbor						
29090	- Entrance Lighted Buoy 1	21-16-34.548N 157-50-49.219W	FI G 2.5s		4	Green Can	

(8) Remarks	(7) Structure	(6) Range	(5) Height	(4) Characteristic	(3) Position	(2) Name and Location	(1) No.
			th District	HAWAII - Fourteen	earl Harbor (Chart 19	u South Coast Approaches to P	Oʻahı
		4		,	•	/ai Boat Harbor	Ala W
	Red nun	4		FI R 2.5s	21-16-34.147N 157-50-46.219W	- Entrance Lighted Buoy 2	29095
ivate aid.				FI Y 4s	21-16-47.000N 157-50-54.000W	Water Quality Buoy "AW"	29096
ivate aid.	(RW on post.		30	FR	21-17-18.000N 157-50-36.000W	- CHANNEL RANGE FRONT LIGHT	29100
ivate aid.	(RW on post.		48	QR	21-17-19.200N 157-50-36.840W	- CHANNEL RANGE REAR LIGHT	29105
ivate aid.	Green.				21-16-48.000N 157-50-46.000W	- Channel Buoy 3	29110
ivate aid.	Red.				21-16-47.000N 157-50-43.900W	- Channel Buoy 4	29115
ivate aid.	G on pile.				21-16-54.000N 157-50-42.000W	- Channel Daybeacon 5	29120
ivate aid.	R on pile.				21-16-54.000N 157-50-42.000W	- Channel Daybeacon 6	29125
ivate aid.	G on pile.				21-17-06.000N 157-50-42.000W	- Channel Daybeacon 7	29130
ivate aid.	R on pile.				21-17-06.000N 157-50-42.000W	- Channel Daybeacon 8	29135
						ılo Basin	Kewa
V when on or very near cente channel (033.6 to 034.0); AL R when right of inbound annel (033.3 to 033.6); FR nen further right (032.9 to 03.3); AL WG when left of bound channel (034.0 to 034.6 when further left (034.3 to 04.7)	n monopole.		47	FRWG	21-17-38.800N 157-51-28.029W	- ENTRANCE DIRECTIONAL LIGHT	29140
	Green Can	4		FI G 2.5s	21-17-16.196N 157-51-45.415W	- Lighted Buoy 1	29150
	Red.	4		FIR 4s	21-17-15.146N 157-51-43.715W	- Lighted Buoy 2	29155
ivate aid.				FIY4s	21-17-19.000N 157-51-54.000W	Water Quality Buoy "KN"	29156
	Green.	4		FI G 4s	21-17-23.359N 157-51-40.288W	- Lighted Buoy 3	29158
	Red nun.	4		FI R 2.5s	21-17-23.741N 157-51-37.765W	- Lighted Buoy 4	29160
	Red nun.	4		FI R 2.5s	21-17-30.645N 157-51-32.515W	- Lighted Buoy 6	29165
					art 19367)	d of Oʻahu Honolulu Harbor (Ch	Island
sible from 305° to 089°. ghted throughout 24 hrs.	On white post. 32	20	95	FI G 7.5s	21-17-44.748N 157-52-08.527W	lulu Harbor - Entrance Light	Hono 29170
				9369)	earl Harbor (Chart 19	u South Coast Approaches to P	Oʻahı
S: MMSI 993692030	Ped and white	6		Mo (A) W	21-16-50 Q3QNI	lulu Harbor	
3. IVIIVI3I 993092030	tripes with red pherical topmark.	0		MO (A) VV	157-52-48.096W	- Entrance Lighted Buoy H	29175
					art 19367)	d of Oʻahu Honolulu Harbor (Ch	
	Green.	5		FI G 4s	21-17-30.046N 157-52-26.812W	lulu Harbor - Channel Lighted Buoy 1	Hono 29180
sible 4° each side of rangeling ghted throughout 24 hours.	RW on concrete tructure.		46	FR	21-18-19.144N 157-51-55.886W	- ENTRANCE CHANNEL RANGE FRONT LIGHT	29185
sible 4° each side of rangelin ghted thoughout 24 hours.	(RW on single pile nast.		64	FR	21-18-23.483N 157-51-53.425W	- ENTRANCE CHANNEL RANGE REAR LIGHT 165 yards, 027.9° from front light.	29190
	Red.	5		FIR 4s	21-17-27.546N 157-52-21.712W	- Channel Lighted Buoy 2	29195
	pherical topmark. Green. GRW on concrete tructure. GRW on single pile nast.			Mo (A) W FI G 4s FR	21-16-50.939N 157-52-48.096W Part 19367) 21-17-30.046N 157-52-26.812W 21-18-19.144N 157-51-55.886W 21-18-23.483N 157-51-53.425W 21-17-27.546N	d of O'ahu Honolulu Harbor (Cholulu Harbor - Channel Lighted Buoy 1 - ENTRANCE CHANNEL RANGE FRONT LIGHT - ENTRANCE CHANNEL RANGE REAR LIGHT 165 yards, 027.9° from front light.	Hono 29175 Island Hono 29180 29185 29190

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
lalan	d of Olahu Hamalulu Hambar (Ch		HAWAII - Fourtee	nth District			
	d of Oʻahu Honolulu Harbor (Ch Dlulu Harbor	iart 1936/)					
29200	- Channel Buoy 3	21-17-42.345N 157-52-19.912W				Green can.	
29205	- Channel Buoy 4	21-17-39.616N 157-52-15.241W				Red nun.	
29210	- Channel Lighted Buoy 5	21-17-51.545N 157-52-14.412W	FI G 2.5s		4	Green.	
29215	- Channel Lighted Buoy 6	21-17-44.185N 157-52-12.442W	FI R 2.5s		4	Red.	Marks shoal.
29220	- CHANNEL LIGHT 7	21-18-04.929N 157-52-08.721W	Iso G 6s	15	3	SG on Dolphin.	
29225	- Buoy 8	21-18-18.142N 157-51-57.613W				Red nun.	
29230	- Buoy 10	21-18-32.862N 157-51-55.939W				Red nun.	
29235	- Buoy 12	21-18-58.588N 157-52-47.357W				Red nun.	
Kalih	i Channel						
29240	- Entrance Lighted Buoy 1	21-17-23.350N 157-53-54.851W	FI G 2.5s		5	Green.	
29245	- RANGE FRONT LIGHT	21-18-32.621N 157-53-43.128W	QG	36		KRW on skeleton tower.	Visible 4° each side of rangeline
29250	 RANGE REAR LIGHT 677 yards, 007° from front light. 	21-18-52.604N 157-53-40.497W	Iso G 6s	67		KRW on skeleton tower.	Visible 4° each side of rangeline
29255	- Lighted Buoy 3	21-17-39.146N 157-53-52.110W	FI G 2.5s		4	Green.	
29260	- Lighted Buoy 4	21-17-38.746N 157-53-47.811W	FI R 2.5s		4	Red.	
29265	- Lighted Buoy 5	21-17-58.218N 157-53-49.314W	FI G 2.5s		4	Green.	
29270	- Lighted Buoy 6	21-17-57.136N 157-53-45.458W	FIR 4s		4	Red.	
29275	- LIGHT 7	21-18-17.304N 157-53-47.481W	QG	15	4	SG on dolphin.	
29280	- LIGHT 8	21-18-16.234N 157-53-42.621W	QR	15	4	TR on dolphin.	
29285	- LIGHT 10	21-18-29.364N 157-53-37.311W	FI R 2.5s	15	4	TR on dolphin.	
29290	- LIGHT 11	21-18-32.637N 157-53-41.364W	FI G 2.5s	15	4	SG on dolphin.	
29295	- LIGHT 12	21-18-37.253N 157-53-31.921W	FIR 4s	15	4	TR on dolphin.	
29300	- LIGHT 13	21-18-47.524N 157-53-37.188W	FI G 2.5s	15	4	SG on dolphin.	
29305	- LIGHT 14	21-18-46.062N 157-53-23.321W	FI R 2.5s	15	4	TR on dolphin.	
29310	- LIGHT 15	21-18-51.312N 157-53-26.451W	FI G 4s	16	5	SG on dolphin.	
Keeh	ii Lagoon						
29315	- BARGE TURNING CHANNEL RANGE FRONT	21-19-47.774N 157-53-57.746W	QG	16			Aid maintained by State DOT Private aid.
29320	- BARGE TURNING CHANNEL RANGE REAR	21-19-53.174N 157-54-00.589W	F G	22			Aid maintained by State DOT Private aid.
29325	- Barge Turning Basin Buoy 2	21-19-22.500N 157-53-39.800W				Red nun.	Private aid.
29330	- Pipeline Marker Buoy A	21-19-30.000N 157-53-42.000W				White sphere with orange diamond worded PIPELINE.	Private aid.
29335	- Pipeline Marker Buoy B	21-19-30.000N 157-53-48.000W				White sphere with orange diamond worded PIPELINE.	Private aid.
29340	- Pipeline Marker Buoy C	21-19-36.000N 157-53-54.000W				White sphere with orange diamond worded PIPELINE.	Private aid.

(4)	(2)	(2)	(4)	(E)	(6)	(7)	(0)
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Oʻah	u South Coast Approaches to P	Pearl Harbor (Chart 1	HAWAII - Fourtee	nth District			
	am Harbor	cuit tiurbor (onait	3000)				
29345	- Channel Buoy 1	21-18-12.882N 157-57-11.154W				Green can.	
29350	- CHANNEL LIGHT 2	21-18-12.177N 157-57-07.884W	FIR 4s	25	4	TR on pile.	
29355	- Channel Daybeacon 3	21-18-25.645N 157-57-10.865W				SG on pile.	
29360	- Channel Daybeacon 4	21-18-25.446N 157-57-07.533W				TR on pile.	
29362	- Channel Buoy 5	21-18-35.023N 157-57-13.084W				Green can.	
29365	- CHANNEL LIGHT 6	21-18-37.236N 157-57-11.933W	FI R 2.5s	16	4	TR on concrete pile.	
Oʻah	u South Coast Approaches to P	earl Harbor (Chart 1	9369)				
29367	Papa Hotel Approach Point V- AIS	21-16-06.033N 157-56-23.090W					AIS: MMSI 993692044
	th Coast of Oahu (Chart 19366) I Harbor						
29368	PacIOOS Wave Lighted Buoy Pearl Harbor	21-17-50.038N 157-57-31.679W	FI Y 5s				Private aid.
29370	- Entrance Lighted Buoy 1	21-17-52.248N 157-57-25.109W	FI G 4s		5	Green.	
29375	- Entrance Lighted Buoy 2	21-17-57.033N 157-57-16.890W	FI R 2.5s		5	Red.	
29380	- ENTRANCE RANGE FRONT LIGHT	21-19-36.433N 157-58-15.865W	QR	60		KRW on post.	Visible 4° on either side of rangeline. Operates during period of darkness only.
29385	- ENTRANCE RANGE REAR LIGHT 736 yards, 333.6° from front light.	21-19-56.050N 157-58-26.247W	Oc R 4s	95		KRW on skeleton tower.	Visible 4° each side of rangeline. Operates during periods of darkness only.
29390	- Buoy 3	21-18-31.141N 157-57-46.567W				Green can.	
29395	- Buoy 4	21-18-35.348N 157-57-38.309W				Red nun.	
29400	- LIGHT 5	21-18-54.626N 157-58-01.198W	FI G 2.5s	16	4	SG on pile.	
29405	- LIGHT 6	21-19-07.348N 157-57-54.509W	FIR 4s	15	3	TR on pile.	
29410	- LIGHT 7	21-19-23.442N 157-58-10.880W	FI G 4s	16	4	SG on dolphin.	
29415	- A Docks Basin Daybeacon 2	21-19-35.841N 157-57-55.380W				TR on pile.	
29420	- LIGHT 9	21-19-39.750N 157-58-15.709W	FI G 4s	15	6	SG on pile.	
			Pearl Har	bor			
29423	- Lighted Buoy 10	21-20-05.313N 157-58-07.960W	FI R 2.5s		4		
			HAWAII - Fourtee	nth District			
	th Coast of Oahu (Chart 19366) I Harbor						
29425	- Lighted Buoy 11	21-20-11.394N 157-58-18.481W	FI G 2.5s		5	Green.	
29430	WEST LOCH JUNCTION LIGHT W	21-20-30.543N 157-58-17.436W	FI (2+1)G 6s	15	6	JG on pile.	
29435	- LIGHT 15	21-20-49.259N 157-58-16.213W	FI G 4s	15	4	SG on multi-pile structure.	
29440	- LIGHT 16	21-20-57.557N 157-58-05.110W	QR	15	3	TR on multi-pile structure.	
29445	- LIGHT 17	21-21-02.033N 157-58-17.590W	QG	15	4	SG on pile.	
29450	- LIGHT 18	21-21-03.555N 157-57-58.011W	FI R 2.5s	15	4	TR on pile.	
29455	- LIGHT 19	21-21-12.456N 157-58-14.411W	FI G 6s	15	4	SG on multi-pile structure.	

