

U.S. Department of  
Homeland Security

United States  
Coast Guard



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# LIGHT LIST

Volume VI

## PACIFIC COAST AND PACIFIC ISLANDS

Pacific Coast and outlying Pacific Islands

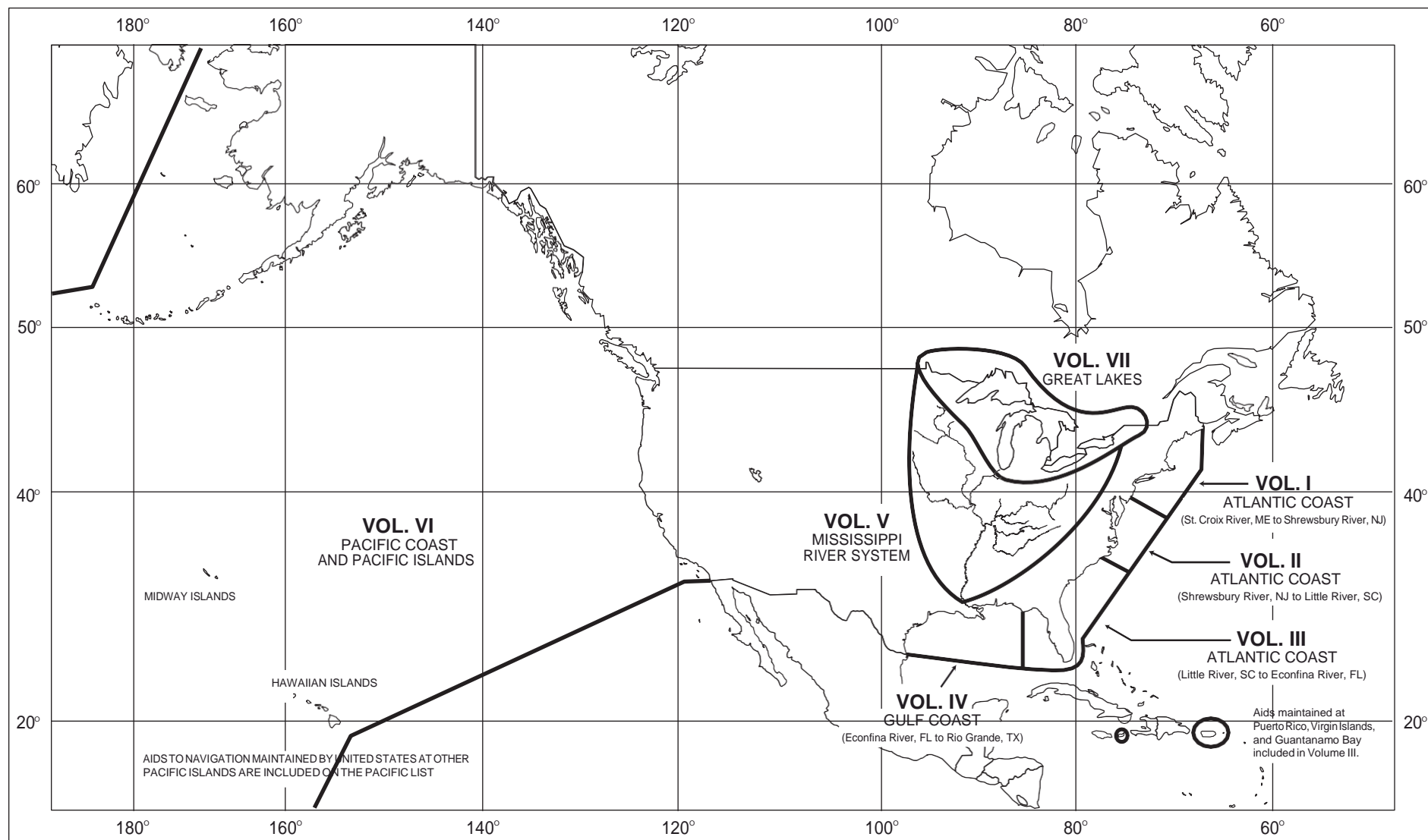
This publication contains a list of lights, sound  
signals, buoys, daybeacons, and other aids to navigation.

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

2022

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

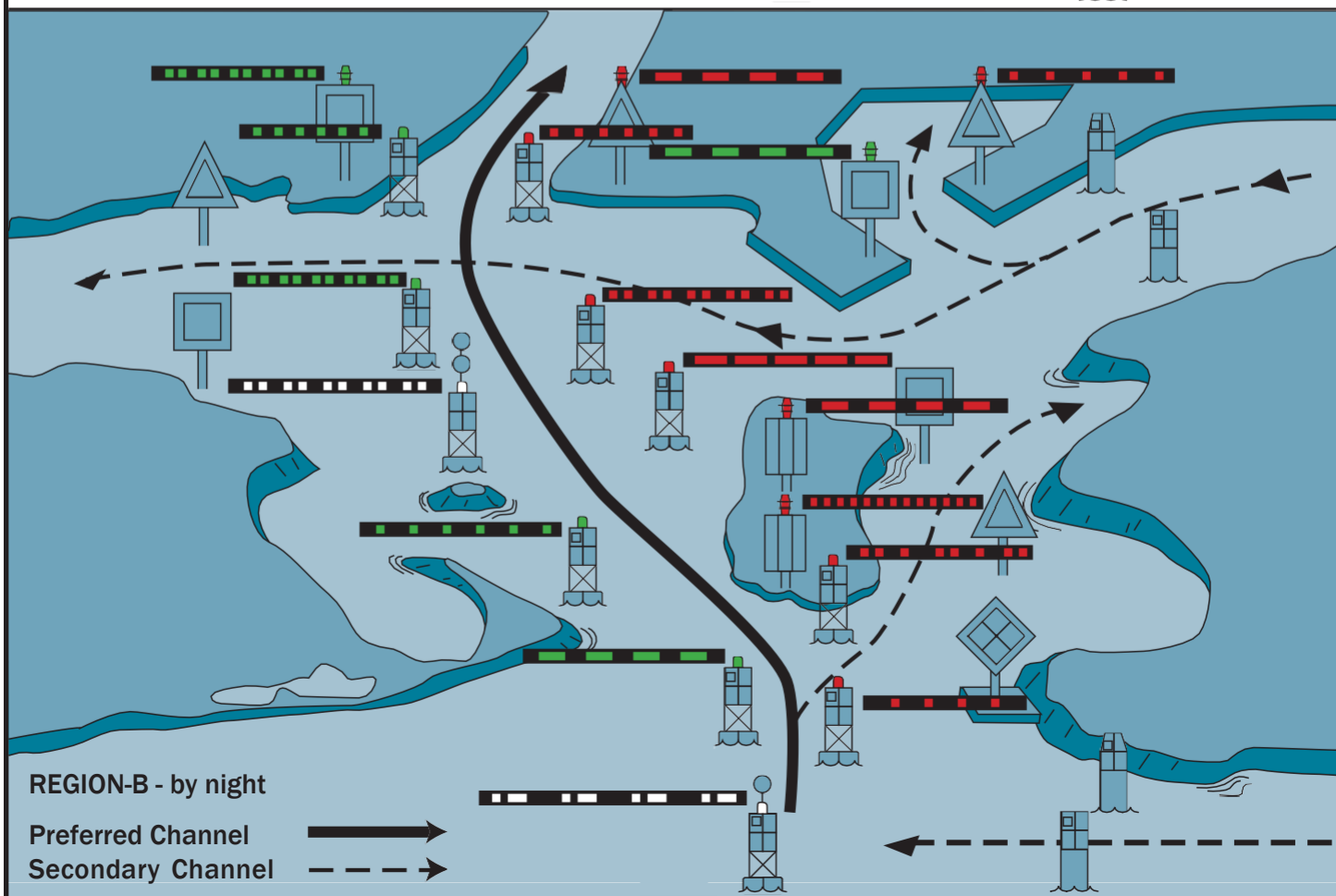
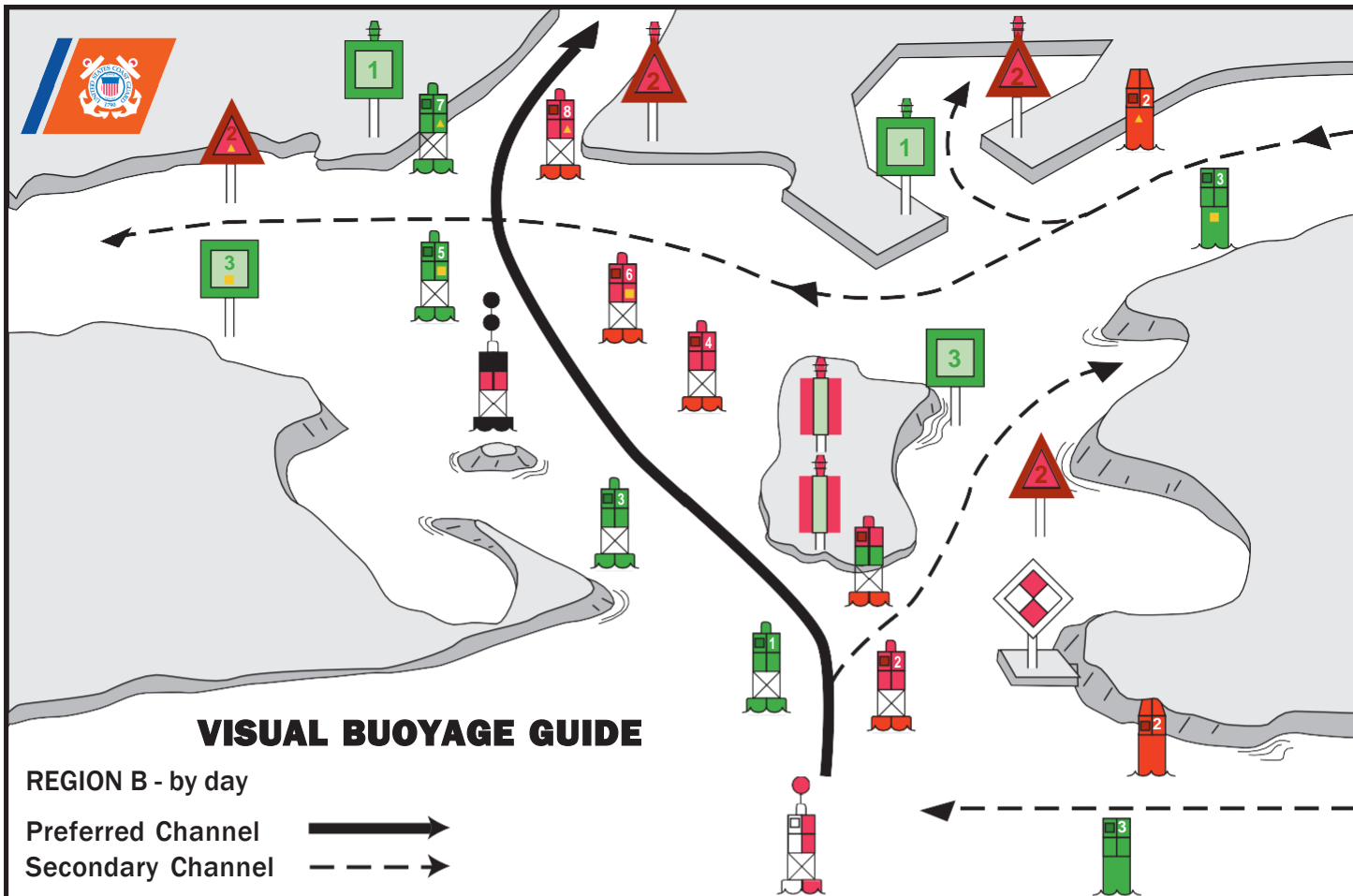
PORT SIDE ODD NUMBERED AIDS	PREFERRED CHANNEL NO NUMBERS - MAY BE LETTERED	PREFERRED CHANNEL NO NUMBERS - MAY BE LETTERED	STARBOARD SIDE EVEN NUMBERED AIDS
<p>GREEN LIGHT ONLY</p> <p>FLASHING (2)</p> <p>FLASHING</p> <p>OCCULTING</p> <p>QUICK FLASHING</p> <p>ISO</p>	<p>PREFERRED CHANNEL TO STARBOARD</p> <p>TOPMOST BAND GREEN</p> <p>GREEN LIGHT ONLY</p>	<p>PREFERRED CHANNEL TO PORT</p> <p>TOPMOST BAND RED</p> <p>RED LIGHT ONLY</p>	<p>RED LIGHT ONLY</p> <p>FLASHING (2)</p> <p>FLASHING</p> <p>OCCULTING</p> <p>QUICK FLASHING</p> <p>ISO</p>
 LIGHT FI G 6s G "9" FI G 4s LIGHTED BUOY	 GR "A" FI (2+1) G 6s COMPOSITE GROUP FLASHING (2+1)	 RG "B" FI (2+1) R 6s COMPOSITE GROUP FLASHING (2+1)	 LIGHT FI R 6s R "8" FI R 4s LIGHTED BUOY
 CAN G "9" DAYBEACON G "5"	 CAN GR "U" C "S" GR "S"	 NUN RG "C" N "C" RG "G"	 NUN R "6" DAYBEACON R "2"