Pearl Harbor Pearl Harbor North Channel 29495 - Lighted Buoy 6 21-22-24.684N 157-57-20.438W FI R 6s 4 Red. Red. Pearl Harbor East Loch 29497 Navy Lighted Mooring Ball X9- 157-57-06.000W FI W 6s 3 White foam buoy Aid maintained by item Navy Lighted Mooring Ball X9- 157-57-06.000W FI R 2.5s 4 Red.	(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Pearl Harbor Pear				HAWAII - Fourteer	nth District			
		·						
LIGHT F 137-57-31-11W 157-68-13.09W Fl Q 2.5s 15 4 Sign pile.				FIR 4s	15	4	TR on pile.	
Pearl Harbor North Channel 21-21-30-143N FI R 2-5s 15 4 TR cm multi-pile structure. 157-58-18-60W FI R 2-5s 15 4 TR cm multi-pile structure. 157-68-18-60W FI R 2-5s 15 4 TR cm multi-pile structure. 157-68-18-60W FI R 2-5s 15 4 TR cm multi-pile structure. 157-68-18-12-10W FI R 2-5s 15 4 TR cm multi-pile structure. 157-68-18-12-10W FI R 2-5s 15 4 TR cm multi-pile structure. 157-68-18-12-10W FI R 4s 15 4 TR cm multi-pile structure. 157-68-18-12-10W FI R 4s 15 4 TR cm multi-pile structure. 157-68-18-12-10W FI R 4s 15 4 TR cm multi-pile structure. 157-68-18-12-10W FI R 4s 15 4 TR cm multi-pile structure. 157-68-18-12-10W FI R 6s TR				FI (2+1)G 6s	18	4		
2480 - Lighted Buoy 1	29470 - I	LIGHT 23		FI G 2.5s	15	4	SG on pile.	
167-58-10.210W Structure.				FI G 4s		4	Green.	
157-58-11.210W 157-58-11.210W 157-58-11.210W 157-58-11.210W 157-58-11.210W 157-58-11.210W 157-58-11.210W 157-58-13.000W 157-	29485 - I	LIGHT 2		FI R 2.5s	15	4		
Pearl Harbor Pear	29490 - I	LIGHT 4		FIR 4s	15	4		
Pearl Harbor North Channel	29493 Na	avy Lighted Mooring Ball		FI W 6s		3	White foam buoy	Aid maintained by U.S. Navy.
Pearl Harbor North Channel Pearl Harbor North Channel Pearl Harbor North Channel Pearl Harbor North Channel Pearl Harbor North Channel Pearl Harbor North Channel Pearl Harbor North Channel Pearl Harbor North Channel Pearl Harbor Morth Channel Pearl Harbor Morth Channel Pearl Harbor Morth Chunnel Pearl Harbor Morth Churicane Pearl Harbor Churicane Pearl Harbor Churicane Pearl Harbor Churicane Pearl Harbor Churicane Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor RanGE Pearl Harbor RanGE Pearl Harbor RanGE Pearl Harbor West Loch Pearl	Pearl Harl	bor North Channel		FIR 6s		4	Red.	
Pearl Harbor North Channel 21-22-20, 744N 157-56-57.068W FIR 2.5s 4 Red.	29497 Na	avy Lighted Mooring Ball X9-		FI W 6s		3	White foam buoy	Aid maintained by U.S. Navy.
29500 - Lighted Buoy 8 21-22-20,744N 157-56-57.068W 157-56-57.068W 157-56-44.818W FIR 2.5s 4 Red.								
Pearl Harbor Kod Hurricane 21-22-14,033N 157-58-53,090W Pearl Harbor CG Hurricane Mooring Buoy North 157-58-53,090W Pearl Harbor CG Hurricane 157-58-53,090W Pearl Harbor CG Hurricane 157-58-51,127W White with blue barn Mooring Buoy South 157-58-51,127W White with blue barn Mooring Buoy South 157-58-51,127W White with blue barn Mooring Buoy South 157-58-51,127W White with blue barn Mooring Buoy South 157-58-59,679W Q G				FI R 2.5s		4	Red.	
Pearl Harbor CG Hurricane 21-22-14,033N Moring Buoy North 157-58-53.090W Pearl Harbor CG Hurricane 21-22-14,033N Moring Buoy South 157-58-51.12TW Pearl Harbor West Loch Pearl Harbor CG Hurricane 21-22-06,946N 157-58-51.12TW Pearl Harbor West Loch Pearl Harbor East Loch Pearl Harbor East Loc	29505 - I	Buoy 9					Green can.	
Pearl Harbor CG Hurricane Mooring Buoy South 157-58-51.12TW Pearl Harbor West Loch 157-58-51.12TW Pearl Harbor West Loch 157-58-51.12TW Pearl Harbor West Loch 157-58-51.12TW 157-58-51.12TW Pearl Harbor West Loch 157-58-59.679W Q G 34			21-22-14.033N					White with blue band.
Pearl Harbor West Loch 29510 - ENTRANCE RANGE 21-21-07.180N Q G 34 KRW on skeleton tower. Visible 4° each side tower. 29515 - ENTRANCE RANGE REAR LIGHT 21-21-14.348N Iso G 6s 55 KRW on skeleton tower. Visible 4° each side tower. 29520 - Daybeacon 1 21-20-21.655N 157-58-28.311W SG on pile. SG on pile. 29525 - LIGHT 3 21-20-53.051N 167-58-36.90W Q G 17 4 SG on pile. 29530 - LIGHT 5 21-20-55.955N 167-58-96.610W Q R 3 Red. 29535 - Lighted Buoy 6 21-21-04.893N 167-58-90.970W Q R 3 Red. 29540 - Lighted Buoy 7 21-21-10.210N 157-59-34.258W Q G 3 Green. 29543 - Lighted Buoy 8 21-21-14.349N 157-59-35.379W FI R 2.5s 3 Red. 29550 - LIGHT 10 21-21-44.74N 157-59-43.708W FI R 4s 17 4 SG on multi-pile structure. 29550 - Daybeacon 11 21-21-22.447N 158-00-14.707W FI R 4s 17<	29508 Pe	earl Harbor CG Hurricane	21-22-06.946N					White with blue band.
29510 - ENTRANCE RANGE FRONT LIGHT 157-58-59.679W 1sible 4° each side tower. Visible 4			157-58-51.127W					
LIGHT 157-59-05.343W tower. 157-59-05.343W tower. 157-59-28.311W SG on pile. 29520 - Daybeacon 1 21-20-21.655N 157-58-28.311W SG on pile. 29525 - LIGHT 3 21-20-55.955N FI G 2.5s 17 4 SG on pile. 29530 - LIGHT 5 21-20-55.955N FI G 2.5s 17 4 SG on pile. 29535 - Lighted Buoy 6 21-21-04.893N 157-58-59.610W Part St. St. St. St. St. St. St. St. St. St	29510 - I	ENTRANCE RANGE		QG	34			Visible 4° each side of rangelin
29520 - Daybeacon 1 21-20-21.655N 157-58-28.311W 29525 - LIGHT 3 21-20-53.051N 157-58-53.609W Pearl Harbor East Loch 29550 - Daybeacon 2 21-20-244N 157-58-50.07W SG on pile.	LIC :	GHT 300 yards, 323.5° from front		Iso G 6s	55			Visible 4° each side of rangeling
157-58-53.609W 29530 - LIGHT 5	29520 - 1	Daybeacon 1					SG on pile.	
157-58-59.610W 29535 - Lighted Buoy 6	29525 - I	LIGHT 3		QG	17	4	SG on pile.	
157-59-20.970W 29540 - Lighted Buoy 7 21-21-10.210N Q G 3 Green. 29543 - Lighted Buoy 8 21-21-21.414N FI R 2.5s 3 Red. 29545 - LIGHT 9 21-21-14.349N FI G 2.5s 16 4 SG on multi-pile structure. 29550 - LIGHT 10 21-21-2447N FI R 4s 17 4 TR on multi-pile structure. 29555 - Daybeacon 11 21-21-16.447N 158-00-14.707W Pearl Harbor East Loch 29560 - Daybeacon 2 21-22-20.241N 157-56-20.307W TR on pile.	29530 - I	LIGHT 5		FI G 2.5s	17	4	SG on pile.	
157-59-34.258W 29543 - Lighted Buoy 8 21-21-21.414N FI R 2.5s 3 Red. 29545 - LIGHT 9 21-21-14.349N FI G 2.5s 16 4 SG on multi-pile structure. 29550 - LIGHT 10 21-21-22.447N FI R 4s 17 4 TR on multi-pile structure. 29555 - Daybeacon 11 21-21-16.447N SG on pile. Pearl Harbor East Loch 29560 - Daybeacon 2 21-22-20.241N 157-56-20.307W		Lighted Buoy 6					Red.	
157-59-35.379W 29545 - LIGHT 9 21-21-14.349N FI G 2.5s 16 4 SG on multi-pile structure. 29550 - LIGHT 10 21-21-22.447N FI R 4s 17 4 TR on multi-pile structure. 29555 - Daybeacon 11 21-21-16.447N SG on pile. Pearl Harbor East Loch 29560 - Daybeacon 2 21-22-20.241N T57-56-20.307W TR on pile.	29540 - 1	Lighted Buoy 7		QG		3	Green.	
157-59-43.708W structure. 29550 - LIGHT 10 21-21-22.447N FI R 4s 17 4 TR on multi-pile structure. 29555 - Daybeacon 11 21-21-16.447N SG on pile. Pearl Harbor East Loch 29560 - Daybeacon 2 21-22-20.241N TR on pile.	29543 - 1	Lighted Buoy 8		FI R 2.5s		3	Red.	
157-59-58.707W structure. 29555 - Daybeacon 11 21-21-16.447N SG on pile. 158-00-14.707W Pearl Harbor East Loch 29560 - Daybeacon 2 21-22-20.241N TR on pile. 157-56-20.307W			157-59-43.708W				structure.	
158-00-14.707W Pearl Harbor East Loch 29560 - Daybeacon 2 21-22-20.241N TR on pile. 157-56-20.307W			157-59-58.707W	FIR 4s	17	4	structure.	
29560 - Daybeacon 2 21-22-20.241N TR on pile. 157-56-20.307W	29555 - I	Daybeacon 11					SG on pile.	
							TR on pile.	
157-56-12.207W	29565 - I	LIGHT 4	21-22-26.839N	FIR 4s	15	4	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteer	nth District			
	h Coast of Oahu (Chart 19366) Harbor East Loch - Danger Daybeacon	21-23-04.000N 157-57-36.000W				NW on pile.	Private aid.
Pearl 29570	Harbor Southeast Loch MERRY POINT LIGHT	21-21-07.883N 157-56-36.740W	F G	38	7	NB on post. 26	
	n Coast of O'ahu (Chart 19362)						
Barbe 29580	e rs Point Anchorage Area Charlie Lighted Buoy A	21-16-32.600N 158-04-02.100W	FI Y 2s			SPAR buoy	buoy replacement 01Sep2020 Private aid.
29585	Anchorage Area Charlie Lighted Buoy B	21-16-32.600N 158-04-29.100W	FIY2s			SPAR buoy	buoy replacement on 01Sep2020 Private aid.
29590	Anchorage Area Charlie Buoy C	21-16-48.000N 158-04-30.000W					Private aid.
29595	Anchorage Area Charlie Buoy D						Private aid.
29600	- Anchorage Area Bravo Tank Terminal Lighted Buoy A	21-16-12.000N 158-05-15.000W	QY			Yellow.	Three lighted fluorescent orange fuel lines extend 840 feet from the buoy. Private aid.
29610	PacIOOS Wave Lighted Buoy Kalaeloa	21-19-24.000N 158-08-58.800W	FIY5s			Datawell Waverider Buoy. Yellow hull with light antenna 6ft	Private aid.
						above waterline.	
29650	- Light	21-17-46.934N 158-06-22.329W	FI W 7.5s	85	24	White cylindrical concrete tower. 76	Obscured from 147.7° to shore. Lighted throughout 24 hours.
29651	- Harbor Entrance Channel Lighted Buoy 2	21-18-55.437N 158-07-40.758W	FI R 2.5s		4	Red.	
29651.5	- Harbor Entrance Channel Lighted Buoy 3	21-19-00.033N 158-07-45.290W	FI G 4s		4	Green	
29652	- HARBOR ENTRANCE CHANNEL RANGE FRONT LIGHT	21-19-44.996N 158-06-53.238W	QG	50		KRW on post.	Visible 4° each side of rangeline.
29653	- HARBOR ENTRANCE CHANNEL RANGE REAR LIGHT 125 yards, 045.9° from front light.	21-19-47.627N 158-06-50.436W	Iso G 6s	72		KRW on post.	Visible 4° each side of rangeline.
29654	- HARBOR ENTRANCE CHANNEL LIGHT 4	21-19-07.583N 158-07-28.553W	FI R 2.5s	25	4	TR on pile.	
29654.1	- HARBOR ENTRANCE CHANNEL LIGHT 5	21-19-13.456N 158-07-31.067W	FI G 2.5s	25	4	SG on dolphin.	
29654.2	- HARBOR ENTRANCE CHANNEL LIGHT 6	21-19-19.108N 158-07-16.166W	QR	25	6	TR on post.	
29654.3	- HARBOR ENTRANCE CHANNEL LIGHT 7	21-19-23.842N 158-07-19.907W	QG	25	6	SG on pile.	
West 29655	Beach Marina - LIGHT 1	21-19-12.000N 158-07-06.000W	FI G 4s	20		SG on pile.	Private aid.
29656	- LIGHT 2	21-19-41.710N 158-07-24.450W	QR	20		TR on pile.	Private aid.
29657	- Daybeacon 3	21-19-38.810N 158-07-29.040W				SG on pile.	Private aid.
29658	- Daybeacon 5	21-19-40.240N 158-07-29.380W				SG on pile.	Private aid.
29659	- Daybeacon 7	21-19-41.690N 158-07-29.230W				SG on pile	Private aid.
29660	- Daybeacon 9	21-19-43.060N 158-07-28.640W				SG on pile.	Private aid.
29661	- Daybeacon 11	21-19-44.230N 158-07-27.650W				SG on pile.	Private aid.
29662	- Daybeacon 12	21-19-43.170N 158-07-24.450W				TR on pile.	Private aid.
29663	- LIGHT 13	21-19-44.680N 158-07-26.130W	FI G 6s	20		SG on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Cauth	Coast of Olahii (Chart 10262)		HAWAII - Fourteen	th District			
	Coast of O'ahu (Chart 19362) Beach Marina						
29664	- Daybeacon 14	21-19-47.790N 158-07-20.500W				TR on pile.	Private aid.
South 29667	Coast of O'ahu (Chart 19362) Ko'Olina CG Mooring Buoy	21-20-21.633N 158-08-13.890W					
29670	MAH Mooring Buoy	21-19-59.340N 158-11-12.600W					White with blue band. Private aid.
OAHU	I ISLAND (Chart 19357)						
	ae Harbor	04 00 50 7471	51.0.0.5	00	0	00 0	
29675	- BREAKWATER LIGHT 1	21-26-50.717N 158-11-48.987W	FI G 2.5s	20	8	SG on Spindle.	
29680	- RANGE FRONT LIGHT	21-26-55.698N 158-11-46.864W	QR	19		KRW on post.	
29685	 RANGE REAR LIGHT 78 yards, 003.3° from front light. 	21-26-58.016N 158-11-46.722W	Iso R 6s	27		KRW on post.	
29695	KAENA POINT LIGHT	21-34-27.627N 158-16-45.958W	FI W 2.5s	71	7	NR on post.	
29697	UH Research Lighted Buoy Makaha	21-30-06.000N 158-14-30.000W	FI (2)W 6s			Yellow can with black mast.	Private aid.
Haleiv	va Harbor						
29700	- RANGE FRONT LIGHT	21-35-43.061N 158-06-11.696W	QG	23		KRW on post.	Visible 4° each side of rangeline
29705	- RANGE REAR LIGHT 286 yards, 128.9° from front light.	21-35-37.729N 158-06-04.618W	Iso G 6s	45		KRW on post.	Visible 4° each side of rangeline
29710	- Entrance Lighted Buoy 2	21-36-11.094N 158-06-50.735W	FI R 2.5s		3	Red.	
29720	- Buoy 3	21-35-58.388N 158-06-28.949W				Green can.	
29725	- Buoy 4	21-35-56.952N 158-06-32.202W				Red nun.	
29732	- BREAKWATER LIGHT 6	21-35-47.666N 158-06-22.506W	FIR 4s	20	6	TR on post.	
29734	- LIGHT 7	21-35-42.249N 158-06-21.391W	FI G 6s	20	6	SG on post.	
29734.5	PacIOOS Wave Lighted Buoy Waimea	21-40-22.000N 158-06-57.000W	FI Y 5s			Datawell Waverider Buoy. Yellow hull with light antenna 6ft above waterline.	Private aid.
OAHU 29734.6	ISLAND (Chart 19013) HOT site surface mooring buoy	22-40-00.000N 157-57-00.000W	FI Y 4s				Private aid.
OAHU	TO NIIHAU (Chart 19380)						
Kauai 29735	Island PacIOOS Wave Lighted Buoy Hanalei Hanalei, Kauai	22-17-04.981N 159-34-27.181W	FIY5s			Datawell Waverider Buoy. Yellow hull with light antenna 6ft	Private aid.
29737	Kilauea Point Light	22-13-53.266N 159-24-07.153W	FI W 10s	174	9	above waterline. White concrete post.	Obscured from 295° to 065°.
29740	KAHALA POINT LIGHT	22-08-47.714N	FI W 6s	40	9	10 NB on spindle.	
29745	Nawiliwili Harbor Light	159-17-43.539W 21-57-17.936N 159-20-08.993W	FI W 15s	110	9	Buff-colored cylindrical concrete tower.	Obscured from 065° to 115°. Operates during periods of darkness only.
29750	Ninini Point Lighted Buoy 2 Marks shoal off Ninini Point.	21-57-10.793N 159-20-07.360W	FIR 4s		4	73 Red.	
Nawili	iwili Harbor						
29755	KUKII POINT LIGHT	21-57-23.833N 159-20-52.790W	FI W 2.5s (two R sectors)	47	W 6 R 5 R 5	White pyramidal concrete tower.	Red from 045° to 065° and 250° to 290°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteer	nth District			
Kaua	U TO NIIHAU (Chart 19380) i Island Iiwili Harbor						
29760	- RANGE FRONT LIGHT	21-57-23.000N 159-21-08.859W	FR	45		KRW on post.	Visible 4° each side of rangeline.
29765	- RANGE REAR LIGHT 181 yards, 289.4° from front light.	21-57-24.795N 159-21-14.312W	FR	68		KRW on building.	Visible 4° each side of rangeline.
29770	- BREAKWATER LIGHT	21-57-11.715N 159-20-55.026W	QW	33	4	NB on post. 23	Physical AIS MMSI: 993696039
29775	 Entrance Buoy 1 Marks submerged end of breakwater. 	21-57-13.691N 159-20-53.888W				Green can.	
29780	- Buoy 2	21-57-21.708N 159-20-57.838W				Red nun.	
29783	- Buoy 4	21-57-16.033N 159-21-02.990W	FI R 2.5s		4	Red nun.	
29784	- Buoy 5	21-57-06.591N 159-21-01.702W				Green can.	
29785	- Lighted Buoy 6	21-57-09.680N 159-21-07.835W	FIR 4s		4	Red nun.	
29790	- Lighted Buoy 7	21-57-00.677N 159-21-07.359W	FI G 2.5s		3	Green.	
29793	- Buoy 9	21-56-58.329N 159-21-13.770W					
29795	- Buoy 11	21-57-00.033N 159-21-20.430W				Green can.	
	liwili Small Boat Harbor	04 FC F7 70CN	FI O O-	40	4	00il-	Oh
29805	- LIGHT 1	21-56-57.786N 159-21-25.465W	FI G 6s	18	4	SG on pile.	Obscured from 244° to 021°.
29810	- LIGHT 2	21-56-58.187N 159-21-28.635W	FIR 4s	18	4	TR on pile.	
29815	- LIGHT 3	21-56-56.100N 159-21-31.900W	QG	8		SG on pile.	Private aid.
29820	- LIGHT 5	21-56-56.400N 159-21-31.000W	QG	8		SG on pile.	Private aid.
29825	- LIGHT 7	21-56-56.900N 159-21-33.600W	QG	8		SG on pile.	Private aid.
29830	- LIGHT 9	21-56-57.000N 159-21-36.200W	QG	8		SG on pile.	Private aid.
29835	- LIGHT 11	21-56-57.600N 159-21-38.800W	QG	8		SG on pile.	Private aid.
29840	- LIGHT 13	21-56-59.100N 159-21-39.000W	QG	8		SG on pile.	Private aid.
29845	- LIGHT 15	21-57-01.000N 159-21-38.600W	QG	8		SG on pile.	Private aid.
	i Island						
29850	MAKAHUENA POINT LIGHT	21-52-08.323N 159-26-38.638W	FI W 2.5s	80	8	NB on post.	Obscured from 110° to 237.5°.
29850.5	MNOA water quality Kauai Lighted Buoy 1	21-52-34.200N 159-28-19.200W	FIY4s			yellow	Private Aid - UoH MNOA Private aid.
29860	Kalanipuao Rock Buoy 2	21-52-37.941N 159-31-21.648W				Red nun.	
29865	PUOLO POINT LIGHT	21-53-34.427N 159-36-15.719W	FI W 4s (R sector)	28	W 5 R 5	NB on post.	Red from 261° to 282°, covers Kalanipuao Rock.
	pepe Bay	04 E0 4E E00N	EI C 2 52		5	Croon	
29875	- Lighted Buoy 1	21-53-45.530N 159-35-36.697W	FI G 2.5s	2-		Green.	
29877	- BREAKWATER LIGHT 2	21-53-49.130N 159-35-27.342W	QR	32	5	TR on spindle.	
29885	- Lighted Buoy 3	21-53-57.169N 159-35-38.436W	FI G 4s		4	Green.	
29890	- Buoy 5	21-54-01.333N 159-35-30.090W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteei	nth District			
Kaua	IU TO NIIHAU (Chart 19380) ai Island apepe Bay						
29897	PORT ALLEN SMALL BOAT HARBOR BREAKWATER LIGHT 1	21-54-03.510N 159-35-21.300W	FI G 4s	9		SG on spindle.	Private aid.
29898	Port Allen Small Boat Harbor Breakwater Light 2	21-54-04.440N 159-35-20.130W	FIR 2s				Private aid.
Kikia 29900	aola Boat Harbor - RANGE FRONT LIGHT	21-57-33.898N 159-41-36.425W	FR	16		Steel pole on concrete base.	Located west of harbor. Private aid.
29901	 RANGE REAR LIGHT 71 yards, 351.1° from front light. 	21-57-35.978N 159-41-36.772W	FR	28		Steel pole on concrete base.	Located west of harbor. Private aid.
29902	- LIGHT 1	21-57-00.645N 159-41-00.778W	QG	16		Yellow pole on concrete base.	Located on western harbor entrance. Aid maintained by State DOT Private aid.
29903	- LIGHT 2	21-57-00.597N 159-41-00.791W	QR	16		Yellow pole on concrete base.	Located on eastern harbor entrance. Private aid.
Hana 29905	apepe Bay KOKOLE LIGHT	21-58-44.451N 159-45-22.117W	FI W 6s	58	6	NB on skeleton tower.	Obscured from 163° to 283°.
29907	NAVY BUOY	22-02-49.600N 159-47-49.700W	FIY 12s				TEMP Private aid.
29910	NOHILI POINT LIGHT	22-03-44.845N 159-46-58.176W	FI W 4s	120	8	NB on spindle.	Obscured from 230° to 330°.
29915	Milolii Beach Range Front Daybeacon	22-08-42.000N 159-43-24.000W				KRW on post.	Maintained from June 1 to Sept 8. Private aid.
29920	Milolii Beach Range Rear Daybeacon 33 yards, 168.2° from front daybeacon.	22-08-55.000N 159-43-37.200W				KRW on post.	Maintained from June 1 to Sept 8. Private aid.
29925	Nualolo Beach Range Front Daybeacon	22-09-30.000N 159-42-00.000W				KRW on post.	Maintained from June 1 to Sept 8. Private aid.
29930	Nualolo Beach Range Rear Daybeacon 33 yards, 149° from front daybeacon.	22-09-42.000N 159-42-10.000W				KRW on post.	Maintained from June 1 to Sept 8. Private aid.
Leh u 29935	ua Island LEHUA ROCK LIGHT	22-01-12.463N 160-05-51.030W	FI W 4s	704	7	On post.	Obscured from 344° to 045°.
			CIFIC ISLANDS - For	urteenth Dis	trict		
Midv	SAN ISLAND TO KURE ISLAND vay Islands vay Channel	(Chart 19022)					
29945	- Entrance Lighted Buoy 1	28-11-53.949N 177-21-21.508W	FI G 2.5s		4	Green.	
29950	- Range Front Daybeacon	28-13-51.622N 177-21-17.202W				KRW on multi-pile structure.	
29955	 Range Rear Daybeacon 601 yards, 359.8° from front range. 	28-14-09.468N 177-21-17.267W				KRW on pile structure.	
29960	- Entrance Buoy 2	28-11-54.013N 177-21-11.831W	FIR 4s		4	Red nun.	
29965	- Buoy 3	28-12-09.080N 177-21-18.944W				Green can.	
29970	- Buoy 4	28-12-08.544N 177-21-14.168W				Red nun.	
29980	- Buoy 7	28-12-37.354N 177-21-20.702W				Green can.	
29985	- Buoy 8	28-12-35.678N 177-21-14.625W				Red nun.	
30005	Midway Inner Basin Junction Buoy B	28-12-44.470N 177-21-20.710W				Green can with red band.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1.434			CIFIC ISLANDS - Fo	urteenth Dis	trict		
Midv	SAN ISLAND TO KURE ISLAND vay Islands vay Channel	(Chart 19022)					
30010	- Buoy 10	28-12-49.887N 177-21-13.814W				Red nun.	
30015	- Buoy 11	28-12-59.225N 177-21-19.911W				Green can.	
30025	- Buoy 13	28-13-10.873N 177-21-30.218W				Green can.	
30035	- Buoy 15	28-13-08.915N 177-21-51.239W				Green can.	
	OA ISLANDS (Chart 83484)						
<i>The</i> 30180	Samoan Islands have been conve AUNUU ISLAND BREAKWATER LIGHT 1	erted to the IALA Mari 14-16-59.287S 170-33-40.670W	time Buoyage System FI G 4s	n for Region A 27	4. 4	TG on Spindle.	
30183	PacIOOS Wave Lighted Buoy Aunuu	14-16-23.520S 170-30-01.800W	FI Y 5s			Datawell Waverider Buoy. Yellow hull	Private aid.
						with light antenna 6ft above waterline.	
Tutu	ila Island						
30185	BREAKERS POINT LIGHT	14-17-23.172S 170-39-49.040W	FI W 6s (R sector)	190	W 8 R 6	NB on spindle.	Red from 150° to 170°. Visible from channel between Tutuila Island and Aunuu Island aroun into inner harbor of Pago Pago
30186	Taema Bank Lighted Buoy 1	14-19-25.923S 170-40-28.488W	FI G 4s		4	Green.	
30187	Aqualink Temperature Buoy, Site Taema Bank	14-18-43.200S 170-38-13.200W	FI Y 2.5s			yellow buoy	Private Aid Private aid.
30188	Aqualink Temperature Buoy, Site Faga'malo	14-16-19.200S 170-48-43.200W	FI Y 2.5s			yellow buoy	Private Aid Private aid.
30189	Aqualink Temperature Buoy, Site Faga'tele	14-22-04.800S 170-45-54.000W	FI Y 2.5s			yellow buoy	Private Aid Private aid.
Page	Pago Harbor						
30190	- RANGE FRONT LIGHT	14-16-08.334S 170-40-27.109W	QR	37		KRW on skeleton tower.	Visible 4° each side of rangeling
30195	 RANGE REAR LIGHT 212 yards, 342° from front light. 	14-16-02.290S 170-40-29.214W	Iso R 6s	182		KRW on square structure.	Visible 4° each side of rangeling
30200	Whale Rock Lighted Buoy 2	14-17-08.904S 170-40-11.789W	FIR 4s		4	Red.	
30205	Toasa Rock Buoy 3	14-16-57.647S 170-40-06.454W				Green nun.	
30210	- Lighted Buoy 4	14-16-33.471S 170-40-44.599W	FI R 2.5s		4	Red.	
30215	- Lighted Buoy 5	14-16-32.182S 170-40-15.343W	FI G 2.5s		4	Green.	
30220	- Daybeacon 6	14-16-33.210S 170-41-24.960W				SR on pile.	
30225	- Lighted Buoy WR7	14-16-19.784S 170-41-14.524W	QG		4	Green.	
	Harbor	44.00.10.70.7	ELO :	. =	4	TO "	
30240	- LIGHT 1	14-09-48.720S 169-40-51.070W	FIG 4s	15	4	TG on pile.	
30245	- LIGHT 2	14-09-49.600S 169-40-58.000W	FIR 4s	22	4	SR on pile.	
	Harbor	14 14 21 0460				KDW on onin-11-	
30260	Ta'u Harbor Range Front Daybeacon	14-14-21.046S 169-30-38.744W				KRW on spindle.	
30261	Ta'u Harbor Range Rear Daybeacon 33 yards, 045° from front daybeacon.	14-14-20.379S 169-30-38.040W				KRW on spindle.	
Fale : 30265	asao Harbor - Range Front Daybeacon	14-13-16.655S				KRW on spindle.	
	. ago i ioni bayboadoii	169-30-53.722W				.a.vv on opinuic.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SAM	OA ISLANDS (Chart 83484)	PA	CIFIC ISLANDS - Fou	rteenth Dis	trict		
	- Rear Range Daybeacon 66 yards, 200.5° from front daybeacon.	14-13-18.506S 169-30-54.416W				KRW on spindle.	
Kwaj Roi-I	JALEIN ATOLL (Chart 81715) alein Atoll Namur Island Channel alein Atoll has been converted to	the IALA Maritime Bu	oyage system for Reg	ion A.			
30310	- Approach Lighted Buoy 2	09-20-33.813N 167-27-48.184E	FIR 4s		4	Red.	
30312	- Daybeacon 3	09-22-25.260N 167-28-19.380E				TG on pile.	
30315	- Lighted Buoy 5	09-22-58.629N 167-28-10.172E	FI G 4s		3	Green.	
30320	- Buoy 6	09-23-02.607N 167-28-08.061E				Red can.	
30325	- Buoy 7	09-23-11.691N 167-28-16.820E				Green nun.	
30330	- Buoy 8	09-23-13.810N 167-28-15.015E				Red can.	
30335	- Buoy 9	09-23-22.512N 167-28-22.173E				Green nun.	
30340	- Buoy 10	09-23-23.534N 167-28-19.415E				Red can.	
Kwa j 30354	alein-Roi Highway Channel Kwaj-Roi Highway Channel Buoy 6	09-06-08.112N 167-34-35.904E				Red can.	
30360	- Lighted Buoy 9	09-14-17.352N 167-30-28.248E	FI G 4s		4	Green nun.	FI G 4s
30362	- Buoy 10	09-16-01.301N 167-29-04.386E				Red can.	
30365	- Buoy 12	09-18-01.616N 167-28-24.455E				Red can.	
30370	- Lighted Buoy 13	09-18-41.107N 167-28-32.288E	FI G 4s		5	Green.	
Kwa j 30390	alein Bigej Channel Kwajalein-Bigej Channel Buoy 1	08-52-28.380N 167-45-46.655E				Green nun.	
Kwa j 30400	alein South Pass - Buoy 1	08-46-46.752N 167-38-50.699E				Green nun.	
Kwa j 30410	alein Gea Pass - Lighted Buoy 2	08-49-12.952N 167-35-49.399E	FI R 2.5s		5	Red.	
30415	- Lighted Buoy 3	08-49-08.956N 167-36-11.685E	FI G 2.5s		5	Green.	
30420	- Buoy 4	08-49-19.449N 167-36-19.110E				Red can.	
30425	- Lighted Buoy 6	08-49-25.416N 167-36-59.928E	FIR 4s		3	Red.	
Kwa j 30430	alein Lagoon - Junction Lighted Buoy V	08-52-23.085N 167-43-48.964E	FI (2+1)R 6s		4	Red and green bands.	
30435	Kwajalein-Bigej Channel Buoy 5					Green nun.	
30440	- Obstruction Daybeacon S	08-48-24.900N 167-42-03.540E				NB on post.	
30450	KWAJALEIN-BIGEJ CHANNEL LIGHT 7	08-47-01.440N 167-42-30.600E	FI G 4s	13	5	SG on post.	
30455	Kwajalein-Bigej Channel Lighted Buoy 8	08-45-28.052N 167-43-53.399E	FI R 2.5s		3	Red.	
30460	KWAJALEIN-BIGEJ JUNCTION LIGHT N	08-44-19.399N 167-43-45.359E	FI (2+1)G 6s	12	5	Green and red bands.	
30465	Kwajalein Harbor Approach Channel Lighted Buoy 1	08-47-33.847N 167-39-47.209E	FI G 4s		5	Green.	
	5 7						

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10112	IALEIN ATOLL (Obs. 4.04747)	PA	CIFIC ISLANDS - For	urteenth Dis	trict		
	JALEIN ATOLL (Chart 81715) alein Lagoon						
30470	Kwajalein Harbor Junction Lighted Buoy B	08-45-24.752N 167-42-46.699E	FI (2+1)R 6s		4	Red and green bands.	
Kwaj a 30475	alein Harbor - Channel Buoy 3	08-45-02.455N 167-42-33.298E				Green nun.	
30480	- Channel Buoy 5	08-44-29.779N 167-43-06.347E				Green nun.	
30485	- Channel Buoy 7	08-44-18.193N 167-43-18.130E				Green nun.	
30490	- Channel Buoy 9	08-44-05.366N 167-43-31.500E				Green nun.	
30495	- Channel Lighted Buoy 8	08-44-11.482N 167-43-32.945E	FIR 4s		4	Red can.	
30500	- Channel Junction Buoy G	08-43-50.652N 167-43-38.899E				Green and red bands; nun.	
30505	- Channel Buoy 11	08-43-49.505N 167-43-44.569E				Green nun.	
	ND OF GUAM (Marianas) (Chart	81048)					
	n <mark>Island</mark> Marianas Islands have been conve	erted to the IALA Mar	itime Buoyage Syster	n for Region	A.		
30600	FAD Site "Number 6"	13-42-36.000N 145-01-36.000E	FIY4s			Yellow spherical buoy.	Private aid.
30602	PacIOOS Wave Lighted Buoy Ipan	13-21-15.120N 144-47-17.880E	FI Y 5s				Private aid.
30603	FAD Site "Cocos" - Guam	13-12-00.000N 144-41-42.000E	FIY 4s			Yellow spherical buoy.	Private aid.
30606	FAD Site "Umatac"	13-17-00.000N 144-37-00.000E	FIY 4s			Yellow spherical buoy.	Private aid.
30609 30612	FAD Site "9 Mile" FAD Site "FACPI 2" - Guam	13-15-06.000N 144-28-42.000E 13-19-36.000N	FI Y 4s FI Y 4s			Yellow spherical buoy. Yellow spherical	Private aid. Private aid.
30615	FAD Site "FACPI" - Guam	13-19-30.000N 144-33-18.000E 13-20-24.000N	FIY 4s			buoy. Yellow spherical	Private aid.
30618	FAD Site "Agat"	144-36-30.000E 13-23-18.000N	FIY 4s			buoy. Yellow spherical	Private aid.
30621	FAD Site "Number 1" - Guam	144-33-54.000E 13-32-12.000N	FIY 4s			buoy. Yellow spherical	Private aid.
30624	FAD Site "Number 2" - Guam	144-43-06.000E 13-35-36.000N	FIY4s			buoy. Yellow spherical	Private aid.
30627	FAD Site "Ledge" - Guam	144-45-36.000E 13-35-48.000N	FIY4s			buoy. Yellow spherical	Private aid.
30631	FAD Site "Number 3"	144-40-24.000E 13-39-54.000N	FIY 4s			buoy. Yellow spherical	Private aid.
30634	FAD Site "Number 4"	144-46-06.000E 13-43-18.000N	FIY4s			buoy. Yellow spherical	Private aid.
30637	FAD Site "Old NOAA" - Guam	144-43-18.000E 13-43-30.000N	FIY4s			buoy. Yellow spherical	Private aid.
30637.1	FAD Site GF1	144-40-48.000E 13-44-24.000N	FI Y 4s			buoy.	Private aid.
30640	FAD Site "Number 5"	144-39-40.000E 13-44-42.000N	FIY4s			Yellow Spherical	Private aid.
30650	PacIOOS Wave Lighted Buoy	144-48-24.000E 13-40-59.880N	FIY5s			buoy. Datawell Waverider	Private aid.
	Ritidian Ritidian Point, Guam	144-48-45.000E				Buoy. Yellow hull with light antenna 6ft above waterline.	
30660	RITIDIAN POINT LIGHT	13-39-00.395N 144-51-42.475E	FI W 6s	573	9	NB on pile.	Obscured from 291° to 053°.
Agan 30665	a Small Boat Basin Approach - RANGE FRONT LIGHT	13-28-44.376N 144-45-06.619E	QR	17		KRW on post.	Visible 4° each side of rangeline.
30670	- RANGE REAR LIGHT 108 yards, 186.8° from front light.	13-28-41.182N	Iso R 6s	35		KRW on post.	Visible 4° each side of rangeline.

	Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ICI AI	ND OF CHAM (Marianae) (Chart		CIFIC ISLANDS - For	urteenth Dis	trict		
Guan	ND OF GUAM (Marianas) (Chart n Island a Small Boat Basin Approach	81048)					
30675	- LIGHT 1	13-28-56.278N 144-45-06.247E	FI G 2.5s	17	3	TG on pile.	
30680	- LIGHT 2	13-28-56.198N 144-45-12.257E	FI R 2.5s	22	4	SR on pile.	
30685	Orote Point Light	13-26-47.041N 144-37-10.970E	FI W 5s	226	14	NB on concrete tower.	Obscured from 227° to 358°.
•	Outer Harbor						
30690	- Entrance Lighted Buoy 1	13-27-02.268N 144-37-24.367E	FI G 4s		4	Green.	
30695	- Entrance Lighted Buoy 2	13-27-10.127N 144-37-22.756E	FIR 4s		4	Red.	
30700	- ENTRANCE RANGE FRONT LIGHT	13-27-23.278N 144-39-59.780E	QG	39		KRW on post.	Visible 4° each side of rangeline Lighted throughout 24 hours.
30705	- ENTRANCE RANGE REAR LIGHT 661 yards, 083.7° from front light.	13-27-25.454N 144-40-19.757E	Iso G 6s	81		KRW on skeleton tower.	Visible 4° each side of rangeline Lighted throughout 24 hours.
30710	GLASS BREAKWATER LIGHT	13-27-17.472N 144-37-27.937E	FI W 4s	60	5	NB on concrete base.	
30725	- PIER DOG LIGHT	13-27-47.487N 144-38-54.160E	FI W 4s	25	5	NB on post.	Obscured from 090° to 270°.
30730	- Lighted Buoy 3	13-27-14.248N 144-39-14.727E	FI G 2.5s		4	Green.	
Cabra 30735	as Island Channel - Lighted Buoy 2	13-27-32.565N 144-39-19.377E	FI R 2.5s		3	Red.	
30740	- Junction Lighted Buoy A	13-27-24.318N 144-39-26.387E	FI (2+1)G 6s		4	Green and red bands.	
30745	- LIGHT 4	13-27-33.513N 144-39-38.003E	Iso R 6s	29	7	SR on concrete pile.	
30750	- Lighted Buoy 5	13-27-24.478N 144-39-49.717E	FI G 6s		4	Green.	
30751	PITI CHANNEL ENTRANCE LIGHT 1	13-27-35.400N 144-40-24.900E	FI G 4s	10	4	TG on pile.	
30752	PITI CHANNEL ENTRANCE LIGHT 2	13-27-36.500N 144-40-24.900E	FIR 4s	30	3	SR on pile.	
•	Outer Harbor						
30755	- Lighted Buoy 5	13-27-12.928N 144-39-21.657E	QG		4	Green.	
30760	- Lighted Buoy 6	13-27-13.758N 144-39-32.197E	FIR 4s		3	Red.	
30765	- Lighted Buoy 7	13-27-04.738N 144-39-31.297E	FI G 4s		4	Green nun.	
30770	- Lighted Buoy 8	13-27-09.138N 144-39-36.197E	FIR 6s		4	Red.	
30775	- Buoy 9	13-26-54.198N 144-39-36.197E				Green nun.	
30785	- LIGHT	13-26-36.621N 144-39-20.724E	Iso W 6s	22	5	NB on skeleton tower.	
Dryde	ock Point						
30787	- West Entrance Daybeacon 1	13-26-50.874N 144-40-09.434E				TG on pile.	Private aid.
30787.2	- West Entrance Daybeacon 2	13-26-53.461N 144-40-01.435E				SR on pile.	Private aid.
30787.4	- East Entrance Daybeacon 1	13-26-48.000N 144-40-24.000E				TG on pile.	Private aid.
30787.6	- East Entrance Daybeacon 2	13-26-50.908N 144-40-21.205E				SR on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ICI AN	ID OF CHAM (Marianas) (Chart		CIFIC ISLANDS - Fou	urteenth Dist	trict		
Guam	D OF GUAM (Marianas) (Chart Island ck Point	01040)					
30788	- Daybeacon B	13-26-57.268N 144-40-18.661E				NY on pile.	Private aid.
30788.2	- Daybeacon C	13-26-58.279N 144-40-24.183E				NY on pile.	Private aid.
30788.4	- Daybeacon D	13-26-58.879N 144-40-18.506E				NY on pile.	Private aid.
30788.6	- Daybeacon E	13-27-04.385N 144-40-06.386E				NY on pile.	Private aid.
30788.8	- Daybeacon F	13-27-05.668N 144-40-03.222E				NY on pile.	Private aid.
Apra I	nner Harbor						
30790	POLARIS POINT RANGE FRONT LIGHT	13-26-32.331N 144-40-01.901E	QR	16		KRW on post.	Visible 4° each side of rangelin
30795	POLARIS POINT RANGE REAR LIGHT 140 feet, 141° from front light.	13-26-29.101N 144-40-04.574E	Iso R 6s	30		KRW on post.	Visible 4° each side of rangelin
30800	- RANGE FRONT LIGHT	13-25-06.532N 144-40-01.738E	QG	42		KRW on post.	Visible 4° each side of rangelin
30805	- RANGE REAR LIGHT 188 yards, 176.5° from front light.	13-25-00.942N 144-40-02.091E	Iso G 6s	59		KRW on post.	Visible 4° each side of rangelin
30807	X-Ray Wharf Lighted Buoy 1	13-25-39.206N 144-40-09.049E	FI G 4s				Private aid.
30807.5	X-Ray Wharf Lighted Buoy 2	13-25-38.981N 144-40-15.392E	FIR 4s				Private aid.
Apra H 30810	Harbor West Channel Apra Harbor Western Shoal	13-26-59.579N				Red and green	
30810.5	Buoy WS ACOE Wave Meter Lighted	144-39-14.080E 13-22-12.000N	FI Y 4s			bands; can. Yellow sphere.	Aid maintained by U.S. Army
	Buoy	144-38-36.000E					Corps of Engineers.
Agat S 30811	Small Boat Harbor Agat Harbor Entrance Lighted Buoy AG	13-22-03.678N 144-38-30.732E	Mo (A) W		4	Red and white stripes with red spherical topmark.	
30811.1	- Entrance Lighted Buoy 1	13-22-00.365N 144-38-38.479E	QG		4	Green.	
30811.3	- LIGHT 3	13-21-57.528N 144-38-47.330E	FI G 2.5s	12		TG on pile	Private aid.
30811.4	- LIGHT 4	13-21-59.662N 144-38-47.764E	FI R 2.5s	12		SR on pile.	Private aid.
30811.5	- Daybeacon 5	13-21-59.067N 144-38-51.984E				TG on pile.	Private aid.
30811.6	- Daybeacon 6	13-22-00.551N 144-38-50.592E				SR on pile.	Private aid.
30811.7	- Daybeacon 7	13-22-01.715N 144-38-58.211E				TG on pile.	Private aid.
30811.8	- Daybeacon 8	13-22-03.381N 144-38-58.075E				SR on pile.	Private aid.
30811.9	- Daybeacon 9	13-22-03.799N 144-39-00.116E				TG on pile.	Private aid.
Merizo	· •						
Mama 30815	on Channel - Lighted Buoy 1	13-16-09.000N 144-39-27.000E	QG			Green.	Private aid.
30820	- Lighted Buoy 2	13-16-11.000N 144-39-32.237E	QR			Red.	Private aid.
	ISLAND (Chart 81063)						
rota V	Vest Harbor - RANGE FRONT LIGHT	14-08-11.852N	QG	37		KRW on post.	Visible 4° each side of