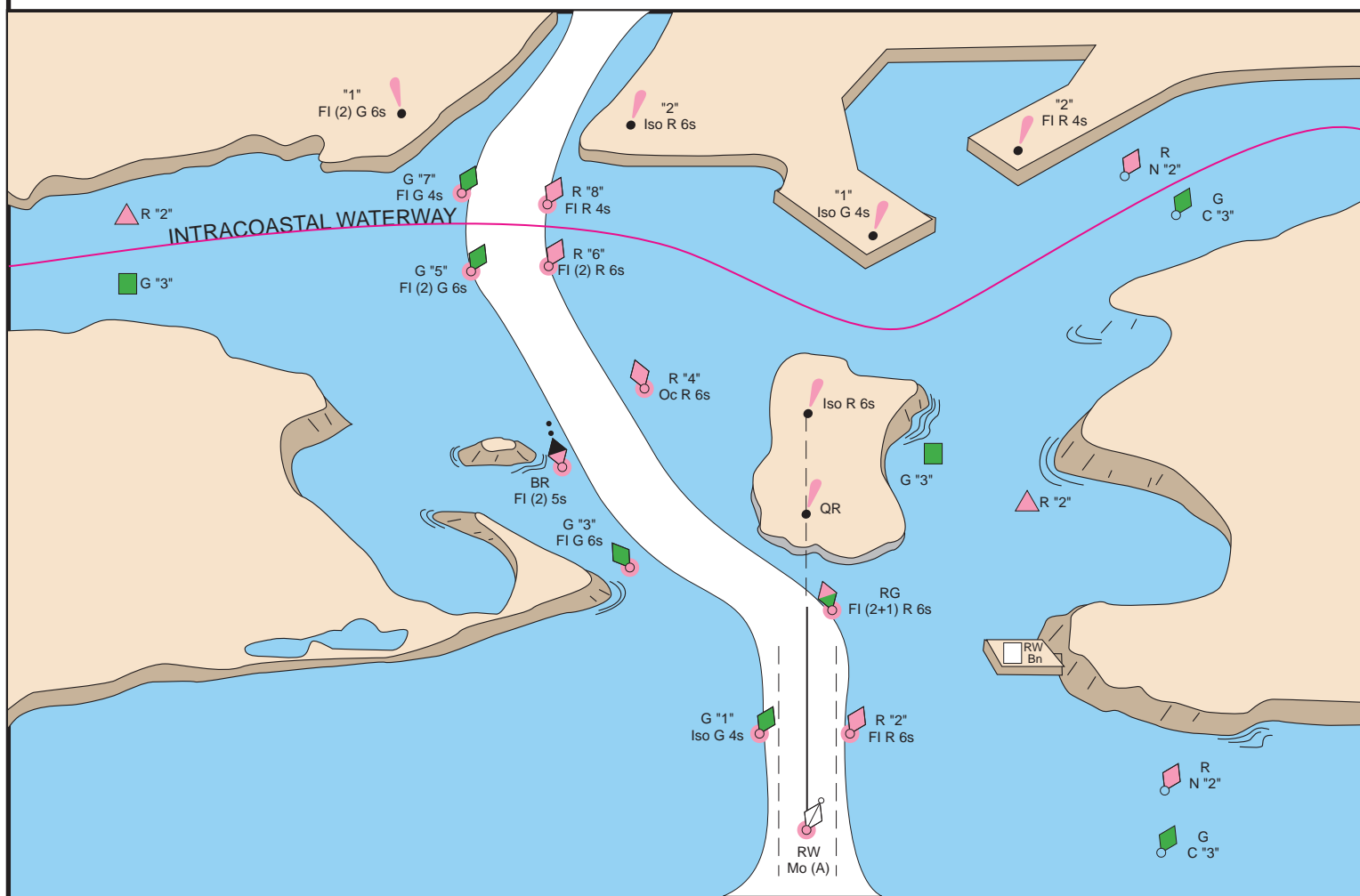
### AIDS TO NAVIGATION HAVING NO LATERAL SIGNIFICANCE

ISOLATED DANGER NO NUMBERS - MAY BE LETTERED	SAFE WATER NO NUMBERS - MAY BE LETTERED
<p>WHITE LIGHT ONLY</p> <p>FI (2) 5s</p> <p>BR "A" FI (2) 5s LIGHTED</p> <p>BR "C" FI (2) 5s UNLIGHTED</p>	<p>WHITE LIGHT ONLY MORSE CODE</p> <p>Mo (A)</p> <p>LIGHTED AND/OR SOUND RW "N" Mo (A)</p> <p>MR</p> <p>SPHERICAL</p> <p>UNLIGHTED AND/OR SOUND RW "N"</p>
<p>DAYBOARDS - MAY BE LETTERED</p> <p>WHITE LIGHT ONLY</p> <p>NR NG NB</p> <p>RW Bn GW Bn BW Bn</p>	
<p>RANGE DAYBOARDS MAY BE LETTERED</p> <p>KGW KWB KWR KRB KBR KGB KGB KGR KRG</p>	
<p>SPECIAL MARKS - MAY BE LETTERED</p> <p>YELLOW LIGHT ONLY</p> <p>FIXED FLASHING</p> <p>UNLIGHTED</p> <p>Y "A" C "A" N "C"</p> <p>Y "B" FI</p> <p>SHAPE OPTIONAL—BUT SELECTED TO BE APPROPRIATE FOR THE POSITION OF THE MARK IN RELATION TO THE NAVIGABLE WATERWAY AND THE DIRECTION OF BUOYAGE.</p>	

Aids to Navigation marking the Intracoastal Waterway (ICW) display unique yellow symbols to distinguish them from aids marking other waters. Yellow triangles indicate aids should be passed by keeping them on the starboard (right) hand of the vessel. Yellow squares indicate aids should be passed by keeping them on the port (left) hand of the vessel. A yellow horizontal band provides no lateral information, but simply identifies aids as marking the ICW.

TYPICAL INFORMATION AND REGULATORY MARKS	
 MOORING BUOY WHITE WITH BLUE BAND MAY SHOW WHITE REFLECTOR OR LIGHT	<p>INFORMATION AND REGULATORY MARKERS</p> <p>WHEN LIGHTED, INFORMATION AND REGULATORY MARKS MAY DISPLAY ANY WHITE LIGHT RHYTHM EXCEPT QUICK FLASHING, Mo(A), AND FLASHING (2)</p> <p>SWIM AREA</p> <p>BOAT EXCLUSION AREA</p> <p>ROCK</p> <p>DANGER</p> <p>SLOW</p> <p>CONTROLLED AREA</p> <p>NO WAKE</p> <p>TYPE OF CONTROL IS INDICATED IN THE CIRCLE, SUCH AS SLOW, NO WAKE, ANCHORING, ETC.</p> <p>BUOY USED TO DISPLAY REGULATORY MARKERS</p> <p>MAY SHOW WHITE LIGHT MAY BE LETTERED</p>
 INFORMATION MAY SHOW WHITE LIGHT MAY BE LETTERED	 REGULATORY MARKERS






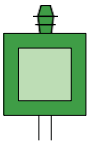
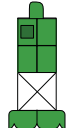
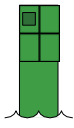

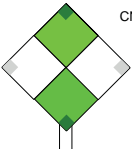


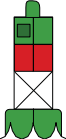


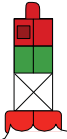

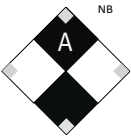


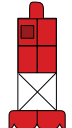
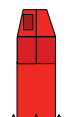
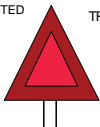
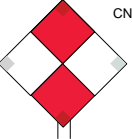



# U.S. AIDSTO NAVIGATION SYSTEM

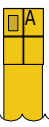
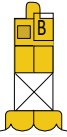




## on the Western River System



### AS SEEN ENTERING FROM SEAWARD

<p><b>PORT SIDE</b> OR RIGHT DESCENDING BANK</p> <p>GREEN OR WHITE LIGHTS</p> <p>FLASHING ISO</p>   LIGHT  LIGHTED BUOY  CAN  PASSING DAYBEACON  CROSSING DAYBEACON  MILE BOARD	<p><b>PREFERRED CHANNEL</b> MARK JUNCTIONS AND OBSTRUCTIONS COMPOSITE GROUP FLASHING (2+1)</p> <p>PREFERRED CHANNEL TO STARBOARD TOPMOST BAND GREEN FI (2+1) G</p>   JG  JR <p>PREFERRED CHANNEL TO PORT TOPMOST BAND RED FI (2+1) R</p>   JR <p><b>DAYBOARDS HAVING NO LATERAL SIGNIFICANCE</b></p> <p>MAY BE LETTERED</p>  WHITE LIGHT ONLY  NB A	<p><b>STARBOARD SIDE</b> OR LEFT DESCENDING BANK</p> <p>RED OR WHITE LIGHTS</p> <p>FLASHING (2) ISO</p>   LIGHT  LIGHTED BUOY  NUN <p>MAY BE LIGHTED</p>  TR PASSING DAYBEACON  CNR CROSSING DAYBEACON  MILE BOARD
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### SPECIAL MARKS--MAY BE LETTERED

 UNLIGHTED  LIGHTED  NY  A	<p>SHAPE: OPTIONAL--BUT SELECTED TO BE APPROPRIATE FOR THE POSITION OF THE MARK IN RELATION TO THE NAVIGABLE WATERWAY AND THE DIRECTION OF BUOYAGE.</p> <p>YELLOW LIGHT ONLY</p> <p>FIXED FLASHING</p>   MOORING BUOY WHITE WITH BLUE BAND MAY SHOW WHITE REFLECTOR OR LIGHT
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### TYPICAL INFORMATION AND REGULATORY MARKS

#### INFORMATION AND REGULATORY MARKERS

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



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

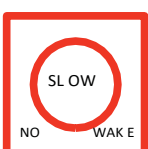
BOAT EXCLUSION AREA



THE NATURE OF DANGER MAY BE INDICATED INSIDE THE DIAMOND SHAPE, SUCH AS ROCK, WRECK, SHOAL, DAM, ETC.

DANGER

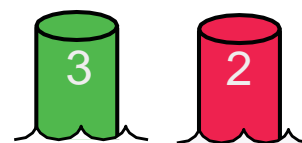
NW WHITE LIGHT ONLY



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

CONTROLLED AREA

### STATE WATERS



INLAND (STATE) WATER OBSTRUCTION MARK  
MAY SHOW WHITE REFLECTOR OR QUICK FLASHING WHITE LIGHT

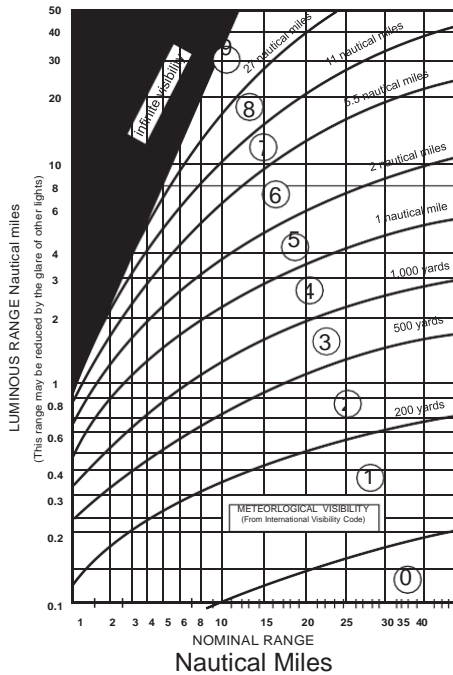


Used to indicate an obstruction to navigation, extends from the nearest shore to the buoy. This means "do not pass between the buoy and the nearest shore." This aid is replacing the red and white striped buoy within the USWMS, but cannot be used until all red and white striped buoys on a waterway have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



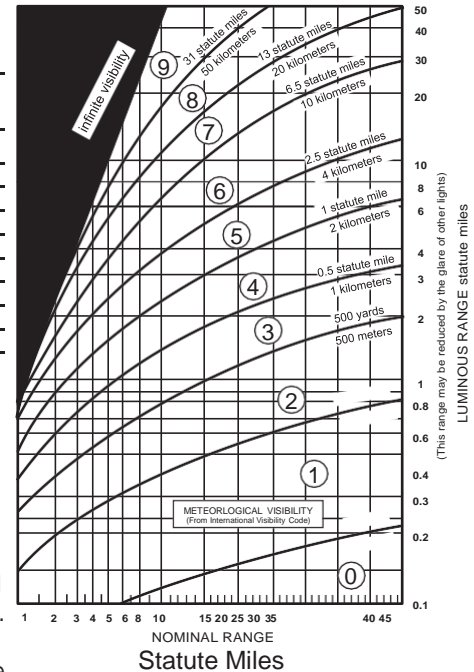
**METEOROLOGICAL VISIBILITY**  
(From International Visibility Code)

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 using this 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.
4. 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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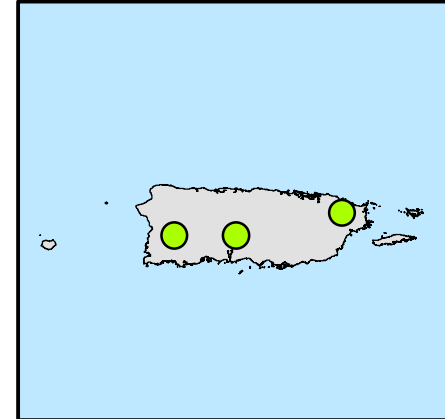
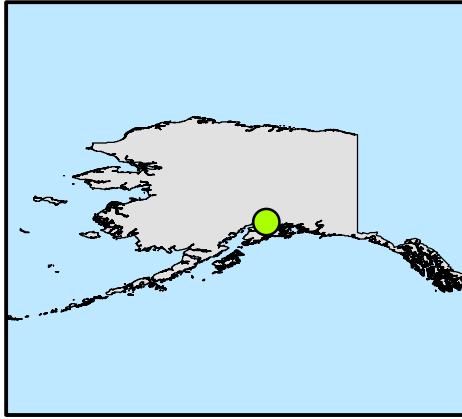
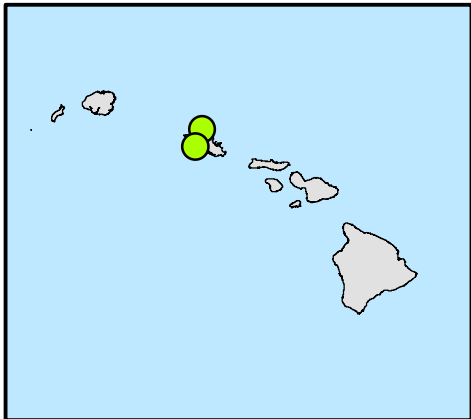
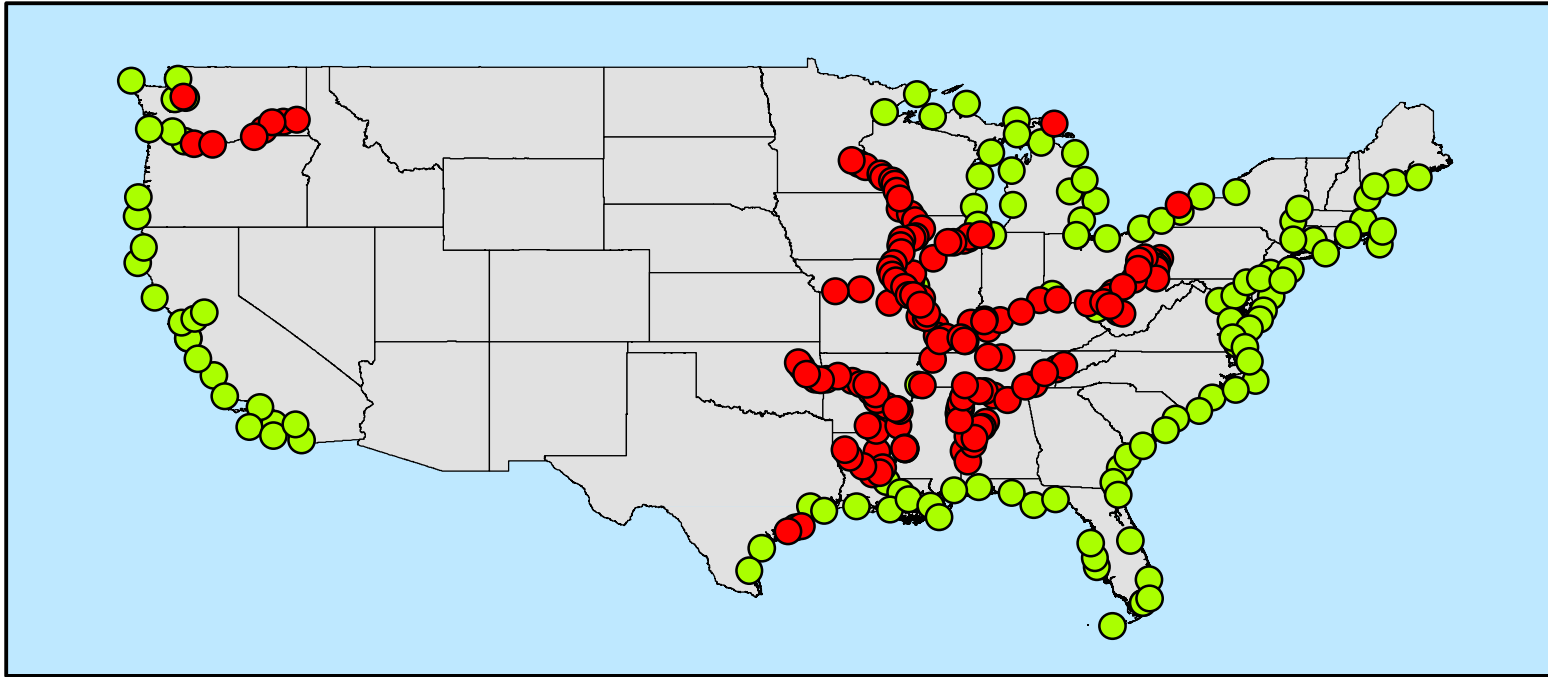


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# Federal AIS ATON Broadcast Sites



## Broadcasts Sites

### LOMA & NAIS

- Lock Operations Management Application (LOMA)
- Nationwide Automatic Identification System (NAIS)

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

Volume	Coast Guard District(s)	Geographic Description
I	<b>First Coast Guard District</b> 408 Atlantic Avenue Boston, MA 02110-3350 Tel: 617-223-8356 <a href="http://www.uscg.mil/d1">http://www.uscg.mil/d1</a>	Maine, New Hampshire, Massachusetts, Vermont (Lake Champlain), Rhode Island, Connecticut and New York to Shrewsbury River, New Jersey.
II	<b>Fifth Coast Guard District</b> Federal Building 431 Crawford Street Portsmouth, VA 23704-5004 Tel: (757)398-6486 (757) 398-6552 <a href="http://www.uscg.mil/d5">http://www.uscg.mil/d5</a>	Shrewsbury River, New Jersey to Little River South Carolina.
III	<b>Seventh Coast Guard District</b> Brickell Plaza Federal Building 909 SE 1st Avenue; Rm:406 Miami, FL 33131-3050 Tel: (305) 415-6752 or (305) 415-6800 <a href="http://www.uscg.mil/d7">http://www.uscg.mil/d7</a>	South Carolina, Georgia, Florida to Econfinia River (083°50' W), and Puerto Rico and the U.S. Virgin Islands.
IV	<b>Eight Coast Guard District</b> Hale Boggs Federal Building 500 Poydras Street New Orleans, LA 70130-3310 Tel: (504) 671-2327 (504) 671-2137 <a href="http://www.uscg.mil/d8">http://www.uscg.mil/d8</a>	Econfinia River (083°50' W), Florida to Rio Grande, Texas.
V		Mississippi River system and its navigable tributaries, Tenn-Tom Waterway, Alabama, Atchafalaya, and the Apalachicola-Chattahoochee-Flint River Systems.
VI	<b>Eleventh Coast Guard District (California, Nevada, Utah, Arizona)</b> Coast Guard Island Building 50-2 Alameda, CA 94501-5100 Tel: (510) 437-2975 <a href="http://www.uscg.mil/d11">http://www.uscg.mil/d11</a>  <b>Thirteenth Coast Guard District (Oregon, Washington, Idaho, Montana)</b> Federal Building 915 Second Avenue 35th Floor, Rm3510 Seattle, WA 98174-1067 Tel: (206)220-7270 (206) 220-7004 <a href="http://www.uscg.mil/d13">http://www.uscg.mil/d13</a>  <b>Fourteenth Coast Guard District (Hawaiian, American Samoa, Marshall, Marianas, and Caroline Islands)</b> Prince Kalanianaʻole Federal Bldg. 300 Ala Moana Blvd 9th Floor, Room 9-220 Honolulu, HI 96850-4982 Tel: (808) 535-3409 (808) 535-3414 <a href="http://www.uscg.mil/d14">http://www.uscg.mil/d14</a>  <b>Seventeenth Coast Guard District (Alaska)</b> PO Box 25517 Juneau, AK 99802-5517 Tel: (907)463-2029 or (907) 463-2269 <a href="http://www.uscg.mil/d17">http://www.uscg.mil/d17</a>	Pacific Coast, Pacific Islands, and the Coast of Alaska.
VII	<b>Ninth Coast Guard District</b> 1240 East 9th Street Cleveland, OH 44199-2060 Tel: (216)902-6060 or (216) 902-6117 <a href="http://www.uscg.mil/d9">http://www.uscg.mil/d9</a>	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 LOS ANGELES/LONG BEACH**  
1001 South Seaside Avenue Bldg 22  
San Pedro, CA  
90731  
Tel:(310) 521-3890

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

**ANT SAN DIEGO**  
2710 Harbor Drive  
North San Diego, CA  
92101-1079  
Tel:(619) 683-6358

**BUOY TENDERS**

**USCGC ASPEN (WLB 208)**  
c/o Coast Guard Base  
Yerba Buena Island  
San Francisco, CA  
94130-5013  
Tel:(415) 399-3590/91/92

**USCGC GEORGE COBB (WLM 564)**  
1001 South 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 COOS BAY**  
PO Box 5650  
Charleston, OR  
97420-0627  
Tel:(541) 888-3441

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

**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 (WLB-204)**

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 SEQUOIA (WLB 215)**

FPO AP 96678-3922  
Tel:(671) 355-4885

### **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 HICKORY (WLB 212)**

4688 Homer Spit Rd.  
Homer, AK  
99603-8001  
Tel:(907) 235-5233

### **USCGC SPAR (WLB 206)**

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

### **USCGC ELDERBERRY (WLI 65401)**

PO Box 550  
Petersburg, AK  
99833-0550  
Tel:(907) 772-4225

### **USCGC KUKUI (WLB 203)**

1480 Seward Avenue  
Sitka, AK  
99835-9454  
Tel:(907) 966-5470

### **USCGC SYCAMORE (WLB 209)**

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. 01/22, and

National Geospatial-Intelligence Agency (NGA) Notice to Mariners No. 01/22.

The 2022 edition supersedes the 2021 edition.

### RECORD OF CORRECTIONS YEAR 2022 TO YEAR 2023

1/22	2/22	3/22	4/22	5/22	6/22	7/22	88/22
9/22	10/22	11/22	12/22	13/22	14/22	15/22	16/22
17/22	18/22	19/22	20/22	21/22	22/22	23/22	24/22
25/22	26/22	27/22	28/22	29/22	30/22	31/22	32/22
33/22	34/22	35/22	36/22	37/22	38/22	39/22	40/22
41/22	42/22	43/22	44/22	45/22	46/22	47/22	48/22
49/22	50/22	51/22	52/22				



## 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.

***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 began in 2021 and will be completed by January 2025. Use NOAA ENC's for the most up-to-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 an updated list is posted every week on the USCG and National Geospatial-Intelligence Agency (NGA) Maritime Safety Office's Websites. 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 [TIS-SMB-NISWS@USCG.MIL](mailto:TIS-SMB-NISWS@USCG.MIL)

# 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, VIRTUAL AIS**

*Lighted Buoys*

Daybeacons, Unlighted Buoys, Virtual Automatic Identification System (V-AIS) ATON

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 [USCG NAVCEN](https://www.uscg.navy.mil/USCG/NAVCEN/). 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 paper nautical charts. Information about ENCs may be found 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-raster-charts.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 began in 2021 and will be completed by January 2025. Use NOAA ENC's 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 [NOAA Tides & Currents](#). 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 has begun to also distribute BNMs via internet, for more timely and convenient delivery - including through email or internet available to wireless mobile devices. To see how this service is being utilized in the First, Fifth, Seventh, Eighth, and Thirteenth Coast Guard Districts, visit: <https://www.uscg.navcen.gov/?PageName=feeds> for the most up-to-date list of Districts enrolled in this novel distribution service.

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.

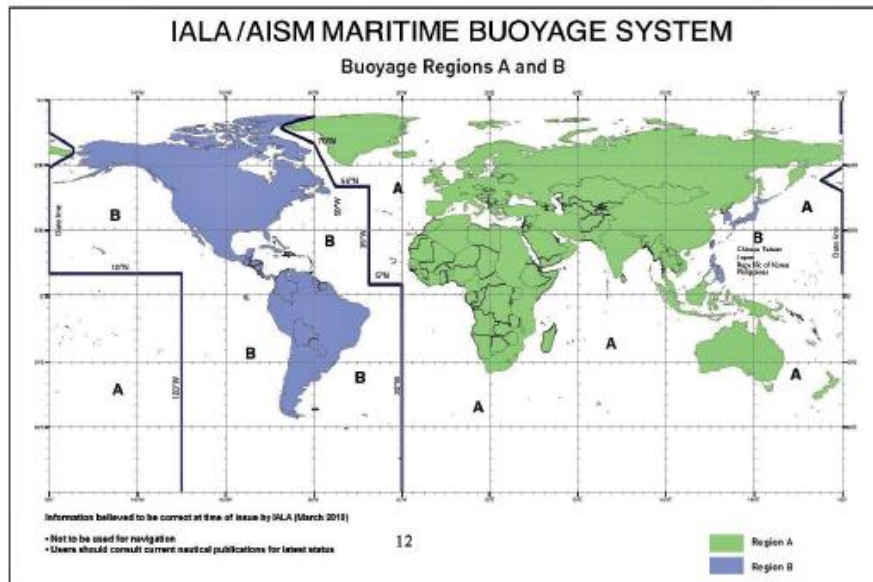
### **Discrepancies to Aids to Navigation**

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](mailto: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. 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.

## 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/Synthetic/Virtual] AIS AIS: 993666 X <sub>1</sub> X <sub>2</sub> X <sub>3</sub> X <sub>4</sub> SOURCE AIS: 00366X <sub>1</sub> X <sub>2</sub> X <sub>3</sub> X <sub>4</sub> , ASM: 8/67:33v3 [If more than 1 source station] 00366 X <sub>1</sub> X <sub>2</sub> X <sub>3</sub> X <sub>4</sub>

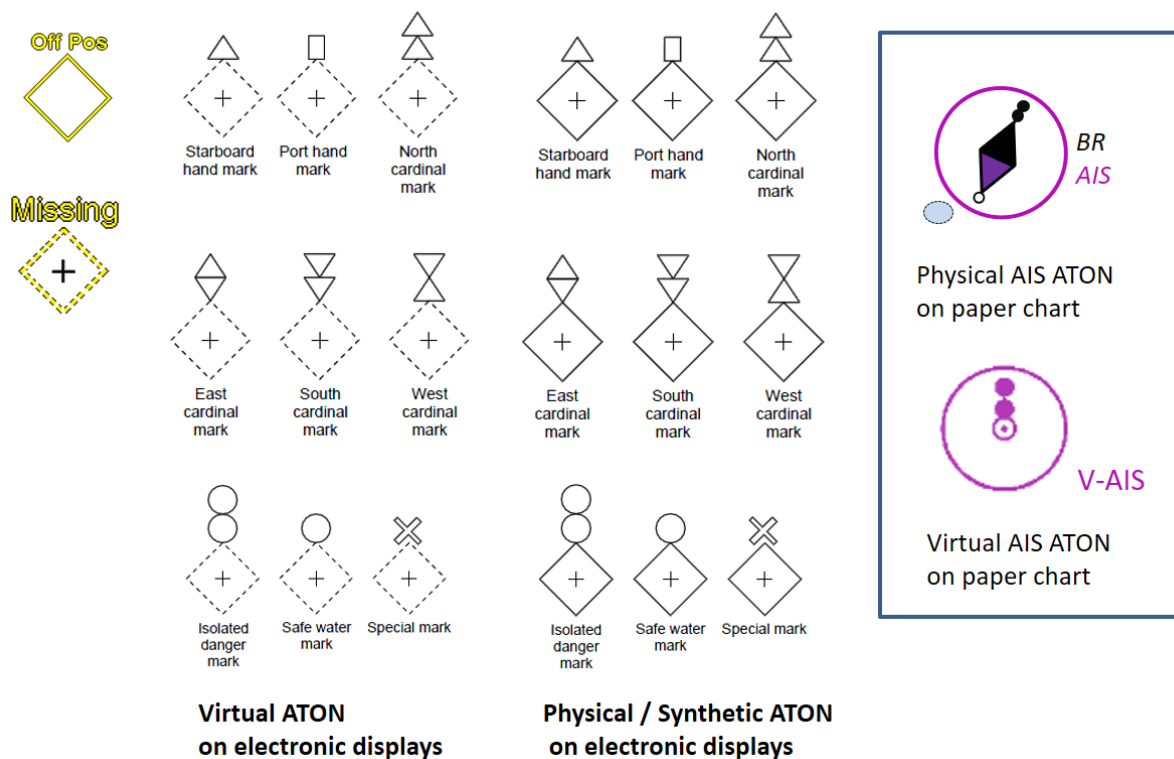
**Caution:** When encountering an AIS-ATON, especially one associated with an ATON, mariners should consult the Light List carefully to understand whether the AIS transmitter is located on the aid or not. This is critical information necessary for interpreting the situation. For example, if the AIS transmitter 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.