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ROTA	ISLAND (Chart 81063)	PA	CIFIC ISLANDS - Four	rteenth Dis	trict		
Rota \	West Harbor						
30850	- RANGE REAR LIGHT 30 yards, 117.2° from front light.	14-08-11.430N 145-08-06.755E	Iso G 6s	48		KRW on post.	Visible 4° each side of rangeline.
30851.1	FAD Site EE - Rota	14-12-42.000N 145-10-48.000E	FI W 4s				Private aid.
30851.2	FAD Site DD - Rota	14-05-48.000N 145-09-12.000E	FI W 4s				Private aid.
30851.3	FAD Site DE - Rota	14-10-26.000N 145-06-00.000E	FI W 4s				Private aid.
SAIPA	AN (Chart 81076)						
30852.13	Fad Site CC - Saipan	14-59-30.000N 145-43-48.000E	FI W 4s				Private aid.
30852.16	Fad Site FF - Saipan	14-59-54.000N 145-27-42.000E	FI W 4s				Private aid.
30852.17	FAD Site GG - Saipan	15-04-36.000N 145-32-56.000E	FI W 4s				Private aid.
30852.18	Fad Site HH - Saipan	15-09-51.000N 145-28-15.000E	FI W 4s				Private aid.
30852.19	FAD Site II - Saipan	15-14-54.000N 145-29-47.000E	FI W 4s				Private aid.
30852.2	FAD Site JJ - Saipan	15-19-19.000N 145-32-20.000E	FI W 4s				Private aid.
30852.21	FAD Site KK - Saipan	15-17-11.000N 145-41-20.000E	FI W 4s				Private aid.
30852.22	Fad Site LL - Saipan	15-20-45.000N 145-46-00.000E	FI W 4s				Private aid.
Tanan	aan Uarbar						
	oag Harbor n and Tinian (Chart 81067)						
•	C Fad - 1, Tinian Data collection	14-58-03.800N 145-33-59.300E	QY			yellow	established 06Oct2020 Private aid.
Tanan	oag Harbor						
30853	PacIOOS Wave Lighted Buoy Tanapag Putan Muchot, Saipan	15-16-04.919N 145-39-43.970E	FIY 5s			Datawell Waverider Buoy. Yellow hull with	Private aid.
						light antenna 6ft above waterline.	
30855	- Approach Lighted Buoy T	15-12-11.497N 145-40-28.916E	Mo (A) W		5	Red and white stripes.	
30860	Okino Reef Lighted Buoy 1	15-12-42.992N 145-41-45.099E	FI G 2.5s			ourpoo.	
30865	MANAGAHA ISLAND LIGHT	15-14-26.192N 145-42-44.628E	FWRG	75	W 8	NB on spindle.	Green from 030° to 040°. White from 040° to 047°. Red from
		145-42-44.020E	(G & R sectors)		G 8 R 8		047° to 057°.
30870	- Channel Lighted Buoy 2	15-13-12.741N 145-41-24.886E	FI R 2.5s		4	Red.	
30871	- Channel Lighted Buoy 2A	15-13-45.408N 145-42-01.182E	QR		3	Red.	
30875	- RANGE FRONT LIGHT	15-13-45.592N 145-44-25.585E	QG	53		KRW on skeleton tower.	Visible 4° each side of rangeline
30880	 RANGE REAR LIGHT 1,085 yards, 088.1° from front light. 	15-13-46.516N 145-44-58.820E	Iso G 6s	126		KRW on skeleton tower.	Visible 4° each side of rangeline
30885	- Channel Lighted Buoy 3	15-13-39.270N 145-42-05.736E	QG		4	Green.	
30890	- Channel Lighted Buoy 4	15-13-44.260N 145-42-38.490E	FI R 2.5s		4	Red can.	
30895	- Channel Lighted Buoy 5	15-13-40.732N 145-42-38.160E	FI G 2.5s			Green nun.	
30900	- Channel Lighted Buoy 6	15-13-45.430N 145-43-03.470E	FIR 4s		4	Red.	
30905	- Channel Lighted Buoy 7	15-13-41.652N 145-43-03.215E	FI G 4s		3	Green.	
30910	- Channel Buoy 8	15-14-06.327N 145-43-27.692E				Red can.	

Light List corrected through LNM week: 52/23

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		PA	CIFIC ISLANDS - Fou	ırteenth Dis	trict		
SAIP	AN (Chart 81076)						
	pag Harbor						
30912	- Channel Buoy 10	15-13-45.897N 145-44-10.416E					
Smili	ing Cove						
30913	- Lighted Buoy 1	15-13-28.850N 145-43-22.180E	FI G 2.5s			Green nun.	Private aid.
30914	- Lighted Buoy 2	15-13-21.970N 145-43-23.540E				Red can.	Private aid.
Tana	AN (Chart 81076) pag Harbor an Channel						
30919	USHI POINT LIGHT	15-06-01.620N 145-38-39.039E	FI W 2.5s	18	6	NB on Pile.	
TINIA	AN (Chart 81071)						
Tinia	n Harbor						
30920	- Channel Lighted Buoy 1	14-57-14.137N 145-37-23.986E	FI G 2.5s		3	Green.	
30925	- Channel Lighted Buoy 2	14-57-24.154N 145-37-21.871E	FI R 2.5s		3	Red.	
30930	- Channel Lighted Buoy 3	14-57-28.765N 145-37-34.739E	QG		3	Green.	
30935	- Channel Lighted Buoy 4	14-57-32.778N 145-37-27.531E	QR		3	Red.	
30940	- CHANNEL LIGHT 5	14-57-50.760N 145-37-24.300E	FI G 4s	20	4	TG on post. On corner of pier.	
30945	- Channel Buoy 6	14-57-43.007N 145-37-23.006E				Red can.	