## Presentation of AIS ATON per current International Standards (IEC 62288 and 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/YYYY.ZZ.V, where:

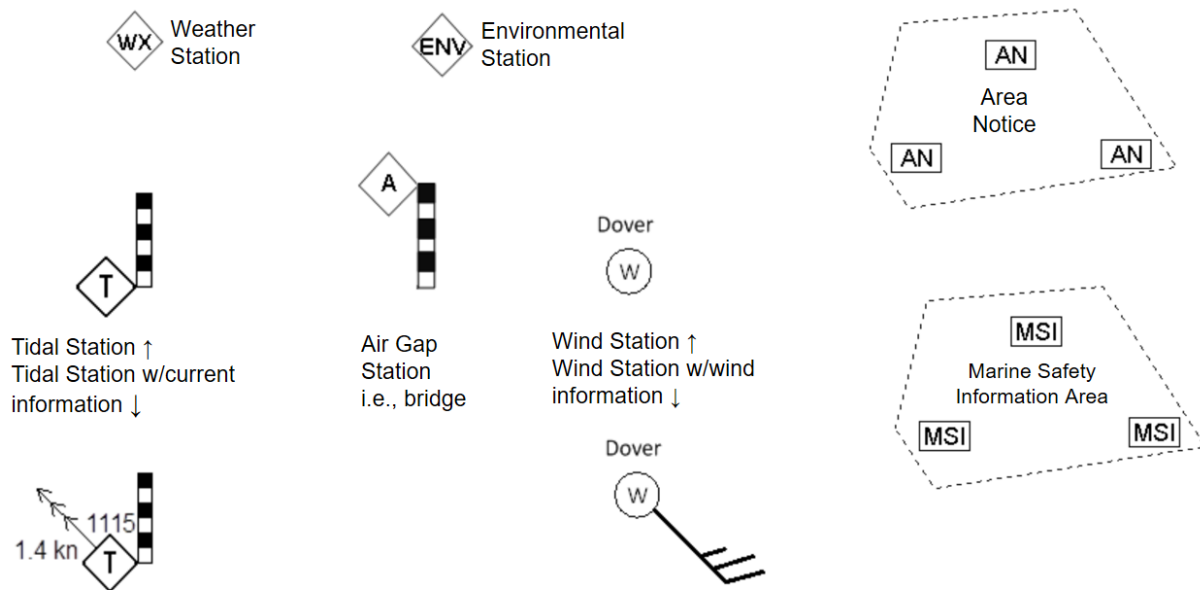
X identifies the AIS message number (i.e. 6, 8, 25 or 26),

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, FI = 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](http://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 through 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 [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](#).

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](mailto: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 [IALA Guidelines and Recommendations](#) 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 recommended 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 the mark.
- 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):** 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](http://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](http://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.

<b><u>Light Characteristics</u></b>		<b><u>Sound Signal Characteristics</u></b>	
Alternating Characteristic	AL CHAR	Blast Every	BL EV
Composite Group-Flashing	FL (2+1)	Seconds	S
Composite Group-Occulting	OC (2+1)	Silent	SI
Continuous Quick-Flashing	Q	<b><u>Colors*</u></b>	
Eclipse Fixed and Flashing	EC FFL	Black	B
Fixed	F	Blue	BU
Group-Flashing	FL (3)	Green	G
Group-Occulting	OC (2)	Orange	OR
Interrupted Quick-Flashing Isophase	IQ ISO	Red	R
Morse Code	MO (A)	White	W
Occulting	OC	Yellow	Y
Single-Flashing	FL	*NOTE: Color refers to characteristics of aids to navigation only.	
		<b><u>Aids to Navigation</u></b>	
		Aeronautical Radiobeacon	AERO RBN
		Automatic Identification System	AIS
		Daybeacon	DBN
		Destroyed	DESTR
		Discontinued	DISCONTD

<b><u>Organizations</u></b>		Established	ESTAB
Commander, Coast Guard District	CCGD (#)	Exposed Location Buoy	ELB
Coast Guard	CG	Extinguished	EXT
U.S. Army Corps of Engineers	USACE	Fog Signal Station	FOG SIG
		Light List Number	LLNR
		Light	LT
National Geospatial-Intelligence Agency	NGA	Lighted Bell Buoy	LBB
		Lighted Buoy	LB
National Ocean Service	NOS	Lighted Gong Buoy	LGB
National Weather Service	NWS	Lighted Horn Buoy	LHB
		Lighted Whistle Buoy	LWB
<b><u>Vessels</u></b>		Mariner Radio Activated Sound Signal	MRASS
Aircraft	A/C	Ocean Data Acquisition System	ODAS
Fishing Vessel	F/V	Privately Maintained	PRIV MAINTD
Liquefied Natural Gas Carrier	LNG	Radar Reflector	RA REF
Motor Vessel (includes Steam Ship, Container Ship, Cargo Vessel, Tanker etc)	M/V	Radar Responder Beacon	RACON
		Remote Radio Activated Sound Signal	RRASS
Pleasure Craft	P/C	Single Point Mooring Buoy	SPM
Research Vessel	R/V	Sound Signal	SS
Sailing Vessel	S/V	Temporarily Replaced by Lighted Buoy	TRLB
<b><u>Various</u></b>		Temporarily Replaced by Unlighted Buoy	TRUB
Anchorage	ANCH	Topmark	TMK
Anchorage Prohibited	ANCH PROHIB	Virtual AIS Aid to Navigation Whistle	V-AIS WHIS
Approximate	APPROX	<b><u>Days of the Week</u></b>	
Atlantic	ATL	Monday	MON
Authorized	AUTH	Tuesday	TUE
Average	AVG	Wednesday	WED
Bearing	BRG	Thursday	THU
Breakwater	BKW	Friday	FRI
Broadcast Notice to Mariners	BNM	Saturday	SAT
Canadian Aid (C)	(C)	Sunday	SUN
Captain of the Port	COTP	<b><u>Compass Directions</u></b>	
Channel	CHAN	North	N
		South	S
		East	E
		West	W
		Northeast	NE
		Northwest	NW
		Southeast	SE
		Southwest	SW

Code of Federal Regulations	CFR	<b><u>Months</u></b>	
Continue	CONT	January	JAN
Degrees (temp, geo, pos)	DEG	February	FEB
Diameter	DIA	March	MAR
Edition	ED	April	APR
Effect/Effective	EFF	May	MAY
Entrance	ENTR	June	JUN
Explosive Anchorage	EXPLOS ANCH	July	JUL
Fathom(s)	FM(S)	August	AUG
Foot/Feet	FT	September	SEP
Harbor	HBR	October	OCT
Height	HT	November	NOV
Hertz	HZ	December	DEC
Horizontal Clearance	HOR CL	<b><u>Countries and States</u></b>	
Hour	HR	Alabama	AL
International Regulations for Preventing Collisions at Sea	COLREGS	Alaska	AK
Kilohertz	KHZ	American Samoa	AS
Kilometer	KM	Arizona	AZ
Knot(s)	KT(S)	Arkansas	AR
Minute (time, geo, pos)	MIN	California	CA
Megahertz	MHZ	Canada	CN
Maritime Mobile Service Identity	MMSI	Colorado	CO
Moderate	MOD	Connecticut	CT
Mountain, Mount	MT	Delaware	DE
Nautical Mile(s)	NM	District of Columbia	DC
Notice to Mariners	NTM	Florida	FL
Obstruction	OBSTR	Georgia	GA
Occasion/ Occasionally	OCCASION	Guam	GU
Operating Area	OPAREA	Hawaii	HI
Pacific	PAC	Idaho	ID
Point(s)	PT(S)	Illinois	IL
Position	POS	Indiana	IN
		Iowa	IA
		Kansas	KS
		Kentucky	KY
		Louisiana	LA
		Maine	ME
		Maryland	MD
		Marshall Islands	MH

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

## 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 or 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 high- intensity 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.

**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).

**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.

**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.

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

LIST OF NAIS AND LOMA BROADCAST BASE STATIONS AND THEIR LOCATIONS				
AIS BASE STATION TYPE	MMSI	LOCATION	LATITUDE	LONGITUDE
NAIS	3660610	Cohasset	42-14-35.999N	070-50-11.000W
NAIS	3660608	Bethany	41-24-17.399N	072-59-58.301W
NAIS	3660609	Shinnecock	40-50-52.800N	072-30-10.501W
NAIS	3669168	Bristol	43-54-59.003N	069-29-05.400W
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	3669169	Catskill	42-12-34.160N	073-53-57.220W
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	3660612	Alexandria	38-45-14.090N	077-07-35.692W
NAIS	3660611	Greenbury Point	38-58-44.501N	076-27-15.199W
NAIS	3669761	North East	39-33-41.400N	075-55-46.801W
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	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	3669743	Swedesboro	39-43-32.498N	075-20-39.599W
NAIS	3669744	Tuckerton	39-37-54.910N	074-21-12.850W
NAIS	3669750	Berlin	38-19-39.740N	075-11-48.080W
NAIS	3669748	Chincoteague	37-55-52.871N	075-22-56.759W
NAIS	3669749	Farnham	37-53-15.000N	076-37-59.999W
NAIS	3669745	Merrick	37-33-27.202N	075-49-43.000W
NAIS	3669751	Newport News	37-09-49.000N	076-32-08.050W
NAIS	3669752	Pungo	36-43-48.698N	076-00-32.400W
NAIS	3660622	Buxton	35-14-43.879N	075-32-02.609W
NAIS	3660623	Mamie	36-08-08.830N	075-49-27.131W
NAIS	3660625	Sneads Ferry	34-31-05.081N	077-26-53.059W
NAIS	3660626	Southport	33-56-56.000N	078-00-42.001W
NAIS	3660624	Stacy	34-52-24.920N	076-24-53.890W
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	3669170	Montgomery	31-56-31.900N	081-07-17.490W
NAIS	3660630	Port Royal	32-25-11.410N	080-28-30.360W

NAIS	3669171	Brunswick	30-49-39.800N	081-44-26.400W
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	3669191	Biscayne Bay	25-32-24.972N	080-28-06.492W
NAIS	3660635	Lake Worth	26-35-21.199N	080-12-43.279W
NAIS	3669192	Miami	25-45-33.000N	080-11-30.800W
NAIS	3660637	Cerro Maravilla	18-09-10.810N	066-33-14.830W
NAIS	3669753	El Yunque	18-18-38.002N	065-47-34.001W
NAIS	3660636	Monte Del Estado	18-09-07.999N	066-59-26.999W
NAIS	3669746	Nokomis	27-09-04.000N	082-27-50.000W
NAIS	3669172	Palmetto	27-32-43.100N	082-34-27.330W
NAIS	3669747	Tarpon Springs	28-10-57.670N	082-46-04.330W
NAIS	3669781	Aransas Pass	27-56-40.171N	097-07-54.451W
NAIS	3669782	Kenedy	26-59-24.270N	097-39-46.020W
NAIS	3669774	Baytown	29-46-06.899N	095-01-04.598W
NAIS	3669173	Caney Creek	28-50-40.210N	095-39-29.130W
NAIS	3669777	Grand Chenier	29-46-22.699N	092-59-10.100W
NAIS	3669775	High Island	29-33-56.902N	094-23-19.201W
NAIS	3669163	Proctor	35-06-02.185N	090-17-29.231W
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	3669759	Shell Point	30-04-35.198N	084-18-05.198W
NAIS	3669758	Santa Rosa	30-22-28.200N	086-11-20.198W
NAIS	3669760	Van Cleave	30-29-10.050N	088-42-53.260W
NAIS	3669766	Bachelor	30-52-20.701N	091-40-23.700W
NAIS	3669175	Baton Rouge	30-22-50.040N	091-03-16.500W
NAIS	3669767	Bayou Salle	29-38-18.600N	091-31-02.399W
NAIS	3669176	Grammercy	30-04-25.200N	090-42-13.900W
NAIS	3669762	Reggio	29-48-32.320N	089-45-45.950W
NAIS	3669771	Venice	29-17-59.399N	089-22-28.499W
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	3669755	Avon Lake	41-28-54.599N	082-01-25.201W
NAIS	3669768	Conneaut	41-55-00.520N	080-32-57.008W
NAIS	3669770	Eden	42-39-03.701N	078-49-28.402W
NAIS	3669772	Hamlin	43-18-09.601N	077-54-53.798W
NAIS	3669769	Ripley	42-14-11.900N	079-39-33.901W
NAIS	3669754	Sunset Bay	43-30-30.170N	076-22-16.050W
NAIS	3669181	Bay City	43-32-33.100N	083-39-37.000W