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A la a u al a a ua	45070	Cana I linahinhanak I iaht	4405	Divisionials Hand Links	10010
Aberdeen	15870	Cape Horn		Duwamish Head Light	16910
Active Pass Light	20370	Cape Horn	11605		
Adak Island	27515	Cape Scott Light	930		
Admiralty Inlet	16475	Cape Spencer Light	1070, 24240		
Afognak Bay	26500	Cape St. Elias Light	1100	E	
Agana Small Boat Basin	00005	Cape St. James Light	935	_	
Approach	30665	Captains Bay	27504	Establishes	40000
Agat Small Boat Harbor	30811	Carmanah Point Light (C)	770, 16140	Eagle Harbor	18000
Ala Wai Boat Harbor	29090	Carquinez Strait	6211	East Brother Light	5865
Alameda Naval Air Station		Carr Inlet	17295	East Channel	22040
Channel	4745	Cascade Rapids	11795	East Passage	16915
Alamitos Bay	2830	Cathlamet Bay North Channel .	14745	Eastern Channel	24925
Alaska Peninsula	27060	Cathlamet Bay Prairie Channel	14765	Eastern Passage	22680
Albion River	8080	Cathlamet Bay South Channel .		Ediz Hook	16280
Alcatraz Light	4315			Ediz Hook Light	16280
Alidale Channel	24960	Cathlamet Channel	10530	Edna Bay	24740
Alitak Bay	26920	Cerritos Channel	3180	El Capitan Passage	24770
Alki Point Light	16915	Channel Islands Harbor	3630	El Segundo	3380
Amphitrite Point Light	810	Chatham Strait	23455		24245
		Chetco River	8605	Elfin Cove	
Anacapa Island Light	185	Chilkoot Inlet	23900	Elk Rock	15000
Anacortes Harbor	19040	China Bar	14395	Elliott Bay	16837
Anaheim Bay	2405	Chiniak Bay	1180, 26850	Elrington Passage	25965
Apra Harbor West Channel	30810	Chinook Channel	14520	Emeryville Marina	5360
Apra Inner Harbor	30790	Chula Vista Channel	2159	Empire Range	8855
Apra Outer Harbor	30690	Clarence Strait	22360	Entrance Island Light	20540
Astoria	10075			Ernest Sound	22530
7.0.0		Coast Guard Mooring	16291	Estero Bay	3955
		Coconut Point Directional Light		Estevan Point Light	850
		Cold Bay	27200		
		Columbia River	9895	Eureka	10560
В		Colvos Passage	17098		
_		Controller Bay	25450		
Dalaa Day Maat Obaaa al	44445	Cook Inlet	1155, 26065		
Baker Bay West Channel	14415	Coos Bay	8735	F	
Ballena Bay Harbor	4820	Coos River	9090	Г	
Bar Harbor	22200				
Barbers Point	29580	Copper River Delta	25455	Faleasao Harbor	30265
Barbers Point Light	29650	Coquille River	8680	Farallon Light	355
		Cornet Bay	18900		
Bay Center Channel	15495		18900 2060	Fashion Reef	11630
Bay Center Channel Bechevin Bay	15495 27250	Cornet Bay		Fashion Reef Favorite Channel	11630 23815
Bay Center Channel Bechevin Bay	15495 27250 22303	Coronado Cays Channel Corte Madera Channel	2060 5520	Fashion Reef Favorite Channel	11630 23815 21985
Bay Center Channel Bechevin Bay	15495 27250 22303 19220	Coronado Cays Channel Corte Madera Channel Cottonwood Island	2060 5520 10845	Fashion Reef	11630 23815 21985 3225
Bay Center Channel	15495 27250 22303 19220 19165	Coronado Cays Channel Corte Madera Channel Cottonwood Island	2060 5520 10845 15810	Fashion Reef	11630 23815 21985 3225 19560
Bay Center Channel	15495 27250 22303 19220 19165 5430	Coronado Cays Channel Corte Madera Channel Cottonwood Island	2060 5520 10845 15810 5140	Fashion Reef	11630 23815 21985 3225 19560 23280
Bay Center Channel	15495 27250 22303 19220 19165 5430 17166	Coronado Cays Channel Corte Madera Channel Cottonwood Island	2060 5520 10845 15810 5140 24500	Fashion Reef	11630 23815 21985 3225 19560 23280 14125
Bay Center Channel	15495 27250 22303 19220 19165 5430	Coronado Cays Channel Corte Madera Channel Cottonwood Island	2060 5520 10845 15810 5140 24500 8355	Fashion Reef	11630 23815 21985 3225 19560 23280
Bay Center Channel	15495 27250 22303 19220 19165 5430 17166	Coronado Cays Channel Corte Madera Channel Cottonwood Island	2060 5520 10845 15810 5140 24500 8355 10675	Fashion Reef	11630 23815 21985 3225 19560 23280 14125
Bay Center Channel	15495 27250 22303 19220 19165 5430 17166 22670	Coronado Cays Channel Corte Madera Channel Cottonwood Island Cow Point Craig Harbor Crescent City Harbor Crims Island Cross Sound	2060 5520 10845 15810 5140 24500 8355 10675 24225	Fashion Reef	11630 23815 21985 3225 19560 23280 14125 23215
Bay Center Channel	15495 27250 22303 19220 19165 5430 17166 22670 16925 24665	Coronado Cays Channel Corte Madera Channel Cottonwood Island	2060 5520 10845 15810 5140 24500 8355 10675	Fashion Reef	11630 23815 21985 3225 19560 23280 14125 23215
Bay Center Channel Bechevin Bay Behm Canal Bellingham Bay Bellingham Channel Berkeley Blair Waterway Blake Channel Blake Island Boca de Finas Bodega Bay	15495 27250 22303 19220 19165 5430 17166 22670 16925 24665 7765	Coronado Cays Channel Corte Madera Channel Cottonwood Island Cow Point Craig Harbor Crescent City Harbor Crims Island Cross Sound	2060 5520 10845 15810 5140 24500 8355 10675 24225	Fashion Reef	11630 23815 21985 3225 19560 23280 14125 23215
Bay Center Channel Bechevin Bay Behm Canal Bellingham Bay Bellingham Channel Berkeley Blair Waterway Blake Channel Blake Island Boca de Finas Bodega Bay Bodega Harbor	15495 27250 22303 19220 19165 5430 17166 22670 16925 24665 7765	Coronado Cays Channel Corte Madera Channel Cottonwood Island Cow Point Craig Harbor Crescent City Harbor Crims Island Cross Sound	2060 5520 10845 15810 5140 24500 8355 10675 24225	Fashion Reef Favorite Channel Felice Strait Fish Harbor Fisherman Bay Five Finger Light Franklin D. Roosevelt Lake Frederick Sound Friday Harbor	11630 23815 21985 3225 19560 23280 14125 23215
Bay Center Channel Bechevin Bay Behm Canal Bellingham Bay Bellingham Channel Berkeley Blair Waterway Blake Channel Blake Island Boca de Finas Bodega Bay Bodega Harbor Bonita Channel	15495 27250 22303 19220 19165 5430 17166 22670 16925 24665 7765 7775 4225	Coronado Cays Channel Corte Madera Channel Cottonwood Island Cow Point Craig Harbor Crescent City Harbor Crims Island Cross Sound	2060 5520 10845 15810 5140 24500 8355 10675 24225	Fashion Reef	11630 23815 21985 3225 19560 23280 14125 23215
Bay Center Channel Bechevin Bay Behm Canal Bellingham Bay Bellingham Channel Berkeley Blair Waterway Blake Channel Blake Island Boca de Finas Bodega Bay Bodega Harbor Bonita Channel Bonneville Pool	15495 27250 22303 19220 19165 5430 17166 22670 16925 24665 7765 7775 4225 11765	Coronado Cays Channel Corte Madera Channel Cottonwood Island Cow Point Craig Harbor Crescent City Harbor Crims Island Cross Sound Cultus Bay	2060 5520 10845 15810 5140 24500 8355 10675 24225	Fashion Reef Favorite Channel Felice Strait Fish Harbor Fisherman Bay Five Finger Light Franklin D. Roosevelt Lake Frederick Sound Friday Harbor	11630 23815 21985 3225 19560 23280 14125 23215
Bay Center Channel Bechevin Bay Behm Canal Bellingham Bay Bellingham Channel Berkeley Blair Waterway Blake Channel Blake Island Boca de Finas Bodega Bay Bodega Harbor Bonita Channel Bonneville Pool Boundary Pass	15495 27250 22303 19220 19165 5430 17166 22670 16925 24665 7765 7775 4225 11765 19800	Coronado Cays Channel Corte Madera Channel Cottonwood Island Cow Point Craig Harbor Crescent City Harbor Crims Island Cross Sound	2060 5520 10845 15810 5140 24500 8355 10675 24225	Fashion Reef Favorite Channel Felice Strait Fish Harbor Fisherman Bay Five Finger Light Franklin D. Roosevelt Lake Frederick Sound Friday Harbor	11630 23815 21985 3225 19560 23280 14125 23215 19605
Bay Center Channel Bechevin Bay Behm Canal Bellingham Bay Bellingham Channel Berkeley Blair Waterway Blake Channel Blake Island Boca de Finas Bodega Bay Bodega Harbor Bonita Channel Bonneville Pool Boundary Pass Brisbane Marina	15495 27250 22303 19220 19165 5430 17166 22670 16925 24665 7765 7775 4225 11765 19800 4980	Coronado Cays Channel Corte Madera Channel Cottonwood Island Cow Point Craig Harbor Crescent City Harbor Crims Island Cross Sound Cultus Bay	2060 5520 10845 15810 5140 24500 8355 10675 24225	Fashion Reef Favorite Channel Felice Strait Fish Harbor Fisherman Bay Five Finger Light Franklin D. Roosevelt Lake Frederick Sound Friday Harbor G Gallows Point Light	11630 23815 21985 3225 19560 23280 14125 23215 19605
Bay Center Channel Bechevin Bay Behm Canal Bellingham Bay Bellingham Channel Berkeley Blair Waterway Blake Channel Blake Island Boca de Finas Bodega Bay Bodega Harbor Bonita Channel Bonneville Pool Boundary Pass Brisbane Marina Bristol Bay	15495 27250 22303 19220 19165 5430 17166 22670 16925 24665 7765 7775 4225 11765 19800 4980 27553	Coronado Cays Channel Corte Madera Channel Cottonwood Island Cow Point Craig Harbor Crescent City Harbor Crims Island Cross Sound Cultus Bay	2060 5520 10845 15810 5140 24500 8355 10675 24225	Fashion Reef Favorite Channel Felice Strait Fish Harbor Fisherman Bay Five Finger Light Franklin D. Roosevelt Lake Frederick Sound Friday Harbor G Gallows Point Light Garibaldi Channel	11630 23815 21985 3225 19560 23280 14125 23215 19605
Bay Center Channel Bechevin Bay Behm Canal Bellingham Bay Bellingham Channel Berkeley Blair Waterway Blake Channel Blake Island Boca de Finas Bodega Bay Bodega Harbor Bonita Channel Bonneville Pool Boundary Pass Brisbane Marina Bristol Bay Brooklyn Basin	15495 27250 22303 19220 19165 5430 17166 22670 16925 24665 7765 7775 4225 11765 19800 4980 27553	Coronado Cays Channel Corte Madera Channel Cottonwood Island Cow Point Craig Harbor Crescent City Harbor Crims Island Cross Sound Cultus Bay D Dabob Bay	2060 5520 10845 15810 5140 24500 8355 10675 24225 16583	Fashion Reef Favorite Channel Felice Strait Fish Harbor Fisherman Bay Five Finger Light Franklin D. Roosevelt Lake Frederick Sound Friday Harbor G Gallows Point Light Garibaldi Channel Gastineau Channel	11630 23815 21985 3225 19560 23280 14125 23215 19605
Bay Center Channel Bechevin Bay Behm Canal Bellingham Bay Bellingham Channel Berkeley Blair Waterway Blake Channel Blake Island Boca de Finas Bodega Bay Bodega Harbor Bonita Channel Bonneville Pool Boundary Pass Brisbane Marina Bristol Bay Brooklyn Basin	15495 27250 22303 19220 19165 5430 17166 22670 16925 24665 7765 7775 4225 11765 19800 4980 27553	Coronado Cays Channel Corte Madera Channel Cottonwood Island Cow Point Craig Harbor Crescent City Harbor Crims Island Cross Sound Cultus Bay D Dabob Bay Dana Passage	2060 5520 10845 15810 5140 24500 8355 10675 24225 16583	Fashion Reef Favorite Channel Felice Strait Fish Harbor Fisherman Bay Five Finger Light Franklin D. Roosevelt Lake Frederick Sound Friday Harbor G Gallows Point Light Garibaldi Channel Gastineau Channel Geese Channel	11630 23815 21985 3225 19560 23280 14125 23215 19605
Bay Center Channel Bechevin Bay Behm Canal Bellingham Bay Bellingham Channel Berkeley Blair Waterway Blake Channel Blake Island Boca de Finas Bodega Bay Bodega Harbor Bonita Channel Bonneville Pool Boundary Pass Brisbane Marina Bristol Bay Brooklyn Basin Browns Point Light	15495 27250 22303 19220 19165 5430 17166 22670 16925 24665 7765 7775 4225 11765 19800 4980 27553 4685 17090	Coronado Cays Channel Corte Madera Channel Cottonwood Island Cow Point Coyote Point Craig Harbor Crescent City Harbor Crims Island Cross Sound Cultus Bay Dabob Bay Dana Passage Dana Point	2060 5520 10845 15810 5140 24500 8355 10675 24225 16583	Fashion Reef Favorite Channel Felice Strait Fish Harbor Fisherman Bay Five Finger Light Franklin D. Roosevelt Lake Frederick Sound Friday Harbor G Gallows Point Light Garibaldi Channel Gastineau Channel Geese Channel Glacier Bay	11630 23815 21985 3225 19560 23280 14125 23215 19605 20460 9835 23660 26895 24215
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Haleway Harbor 2970	Hale Passage	19290	Kawaihae Harbor	28275	Lower Granite Reservoir	13940
Hammersley Inlet						
Hammond Boat Basin						
Hanappe Bay	,					
Harbor Island East Basin	Hammond Boat Basin	14540	Keehi Lagoon	29315	Lucy Islands Light	21770
Harbor Island East Basin	Hanapepe Bay	29875	Keku Strait	23305.1		
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Honokohau Harbor 28190		18175			Marina del Rey	3445
Honolulu Harbor 29170						26463
Honolul Harbor Entrance Light						
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Hood Bay	Honolulu Harbor Entrance Light	.29170		27010		
Hood Canal			•		Maryhill-Biggs Bridge Approach	.12325
Hook River			•			
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Hunters Point			, , ,			26055
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Hyperion			Kwajalein Harbor	30475		
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Kwajalein-Roi Highway Channel 30354					McNary Dam	12820
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Johnstone Point Light 14925 Langley Breakwater 18611 Larsen Bay 26965 Lehua Island 29935 Lehua Island 294285 Naked Island 25826 Naked Island 25826 Naked Island 25826 Naked Island 25826 Napa River 6140 Navaliwili Harbor 299755 Napa River 6140 Navaliwili Harbor 299755 Napa River 6140 Navaliwili Harbor 299755 Napa River 299755 Na	Icy Strait	24120 27480 1040, 25370 19969	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula	28455 28470 12155 13255 8410 12395 18185 12865	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820
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Lehua Island	Icy Strait	24120 27480 1040, 25370 19969	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820
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Lennard Island Light	Icy Strait	24120 27480 1040, 25370 19969	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Walshington Lanai Island Langley Breakwater	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820
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K Lewis and Clark River 14585 Nahcotta Channel 15420 Kachemak Bay 26185 Lime Kiln Light 19695 Nakat Bay 21910 Kachemak Bay 26185 Lisianski Inlet 24285 Naked Island 25826 Kahului Boat Ramp 28216.1 Lisianski Strait 1050, 25375 Napa River 6140 Kahului Harbor 28340 Little Branch Bay 24895 Nawiliwili Harbor 29755 Kailua Light 28185 Little Goose Dam 13680 Nawiliwili Harbor Light 29745 Kaiser Boat Channel 29060 Little Goose Reservoir 13697 Nawiliwili Small Boat Harbor 29805 Kalama 10895 Lituya Bay 25405 New Asili Will Small Boat Harbor 29805 Kalihi Channel 29240 Long Beach Channel 3010 New Strait 25090 Kaneohe Bay 28680 Long Beach Light 125, 3012 New Dungeness Light 16335 Karheen Passage 24680 Los Angeles Approach Channel 3105 New York Slough <td< td=""><td>Icy Strait</td><td>24120 27480 1040, 25370 19969 12370 14925 25535</td><td>Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island</td><td>28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935</td><td>Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls</td><td>2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820</td></td<>	Icy Strait	24120 27480 1040, 25370 19969 12370 14925 25535	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820
Lime Kiln Light	Icy Strait	24120 27480 1040, 25370 19969 12370 14925 25535	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Lennard Island Light	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820
Kachemak Bay Lime Kiln Light 19695 Nakat Bay 21910 Kachemak Bay 26185 Lisianski Inlet 24285 Naked Island 25826 Kahului Boat Ramp 28216.1 Lisianski Strait 1050, 25375 Napa River 6140 Kahului Harbor 28340 Little Branch Bay 24895 Nawiliwili Harbor 29755 Kailua Light 28185 Little Goose Dam 13680 Nawiliwili Harbor Light 29745 Kaiser Boat Channel 29060 Little Goose Reservoir 13697 Nawiliwili Harbor Light 29805 Kalama 10895 Lituya Bay 25405 Nehalem River 9880 Kalihi Channel 29240 Long Beach Channel 3010 Neva Strait 25090 Kaneohe Bay 28680 Long Beach Light 125, 3012 New Dungeness Light 16335 Karheen Passage 24680 Los Angeles Approach Channel 3105 New York Slough 6620 Kauai Island 29735 Channel 3165 Nichols Passage 22020	Icy Strait	24120 27480 1040, 25370 19969 12370 14925 25535	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Lennard Island Light Lewis and Clark Bridge	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665
Kachemak Bay 26185 Lisianski Inlet 24285 Naked Island 25826 Kahului Boat Ramp 28216.1 Lisianski Strait 1050, 25375 Napa River 6140 Kahului Harbor 28340 Little Branch Bay 24895 Nawiliwili Harbor 29755 Kailua Light 28185 Little Goose Dam 13680 Nawiliwili Harbor 29745 Kaiser Boat Channel 29060 Little Goose Reservoir 13697 Nawiliwili Harbor 29805 Kalama 10895 Lituya Bay 25405 Nehalem River 9880 Kalihi Channel 29240 Long Beach Channel 3010 Neva Strait 25090 Kaneohe Bay 28680 Long Beach Light 125, 3012 New Dungeness Light 16335 Kaneohe Bay Utility Channel 28850 Long Angeles Approach Channel 3105 New York Slough 6620 Kasaan Bay 22380 Los Angeles East Basin Nichols Bay 2435 Kaui Island 29735 Los Angeles Harbor 3096 Nichols Passage 22020	Icy Strait	24120 27480 1040, 25370 19969 12370 14925 25535	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Lennard Island Light Lewis and Clark Bridge	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811	Mission Bay	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665
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Kahului Boat Ramp 28216.1 Listle Branch Bay 24895 Nawiliwili Harbor 29755 Kahului Harbor 28340 Little Branch Bay 24895 Nawiliwili Harbor Light 29745 Kailua Light 28185 Little Goose Dam 13680 Nawiliwili Harbor Light 29745 Kaiser Boat Channel 29060 Little Goose Reservoir 13697 Nawiliwili Small Boat Harbor 29805 Kalama 10895 Lituya Bay 25405 New Askiliwili Small Boat Harbor 29805 Kalihi Channel 29240 Long Beach Channel 3010 Neva Strait 25090 Kaneohe Bay 28680 Long Beach Light 125, 3012 New Dungeness Light 16335 Kaneohe Bay Utility Channel 28850 Longview 10745 New York Slough 6620 Karheen Passage 24680 Los Angeles Approach Channel 3105 Newport Bay 2435 Kasaan Bay 22380 Los Angeles East Basin Nichols Passage 22020 Kaui Island 29735 Los Angeles Harbor 3096 N	Icy Strait Iliuliuk Harbor Imperial Passage International Boundary J John Day Johns Landing Pier Johnstone Point Light	24120 27480 1040, 25370 19969 12370 14925 25535	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Lennard Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695	Mission Bay	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665
Kahului Harbor 28340 Little Branch Bay 24895 Nawiliwili Harbor 29755 Kailua Light 28185 Little Goose Dam 13680 Nawiliwili Harbor Light 29745 Kaiser Boat Channel 29060 Little Goose Reservoir 13697 Nawiliwili Harbor Light 29805 Kalama 10895 Littly Bay 25405 New Jamel Boat Harbor 29805 Kalihi Channel 29240 Long Beach Channel 3010 Neva Strait 25090 Kaneohe Bay 28680 Long Beach Light 125, 3012 New Dungeness Light 16335 Kaneohe Bay Utility Channel 28850 Longview 10745 New York Slough 6620 Karheen Passage 24680 Los Angeles Approach Channel 3105 Newport Bay 2435 Kasaan Bay 22380 Los Angeles East Basin Nichols Passage 22020 Kaui Island 29735 Los Angeles Harbor 3096 Nisqually Reach 17345 Kaumalapau Harbor 28555 Los Angeles Main Channel 3115 Nootka Light	Icy Strait Iliuliuk Harbor Imperial Passage International Boundary J John Day Johns Landing Pier Johnstone Point Light	24120 27480 1040, 25370 19969 12370 14925 25535	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N Nahcotta Channel Nakat Bay Naked Island	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665
Kailua Light 28185 Little Goose Dam 13680 Nawiliwili Harbor Light 29745 Kaiser Boat Channel 29060 Little Goose Reservoir 13697 Nawiliwili Small Boat Harbor 29805 Kalama 10895 Lituya Bay 25405 Nehalem River 9880 Kalihi Channel 29240 Long Beach Channel 3010 Nev Strait 25090 Kaneohe Bay 28680 Long Beach Light 125, 3012 New Dungeness Light 16335 Kaneohe Bay Utility Channel 28850 Longview 10745 New York Slough 6620 Karheen Passage 24680 Los Angeles Approach Channel 3105 Newport Bay 2435 Kasaan Bay 22380 Los Angeles Basin Nichols Bay 24320 Kaui Island 29735 Los Angeles Harbor 3096 Nisqually Reach 17345 Kaumalapau Harbor 28555 Los Angeles Main Channel 3115 Nootka Light 860 Kaunakakai Harbor (Chart 19353) 28600 Los Angeles Outer Harbor 3185 No	Icy Strait	24120 27480 1040, 25370 19969 12370 14925 25535	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N Nahcotta Channel Nakat Bay Naked Island Napa River	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140
Kaiser Boat Channel 29060 Little Goose Reservoir 13697 Nawiliwili Small Boat Harbor 29805 Kalama 10895 Lituya Bay 25405 Nehalem River 9880 Kalihi Channel 29240 Long Beach Channel 3010 New Strait 25090 Kaneohe Bay 28680 Long Beach Light 125, 3012 New Dungeness Light 16335 Kaneohe Bay Utility Channel 28850 Longview 10745 New York Slough 6620 Karheen Passage 24680 Los Angeles Approach Channel 3105 Newport Bay 2435 Kasaan Bay 22380 Los Angeles East Basin Nichols Passage 22020 Kauia Island 29735 Los Angeles Harbor 3096 Nisqually Reach 17345 Kauhola Point Light 28515 Los Angeles Light 135, 3110 Nome Harbor 27960 Kaunakakai Harbor (Chart 19353) 28600 Los Angeles Outer Harbor 3185 North Channel 14610	Icy Strait	24120 27480 1040, 25370 19969 12370 14925 25535	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N Nahcotta Channel Nakat Bay Naked Island Napa River	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140
Kalser Boat Charmer 29060 Litture Goods (Castroll) 15057 Nehalem River 9880 Kalama 10895 Littuya Bay 25405 New Oungeness Light 25090 Kalihi Channel 29240 Long Beach Channel 3010 New Dungeness Light 16335 Kaneohe Bay 28680 Long Beach Light 125, 3012 New Dungeness Light 16335 Kaneohe Bay Utility Channel 28850 Longview 10745 New York Slough 6620 Karheen Passage 24680 Los Angeles Approach Channel 3105 Newport Bay 2435 Kasaan Bay 22380 Los Angeles East Basin Nichols Bay 24320 Kauia Island 29735 Los Angeles Harbor 3096 Nisqually Reach 17345 Kaumalapau Harbor 28555 Los Angeles Light 135, 3110 Nome Harbor 27960 Kaunakakai Harbor (Chart 19353) 28600 Los Angeles Outer Harbor 3185 North Channel 14610	Icy Strait	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait Little Branch Bay	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755
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Kalihi Channel 29240 Long Beach Channel 3010 Neva Straft 25090 Kaneohe Bay 28680 Long Beach Light 125, 3012 New Dungeness Light 16335 Kaneohe Bay Utility Channel 28850 Longview 10745 New York Slough 6620 Karheen Passage 24680 Los Angeles Approach Channel 3105 Newport Bay 2435 Kasaan Bay 22380 Los Angeles East Basin Nichols Bay 24320 Kauia Island 29735 Los Angeles Harbor 3096 Nisqually Reach 17345 Kauhola Point Light 28510 Los Angeles Light 135, 3110 Nome Harbor 27960 Kaunakakai Harbor (Chart 28555 Los Angeles Main Channel 3115 Nootka Light 860 Kaunakakai Harbor (Chart 19353) 28600 Los Angeles Outer Harbor 3185 North Channel 14610	Icy Strait	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340 28185 29060	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait Little Branch Bay Little Goose Reservoir	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895 13680 13697	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor Nawiliwili Harbor Light Nawiliwili Small Boat Harbor	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755 29745 29805
Kaneohe Bay 28680 Long Beach Light 125, 3012 New Dungeness Light 16335 Kaneohe Bay Utility Channel 28850 Longview 10745 New York Slough 6620 Karheen Passage 24680 Los Angeles Approach Channel 3105 Newport Bay 2435 Kasaan Bay 22380 Los Angeles East Basin Nichols Bay 24320 Kauai Island 29735 Los Angeles Harbor 3096 Nisqually Reach 17345 Kauhola Point Light 28010 Los Angeles Light 135, 3110 Nome Harbor 27960 Kaunakakai Harbor (Chart 28555 Los Angeles Main Channel 3115 Nootka Light 860 Kaunakai Harbor (Chart 28600 Los Angeles Outer Harbor 3185 North Channel 14610	Icy Strait	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340 28185 29060	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait Little Branch Bay Little Goose Reservoir	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895 13680 13697	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor Nawiliwili Harbor Light Nawiliwili Small Boat Harbor Nehalem River	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755 29745 29805 9880
Kaneone Bay 28850 Longview 10745 New York Slough 6620 Karheen Passage 24680 Los Angeles Approach Channel 3105 Newport Bay 2435 Kasaan Bay 22380 Los Angeles East Basin Nichols Bay 24320 Kauai Island 29735 Channel 3165 Nichols Passage 22020 Kauhola Point Light 28010 Los Angeles Harbor 3096 Nisqually Reach 17345 Kaumalapau Harbor 28555 Los Angeles Light 135, 3110 Nome Harbor 27960 Kaunakakai Harbor (Chart 28600 Los Angeles Outer Harbor 3115 Nootka Light 860 Los Angeles Outer Harbor 3185 North Channel 14610	Icy Strait Iliuliuk Harbor Imperial Passage International Boundary J John Day Johns Landing Pier Johnstone Point Light K Kachemak Bay Kahului Boat Ramp Kahului Harbor Kailua Light Kaiser Boat Channel Kalama	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340 28185 29060 10895	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Umion Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Lennard Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait Little Branch Bay Little Goose Dam Little Goose Reservoir Lituya Bay	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895 13680 13697 25405	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor Nawiliwili Harbor Light Nawiliwili Small Boat Harbor Nehalem River Neva Strait	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755 29745 29805 9880 25090
Karleone Bay Utility Channel 28830 Long Angeles 10740 Newport Bay 2435 Karheen Passage 24680 Los Angeles Approach Channel 3105 Nichols Bay 24320 Kasaan Bay 22380 Los Angeles East Basin Nichols Passage 22020 Kauai Island 29735 Los Angeles Harbor 3096 Nisqually Reach 17345 Kauhola Point Light 2855 Los Angeles Harbor 3096 Nome Harbor 27960 Kaunakakai Harbor (Chart Los Angeles Main Channel 3115 Nootka Light 860 Los Angeles Outer Harbor 3185 North Channel 14610	Icy Strait Iliuliuk Harbor Imperial Passage International Boundary J John Day Johns Landing Pier Johnstone Point Light K Kachemak Bay Kahului Boat Ramp Kahului Harbor Kailua Light Kaiser Boat Channel Kalama Kalihi Channel	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340 28185 29060 10895 29240	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Umion Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Lennard Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait Little Branch Bay Little Goose Dam Little Goose Reservoir Lituya Bay Long Beach Channel	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895 13680 13697 25405 3010	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor Nawiliwili Harbor Light Nawiliwili Small Boat Harbor Nehalem River Neva Strait	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755 29745 29805 9880 25090
Karheen Passage 24680 Los Angeles Approach Channel 3105 Newpolt Bay 2435 Kasaan Bay 22380 Los Angeles East Basin Nichols Bay 24320 Kauai Island 29735 Channel 3165 Nichols Passage 22020 Kauhola Point Light 28010 Los Angeles Harbor 3096 Nisqually Reach 17345 Kaumalapau Harbor 28555 Los Angeles Light 135, 3110 Nome Harbor 27960 Kaunakakai Harbor (Chart 19353) Los Angeles Outer Harbor 3185 North Channel 14610	Icy Strait Iliuliuk Harbor Imperial Passage International Boundary J John Day Johns Landing Pier Johnstone Point Light K Kachemak Bay Kahului Boat Ramp Kahului Harbor Kailua Light Kaiser Boat Channel Kalama Kalihi Channel Kaneohe Bay	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340 28185 29060 10895 29240 28680	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Umion Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait Little Branch Bay Little Goose Dam Littly Bay Long Beach Channel Long Beach Channel Long Beach Light	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895 13680 13697 25405 3010 125, 3012	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor Nawiliwili Harbor Light Nawiliwili Small Boat Harbor Neva Strait New Dungeness Light	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755 29745 29805 9880 25090 16335
Kasaan Bay 22380 Los Angeles East Basin Nichols Bay 24320 Kauai Island 29735 Channel 3165 Nichols Passage 22020 Kauhola Point Light 28010 Los Angeles Harbor 3096 Nisqually Reach 17345 Kaumalapau Harbor 28555 Los Angeles Light 135, 3110 Nome Harbor 27960 Kaunakakai Harbor (Chart 19353) Los Angeles Outer Harbor 3115 Nootka Light 860 Los Angeles Outer Harbor 3185 North Channel 14610	Icy Strait Iliuliuk Harbor Imperial Passage International Boundary J John Day Johns Landing Pier Johnstone Point Light K Kachemak Bay Kahului Boat Ramp Kahului Harbor Kailua Light Kaiser Boat Channel Kalama Kalihi Channel Kaneohe Bay	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340 28185 29060 10895 29240 28680 28850	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait Little Branch Bay Little Goose Dam Littlya Bay Long Beach Channel Long Beach Light Longview	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895 13680 13697 25405 3010 125, 3012 10745	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor Nawiliwili Harbor Light Nawiliwili Small Boat Harbor Nehalem River Neva Strait New Dungeness Light New York Slough	2282 28575 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755 29805 9880 9880 25090 16335 6620
Kauai Island 29735 Channel 3165 Nichols Passage 22020 Kauhola Point Light 28010 Los Angeles Harbor 3096 Nisqually Reach 17345 Kaumalapau Harbor 28555 Los Angeles Light 135, 3110 Nome Harbor 27960 Kaunakakai Harbor (Chart Los Angeles Main Channel 3115 Nootka Light 860 19353) Los Angeles Outer Harbor 3185 North Channel 14610	Icy Strait Iliuliuk Harbor Imperial Passage International Boundary J John Day Johns Landing Pier Johnstone Point Light K Kachemak Bay Kahului Boat Ramp Kahului Harbor Kailua Light Kaiser Boat Channel Kalama Kalihi Channel Kaneohe Bay Kaneohe Bay Utility Channel	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340 28185 29060 10895 29240 28680 28850	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait Little Branch Bay Little Goose Dam Littlya Bay Long Beach Channel Long Beach Light Longview	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895 13680 13697 25405 3010 125, 3012 10745	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor Nawiliwili Harbor Light Nawiliwili Small Boat Harbor Nehalem River Neva Strait New Dungeness Light New York Slough Newport Bay	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755 29745 29805 9880 25090 16335 6620 2435
Kaual Island 29/35 Los Angeles Harbor 3096 Nisqually Reach 17345 Kauhola Point Light 28010 Los Angeles Harbor 3096 Nome Harbor 27960 Kaumalapau Harbor 28555 Los Angeles Light 135, 3110 Nome Harbor 27960 Kaunakakai Harbor (Chart 19353) 28600 Los Angeles Outer Harbor 3115 Noortha Light 860 Los Angeles Outer Harbor 3185 North Channel 14610	Icy Strait Iliuliuk Harbor Imperial Passage International Boundary J John Day Johns Landing Pier Johnstone Point Light K Kachemak Bay Kahului Boat Ramp Kahului Harbor Kailua Light Kaiser Boat Channel Kalama Kalihi Channel Kaneohe Bay Kaneohe Bay Utility Channel Karheen Passage	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340 28185 29060 10895 29240 28680 28850 24680	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait Little Branch Bay Little Goose Dam Little Goose Reservoir Lituya Bay Long Beach Channel Longview Los Angeles Approach Channel	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895 13680 13697 25405 3010 125, 3012 10745	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor Nawiliwili Harbor Light Nawiliwili Small Boat Harbor Nehalem River Neva Strait New Dungeness Light New York Slough Newport Bay Nichols Bay	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755 29745 29805 9880 25090 16335 6620 2435 24320
Kaunola Point Light 28010 Kaunola Point Light 28010 Kaunalapau Harbor 28555 Kaunakakai Harbor (Chart Los Angeles Light 135, 3110 Nootka Light 860 Los Angeles Main Channel 3115 Nootka Light 860 Los Angeles Outer Harbor 3185 North Channel 14610	Icy Strait Iliuliuk Harbor Imperial Passage International Boundary J John Day Johns Landing Pier Johnstone Point Light K Kachemak Bay Kahului Boat Ramp Kahului Harbor Kailua Light Kaiser Boat Channel Kalama Kalihi Channel Kaneohe Bay Kaneohe Bay Utility Channel Karheen Passage Kasaan Bay	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340 28185 29060 10895 29240 28680 28850 24680 22380	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait Little Branch Bay Little Goose Dam Little Goose Reservoir Lituya Bay Long Beach Channel Long Angeles Approach Channel Los Angeles East Basin	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895 13680 13697 25405 3010 125, 3012 10745 3105	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor Nawiliwili Harbor Light Nawiliwili Small Boat Harbor Nehalem River Neva Strait New Dungeness Light New York Slough Newport Bay Nichols Bay	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755 29745 29805 9880 25090 16335 6620 2435 24320
Kaumalapau Harbor 28555 Los Angeles Light 135, 3110 Nome Harbor 27960 Kaunakakai Harbor (Chart Los Angeles Main Channel 3115 Nootka Light 860 19353) 28600 Los Angeles Outer Harbor 3185 North Channel 14610	Icy Strait Iliuliuk Harbor Imperial Passage International Boundary J John Day Johns Landing Pier Johnstone Point Light K Kachemak Bay Kahului Boat Ramp Kahului Harbor Kailua Light Kaiser Boat Channel Kalama Kalihi Channel Kaneohe Bay Kaneohe Bay Kaneohe Bay Karheen Passage Kasaan Bay Kauai Island	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340 28185 29060 10895 29240 28680 28850 24680 22380 29735	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Umon Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Lennard Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Inlet Lisianski Strait Little Branch Bay Little Goose Dam Little Goose Reservoir Lituya Bay Long Beach Channel Long Beach Light Longview Los Angeles East Basin Channel	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895 13680 13697 25405 3010 125, 3012 10745 3105 3165	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor Nawiliwili Harbor Light Nawiliwili Small Boat Harbor Nehalem River Neva Strait New Dungeness Light New York Slough Newport Bay Nichols Passage	2282 28575 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755 29745 29805 9880 25090 16335 6620 2435 24320 22020
Kaunakakai Harbor (Chart Los Angeles Main Channel	Icy Strait Iliuliuk Harbor Imperial Passage International Boundary J John Day Johns Landing Pier Johnstone Point Light K Kachemak Bay Kahului Boat Ramp Kahului Harbor Kailua Light Kaiser Boat Channel Kalama Kalihi Channel Kaneohe Bay Kaneohe Bay Utility Channel Karheen Passage Kasaan Bay Kauhola Point Light	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340 28185 29060 10895 29240 28680 28850 24680 22380 29735 28010	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Lennard Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait Little Branch Bay Little Goose Dam Little Goose Reservoir Lituya Bay Long Beach Channel Longview Los Angeles Approach Channel Los Angeles Harbor	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895 13680 13697 25405 3010 125, 3012 10745 3105 3165 3096	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor Nawiliwili Harbor Light Nawiliwili Small Boat Harbor Nehalem River Neva Strait New Dungeness Light New York Slough Nichols Bay Nichols Passage Nisqually Reach	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755 29745 29805 9880 25090 16335 6620 2435 24320 22020 17345
19353) 28600 Los Angeles Outer Harbor	Icy Strait Iliuliuk Harbor Imperial Passage International Boundary J John Day Johns Landing Pier Johnstone Point Light K Kachemak Bay Kahului Boat Ramp Kahului Harbor Kailua Light Kaiser Boat Channel Kalama Kalihi Channel Kaneohe Bay Kaneohe Bay Utility Channel Karheen Passage Kasaan Bay Kauhola Point Light	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340 28185 29060 10895 29240 28680 28850 24680 22380 29735 28010	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait Little Branch Bay Little Goose Dam Little Goose Reservoir Lituya Bay Long Beach Channel Long Beach Light Longview Los Angeles Approach Channel Los Angeles Harbor Los Angeles Harbor Los Angeles Light	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895 13680 13697 25405 3010 125, 3012 10745 3105 3165 3096 135, 3110	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor Nawiliwili Harbor Light Nawiliwili Small Boat Harbor Nehalem River Neva Strait New Dungeness Light New York Slough Newport Bay Nichols Bay Nichols Bay Nichols Passage Nisqually Reach Nome Harbor	2282 28575 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755 29745 29805 9880 25090 16335 6620 2435 24320 22020 17345 27960
	Icy Strait Iliuliuk Harbor Imperial Passage International Boundary J John Day Johns Landing Pier Johnstone Point Light K Kachemak Bay Kahului Boat Ramp Kahului Harbor Kailua Light Kaiser Boat Channel Kalama Kalihi Channel Kaneohe Bay Kaneohe Bay Utility Channel Karheen Passage Kasaan Bay Kauai Island Kauhola Point Light Kaumalapau Harbor	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340 28185 29060 10895 29240 28680 28850 24680 22380 29735 28010	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Umatilla Lake Union Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait Little Branch Bay Little Goose Dam Little Goose Reservoir Lituya Bay Long Beach Channel Long Beach Light Longview Los Angeles Approach Channel Los Angeles Harbor Los Angeles Harbor Los Angeles Light	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895 13680 13697 25405 3010 125, 3012 10745 3105 3165 3096 135, 3110	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor Light Nawiliwili Small Boat Harbor Nehalem River Neva Strait New Dungeness Light New York Slough Newport Bay Nichols Passage Nisqually Reach Nome Harbor Notoka Light New Molos Island Napa River New York Slough Newport Bay Nichols Passage Nisqually Reach Nome Harbor Nootka Light	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755 29745 29805 9880 25090 16335 6620 2435 24320 22020 17345 27960 860
Notarricad Eight	Icy Strait Iliuliuk Harbor Imperial Passage International Boundary J John Day Johns Landing Pier Johnstone Point Light K Kachemak Bay Kahului Boat Ramp Kahului Harbor Kailua Light Kaiser Boat Channel Kalama Kalihi Channel Kaneohe Bay Kaneohe Bay Kaneohe Bay Kaneohe Bay Kasaan Bay Kasaan Bay Kaui Island Kauhola Point Light Kaumalapau Harbor Kaumalapau Harbor Kaunakakai Harbor (Chart	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340 28185 29060 10895 29240 28680 28850 24680 22380 29735 28010 28555	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Umatilla Lake Wallula Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait Little Branch Bay Little Goose Dam Little Goose Reservoir Littya Bay Long Beach Channel Long Beach Light Longview Los Angeles Approach Channel Los Angeles Harbor Los Angeles Harbor Los Angeles Harbor Los Angeles Main Channel Los Angeles Main Channel	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895 13680 13697 25405 3010 125, 3012 10745 3105 3165 3096 135, 3110 3115	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor Light Nawiliwili Small Boat Harbor Nehalem River Neva Strait New Dungeness Light New York Slough Newport Bay Nichols Passage Nisqually Reach Nome Harbor Notoka Light New Molos Island Napa River New York Slough Newport Bay Nichols Passage Nisqually Reach Nome Harbor Nootka Light	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755 29745 29805 9880 25090 16335 6620 2435 24320 22020 17345 27960 860
	Icy Strait Iliuliuk Harbor Imperial Passage International Boundary J John Day Johns Landing Pier Johnstone Point Light K Kachemak Bay Kahului Boat Ramp Kahului Harbor Kailua Light Kaiser Boat Channel Kalama Kalihi Channel Kaneohe Bay Kaneohe Bay Kaneohe Bay Kaneohe Bay Kasaan Bay Kasaan Bay Kaui Island Kauhola Point Light Kaumalapau Harbor Kaumalapau Harbor Kaunakakai Harbor (Chart	24120 27480 1040, 25370 19969 12370 14925 25535 26185 28216.1 28340 28185 29060 10895 29240 28680 28850 24680 22380 29735 28010 28555	Lahaina Lahaina Boat Basin Lake Celilo Lake Sacajawea Lake Tahoe Lake Umatilla Lake Umatilla Lake Wallula Lake Wallula Lake Washington Lanai Island Langley Breakwater Larsen Bay Lehua Island Light Lewis and Clark Bridge Lewis and Clark River Lime Kiln Light Lisianski Inlet Lisianski Strait Little Branch Bay Little Goose Dam Little Goose Reservoir Littya Bay Long Beach Channel Long Beach Light Longview Los Angeles Approach Channel Los Angeles Harbor Los Angeles Harbor Los Angeles Harbor Los Angeles Main Channel Los Angeles Main Channel	28455 28470 12155 13255 8410 12395 18185 12865 18270 28520 18611 26965 29935 820 10811 14585 19695 24285 1050, 25375 24895 13680 13697 25405 3010 125, 3012 10745 3105 3165 3096 135, 3110 3115	Mission Bay Molokai Island Molokai Light Monterey Harbor Morgan Morro Bay Channel Mosquito Pass Moss Landing Mukilteo Light Multnomah Channel Multnomah Falls N N Nahcotta Channel Nakat Bay Naked Island Napa River Nawiliwili Harbor Light Nawiliwili Small Boat Harbor Nehalem River Neva Strait New Dungeness Light New York Slough Newport Bay Nichols Bay Nichols Passage Nisqually Reach Nome Harbor Nootka Light North Channel	2282 28575 28575 3972.1 11180 3840 19724 3990 18460 14820 11665 15420 21910 25826 6140 29755 29805 9880 25090 16335 6620 2435 24320 22020 17345 27960 860 14610

North Slough	9185	Port Alexander	23465	San Alberto Bay	24520
Norton Cound					
Norton Sound	1315, 27895	Port Althorp	24275	San Bruno Shoal	4945
Noyo River	8085	Port Angeles	16308	San Christoval Channel	24545
Nushagak Bay	27810	Port Chester	22065	San Diego Bay	1490
		Port Gardner	18495	San Diego North Island	
					1616
		Port Graham	26115	Shallow Water Habitat	
		Port Hueneme	3590	San Francisco Airport	5135
		Port Hueneme Light	190, 3585	San Francisco Bay	4280
0			•	San Francisco Bay South	
		Port Madison and Port Orchard	17915		5150
		Port Moller	27565	Channel	3130
Oak Harbor	18675	Port Nellie Juan	25905	San Francisco Entrance Bay	
Oak Harbor Marina	18724		3815	Farm Island	4826
Oak Point	10625	Port San Luis		San Francisco Main Ship	
		Port Townsend	17540	Channel	4160
Oakland Inner Harbor	4669	Port Townsend and Oak Bay	17535	San Francisco-Oakland Bay	
Oakland Outer Harbor	4607	Port Valdez	25735		11CE
Oceanside	2290			Bridge East Crossing	4465
	30240	Port of Poulsbo	17970	San Francisco-Oakland Bay	
Ofu Harbor		Portage Pass	23350	Bridge West Crossing	4415
Ogden Passage	25350	Portland Canal	21875	San Joaquin River	6658
Old Harbor	26879	Portland Inlet	21860		19540
Olga Strait	25070			San Juan Channel	
		Portlock Harbor	25360	San Leandro Bay	4720
Olympia Harbor	17405	Possession Sound	18460	San Leandro Marina Channel .	4829
Olympia Turning Basin	17500	Pribilof Islands	27820	San Luis Obispo Light	225
Orca Bay	25545				
		Prince William Sound	1130, 25515	San Nicolas Island	2590
Orca Inlet	25575	Puako Small Boat Harbor	28220	San Onofre	2383.3
Oregon Slough	11281	Puget Island	10385	San Pablo Bay	5875
Orote Point Light	30685	Dugot Cound			
Oyster Cove Marina	5025	Puget Sound	16550	San Pedro East Channel	2764.1
		Pybus Bay	23575	San Pedro West Channel	3279
Oyster Point Marina	5100	Pyramid Rock Light	28675	San Rafael Creek	5830
		. ,	4912	Sand Heads Light	20480
			4912		
				Santa Barbara Harbor	3745
				Santa Barbara Light	195
Р				Santa Cruz	3964
F					
		Q		Santa Cruz Light	305, 4110
Padilla Bay	19017	-		Santa Monica	3555
				Saratoga Passage	18595
				ouratoga r abbage	
Pago Pago Harbor	30190	Quatsino Island Light	925		
Passage Canal	25875		925 16085	Sawmill Bay	25930
Passage Canal		Quatsino Island Light Quillayute River		Sawmill Bay	25930 24755
Passage Canal Pauwela Point Light	25875 28385			Sawmill Bay	25930 24755 6390
Passage Canal	25875 28385 29368			Sawmill Bay	25930 24755
Passage Canal	25875 28385 29368 29493			Sawmill Bay	25930 24755 6390 26150
Passage Canal	25875 28385 29368 29493 29480	Quillayute River		Sawmill Bay	25930 24755 6390 26150 19915
Passage Canal	25875 28385 29368 29493 29480			Sawmill Bay	25930 24755 6390 26150 19915 23850
Passage Canal	25875 28385 29368 29493 29480 29570	Quillayute River		Sawmill Bay	25930 24755 6390 26150 19915
Passage Canal	25875 28385 29368 29493 29480 29570 29510	Quillayute River	16085	Sawmill Bay	25930 24755 6390 26150 19915 23850
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearse Canal	25875 28385 29368 29493 29480 29570 29510 21870	R Raccoon Strait	16085 4340	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405
Passage Canal	25875 28385 29368 29493 29480 29570 29510 21870 570	R Raccoon Strait	16085 4340 16225	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light	25875 28385 29368 29493 29480 29570 29510 21870	R Raccoon Strait	16085 4340	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025	R Raccoon Strait	4340 16225 27035	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185	R Raccoon Strait	4340 16225 27035 5180	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay	4340 16225 27035 5180 1140, 25985	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185	Raccoon Strait	4340 16225 27035 5180 1140, 25985 21920	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265	Raccoon Strait	4340 16225 27035 5180 1140, 25985 21920	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearle Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage	4340 16225 27035 5180 1140, 25985 21920 18030	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pigeon Point Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay	4340 16225 27035 5180 1140, 25985 21920 18030 4380	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050
Passage Canal Pauwela Point Light Pearl Harbor East Loch Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel	4340 16225 27035 5180 1140, 25985 21920 18030	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pigeon Point Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge	4340 16225 27035 5180 1140, 25985 21920 18030 4380	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602	R Raccoon Strait	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420	Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Peril Strait Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Atkinson Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel	16085 4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Peril Strait Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Atkinson Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655	Sawmill Bay Sea Otter Sound Seal Islands Channel Seldovia Bay Semiahmoo Bay Sentinel Island Light Sequim Bay Shakan Bay Shelikof Strait Shelter Cove Shelter Island Yacht Basin Shilshole Bay Shoemaker Bay Shumagin Islands Shuyak Strait Sinclair Inlet Sitka Sound Sitkalidak Strait Sitkinak Strait Siuslaw River Skagit Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Peril Strait Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Atkinson Light Point Blunt Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River	16085 4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Peril Strait Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Atkinson Light Point Blunt Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Blunt Light Point Blunt Light Point Bonita Light Point Bonita Light Point Bonita Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Atkinson Light Point Bonita Light Point Bonita Light Point Cabrillo Light Point Cabrillo Light Point Cabrillo Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Atkinson Light Point Bonita Light Point Bonita Light Point Cabrillo Light Point Cabrillo Light Point Cabrillo Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320	Sawmill Bay Sea Otter Sound Seal Islands Channel Seldovia Bay Semiahmoo Bay Sentinel Island Light Sequim Bay Shakan Bay Shelikof Strait Shelter Cove Shelter Island Yacht Basin Shilshole Bay Shoemaker Bay Shoemaker Bay Shoemaker Bay Shound Sitka Sound Sitka Sound Sitkalidak Strait Sitkinak Strait	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375 13105
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Blunt Light Point Blunt Light Point Bonita Light Point Cabrillo Light Point Conception Light Point Conception Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450 200 140	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Blunt Light Point Blunt Light Point Cabrillo Light Point Conception Light Point Fermin Light Point Fermin Light Point Fermin Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450 200 140 5	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375 13105
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Blunt Light Point Blunt Light Point Cabrillo Light Point Conception Light Point Fermin Light Point Loma Light Point Loma Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450 200 140 5	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait Rota West Harbor	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375 13105 18520 15980
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Say Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Atkinson Light Point Blunt Light Point Bonita Light Point Cabrillo Light Point Conception Light Point Fermin Light Point Loma Light Point Loma Light Point Montara Light Point Montara Light Point Montara Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450 200 140 5	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait Rota West Harbor	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320	Sawmill Bay Sea Otter Sound Seal Islands Channel Seldovia Bay Semiahmoo Bay Sentinel Island Light Sequim Bay Shakan Bay Shelikof Strait Shelter Cove Shelter Island Yacht Basin Shilshole Bay Shoemaker Bay Shoemaker Bay Shound Sitkalidak Strait Sickair Inlet Sitka Sound Sitkalidak Strait Sitkinak Strait Sisuslaw River Skagit Bay Skipanon Waterway Smiling Cove Smith Island Light Snake River Snohomish River South Bay Channel South Beach Harbor	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27070 27070 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375 13105 18520 15980 4576
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Say Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Atkinson Light Point Blunt Light Point Bonita Light Point Cabrillo Light Point Conception Light Point Fermin Light Point Loma Light Point Loma Light Point Montara Light Point Montara Light Point Montara Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450 200 140 5 335 16550	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375 13105 18520 15980 4576 15950
Passage Canal Pauwela Point Light Pearl Harbor East Loch Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Atkinson Light Point Blunt Light Point Bonita Light Point Cabrillo Light Point Conception Light Point Fermin Light Point Montara Light Point Montara Light Point Montara Light Point Montara Light Point No Point Light Point No Point Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450 200 140 5 335 16550 16400	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait Rota West Harbor	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320	Sawmill Bay Sea Otter Sound Seal Islands Channel Seldovia Bay Semiahmoo Bay Sentinel Island Light Sequim Bay Shakan Bay Shelikof Strait Shelter Cove Shelter Island Yacht Basin Shilshole Bay Shoemaker Bay Shoemaker Bay Shound Sitkalidak Strait Sickair Inlet Sitka Sound Sitkalidak Strait Sitkinak Strait Sisuslaw River Skagit Bay Skipanon Waterway Smiling Cove Smith Island Light Snake River Snohomish River South Bay Channel South Beach Harbor	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27070 27070 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375 13105 18520 15980 4576
Passage Canal Pauwela Point Light Pearl Harbor East Loch Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Akinson Light Point Blunt Light Point Cabrillo Light Point Conception Light Point Fermin Light Point Loma Light Point Loma Light Point Loma Light Point Loma Light Point Harbor Point Loma Light Point Conception Light Point Conception Light Point Loma Light Point No Point Light Point No Point Light Point Partridge Light Point Pinos Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450 200 140 5 335 16550 16400 290	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait Rota West Harbor	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375 13105 18520 15980 4576 15950 9135
Passage Canal Pauwela Point Light Pearl Harbor Cast Loch Pearl Harbor Southeast Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Blunt Light Point Blunt Light Point Cabrillo Light Point Conception Light Point Conception Light Point Loma Light Point Loma Light Point Loma Light Point Loma Light Point Montara Light Point No Point Light Point No Point Light Point Partridge Light Point Pinos Light Point Reyes Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450 200 140 5 335 16550 16400 290 385	Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait Rota West Harbor	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320 30845	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375 13105 18520 15980 4576 15950 9135 15410
Passage Canal Pauwela Point Light Pearl Harbor East Loch Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Akinson Light Point Blunt Light Point Cabrillo Light Point Conception Light Point Fermin Light Point Loma Light Point Loma Light Point Loma Light Point Loma Light Point Harbor Point Loma Light Point Conception Light Point Conception Light Point Loma Light Point No Point Light Point No Point Light Point Partridge Light Point Pinos Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450 200 140 5 335 16550 16400 290	Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait Rota West Harbor Sacramento River Sacramento River Deep Water	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320 30845	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375 13105 18520 15980 4576 15950 9135 15410 .5640
Passage Canal Pauwela Point Light Pearl Harbor Cast Loch Pearl Harbor Southeast Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Blunt Light Point Bonita Light Point Conception Light Point Conception Light Point Loma Light Point Loma Light Point Loma Light Point Loma Light Point Conception Light Point Loma Light Point Loma Light Point Loma Light Point Montara Light Point No Point Light Point Partridge Light Point Reyes Light Point Roberts	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450 200 140 5 335 16550 16400 290 385 19945	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait Rota West Harbor S Sacramento River Sacramento River Sacramento River Deep Water Ship Channel	16085 4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320 30845 7620 7170	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375 13105 18520 15980 4576 15950 9135 15410 .5640 14210
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Blunt Light Point Blunt Light Point Cabrillo Light Point Conception Light Point Fermin Light Point Montara Light Point Montara Light Point No Point Light Point Point No Point Light Point Partridge Light Point Reyes Light Point Roberts Point Roberts Point Roberts Point Roberts Point Roberts Point Roberts Point Roberts Point Roberts Point Roberts Point Roberts	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450 200 140 5 335 16550 16400 290 385 19945 19965	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait Rota West Harbor Sacramento River Sacramento River Deep Water Ship Channel Saginaw Channel	16085 4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320 30845 7620 7170 23945	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375 13105 18520 15980 4576 15950 9135 15410 .5640
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Atkinson Light Point Blunt Light Point Bonita Light Point Cabrillo Light Point Conception Light Point Loma Light Point Loma Light Point Montara Light Point No Point Light Point Point Point Light Point Point Point Light Point Honda Light Point Honda Light Point Honda Light Point Honda Light Point Honda Light Point Honda Light Point Honda Light Point Repes Light Point Reyes Light Point Roberts Point Roberts Point Sur Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450 200 140 5 335 16550 16400 290 385 19945 19965 280	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait Rota West Harbor Sacramento River Sacramento River Deep Water Ship Channel Saginaw Channel Salisbury Sound	16085 4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320 30845 7620 7170	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375 13105 18520 15980 4576 15950 9135 15410 .5640 14210 26580
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Blunt Light Point Bonita Light Point Conception Light Point Conception Light Point Fermin Light Point Loma Light Point Loma Light Point No Point Light Point Port Light Point Harbor Point Loma Light Point Fermin Light Point Fermin Light Point Roberts Point Roberts Point Roberts Point Sur Light Point Sur Light Point Sur Light Point Sur Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450 200 140 5 335 16550 16400 290 385 19945 19965 280 170	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait Rota West Harbor Sacramento River Sacramento River Deep Water Ship Channel Saginaw Channel Salisbury Sound	4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320 30845	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375 13105 18520 15980 4576 15950 9135 15410 5640 14210 26580 7946
Passage Canal Pauwela Point Light Pearl Harbor Pearl Harbor East Loch Pearl Harbor North Channel Pearl Harbor Southeast Loch Pearl Harbor West Loch Pearl Harbor West Loch Pearse Canal Pelican Bay Light Pepeekeo Point Light Peril Strait Petaluma River Piedras Blancas Light Pier 39 Pigeon Point Light Pillar Point Harbor Pillar Rock Pittsburg Marina Point Arena Light Point Atkinson Light Point Blunt Light Point Bonita Light Point Cabrillo Light Point Conception Light Point Loma Light Point Loma Light Point Montara Light Point No Point Light Point Point Point Light Point Point Point Light Point Honda Light Point Honda Light Point Honda Light Point Honda Light Point Honda Light Point Honda Light Point Honda Light Point Repes Light Point Reyes Light Point Roberts Point Roberts Point Sur Light	25875 28385 29368 29493 29480 29570 29510 21870 570 28025 25185 5975 265 4500 320 4130 10255 6602 420 20500 4335 370, 4220 450 200 140 5 335 16550 16400 290 385 19945 19965 280	R Raccoon Strait Race Rocks Light (C) Raspberry Strait Redwood Creek Resurrection Bay Revillagigedo Channel Rich Passage Richardson Bay Richmond Harbor Channel Richmond-San Rafael Bridge East Channel Roberts Bank Light Rock Island Channel Rogue River Roi-Namur Island Channel Rosario Strait Rota West Harbor Sacramento River Sacramento River Deep Water Ship Channel Saginaw Channel	16085 4340 16225 27035 5180 1140, 25985 21920 18030 4380 5665 5775 20470 15080 8655 30310 19320 30845 7620 7170 23945	Sawmill Bay	25930 24755 6390 26150 19915 23850 16410 23405 26950 24485 1593 18115 22615 27070 27050 18085 24897 26855 1195, 26915 9440 18755 14550 30913 16375 13105 18520 15980 4576 15950 9135 15410 .5640 14210 26580