NAIS	3669773	Lake Port	43-07-27.998N	082-31-37.999W
NAIS	3669182	Maumee Bay	41-38-13.400N	083-22-01.600W
NAIS	3669776	Port Austin	44-01-44.480N	083-00-04.250W
NAIS	3669778	Wayne	42-17-04.700N	083-08-24.000W
NAIS	3669785	Agnew	42-56-25.300N	086-08-19.100W
NAIS	3669786	Arcadia	44-27-02.300N	086-12-15.800W
NAIS	3669779	Ellison Bay	45-14-04.499N	087-05-27.600W
NAIS	3669784	Michigan City	41-38-33.100N	086-59-52.700W
NAIS	3669783	Oak Creek	42-51-21.499N	087-50-44.401W
NAIS	3669780	Point Beach	44-12-22.309N	087-36-24.750W
NAIS	3669193	Wilmette	42-04-37.850N	087-41-03.070W
NAIS	3669787	Alpena	45-12-42.001N	083-25-59.999W
NAIS	3669788	Bliss	45-41-13.999N	084-53-57.998W
NAIS	3669799	Eagle Harbor	47-22-11.399N	088-11-02.501W
NAIS	3669796	Grand Marais	46-38-29.000N	085-59-35.999W
NAIS	3669183	Gulliver	46-03-26.000N	085-58-42.000W
NAIS	3669792	Larsmont	47-00-17.540N	091-45-54.970W
NAIS	3669795	Maple Hill	47-47-42.000N	090-19-43.000W
NAIS	3669798	Marquette	41-38-13.190N	083-22-01.460W
NAIS	3669789	Porcupine Mountain	46-48-45.202N	089-40-08.000W
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	3669184	San Nicolas Island	33-14-22.000N	119-30-18.100W
NAIS	3669142	Point Loma	32-40-13.400N	117-14-24.900W
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	3669143	Eagle Rock	37-08-08.491N	122-11-46.932W
NAIS	3669145	Presidio	37-47-39.458N	122-27-53.064W
NAIS	3669144	Post Ranch	36-13-44.339N	121-46-05.041W
NAIS	3669188	Pittsburg	37-58-09.000N	121-54-15.000W
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	3669189	Seven Devils	43-16-27.000N	124-22-12.000W
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	3669190	Merizo	13-16-51.400N	144-40-26.400E
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
LOMA	3660879	G.V. ""Sonny"" Montgomery L&D (TT)	34-31-18.840N	88-19-24.240W
LOMA	3660876	Glover Wilkins L&D	34-3-53.536N	88-25-33.118W
LOMA	3660839	Green River L&D 2	37-31-54.084N	87-15-55.188W
LOMA	993660873	Aberdeen L&D	33-49-48.450N	88-31-12.990W
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	3660717	Allegheny L&D 4	40-36-49.464N	79-43-10.272W
LOMA	993660874	Amory L&D	34-0-39.996N	88-29-18.960W
LOMA	993660738	Bankhead L&D (John Hollis)	33-27-11.052N	87-21-27.072W
LOMA	3660881	Bevill, Tom L&D	32-12-37.008N	88-17-13.992W
LOMA	993660668	Braddock, Monongahela R L&D 2	40-23-32.568N	79-51-34.452W
LOMA	993660686	Brandon Road L&D	41-30-12.600N	88-6-12.168W
LOMA	993661106	Brickeys	38-4-30.000N	90-13-23.988W
LOMA	993660555	Cannelton L&D	37-53-58.884N	86-42-22.968W
LOMA	993661112	Caruthersville	36-11-35.016N	89-40-39.972W
LOMA	993660654	Chain of Rocks L&D (Lock 27)	38-42-10.584N	90-10-49.692W
LOMA	993660885	Chouteau L&D (17)	35-51-25.992N	95-22-14.988W
LOMA	993660883	Coffeetown L&D	31-45-23.076N	88-7-42.672W
LOMA	3660704	Columbia L&D	32-10-0.588N	92-6-36.720W
LOMA	3660638	Dardanelle L&D (#10)	35-15-0.360N	93-10-4.908W
LOMA	3660670	Dashields L&D	40-32-55.752N	80-12-23.868W
LOMA	993660884	Demopolis L&D	32-31-9.660N	87-52-46.992W
LOMA	3660682	Dresden L&D	41-23-51.720N	88-16-56.172W
LOMA	3660727	Emmett Sanders L&D	34-14-50.064N	91-54-20.412W
LOMA	3660683	Emsworth L&D	40-30-18.000N	80-5-18.708W
LOMA	3660744	Ensley Engineering Yard	35-4-12.011N	90-7-21.396W
LOMA	993661113	ERDC CHL TEST	32-17-59.755N	90-51-57.694W
LOMA	3660710	Felsenthal L&D	33-3-34.560N	92-7-22.332W
LOMA	993661107	Florence	39-37-57.904N	90-36-27.677W
LOMA	3660657	Fort Loudoun L&D	35-47-22.560N	84-14-30.120W
LOMA	3660875	Fulton L&D	34-15-27.396N	88-25-26.544W
LOMA	993660855	Gasconade	38-39-51.696N	91-32-21.696W
LOMA	3661113	Glasgow	39-14-27.852N	92-47-18.384W
LOMA	993661110	Grand Tower	37-39-28.872N	89-30-45.108W

LOMA	3660848	Gray's Landing L&D	39-49-28.956N	79-55-13.656W
LOMA	993661111	Grays Point	37-14-58.812N	89-27-50.303W
LOMA	993661104	Greenville Bridge	33-17-8.117N	91-9-21.157W
LOMA	993660739	Holt L&D	33-15-11.124N	87-26-57.228W
LOMA	3660877	Howell Heflin L&D	32-50-13.344N	88-8-10.392W
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	3660712	John H. Overton L&D	31-11-16.152N	92-17-32.820W
LOMA	3660856	John T. Myers L&D	37-47-41.640N	87-59-33.108W
LOMA	3660713	Jonesville L&D	31-28-58.512N	91-51-37.188W
LOMA	3660842	Kaskaskia River Nav. L&D	37-59-3.012N	89-56-47.256W
LOMA	101135	KNOXVILLE - TVA	35-57-58.032N	83-55-14.088W
LOMA	3660687	La Grange L&D	39-56-28.284N	90-32-5.208W
LOMA	100553	Lexington	39-9-29.844N	93-54-44.244W
LOMA	3660714	Lindy Claiborne Boggs L&D	31-15-14.591N	91-57-32.544W
LOMA	3660701	Lockport L&D	41-34-6.402N	88-4-37.618W
LOMA	3660859	Markland L&D	38-46-27.642N	84-57-58.032W
LOMA	3660650	Marmet L&D	38-15-17.646N	81-33-57.222W
LOMA	3660702	Marseilles L&D	41-19-42.031N	88-45-11.880W
LOMA	993661101	Maxwell L&D	40-0-4.176N	79-57-39.924W
LOMA	993660725	Maynard, Col. Charles D. L&D (5)	34-24-46.908N	92-6-4.212W
LOMA	3660860	McAlpine L&D	38-16-44.562N	85-47-28.464W
LOMA	993660647	Meldahl, Captain Anthony L&D	38-47-50.424N	84-10-21.108W
LOMA	3660684	Melvin Price L&D	38-52-16.061N	90-9-5.940W
LOMA	3660673	Mississippi L&D 10	42-47-9.708N	91-5-45.359W
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	3660674	Mississippi L&D 2	44-45-35.868N	92-52-9.358W
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	3660554	Mississippi L&D 22	39-38-9.624N	91-14-58.618W
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	3660846	Mississippi L&D 3	44-36-35.838N	92-36-39.298W
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	993660680	Mississippi L&D 9	43-12-42.708N	91-5-54.298W
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	3660861	Montgomery L&D (OH)	40-38-52.710N	80-23-6.958W
LOMA	3660890	Montgomery Point L&D	33-56-42.048N	91-5-15.058W
LOMA	3660643	Murray L&D (7)	34-47-26.292N	92-21-30.240W
LOMA	3660556	MVD Test Site	32-20-55.194N	90-52-53.220W
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	3660886	Newt Graham L&D (18)	36-3-33.000N	95-32-10.979W
LOMA	3660730	Norrell L&D (1)	34-1-11.988N	91-11-43.019W
LOMA	3660706	Old Hickory L&D	36-17-43.998N	86-39-23.998W
LOMA	993660740	Oliver L&D (William Bacon)	33-12-36.876N	87-35-36.240W
LOMA	3660858	Olmsted L&D	37-11-0.918N	89-3-49.799W
LOMA	993660642	Ormond, Arthur L&D (9)	35-7-27.264N	92-47-8.268W
LOMA	3660641	Ozark L&D (#11)	35-28-18.582N	93-48-44.338W
LOMA	3660703	Peoria L&D	40-37-55.626N	89-37-27.480W
LOMA	993661108	Pere Marquette	38-59-50.788N	90-31-3.104W
LOMA	3660854	Point Marion L&D	39-43-41.243N	79-54-44.748W
LOMA	830361	Port of Decatur	34-37-12.342N	86-59-15.709W
LOMA	93661108	Prices Landing	37-1-33.384N	89-21-23.184W
LOMA	3660731	R. S. Kerr Lake L&D (15)	35-20-52.998N	94-46-43.979W
LOMA	0	Red Bud	38-11-20.544N	89-53-25.260W
LOMA	3660669	Red River L&D 3	31-31-18.036N	92-43-39.000W
LOMA	3660715	Russell B. Long L&D (L&D 4)	31-56-23.111N	93-16-13.966W
LOMA	993660741	Selden L&D	32-46-29.359N	87-49-50.520W
LOMA	3660865	Smithland L&D	37-9-59.216N	88-25-41.506W
LOMA	3660872	St. Mary's (Soo Locks)	46-30-9.529N	84-20-56.314W
LOMA	3660738	Starved Rock L&D	41-19-28.782N	88-59-7.980W
LOMA	3660878	Stennis John C. L&D	33-31-3.828N	88-29-22.488W
LOMA	3660726	Terry, David D. L&D (6)	34-39-58.272N	92-9-20.999W
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	3660732	Toad Suck Ferry L&D (#8)	35-4-34.998N	92-32-21.959W
LOMA	993660845	Trailer #1	32-17-56.400N	90-51-55.080W
LOMA	3660870	USACE AREC	38-35-25.800N	90-12-21.960W
LOMA	993661103	Vicksburg Bridge	32-18-52.312N	90-54-27.360W
LOMA	3660733	W. D. Mayo L&D (14)	35-18-52.998N	94-33-34.978W
LOMA	3660711	Waggoner Jr., Joe D. L&D	32-14-59.496N	93-29-46.680W
LOMA	3660734	Webbers Falls Lake L&D (16)	35-33-16.002N	95-10-4.980W