W

St. Herman Harbor	26635 26675 15475 23265 23265 22695 6905 19870 16115 6305 6345 24370 22730 27530 2053 19075 18785	Waianae Harbor Warrendale Warrior Rock Washougal Wauna Welch Island West Beach Marina West Channel West Point Light Western Channel Westport Whale Pass Whale Passage Whitestone Narrows Willamette River Willapa Bay Willapa River Willow Wilson Cove Womens Bay Woody Island Wrangell Harbor	28884 11715 11060 11525 10428 10307 29655 22025 16800 25000 16001 10475 22477.5 26510 25095 14855 15205 15210 11140 2545 26765 26645 22630
Ta`u Harbor	30260	Wrangell Narrows	22825
Tacoma Harbor	17125 23932 22010 30853	Y	
Tansy Point	10025 25673	Yakutat Bay	1085, 25415
Tenakee Inlet	24065 3127.1	Yaquina Bay	9580
The Dalles Dam	12135	Yaquina Head Light Yaquina River	650 9680
Three Tree Point Light Three Tree Point Yacht Club .	16980 17020	Yerba Buena Island Light Youngs Bay	4595 14570
Tillamook Bay Tinian Harbor	9808 30920	Tourigo bay	14070
Tlevak Narrows	24440		
Tlevak Strait	24420 8020	Z	
Tongass Narrows	22130		
Totten Inlet	18408 16265	Zero Rock Light (C) Zimovia Strait	19705 22550
Trinidad Head Light	525	Zuniga Jetty	1520
Tutuila Island Tuxekan Passage	30185 24760		
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U			
Uganik Bay	26995		
Ulupau Crater Weapons Range Danger Zone	28890		
Umpqua River	9230 27500.75		
Unalaska Island	27450		
Union Bay Reach	18245 26960		
,			
V			
Valdez Arm	25700		
Vallejo	6110 11207		
Vancouver to Bonneville	11252		
Ventura Marina	3675		

Inter U.S.	Inter U.S.	Inter U.S.	Inter U.S.
	G3715.44	G3877.00 2805	G4014.00
F8364.00 30865	G3715.46		G4030.00
F8366.00 30875 F8366.10 30880	G3715.5	G3878.00 2780 G3878.10	G4052.00
F8374.00 30845	G3715.52	G3886.00 170	G4054.00
F8374.10 30850	G3715.56	G3890.00	G4064.00
F8382.00 30660	G3715.70	G3891.00	G4067.00
F8384.00 30685	G3715.72	G3891.10	G4068
F8386.00	G3721.00	G3891.20	G4072.00
F8386.10 30705	G3721.40 2320	G3891.30	G4074
F8386.20	G3732.00 50	G3891.40	G4081.00
F8386.30 30725	G3733.00 60	G3891.50	G40824315
F8386.40 30745	G3736.00 90	G3891.80	G4084.00 4325
F8387.00 30785	G3754.00 2605	G3891.90 3415	G4086.20 4515
F8387.40 30790	G3756.00 2625	G3900.00 3555	G4086.30 4525
F8387.41 30795	G3758.00 2635	G3920.00 2590	G4086.40 4535
F8388.00 30800	G3759.00 2630	G3926.00 190	G4086.50 4500
F8388.10 30805	G3760.00 2670	G3927.00 3600	G4086.60 4545
F8395.00 30665	G3766.00 2615	G3928.00 3605	G4100.00 4576
F8395.10 30670	G3767.00 2620	G3928.10 3610	G4100.20 4577
F8395.50 30675	G3768.00 2530	G3930.00 3615	G4111.20 4577.1
F8395.60 30680	G3772.00 2525	G3935.00 3630	G4113.40 4980
G1718.00 25	G3776.00 2540	G3940.00 185	G4114.00 4945
G3676.00 5	G3778.00 2575	G39443635	G4114.20 4955
G36791500	G3782.00 2545	G3948.00 2755	G4114.30 4960
G3679.10 1505	G3790.00 2565	G3952.00 195	G4114.40 4965
G3679.40 1520	G3794.00 140	G3954.00 3765	G4114.50 4970
G3679.50 1525	G3797.00 125	G3955.00 3795	G4115.00 5025
G3679.60 1530	G3797.5	G3964.00 200	G4115.20 5100
G3679.70 1535	G3797.60 2845	G3968.00 210	G4117.00 5140
G3679.80 1540	G3798.00 3115	G3972.00 225	G4117.20 5145
G3680.00 1570	G3799.00 135	G3976.00 240	G4119.00 4335
G3687.00 1595	G3836.00 3225	G3982.00 265	G4120.00 4350
G3692.00 1635	G3837.00 3230	G3988.00 280	G41214375
G3700.00 1705	G3838.00 3250	G3992.00 290	G41285430
G3702.00 1700	G3839.00 3255	G3994.00 3970	G4128.4
G37071850	G3845.00 3040	G3997.00 4000	G4129.00 5440
G3707.2	G3862.00 3085	G3997.10 4005	G41384435
G3709.00 1860	G38633090	G3998.10 4020	G4138.20 4440
G3712.00 1875	G3865.00 2885	G3998.20 4025	G4140.00 4595
G3712.10 1880	G3865.20 2905	G3998.40 4030	G4141.00 4600
G37152060	G3865.30 2900	G3998.80 4045	G4142.00 5360
G3715.02 2065	G3865.40 2890	G4003.00 4115	G4142.2
G3715.3	G3865.60 2895	G4006.00 320	G4142.23 5370
G3715.32 2175	G3866.00 2910	G4007.00 4145	G4142.24 5375
G3715.34 2180	G3866.20 2915	G4007.50 4150	G4142.25 5380
G3715.36 2185	G3875.70 2843	G4007.70 4151	G4142.26 5385
G3715.38 2190	G3875.74 2844	G4007.80 4153	G4142.27 5390
G3715.42 2210	G3876.00 2800	G4010.00 335	G4142.28 5395

Inter U.S.	Inter U.S.	Inter U.S.	Inter U.S.
G41464475	G4217.30 6000	G4302.80 7170	G4463.00 8855
G4156.00 4610	G4217.32 6010	G4356.00 385	G4463.10 8860
G4156.10 4615	G4217.4	G4356.80 7770	G4464.00 8865
G4158.00 4620	G4217.42 6030	G4356.84 7775	G4464.10 8870
G4158.10 4625	G4217.50 6040	G4356.9	G44668920
G4173.38 4890	G4217.55 6050	G4357.00 7790	G4474.00 9235
G4176.00 4755	G4217.66060	G4357.10 7800	G4474.10 9240
G4176.2	G4217.7	G4358.00 420	G44759255
G4176.4	G4218.38 5880	G4362.00 450	G4475.20 9265
G4176.6	G4241.4	G4363.00 8080	G4483.21 9270
G4179.80 5130	G4242.00 5960	G4364.00 8100	G4484.00 9510
G41805155	G4244.00 5965	G4365.00 8105	G4486.00 635
G41825175	G4249.00 5970	G4365.10 8110	G4490.00 9580
G41835180	G4250.00 6090	G4366.00 8115	G4490.10 9585
G4183.2	G4252.00 6095	G4367.00 8125	G4492.40 9605
G4183.30 5195	G4254.00 6100	G4382.00 8140	G4493.00 9635
G4183.40 5200	G4255.00 6105	G4383.00 8150	G4494.00 9620
G4183.5	G4256.60 6110	G4384.00 8155	G4494.10 9625
G4183.6	G4256.8	G43858165	G4498.00 9660
G4183.7	G4258.00 6120	G4395.5	G45009665
G4183.86 5230	G4258.20 6125	G4396.20 8216	G4500.4
G4183.90 5240	G4260.00 6215	G4396.5	G4501.00 9675
G4191.00 5305	G4266.00 6220	G4397.00 8230	G4502.00 9680
G4191.1	G4270.00 6225	G4401.50 8270	G4506.00 650
G4191.6	G4271.00 6230	G4401.70 8275	G4508.00 9795
G4192.00 5480	G4274.00 6240	G4402.20 8245	G45099790
G4192.40 5400	G4279.00 6250	G4402.40 8250	G4519.00 9820
G4192.60 5490	G42926295	G4402.60 8255	G4520.10 9830
G4194.00 5670	G42946300	G4404.00 8265	G4521.00 9840
G4194.10 5675	G4296.00 6325	G4408.00 525	G4532.00 695
G4196.00 5760	G4296.20 6330	G4410.00 540	G4536.20 14420
G4196.20 5765	G4296.4	G4415.00 550	G4536.4
G4203.20 5685	G4296.8	G4416.00 8390	G4536.5
G4203.80 5710	G4297.00 6350	G4416.1	G4537.00 14460
G4205.00 5715	G4297.40 6365	G4417.00 8385	G4537.5
G4205.2	G4297.60 6370	G4417.5	G453814480
G4205.4	G4297.80 6375	G4424.00 8610	G4538.5
G4205.6	G4297.81 6380	G4424.10 8615	G4539.00 14500
G4216.00 5830	G4298.00 6390	G44268625	G4540.00 14510
G4216.10 5835	G4298.40 6440	G4428.00 8640	G4540.20 14515
G4216.3	G42996465	G4430.00 8660	G4548.00 14610
G4216.40 5845	G4299.20 6470	G4432.00 595	G4550.00 14620
G4216.5	G4299.21 6475	G4460.00 8785	G4551.00 14625
G4216.6	G4300.00 6520	G4460.10 8790	G4552.00 14520
G4216.7	G4302.00 6600	G4460.50 8805	G4553.00 14525
G42175975	G4302.2	G4460.51 8810	G455514530
G4217.20 5980	G4302.40 6650	G4462.00 8845	G4556.00 14535
G4217.22 5990	G4302.60 6655	G4462.10 8850	G4564.00 9995