LOMA	3660658	Wheeler Gen Joe L&D	34-48-50.724N	87-22-59.412W
LOMA	3660882	Whitten, Jamie L&D	34-31-18.768N	88-19-24.420W
LOMA	3660891	Wilbur D. Mills L&D (2)	34-1-35.166N	91-14-48.538W
LOMA	3660709	Wilson L&D	34-48-17.106N	87-37-40.620W
LOMA	993660645	Ballard L&D (Chittenden)	47-39-55.872N	122-23-49.128W
LOMA	993660644	Barkley L&D	37-1-9.120N	88-13-29.928W
LOMA	993660646	Belleville L&D	39-7-1.056N	81-44-34.188W
LOMA	993660737	Black Rock L&D	42-56-2.112N	78-54-18.360W
LOMA	993660557	Bonneville L&D	45-38-13.092N	121-56-58.812W
LOMA	993660835	Brazos East & West L&D	28-53-46.986N	95-23-17.642W
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	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	993660648	Greenup L&D	38-38-52.620N	82-51-40.212W
LOMA	993660659	Guntersville L&D	34-25-35.256N	86-23-29.472W
LOMA	3660855	Hannibal L&D	39-39-54.900N	80-51-57.060W
LOMA	993660662	Ice Harbor L&D	46-15-3.744N	118-52-50.880W
LOMA	993660660	Kentucky L&D	37-0-54.972N	88-15-55.548W
LOMA	993660663	Little Goose L&D	46-34-55.732N	118-1-39.648W
LOMA	993660649	London L&D	38-11-37.296N	81-22-6.359W
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	993660672	Mississippi L&D 1	44-54-50.658N	93-12-8.280W
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	993660864	Pike Island L&D	40-8-52.866N	80-42-4.799W
LOMA	993660685	Racine L&D	38-55-6.162N	81-54-40.558W
LOMA	993660651	Robert C Byrd L&D	38-40-58.002N	82-11-4.978W
LOMA	993660753	The Dalles L&D	45-36-56.556N	121-8-15.360W
LOMA	993660708	Watts Bar L&D	35-37-19.998N	84-46-45.959W
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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN DIEGO TO CAPE MENDOCINO (Chart 18020)</b>							
1	<i>Dart Tsunami Warning Lighted Buoy Station 46412</i>	32-27-26.011N 120-33-38.051W	Fl (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration.
<b>SAN DIEGO TO SANTA ROSA ISLAND (Chart 18740)</b>							
1.1	<i>Scripps Waverider Lighted Research Buoy 191</i>	32-31-00.100N 117-25-30.700W	Fl (5)Y 20s			Yellow sphere with whip antenna.	In Mexican waters. Private aid.
2	<i>Cortes Bank Lighted Bell Buoy 2CB</i>	32-26-35.367N 119-07-22.315W	Fl R 4s		4	Red.	
5	<b>Point Loma Light</b>	32-39-54.258N 117-14-33.601W	Fl 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	<i>San Diego Bay Approach Lighted Whistle Buoy SD</i>	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	<i>Pt Loma San Diego Research Buoy</i>	32-40-10.510N 117-19-22.710W	Fl Y 4s			Yellow Lighted Buoy with Aluminum Cage.	Private aid.
20	<b>Ocean Beach Pier Fog Sound Signal</b>	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	Fl R 2.5s	15	5	TR on pile.	
30 2280	MISSION BAY NORTH JETTY LIGHT 1	32-45-30.600N 117-15-33.151W	Fl 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	<i>Scripps Waverider CDIP Lighted Research Buoy 201</i>	32-52-04.260N 117-16-00.000W	Fl (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	Fl 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	Fl W 4s	53	6	White pyramidal structure.	
60	CAMP PENDLETON NORTH LIGHT	33-18-38.611N 117-28-57.572W	Fl W 6s	63	6	White pyramidal structure.	
80	SAN MATEO POINT LIGHT	33-23-18.241N 117-35-44.642W	Fl W 4s	63	9	NR on post.	
81	<i>NOAA Environmental Lighted Buoy 46086</i>	32-29-55.122N 118-03-09.554W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
82	<i>NOAA Environmental Lighted Buoy 46047</i>	32-23-18.000N 119-31-30.000W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
83	<i>Scripps Waverider Lighted Research Buoy 067</i>	33-13-29.300N 119-52-54.500W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
<b>SAN DIEGO TO CAPE MENDOCINO (Chart 18020)</b>							
85	<i>Scripps Offshore CCE-1 Research Buoy SIO</i>	33-30-55.000N 122-30-18.400W	Fl Y 4s			Yellow disk with skeleton tower.	Private aid.
<b>SAN DIEGO TO SANTA ROSA ISLAND (Chart 18740)</b>							
90 2440	NEWPORT BAY WEST JETTY LIGHT 3	33-35-17.963N 117-52-46.478W	Fl 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	Fl W 4s	32		At end of concrete pier.	Private aid.
125 3012	<b>Long Beach Light</b>	33-43-23.497N 118-11-12.590W	Fl W 5s	50	14	NG on a white building with columnar base. 42	HORN: 1 blast ev 30s (3s bl), operates continuously.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN DIEGO TO SANTA ROSA ISLAND (Chart 18740)</b>							
135 3110	<b>Los Angeles Light</b>	33-42-30.810N 118-15-05.984W	Fl 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	<b>Point Fermin Light</b>	33-42-17.310N 118-17-38.408W	Fl W 10s	120	13	On pile. 13	
145	<i>Point Fermin Lighted Whistle Buoy 6PF</i>	33-41-55.783N 118-17-30.106W	Fl R 4s		4	Red.	
158	<i>Scripps Waverider Lighted Research Buoy 092</i>	33-37-04.000N 118-19-01.000W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
160	<i>Scripps Waverider CDIP Lighted Research Buoy 213</i>	33-34-33.200N 118-10-52.700W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
170	<b>Point Vicente Light</b>	33-44-31.072N 118-24-38.314W	Fl (2)W 20s	185	14	White cylindrical tower. 67	
175	<i>Palos Verdes Point Lighted Bell Buoy 10PV</i>	33-46-24.068N 118-26-43.318W	Fl R 4s		4	Red.	
<b>POINT DUME TO PURISIMA POINT (Chart 18720)</b>							
181	<i>NOAA Environmental Lighted Buoy 46025</i>	33-45-30.000N 119-02-40.000W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
181.3	<i>Scripps Waverider CDIP Lighted Research Buoy 203</i>	33-46-08.400N 119-33-52.900W	Fl (5)Y 20s			Yellow Sphere w/Whip .	Private aid.
181.6	<i>NOAA Environmental Lighted Buoy 46069</i>	33-40-38.000N 120-12-46.000W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
181.8	<i>Scripps Waverider CDIP Lighted Research Buoy 138</i>	33-24-21.600N 119-40-01.200W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
182	<i>Scripps Waverider CDIP Lighted Research Buoy 234</i>	33-40-45.000N 119-00-00.000W	Fl Y 4s			YELLOW 3' DIAMETER SPHERE BUOY WITH 8' ANT.	Private aid.
185	<b>Anacapa Island Light</b>	34-00-57.028N 119-21-34.460W	Fl (2)W 60s		14	White cylindrical tower. 40	HORN: 1 blast ev 15s (2s bl), operates continuously.
187	<b>PLATFORM GAIL RACON</b>	34-07-30.000N 119-24-01.000W					RACON: G ( - - . ) Private aid.
190 3585	<b>Port Hueneme Light</b>	34-08-42.624N 119-12-35.919W	Fl (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	<b>Santa Barbara Light</b>	34-23-47.004N 119-43-21.539W	Fl W 10s	142	14	White tower. 24	Light obscured from 090° to 275°.
196	<i>NOAA Environmental Lighted Buoy 46053</i>	34-14-26.000N 119-50-20.000W	Fl (4)Y 20s			Yellow 3 Meter disc-shaped buoy	Aid maintained by National Oceanic and Atmospheric Administration.
198.1	<i>NOAA Environmental Lighted Buoy 46054</i>	34-16-21.000N 120-28-12.000W	Fl (4)Y 20s			Yellow 3 Meter disc-shaped Buoy	Aid Maintained by National Oceanographic and Atmospheric Administration
<b>POINT DUME TO PURISIMA POINT (Chart 18720)</b>							
198.5	<i>Scripps CDIP Point Conception Buoy</i>	34-18-00.000N 120-48-48.000W	Fl W 4s				Private aid.
<b>CALIFORNIA - Eleventh District</b>							
<b>POINT DUME TO PURISIMA POINT (Chart 18720)</b>							
199	<i>Scripps SB Channel CCE-2 Research Buoy</i>	34-18-32.760N 120-48-09.000W	Fl (2)W 4s			White and orange striped disc-shaped buoy with aluminum tower.	Private aid.
200	<b>Point Conception Light</b>	34-26-55.063N 120-28-14.574W	Fl W 30s	133	14	White tower behind white building. 52	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>POINT DUME TO PURISIMA POINT (Chart 18720)</b>							
201	<i>Scripps Waverider Lighted Research Buoy 071</i>	34-27-15.600N 120-46-55.800W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
210	POINT ARGUELLO LIGHT	34-34-37.452N 120-38-50.146W	Fl W 15s	97	9	On single post.	
214	<i>Scripps Waverider CDIP Lighted Research Buoy 222</i>	34-46-03.000N 121-29-52.800W	Fl (5)Y 20s			Yellow Sphere w/ Whip Antenna.	Private aid.
<b>POINT CONCEPTION TO POINT SUR (Chart 18700)</b>							
215	<i>NOAA Environmental Lighted Buoy 46011</i>	34-57-22.441N 121-01-07.501W	Fl (4)Y 20s		4	Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
220	<i>Souza Rock Lighted Gong Buoy 14SR</i>	35-07-45.353N 120-44-23.485W	Fl (2+1)R 6s		4	Red and green bands.	
225	<b>San Luis Obispo Light</b>	35-09-36.840N 120-45-37.822W	Fl W 5s	116	14	18	Lighted throughout 24 hours.
230	<i>Westdahl Rock Lighted Bell Buoy 1</i>	35-08-45.704N 120-47-05.831W	Fl G 6s		5	Green.	
235	<i>Point Buchon Lighted Whistle Buoy 16</i>	35-14-26.995N 120-54-35.047W	Fl R 6s		4	Red.	
240 3835	MORRO BAY WEST BREAKWATER LIGHT	35-21-46.296N 120-52-11.417W	Fl W 4s	36	9	White column.	Light obscured from 176° to 207°. HORN: 1 blast ev 30s (3s bl), operates continuously.
265	<b>Piedras Blancas Light</b>	35-39-56.250N 121-17-03.639W	Fl W 10s	142		White conical tower with a flat top. 142	Private aid.
275	<i>NOAA Environmental Lighted Buoy 46028</i>	35-46-12.000N 121-54-11.000W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>POINT SUR TO SAN FRANCISCO (Chart 18680)</b>							
280	<b>Point Sur Light</b>	36-18-22.513N 121-54-05.621W	Fl W 15s	250	14	Light House 48	Emergency light of reduced intensity when main light is extinguished.
282	<i>Scripps Waverider Lighted Research Buoy 157</i>	36-20-05.200N 122-06-14.000W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
285	<i>Cypress Point Lighted Gong Buoy 22</i>	36-35-02.859N 121-59-06.820W	Fl R 2.5s		4	Red.	
288	<i>Monterey Bay (MBARI) Lighted Buoy (M1)</i>	36-45-27.600N 122-02-10.300W	Fl Y 4s			Yellow.	Private aid.
290	<b>Point Pinos Light</b>	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	<i>Point Pinos Lighted Bell Buoy 2</i>	36-38-50.995N 121-56-38.816W	Fl R 6s		4	Red.	
<b>SAN DIEGO TO CAPE MENDOCINO (Chart 18020)</b>							
<b>SANTA CATALINA ISLAND (Chart 18757)</b>							
296	<i>NOAA Environmental Lighted Buoy 46044</i>	36-42-01.000N 122-23-24.000W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
296.1	<i>NOAA Environmental Lighted Buoy 46FLO</i>	36-40-05.535N 122-33-44.143W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>POINT SUR TO SAN FRANCISCO (Chart 18680)</b>							
297	<i>NOAA Environmental Lighted Buoy 46042</i>	36-47-04.794N 122-23-53.894W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
298	<i>NOAA Environmental Lighted Buoy 46114</i>	36-42-00.000N 122-20-33.000W	Fl (5)Y 20s			Yellow sphere with whip antenna. 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
<b>CALIFORNIA - Eleventh District</b>							
<b>POINT SUR TO SAN FRANCISCO (Chart 18680)</b>							
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	<b>Santa Cruz Light</b>	36-57-05.340N 122-01-36.360W	Fl W 5s	60		White lantern house on brick building.39.	Light Obscured from 085 - 220 degrees. Private aid.
315	<i>Ano Nuevo Island Lighted Whistle Buoy 24</i>	37-05-47.825N 122-20-24.958W	Fl R 6s		4	Red.	
320	<b>Pigeon Point Light</b>	37-10-54.281N 122-23-38.253W	Fl W 10s	148	14	Cylindrical 110	
325	<i>NOAA Environmental Lighted Buoy 46012</i>	37-21-12.932N 122-52-47.834W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
330	<i>Pillar Point Harbor Approach Lighted Buoy PP</i>	37-28-20.012N 122-30-49.555W	Mo (A) W		4	Red and white stripes with red spherical topmark.	
335	<b>Point Montara Light</b>	37-32-11.324N 122-31-09.447W	Fl W 5s	70	14	White conical tower. 30	
345	<i>San Francisco South Traffic Lane Lighted Bell Buoy S</i>	37-39-00.012N 122-41-42.055W	Fl Y 4s		5	Yellow.	
<b>SAN DIEGO TO CAPE MENDOCINO (Chart 18020)</b>							
<b>SANTA CATALINA ISLAND (Chart 18757)</b>							
346	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
348	San Francisco Approach Outbound Southern TSS V-AIS 5S	37-30-00.012N 122-43-38.035W					Virtual AIS MMSI: 993692018
348.5	San Francisco Approach Outbound Southern TSS V-AIS 6S	37-39-16.032N 122-43-38.035W					Virtual AIS MMSI: 993692019
<b>POINT SUR TO SAN FRANCISCO (Chart 18680)</b>							
350	<i>San Francisco West Traffic Lane Lighted Gong Buoy W</i>	37-41-27.767N 122-47-40.017W	Fl Y 2.5s		5	Yellow.	
<b>SAN DIEGO TO CAPE MENDOCINO (Chart 18020)</b>							
<b>SANTA CATALINA ISLAND (Chart 18757)</b>							
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 122-48-16.075W					Virtual AIS MMSI: 993692016
<b>POINT SUR TO SAN FRANCISCO (Chart 18680)</b>							
355	<b>Farallon Light</b>	37-41-57.105N 123-00-06.615W	Fl W 15s	358	14	White conical tower. 41	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>POINT SUR TO SAN FRANCISCO (Chart 18680)</b>							
357	NOAA Environmental Lighted Buoy 46026	37-45-14.002N 122-50-20.528W	Fl (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	<b>Mile Rocks Light</b>	37-47-34.171N 122-30-37.405W	Fl W 5s	49	14	On cylindrical structure with white and orange bands. 49	AIS MMSI: 993692039
370 4220	<b>Point Bonita Light</b>	37-48-56.132N 122-31-46.321W	Oc W 4s	124	18	White tower on building. 33	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
375	San Francisco North Traffic Lane Lighted Bell Buoy N	37-48-02.012N 122-47-55.055W	Fl Y 4s		5	Yellow.	
<b>SAN DIEGO TO CAPE MENDOCINO (Chart 18020)</b>							
<b>SANTA CATALINA ISLAND (Chart 18757)</b>							
376	San Francisco Approach Inbound Northern TSS V-AIS 1N	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
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
<b>POINT SUR TO SAN FRANCISCO (Chart 18680)</b>							
380	Noonday Rock Lighted Bell Buoy 28	37-47-35.394N 123-10-43.734W	Fl R 4s		4	Red	
381	Scripps Waverider Lighted Research Buoy 029	37-56-12.060N 123-27-46.500W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
<b>SAN FRANCISCO TO POINT ARENA (Chart 18640)</b>							
382	NOAA Environmental Lighted Buoy 46059	38-02-48.634N 129-58-09.047W	Fl (4)Y 20s			Yellow boat-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
385	<b>Point Reyes Light</b>	37-59-44.205N 123-01-23.413W	Fl W 5s	265	14	Cylindrical structure on top of square building. 37	HORN: 1 blast ev 30s (3s bl), operates continuously.
390	NOAA Environmental Buoy 46013	38-15-12.000N 123-18-12.000W	Fl (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	Fl R 6s		4	Red.	
415	Arena Cove Lighted Bell Buoy A	38-54-39.221N 123-43-35.029W	Mo (A) W		4	Red and white stripes with red spherical topmark.	
420	<b>Point Arena Light</b>	38-57-17.139N 123-44-26.214W	Fl W 15s	155	14	Light House 115	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>POINT ARENA TO TRINIDAD HEAD (Chart 18620)</b>							
430	<i>Albion River Lighted Whistle Buoy AR</i>	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	<i>NOAA Environmental Lighted Buoy 46014</i>	39-13-50.921N 123-58-27.430W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>SAN DIEGO TO CAPE MENDOCINO (Chart 18020)</b>							
448	<i>Dart Tsunami Warning Lighted Buoy Station 46411</i>	39-20-06.000N 127-04-12.000W	Fl (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration.
<b>POINT ARENA TO TRINIDAD HEAD (Chart 18620)</b>							
450	<b>Point Cabrillo Light</b>	39-20-54.905N 123-49-33.828W	Fl W 10s	81	22	Light House 47	Emergency light of reduced intensity when main light is extinguished.
455	<i>Noyo Approach Lighted Whistle Buoy NA</i>	39-25-55.083N 123-49-59.550W	Mo (A) W		4	Red and white stripes with red spherical topmark.	
465	<i>Point Delgada Lighted Whistle Buoy 36</i>	40-00-15.330N 124-04-51.966W	Fl R 6s		4	Red.	
470	Shelter Cove Entrance Bell Buoy 1	40-00-34.430N 124-03-35.464W				Green.	
478	<i>Scripps Waverider Lighted Research Buoy 094</i>	40-17-41.400N 124-43-54.600W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
485	<i>Blunts Reef Lighted Bell Buoy 40</i>	40-26-49.048N 124-29-56.772W	Fl R 2.5s		5	Red.	
490 8130	<i>Humboldt Bay Entrance Lighted Whistle Buoy HB</i>	40-46-24.085N 124-16-13.616W	Mo (A) W		4	Red and white stripes with red spherical topmark.	AIS: MMSI 993692035
500	<i>NOAA Environmental Lighted Buoy 46022</i>	40-44-53.000N 124-31-37.000W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
505	<i>Scripps Waverider Lighted Research Buoy 168</i>	40-53-45.660N 124-21-25.200W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
510	<i>NOAA Environmental Lighted Buoy 46006</i>	40-45-59.186N 137-22-45.995W	Fl (4)Y 20s		4	Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
515	Pilot Rock Gong Buoy 2	41-02-37.860N 124-09-20.707W				Red.	
520	Trinidad Harbor Bell Buoy 4	41-02-59.000N 124-08-37.656W				Red.	
<b>TRINIDAD HEAD TO CAPE BLANCO (Chart 18600)</b>							
525	<b>Trinidad Head Light</b>	41-03-06.869N 124-09-05.242W	Oc W 4s	193	14	Light House 25	Light obscured northward of 140°. HORN: 1 blast ev 30s (3s bl).
530	<i>Trinidad Head Lighted Whistle Buoy 42</i>	41-03-01.360N 124-10-24.446W	Fl R 6s		4	Red.	
535	Turtle Rocks Bell Buoy 44	41-08-10.529N 124-11-47.140W				Red.	
540	READING ROCK LIGHT	41-20-24.928N 124-10-43.137W	Fl W 4s	98	3	NR on house.	
545 8360	<i>Crescent City Harbor Lighted Whistle Buoy 2</i>	41-42-59.729N 124-11-47.956W	Fl R 6s		4	Red.	
550 8370	CRESCENT CITY ENTRANCE LIGHT	41-44-11.025N 124-11-27.741W	Fl W 5s	55	9	On post	HORN: 1 blast ev 10s (1s bl), operates continuously.
555	BATTERY POINT LIGHT	41-44-39.000N 124-12-11.000W	Fl W 30s			White two story structure.	Restored historic light. Private aid.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>TRINIDAD HEAD TO CAPE BLANCO (Chart 18600)</b>							
561	SAINT GEORGE REEF LIGHT	41-50-14.000N 124-22-32.000W	Fl W 12s	146		Gray tower on rock.	Restored historic light Private aid.
562	NOAA Environmental Lighted Buoy 46027	41-51-06.000N 124-22-48.000W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>OREGON - Thirteenth District</b>							
565 8595	Chetco River 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.
570	Pelican Bay Light	42-02-30.000N 124-15-45.000W	Fl (3)W 20s	141		White octagonal tower attached to building. 22	Private aid.
575 8650	Rogue 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.
580	Port Orford Entrance Lighted Buoy 1	42-43-17.536N 124-30-39.009W	Fl G 4s		4	Green.	
590	NOAA Environmental Lighted Buoy 46015	42-45-09.000N 124-50-37.000W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
595	Cape Blanco Light	42-50-13.301N 124-33-49.207W	Fl W 20s	245	26	White conical tower, with red roof and ball topmark. 59	Lighted throughout 24 hours.
<b>CAPE BLANCO TO YAQUINA HEAD (Chart 18580)</b>							
600 8675	Coquille River Entrance Lighted Whistle Buoy 2	43-08-07.757N 124-27-50.720W	Fl R 4s		4	Red.	
610	Baltimore Rock Lighted Buoy BR	43-21-17.242N 124-22-59.536W	Fl Y 4s		4	Yellow.	
612	OSU Cape Arago Research Lighted Buoy	43-18-00.000N 124-32-00.000W	Fl Y 4s			Yellow buoy.	Private aid.
613 8728	Scripps Institute Wave Recorder Lighted Buoy 46229/139	43-46-12.600N 124-32-54.720W	Fl (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
615 8730	Coos Bay Approach Lighted Whistle Buoy K	43-22-14.988N 124-23-05.553W	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 9260	UMPQUA RIVER 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.
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	Fl 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	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
645 9575	Yaquina Bay Approach Lighted Whistle Buoy Y	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>CAPE BLANCO TO YAQUINA HEAD (Chart 18580)</b>							
650	<b>Yaquina Head Light</b>	44-40-36.321N 124-04-46.054W	Fl (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. 93	Lighted throughout 24 hours.
651	<i>OSU Waldport Offshore Research Lighted Buoy</i>	44-22-15.000N 124-56-52.500W	Fl Y 4s			Yellow buoy.	Private aid.
651.5	<i>OSU Newport Shelf Research Lighted Buoy</i>	44-38-20.040N 124-18-13.680W	Fl Y 4s			Yellow buoy.	Private aid.
653	<i>OSU Nye Beach Research Lighted Buoy</i>	44-39-30.168N 124-05-44.592W	Fl Y 4s			Yellow buoy.	Private aid.
<b>YAQUINA HEAD TO COLUMBIA RIVER (CHART 18520)</b>							
655 9780	<i>Depoe Bay Approach Lighted Whistle Buoy DB</i>	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.
665	Cape Kiwanda Whistle Buoy CK	45-12-54.790N 123-59-55.242W				Yellow.	
680 9810	<i>Tillamook Bay Approach Lighted Whistle Buoy T</i>	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	<i>Seaside Research Lighted Buoy</i>	46-02-06.000N 124-14-36.000W	Fl Y 4s			Yellow.	Maintained from Apr 1 to Oct 1. Private aid.
687.8	<i>NOAA Environmental Lighted Buoy 46T29</i>	46-08-28.058N 124-34-28.084W	Fl (4)Y 20s			Yellow disk-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
688	<i>NOAA Environmental Lighted Buoy 46029</i>	46-09-48.000N 124-29-12.000W	Fl (4)Y 20s			Yellow disk-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
689	<i>NOAA Environmental Lighted Buoy 46089</i>	45-56-12.000N 125-47-36.000W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
690	<i>Columbia River Approach Lighted Whistle Buoy CR</i>	46-11-06.002N 124-11-01.354W	Mo (A) W		5	Red and white stripes.	RACON: M ( - - ) AIS: MMSI 993692023 (21). No topmark will be shown on this aid as required by IALA standards due to weather.
693	<i>CMOP Research Lighted Buoy</i>	46-10-24.000N 124-07-36.000W	Fl Y 4s			Yellow.	Maintained from Apr 1 to Oct 1. Private aid.
694	<i>Scripps Institute Wave Recorder Lighted Buoy 46243/162</i>	46-12-57.300N 124-07-41.280W	Fl (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
<b>WASHINGTON - Thirteenth District</b>							
<b>COLUMBIA RIVER TO DESTRUCTION ISLAND (Chart 18500)</b>							
695 9890	<b>Cape Disappointment Light</b>	46-16-32.844N 124-03-07.831W	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	<b>North Head Light</b>	46-17-56.078N 124-04-40.795W	Fl (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	<i>Scripps Institute Wave Recorder Lighted Buoy 46248/179</i>	46-08-00.180N 124-38-39.360W	Fl (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
718 15533	<i>Scripps Institute Wave Recorder Lighted Buoy 46211/036</i>	46-51-24.240N 124-14-37.800W	Fl (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
720 15530	<b>Grays Harbor Light</b>	46-53-17.597N 124-07-00.949W	Al 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. 33	Lighted throughout 24 hours.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>COLUMBIA RIVER TO DESTRUCTION ISLAND (Chart 18500)</b>							
725 15535	<i>Grays Harbor Approach Lighted Whistle Buoy GH</i>	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	<i>OSU Grays Canyon Research Lighted Buoy</i>	46-51-06.001N 124-58-00.012W	Fl Y 4s			Yellow buoy.	Private aid.
728	<i>OSU Westport Offshore Research Lighted Buoy</i>	46-51-06.000N 124-57-50.000W	Fl Y 4s			Yellow buoy.	Private aid.
728.5	<i>OSU Westport Shelf Research Lighted Buoy</i>	46-59-10.500N 124-33-58.620W	Fl Y 4s			Yellow buoy.	Private aid.
730	<i>OSU Copalis Head Research Lighted Buoy</i>	47-07-59.988N 124-16-17.760W	Fl Y 4s			Yellow buoy.	Private aid.
733	<i>NOAA Environmental Lighted Buoy 46041</i>	47-21-09.907N 124-44-29.678W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>APPROACHES TO STRAIT OF JUAN DE FUCA (Chart 18480)</b>							
740 16075	<i>Quillayute River Approach Lighted Whistle Buoy Q</i>	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	Fl 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).
756 16136	<i>Strait of Juan De Fuca Traffic Separation Lane Lighted Buoy JA</i>	48-29-35.212N 124-43-34.591W	Fl Y 2.5s		4	Yellow.	Aid maintained by National Oceanic and Atmospheric Administration.
760 16145	<b>Cape Flattery Light</b>	48-23-31.183N 124-44-13.015W	Fl (2)W 20s	112	14	On skeleton tower. 9	
763 16149	Duntze Rock V-AIS 2	48-24-48.435N 124-44-41.509W					Virtual AIS: MMSI 993692201 (21).
<b>SAN DIEGO TO ALEUTIAN ISLANDS AND HAWAIIAN ISLANDS (Chart 530)</b>							
765.1	<i>NOAA Environmental Lighted Buoy 46002</i>	42-36-09.678N 130-30-23.648W	Fl (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
765.2	<i>DART Tsunami Warning Lighted Buoy 46407</i>	42-42-18.011N 128-50-06.061W	Fl Y 4s			Yellow disc-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
765.4	<i>DART Tsunami Warning Lighted Buoy 46404</i>	45-50-54.011N 128-46-30.064W	Fl Y 4s			Yellow disc-shaped hull	Aid maintained by National Oceanic and Atmospheric Administration.
765.45	<i>DART Tsunami Warning Lighted Buoy 46452</i>	44-52-50.772N 125-52-14.162W	Fl Y 4s		3	Yellow conical shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
765.5	<i>NOAA Environmental Lighted Buoy 46005</i>	46-08-24.000N 131-04-12.000W	Fl (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
765.7	<i>DART Tsunami Warning Lighted Buoy 46419</i>	48-48-17.000N 129-36-58.000W	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>APPROACHES TO STRAIT OF JUAN DE FUCA (Chart 18480)</b>							
770 16140	<b>Carmanah Point Light (C)</b>	48-36-42.414N 124-45-04.866W	Fl W 5s	182	19	White octagonal tower with red top.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRITISH COLUMBIA</b>							
<b>JUAN DE FUCA TO QUEEN CHARLOTTE SOUND (Chart 17005)</b>							
780	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°.
785	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.	
790	<b>Cape Beale Light</b> (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. 32	
795	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.	
800	CHROW ISLANDS LIGHT (C)	48-49-06.013N 125-28-18.066W	FI W 4s	40	6	White circular tower.	
805	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.	
810	<b>Amphitrite Point Light</b> (C)	48-55-18.013N 125-32-30.066W	FI W 12s	50	16	White rectangular tower. 20	HORN: 1 blast ev 20s (2s bl).
820	<b>Lennard Island Light</b> (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-3s si-3s bl-51s si). Horn points 180° and 270°. Emergency light.
850	<b>Estevan Point Light</b> (C)	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. 100	HORN: 1 blast ev 60s (5s bl). Emergency light.