Inter II C	latar II.C	latan II.C	lates II C
Inter U.S.	Inter U.S.	Inter U.S.	Inter U.S.
G4565.00 10005	G4647.00	G4687.40	G4723.60
G4570.00 10025	G4647.20	G4690.00	G4724.00
G4587.00	G4648.00	G4690.20	G4724.20
G4587.20	G4649.00	G4690.40	G4724.40
G4588.00 10105	G4650.00 10650	G4691.00 11140	G4724.60 15445
G4588.10 10110	G4651.00 10660	G4691.10 11145	G4724.62 15450
G4589.00 10095	G4651.10 10665	G4691.40 11150	G4724.70 15480
G4602.00 10185	G4652.00 10670	G4695.80 14900	G4726.00 720
G4604.00 10195	G4652.20 10715	G4696.00 14905	G473015990
G4604.10 10200	G4653.00 10725	G4696.20 14910	G4730.2
G4606.00 10175	G4653.40 10730	G4696.38 14935	G4731.00 16005
G4606.10 10180	G4654.00 10675	G4696.4	G4731.20 16010
G4607.00 10215	G4658.00 10760	G4696.50 14945	G4731.40 16015
G4607.4	G4661.00 10780	G4696.70 14955	G4731.50 16020
G4608.00 10235	G4661.10 10785	G4697.40 11270	G4731.52 16025
G4608.10 10240	G4663.00 10805	G4698.30 11294	G4732.00 15610
G4608.40 10260	G4666.00 10820	G4698.60 11305	G4732.10 15615
G460910270	G4666.10 10825	G4699.00 11405	G4732.30 15635
G4610.00 10275	G4668.00 10832	G4699.10	G4734.90 15850
G461610350	G4670.00 10845	G4699.30 11415	G4734.91 15855
G461710365	G4671.40 10850	G4701.50	G4735.20 15880
G4618.40 10355	G4672.00 10860	G4701.80 11475	G4735.30 15870
G4618.41 10360	G467310870	G4702.00	G4735.31 15875
G4619.00 10380	G4674.00 10875	G4702.10 11485	G4735.40 15885
G4620.00 10385	G4674.10 10880	G4702.40	G4735.60 15900
G4620.10 10390	G467510885	G4702.50	G4741.00 15955
G462110400	G4676.00 10890	G4702.80	G4741.1
G4621.20 10405	G4677.00 10895	G4703.00	G4750.00 745
G4621.30 10410	G4682.20 10935	G4703.10 11515	G4751.00 16090
G4622.00 10415	G4682.40 10940	G4703.50	G4752.00 16095
G4623.00 10420	G4682.50 10945	G4703.60	G4753.00 16105
G4624.00 10425	G4682.80 10950	G4703.80 11545	G4753.20 16110
G4625.00 10430	G4682.81 10955	G4704.40	G4756.00 760
G4625.10 10435	G4683.00 10970	G4706.00	G4760.00 16160
G4626.30 10445	G4683.40 10975	G4706.20	G4768.00 16280
G4626.50 10455	G4683.60 10980	G4708.10	G4769.80 16310
G4627.00 10460	G4684.00 10985	G4708.6	G4770.00 16320
G4631.00 10500	G4684.10 10990	G4708.90	G4770.20 16325
G4634.00 10520	G4684.20	G4709.00	G4771.00
G463810555	G4684.80	G4709.10	G4772.00 16335
G4639.00 10560	G4685.00	G4710.00	G4773.00 16445
G4640.00 10565	G4685.10	G4710.6	G4773.20 16450
G4641.00 10570	G4685.40	G4711.00	G4776.00 16400
G4642.00 10580	G4686.00	G4711.10	G4778.00 16375
G4643.00 10585	G4686.10	G4711.60	G4778.00 16375
G4644.00 10590	G4686.40	G4712.60	G4784.80 16480
G4644.20 10595	G4687.00	G4718.00 700	G4792.00 17565
G4644.30 10600	G4687.20 11055	G4723.20 15230	G4794.00 17575

lates II O	lates II O	later II O	lates IIIO
Inter U.S.	Inter U.S.	Inter U.S.	Inter U.S.
G4796.00	G4882.40 16925	G4978.00 18440	G5089.30 19240
G4802.00	G4885.00	G498218460	G5089.31
G4803.00	G4885.10	G4982.30 18465	G5092.00
G4804.00 16515	G4886.40 16900	G4983.20 18490	G5092.30 19260
G4804.70 17715	G4886.50 16905	G498718590	G5105.00 19275
G4805.00 17720	G4888.00 16910	G4988.00 18610	G5106.00 19525
G4806.00 17665	G4890.00 16915	G4990.00 18620	G5107.00 19880
G4806.40 17670	G4892.00 18070	G500218625	G5108.00 19530
G4806.6	G4893.00 18075	G5004.00 18630	G5120.00 19540
G4806.61 17680	G4894.00 18085	G5005.30 18645	G5122.00 19545
G4806.80 17690	G4895.00 18090	G5005.50 18670	G5124.00 19555
G481016545	G4895.2	G5007.02 18715	G5125.00 19560
G4811.00 17725	G4896.00 18080	G5007.16 18725	G5125.40 19585
G4812.00 17730	G4900.00 16980	G5007.18 18735	G5126.00 19590
G4818.42 17735	G4901.00 17045	G5012.00 18760	G5128.00 19605
G4819.00 17800	G4901.40 17050	G5013.00 18785	G5128.20 19615
G482017805	G4901.60 17060	G5024.10 18790	G5128.30 19625
G4821.00 17820	G4902.20 17055	G5026.00 18885	G5129.00 19635
G4822.00 17840	G4902.60 17065	G5030.00 18890	G5130.00 19640
G4822.20 17845	G4906.00 17070	G5032.00 18895	G5131.00 19645
G4822.60 17855	G4915.5	G5034.00 19325	G5132.00 19650
G4823.00 17850	G4916.00 17160	G5036.00 19350	G5133.00 19655
G4823.20 17860	G491817140	G5036.40 19360	G5134.00 19660
G4823.40 17865	G4923.00 17125	G5036.42 19365	G5135.00 19675
G4824.00 17870	G492417105	G5037.00 19370	G5136.00 19750
G4825.00 17900	G4924.20 17110	G5038.00 19395	G5140.00 19805
G4826.20 17875	G4924.40 17115	G5039.00 18960	G5142.00 19825
G4826.60 17897	G4924.60 17120	G5039.40 18955	G5146.00 19890
G482717905	G4932.00 17215	G5046.00 18948	G5147.00 19895
G4828.00 16550	G493417225	G5046.40 18995	G5147.40 19900
G4840.10 16675	G4936.00 17250	G5047.00 19010	G5147.5
G4848.00 17930	G4940.00 17270	G5048.00 19015	G5148.00 19920
G4848.50 17945	G4942.60 17330	G5048.60 18986	G5149.00 19930
G4849.00 17950	G4943.00 17365	G5048.70 19055	G5152.00 19965
G485117965	G4950.00 17355	G5048.80 19060	G5154.00 19950
G4851.17 17980	G4952.00 17400	G5049.00 19075	G5154.50 19955
G4851.40 17985	G495617415	G5050.00 19070	G5160.9
G4851.60 17990	G4958.00 17405	G5051.00 19085	G516119970
G4851.80 17995	G4962.00 17420	G5061.00 19465	G5172.00 930
G4854.20	G4964	G5064.00 19425	G5178.00 925
G4854.30 16775	G4968.00 17430	G5064.40 19415	G5198.00 905
G4861.3	G4968.1	G5065.00 19435	G5219.00
G4861.6	G4968.80 17460	G506719470	G5224.00 850
G4862.00 18010	G4969.00 17465	G5068.00 19450	G5242.00 820
G4865.00 16825	G4969.40	G5082.00 19450	G5246.00 810
G4866.00 16830	G4970.00	G5083.00 19195	G5247.00 805
G4867.00 16835	G4970.00	G5084.00 19200	G5249.00 800
G4873.00 16955	G4976.00 18435	G5086.00 19215	G5256.00 790

Inter	1.0	Intor		Intor		Intor	
	_			Inter	U.S.	Inter	U.S.
G5257.00		G5808.00		G5994.00			. 22490
G5279.00		G5808.20		G5996.00		G6110.00	
G5280.00		G5808.40		G5998.00		G6112.00	
G52887		G5813.00		G6002.00		G6118.00	
G52951		G5814.00		G6002.40		G6123.00	
G53001		G5816.00		G6003.00		G6124.00	
G53061	6245	G5818.00	21830	G6004.00	21930	G6126.00	. 23385
G53281	6265	G5820.00	21810	G6006.00	21940	G6128.00	. 23380
G53341	6270	G5822.00	21815	G6008.00	21935	G6130.00	. 23370
G5335.00 1	9695	G5826.00	935	G6009.00	21945	G6132.00	. 23295
G5338.00 1	9720	G5828.00	940	G6012.00	22030	G6136.00	. 23290
G5340.00 1	9790	G5854.00	975	G6014.00	22050	G6138.00	. 22730
G5340.4	9785	G5856.00	980	G6016.00	22085	G6140.00	. 22520
G5357.4	9800	G5857.00	965	G6016.20	22090	G6141.00	. 22745
G53581	9810	G5858.00	970	G6017.00	22060	G6141.40	. 22760
G5360.00 2	20370	G5859.00	960	G6018.00	22120	G6156.40	. 22700
G5362.00 2	20365	G5860.00	955	G6019.00	22125	G6157.00	. 22620
G5364.00 20	20355	G5861.00	950	G6020.00	22115	G6158.00	. 22610
G5365.00 20	20360	G5862.00	945	G6032.00	22135	G6160.00	. 22600
G5366.00 2	20345	G5863.80	21870	G6034.00	22225	G6162.00	. 22570
G5367.00 2	20350	G5864.00	21860	G6034.50	22235	G6164.00	. 22555
G5368.00 2		G5866.00		G6035.00	22205	G6166.00	. 22670
G5369.00 20	20335	G5884.00	21880	G6035.20	22200	G6166.20	. 22675
G5371.00 20		G5888.00		G6035.30		G6166.40	
G5373.00 20		G5889.00		G6035.40		G6168.00	
G5378.00 20		G5910.00		G6035.60		G6170.00	
G5378.60 20		G5914.00		G6038.00		G6171.00	
G5379.00 20		G5916.00		G6042.00		G6172.00	
G5380.00 20		G5918.00		G6043.00		G6174.00	
G5382.00		G5920.00		G6044.00		G6175.00	
G5383.00 2		G5928.00		G6045.00		G6176.00	
G5384.00		G5930.00		G6046.00		G6180.00	. 22890
G5386.00 2				G6048.00		G6181.10	
G5388.00 2		G5936.00		G6052.00			
G5394.00		G5938.00		G6060.00		G6181.40	
G5394.10 2		G5940.00		G6063.00		G6181.60	
G5400.00 2		G5944.00		G6064.00		G6182.00	
G5401.00 20		G5947.00		G6068.00		G6193.00	
G5414.00 20		G5948.00		G6070.00		G6194.00	
G5419.00 2		G5949.00		G6072.00		G6196.00	
G5419.40 20		G5950.00		G6097.00		G6202.00	
G5420.00 2	20520	G5950.20		G6098.00		G6203.00	. 22980
G5426.00 2	20500	G5951.00	24570	G6098.40	22540	G6203.1	.22985
G5485.00 2	20525	G5958.00	24730	G6099.00	22545	G6204.00	. 22990
G5486.00 20	20535	G5961.00	24755	G6100.00	22460	G6206.00	. 23000
G5488.00 20	20540	G5962.00	24780	G6102.00	22475	G6208.00	. 23025
G5492.00 20	20460	G5990.00	22005	G6105.00	22470	G6210.00	. 23030
G5807.00 2	21770	G5992.00	22000	G6106.00	22480	G6212.00	. 23035

Inter U.S.	Inter - U	.S. Inter	U.S. Inter	er U	U.S.
G6214.00				541.00	
G6218.00				542.00	
G6219.00 23060				543	
G6220.00 23070				544.00	
G6224.00 23080				545.00	
G6228.00 23085	G6343.50 2	5245 G6465.40	23675 G65	546.00	23895
G6229.00 23095	G6344.00 2	5240 G6465.50	23710 G65	548.00	23905
G6230.00 23100	G6345.00 2	5230 G6466.00	23725 G65	558.00	23910
G6234.00 23105	G6346.00 2	5225 G6467.00	23740 G65	558.10	25410
G6235.00 23110	G6347.00 2	5215 G6468.00		564.00	
G6236.00 23120	G6362.00 2	4065 G6472.00	23803 G65	582.00	1100
G6238.00 23125	G6364.00 24	4070 G6473.00	23805 G65	585.00	25455
G6240.00 23130	G6366.00 2	4080 G6474.00	23815 G65	586.00	25460
G6240.10 23170	G6368.00 2	4085 G6476.00	24130 G65	587.00	25465
G6244.00 23175	G6370.00 2	4100 G6477.00	24120 G65	588.00	25470
G6248.00 23190	G6372.00 2	4105 G6478.00	24125 G65	590.00	25450
G6250.00	G6374.00 2	4116 G6479.00	24135 G65	592.00	1125
G625222785	G6378.00 2	4895 G6480.00	24140 G65	599.00	25980
G6254.00 23215	G6386.00 2	4915 G6481.00	24150 G66	600.00	25975
G625623240	G6388.00 2	4925 G6481.20	24155 G66	601.00	25970
G6258.00 23245	G6389.00 2	4945 G6484.00	24175 G66	602.00	25965
G6260.00 23250	G6392.00 2	4950 G6488.00	24180 G66	604.00	25945
G6264.00 23260	G6393.00 24	4955 G6490.00	24205 G66	606.00	25920
G6268.00 23570	G6394.00 24	4960 G6492.00	24195 G66	610.00	25915
G6269.00 23565	G6394.40 24	4970 G6492.50	24200 G66	614.00	25925
G6270.00 23555	G6394.60 24	4975 G6496.00	24235 G66	616.00	25910
G6271.00 23550	G6397.00 2	5005 G6498.00	24225 G66	618.00	25905
G6271.30 23315	G6398.00 2	5015 G6500.00	24230 G66	620.00	25860
G6271.50 23325	G6402.00 2	5055 G6511.50	24315 G66	622.00	25865
G6272.00 23340	G6402.20 2	5060 G6511.70	24310 G66	624.00	25870
G6273.00 23350	G6407.40 2	5065 G6512.00	25395 G66	632.00	25875
G6274.00 23360	G6422.00 2	3575 G6513.00	25390 G66	633.00	25845
G6276.00 23545	G6424.00 2			634.00	25850
G6284.00 23435	G6427.00 2	3265 G6513.50	25375 G66	636.00	25535
G6315.00 23470	G6428.00 2	3270 G6514.00	1075 G66	640.00	25560
G6316.00 23510	G6430.00 2	3275 G6518.00	1065 G66	640.50	25565
G6318.00 23515	G6432.00 2	3280 G6520.00	1055 G66	641.00	25570
G6319.00 23520	G6434.00 2	3595 G6524.00	23975 G66	642.00	25545
G6320.00 23525	G6436.00 2	3600 G6526.00	23970 G66	643.00	25650
G6322.00 23540	G6438.00 2	3605 G6527.00	23965 G66	645.00	25605
G6326.00 23530	G6440.00 2	3610 G6527.50	23960 G66	646.00	25625
G6328.00 23985				647.00	
G6329.00 23990				648.00	
G6332.00				350.00	
G6333.00 25310				351.00	
G6334.00				351.50	
G6335.00				352.00	
G6335.50 25295				353.00	

leten II	1.0	lata a		lata.		lata.	
	_			Inter		Inter	U.S.
G6654.00		G6784.00		G6899.20		G7231.00	
G6655.00		G6786.00		G6902.00		G7232.00	
G6655.20		G6788.00		G6912.00		G7232.40	
G6655.30 25		G6790.00		G6916.00		G7234.00	
G6660.00 25		G6792.00		G6920.00		G7236.00	
G6660.20 25		G6794.00		G6922.00		G7240.00	
G6660.60 25		G6795.00		G6956.40		G7242.00	. 28140
G6661.00 25	5815	G6808.00		G6956.60		G7249.00	. 28135
G6661.20 25		G6809.00		G6960.00		G7254.00	
G6661.40 25		G6811.00		G6961.00		G7258.00	
G6662.00 1	145	G6813.00	26855	G6962.00	1245	G7260.00	. 28415
G6666.00 25	5995	G6813.20	26860	G6976.00	1250	G7262.00	. 28420
G6668.00 26	6000	G6813.40	26865	G6984.00	1260	G7262.10	. 28425
G6670.00 26	6020	G6813.80	26875	G6990.60	27785	G7266.00	. 28460
G6671.00 26	6025	G6820.00	1185	G6992	27795	G7267.00	. 28470
G6671.20 26	6040	G6821.00	26630	G7000.00	27810	G7267.10	. 28475
G6671.30 26	6050	G6821.50	26640	G7000.1	.27815	G7270.00	. 28330
G6671.40 26	6045	G6822.80	26745	G7004.00	1285	G7274.00	. 28340
G6674.00 1	150	G6822.82	26740	G7009.00	1290	G7274.10	. 28345
G6678.00 26	6055	G6826.00	26680	G7046.00	27920	G7280.00	. 28350
G6704.00 26	6075	G6828.00	26765	G7048.00	27925	G7282.00	. 28355
G6704.20 26	6170	G6828.10	26770	G7082.00	1340	G7286.00	. 28385
G6707.00 26	6190	G6830.00	26590	G7084.00	1345	G7288.00	. 28390
G6708.00 26	6200	G6831.00	26580	G7088.00	27975	G7292.00	. 28575
G6709.00 26	6210	G6832.00	26560	G7090.00	27980	G7296.00	. 28670
G6709.40 26	6225	G6844.00	27060	G7102.00	1355	G7306.00	. 28605
G6710.00 26	6230	G6854.00	27125	G7106.00	1360	G7306.10	. 28610
G6714.00 26	6250	G6858.00	27120	G7119.00	1365	G7316.00	. 28535
G6724.00 26	6275	G6860.00	27080	G7120.00	27985	G7318.00	. 28555
G6725.00 26	6255	G6862.00	27105	G7124.00	27995	G7321.00	. 28520
G6726.00 26	6280	G6863.00	27110	G7127.00	28000	G7322.90	. 28715
G6727.00 26	6300	G6874.00	27130	G7200.00	28050	G7323.00	. 28710
G6728.00 26		G6876.00		G7202.00	28060	G7323.10	
G6728.40 26		G6878.00		G7202.10		G7324.00	
G6729.00 26	6310	G6880.00	27155	G7209.00	28040	G7325.40	. 28810
G6731.00 26	6325	G6882.00	27170	G7210.00	28030	G7325.50	. 28815
G6731.40 26		G6885.00		G7212.00		G7325.70	
G6732.00 26		G6886.00		G7214.00		G7325.72	
G6733.00 26		G6887.00		G7218.00		G7325.75	
G6740.40 20		G6888.00		G7222.00		G7325.76	
G6740.41		G6890.00		G7226.00		G7326.00	
G6740.60		G6892.00		G7228.00		G7328.00	
G6740.61 20		G6896.00		G7229.00		G7332.00	
G6764.00		G6897.20		G7229.10		G7332.10	
G6766.00		G6897.40		G7229.10		G7338.00	
G6770.00		G6897.40		G7229.30		G7342.00	
G6776.00		G6898.00		G7229.40		G7342.10	
G6778.00 26	CUCU	G6899.00	∠142U	G7230.00	Z0ZZU	G7363.00	. 29245

Inter	U.S.	Inter	U.S.	Inter.	_	U.S.	Inter.		U.S.
G7363.10		K4573.00		mitol.	-	0.0.	mior.	-	5.0.
G7363.30		K4576.00							
G7363.50		K4580.00							
G7363.60		K4580.10							
G7363.70		14-000.10	. 50155						
G7364.00									
G7364.20									
G7364.30									
G7364.40									
G7370.00									
G7370.10									
G7375.00									
G7376.00	29410								
G7377.00	29420								
G7378.00	29430								
G7380.00	29435								
G7382.00	29440								
G7384.00	29450								
G7386.00	29455								
G7388.00	29460								
G7390.00	29465								
G7392.00	29470								
G7394.00	29495								
G7396.00	29500								
G7398.00	29525								
G7400.00	29530								
G7410.00	29510								
G7410.1									
G7414.00									
G7430.00	29650								
G7442.00	29675								
G7443.00									
G7443.10									
G7450.50									
G7482.00									
G7484.00									
G7488.00									
G7488.10									
G7500.00									
G7502.60									
G7504.00									
G7508.00									
G7520.00									
G7540.00									
G7584.00									
G7584.10									
G806A.00									