860	<b>Nootka Light</b> 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-3s 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	<b>Quatsino Island Light</b> (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	<b>Cape Scott Light</b> (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.
<b>QUEEN CHARLOTTE SOUND TO DIXON ENTRANCE (Chart 17008)</b>							
935	<b>Cape St. James Light</b> (C)	51-56-12.010N 131-00-54.072W	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRITISH COLUMBIA</b>							
<b>QUEEN CHARLOTTE SOUND TO DIXON ENTRANCE (Chart 17008)</b>							
975	IPHIGENIA POINT LIGHT (C)	54-11-24.009N 133-00-42.077W	Fl W 6s	31	6	Square skeleton tower.	
980	LANGARA POINT LIGHT (C)	54-15-24.009N 133-03-30.077W	Fl 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	57-56-51.286N 150-02-29.974W	Fl (4)Y 20s			Yellow Disc-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>ALASKA - Seventeenth District</b>							
<b>West Coast of North America - Dixon Entrance to Unimak Pass (Chart 500)</b>							
984	NOAA Data Lighted Buoy 46001	56-13-56.000N 147-56-57.000W	Fl (4)Y 20s			Yellow Disc-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.05	Dart Tsunami Warning Lighted Buoy 46414	53-43-32.000N 152-29-00.000W	Fl (4)Y 20s			Yellow Boat Shaped Hull	
984.1	NOAA Data Lighted Buoy 46066	52-45-53.000N 155-00-32.000W	Fl (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.15	NOAA Data Lighted Buoy 46085	55-53-00.000N 142-52-55.000W	Fl (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	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.3	NOAA Tsunami Warning Lighted Buoy 46402	50-58-42.000N 163-56-54.000W	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>Clarence Strait</b>							
<b>Bering Sea (Southern Part)(Chart 513)</b>							
984.4	NOAA Tsunami Warning Lighted Buoy 46408	49-39-59.000N 169-52-33.000W	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>ALASKA - Seventeenth District</b>							
<b>West Coast of North America - Dixon Entrance to Unimak Pass (Chart 500)</b>							
984.5	NOAA Tsunami Warning Lighted Buoy 46409	55-18-36.000N 148-33-00.000W	Fl (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	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>PACIFIC OCEAN - Seventeenth District</b>							
<b>ALEUTIAN ISLANDS (Chart 16012)</b>							
984.7	NOAA Tsunami Warning Lighted Buoy 46413	48-02-42.000N 173-55-00.000W	Fl (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	Fl (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	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>ALASKA - Seventeenth District</b>							
<b>DIXON ENTRANCE TO CAPE ST. ELIAS (Chart 16016)</b>							
985 24330	CAPE MUZON LIGHT	54-39-53.619N 132-41-33.924W	Fl W 6s	80	7	NR on spindle.	Obscured from 089° to 297°.
995	LOWRIE ISLAND LIGHT	54-51-37.371N 133-32-07.434W	Fl W 6s	61	8	NR on spindle.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>DIXON ENTRANCE TO CAPE ST. ELIAS (Chart 16016)</b>							
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	<b>Cape Decision Light</b>	56-00-05.245N 134-08-09.576W	FI W 5s	60	14	60	Obscured from 134° to 245°.
1025 23460	CAPE OMMANEY LIGHT	56-09-36.788N 134-39-40.041W	FI W 6s	195	8	NR on spindle.	Obscured from 061° to 293°.
1028	<i>NOAA Data Lighted Buoy 46084</i>	56-37-18.000N 136-06-06.000W	FI (4)Y 20s			Yellow Disc-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
1030 24910	CAPE EDGE CUMBE 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	FI R 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	<b>Cape Spencer Light</b>	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	<i>Sugarloaf Island Shoal Lighted Whistle Buoy 2</i>	58-17-22.886N 136-53-23.199W	FI R 6s		4		
1082	<i>NOAA Data Lighted Buoy 46083</i>	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	<i>Yakutat Bay Entrance Lighted Whistle Buoy 2</i>	59-31-59.128N 139-57-10.909W	FI R 2.5s		4	Red.	
1097	<i>NOAA Data Lighted Buoy 46082</i>	59-40-53.000N 143-22-20.000W	FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>CAPE ST. ELIAS TO SHUMAGIN ISLANDS (Chart 16013)</b>							
1100	<b>Cape St. Elias Light</b>	59-47-54.103N 144-35-55.913W	FI W 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	<i>Egg Island Lighted Whistle Buoy EI</i>	60-17-17.595N 145-43-12.037W	Mo (A) W		6	Red and white stripes.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>CAPE ST. ELIAS TO SHUMAGIN ISLANDS (Chart 16013)</b>							
1120 25480	EGG ISLAND LIGHT E	60-21-59.094N 145-45-18.871W	FI W 6s	33	9	NR on skeleton tower.	
1125	<b>Cape Hinchinbrook Light</b>	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	<i>NOAA Data Lighted Buoy 46061</i>	60-14-17.000N 146-49-58.000W	FI (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
1135 25520	<i>Seal Rocks Shoal Lighted Whistle Buoy 1</i>	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	LATAK 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	<i>Williams Reef Lighted Whistle Buoy 1</i>	57-50-16.591N 152-09-27.825W	FI G 4s		5	Green.	
1180 26850	<i>Humpback Rock Lighted Whistle Buoy 1</i>	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	<i>NOAA Data Lighted Buoy 46078</i>	55-33-22.000N 152-34-55.000W	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	<i>NOAA Data Lighted Buoy 46075</i>	53-58-08.000N 160-47-38.000W	FI (4)Y 20s			Yellow boat-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>BERING SEA - Seventeenth District</b>							
1198	<i>NOAA Data Lighted Buoy 46035</i>	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	<i>NOAA Data Lighted Buoy 46070</i>	55-00-30.000N 175-10-59.000E	FI (4)Y 20s			Yellow boat shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
1199	<i>NOAA Data Lighted Buoy 46073</i>	55-00-34.000N 172-00-07.000W	FI (4)Y 20s			Yellow disc-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>ALASKA - Seventeenth District</b>							
<b>ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011)</b>							
1200	HAGUE ROCK LIGHT	54-33-01.060N 162-24-04.932W	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011)</b>							
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.	
1255 27760	SMOKY POINT LIGHT	57-36-44.423N 157-41-25.964W	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.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011)</b>							
1345	CAPE RODNEY LIGHT	64-38-34.569N 166-23-47.216W	Fl W 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	Fl 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.
<b>CAPE PRINCE OF WALES TO POINT BARROW (Chart 16005)</b>							
1355	CAPE PRINCE OF WALES LIGHT	65-38-00.573N 168-07-09.281W	Fl W 4s	20	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1360	SHISHMAREF LIGHT	66-15-31.679N 166-02-24.684W	Fl W 4s	20	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1365	NORTHWEST CORNER LIGHT	66-34-50.008N 164-24-24.581W	Fl W 6s	75	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
<b>CALIFORNIA - Eleventh District</b>							
<b>APPROACHES TO SAN DIEGO BAY (CHART 18765)</b>							
<b>San Diego Bay</b>							
1483 11	<i>Pt Loma San Diego Research Buoy</i>	32-40-10.510N 117-19-22.710W	Fl Y 4s			Yellow Lighted Buoy with Aluminum Cage.	Private aid.
1485 10	<i>- Approach Lighted Whistle Buoy SD</i>	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	<i>- Approach Lighted Buoy 3</i>	32-38-13.207N 117-14-13.034W	Fl G 6s		4	Green.	
1493	<i>- Approach Lighted Bell Buoy 4</i>	32-38-02.013N 117-13-18.996W	Q R		4	Red.	
1495	<i>- Channel Lighted Buoy 5</i>	32-39-08.202N 117-13-38.175W	Fl G 2.5s		3	Green.	
<b>SAN DIEGO BAY (Chart 18773)</b>							
<b>San Diego Bay</b>							
1500	<i>- ENTRANCE RANGE FRONT LIGHT</i>	32-42-17.966N 117-14-00.951W	Q G	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.
1505	<i>- ENTRANCE RANGE REAR LIGHT</i> 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.
1510	<i>- Channel Lighted Buoy 6</i>	32-39-09.202N 117-13-29.175W	Fl R 4s		3	Red.	
1515	<i>- Channel Lighted Buoy 7</i>	32-39-54.200N 117-13-44.676W	Fl G 4s		4	Green.	
<b>Zuniga Jetty</b>							
1520	<i>- LIGHT Z</i>	32-40-00.798N 117-13-23.125W	Fl W 2.5s	28	6	NW labeled DANGER SUBMERGED JETTY on post.	HORN: 1 blast ev 10s (1s bl). Operates continuously.
1525	<i>- LIGHT Y</i>	32-40-15.156N 117-13-23.449W	Fl W 4s	18	6	NW labeled DANGER SUBMERGED JETTY on post.	
1530	<i>- LIGHT X</i>	32-40-29.040N 117-13-23.869W	Fl W 4s	18	6	NW labeled DANGER SUBMERGED JETTY on post.	
1535	<i>- LIGHT W</i>	32-40-41.916N 117-13-24.283W	Fl W 4s	18	6	NW labeled DANGER SUBMERGED JETTY on post.	
1540	<i>- LIGHT V</i>	32-40-54.768N 117-13-24.667W	Fl W 4s	17	6	NW labeled DANGER SUBMERGED JETTY on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN DIEGO BAY (Chart 18773)</b>							
<b>San Diego Bay</b>							
1545	- 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	FI R 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.	
1567	- SUBMERGED JETTY LIGHT E	32-41-12.162N 117-13-39.192W	FI W 2.5s	15	4	NW on pile labeled: DANGER SUBMERGED JETTY.	
1568	- SUBMERGED JETTY LIGHT M	32-41-10.602N 117-13-36.721W	FI W 4s	15	3	NW on pile labeled: DANGER SUBMERGED JETTY.	
1570	BALLAST 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	- Channel Lighted Buoy 14	32-41-44.197N 117-13-51.577W	Q R		3	Red.	
1590	- Channel Lighted Buoy 15	32-41-44.897N 117-13-59.178W	FI G 2.5s		3	Green.	
<b>Shelter Island Yacht Basin</b>							
1593	Shelter Island Lighted Buoy 2	32-42-16.152N 117-14-01.886W	FI (2)R 5s		3	Red.	
1594	SHELTER ISLAND WEST SHOAL LIGHT	32-42-21.150N 117-14-00.690W	F W	18		White sign labeled DANGER SHOAL, with orange border.	Private aid.
1595	SHELTER ISLAND WEST END LIGHT 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 Island Cove Lighted Buoy 6	32-42-31.000N 117-14-08.000W	FI R 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.
<b>San Diego North Island Shallow Water Habitat</b>							
1616	- LIGHT A	32-42-08.895N 117-13-33.481W	FI W 4s	15	4	NW labeled DANGER ROCKS on pile.	
1617	- Daybeacon B	32-42-12.209N 117-13-31.838W				NW labeled DANGER ROCKS on pile.	
1618	- Daybeacon C	32-42-14.478N 117-13-29.302W				NW labeled DANGER ROCKS on pile.	
1619	- LIGHT D	32-42-17.299N 117-13-26.571W	FI W 4s	15	4	NW labeled DANGER ROCKS on pile.	
<b>San Diego Bay</b>							
1620	- Channel Lighted Buoy 16	32-42-06.396N 117-13-45.277W	FI R 2.5s		3	Red.	
1625	- Channel Lighted Buoy 16A	32-42-22.696N 117-13-34.177W	Q R		3	Red.	
1630	- Channel Lighted Buoy 17	32-42-19.196N 117-13-47.078W	FI G 4s		4	Green.	
1635	NORTH ISLAND LIGHT NW	32-42-29.892N 117-13-11.593W	FI W 2.5s	23	4	NR on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN DIEGO BAY (Chart 18773)</b>							
<b>San Diego Bay</b>							
1645	- Channel Lighted Buoy 18	32-42-47.196N 117-13-02.176W	FI R 4s		3	Red.	
1650	- Channel Lighted Buoy 19	32-42-53.847N 117-13-06.336W	Q G		3	Green.	
<b>Americas Cup Harbor</b>							
1654	SHELTER ISLAND EAST SHOAL LIGHT	32-43-08.000N 117-13-04.460W	FI W 4s			White Sign Labeled DANGER SHOAL, with orange border.	Private aid.
1655	- Lighted Buoy 1	32-43-09.195N 117-13-02.176W	FI G 4s		4	Green can	
1662	- 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.
<b>San Diego Bay</b>							
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	Q W	20	3	NR on post on concrete platform.	
1710	- Channel Lighted Buoy 20	32-43-00.196N 117-12-24.975W	Q R		3	Red.	
1715	- Channel Lighted Buoy 21	32-43-08.595N 117-11-37.372W	Q G		3	Green.	
1720	Navy Lighted Mooring Buoy	32-43-16.200N 117-11-24.840W	FI W 4s			White with blue band.	Navy Maintained. Private aid.
<b>Harbor Island East Basin</b>							
1760	- 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.
<b>San Diego Bay</b>							
1810	- 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN DIEGO BAY (Chart 18773)</b>							
<b>San Diego Bay</b>							
1830	- Channel Lighted Buoy 22	32-42-31.297N 117-10-43.270W	FI R 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	FI R 4s		3	Red.	
1845	- Channel Lighted Buoy 26	32-40-59.901N 117-08-39.364W	FI R 4s		3	Red.	
1847	- Channel Lighted Buoy 26A	32-40-47.771N 117-08-19.888W	FI R 6s		3	Red.	
1850	TENTH AVENUE PIER NORTH LIGHT	32-42-03.000N 117-09-41.000W	F G	10		On pier.	Private aid.
1855	TENTH AVENUE PIER SOUTH LIGHT	32-41-47.000N 117-09-17.000W	F G	10		On pier.	Private aid.
1857	TENTH AVENUE MARINE TERMINAL LIGHT 5	32-41-43.740N 117-09-12.790W	F G	12		On pole.	Private aid.
1859	<b>SAN DIEGO-CORONADO BAY BRIDGE RACON T</b> West span, center of channel.	32-41-23.600N 117-09-11.310W					RACON: T ( - ) Private aid.
1860	<b>San Diego-Coronado Bay Bridge Fog Signal</b>	32-41-25.500N 117-09-08.900W				Bridge pier.	HORN (2): 1 blast ev 10s (1s bl). Simultaneously. Private aid.
1861	<b>SAN DIEGO-CORONADO BAY BRIDGE RACON C</b> East span, center of channel.	32-41-28.470N 117-09-06.560W					RACON: C ( - . - . ) Private aid.
<b>Glorietta Bay</b>							
1865	- 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	Q G	11		KRW on pile.	Visible all around.
1880	- CHANNEL RANGE REAR LIGHT On shore, 68 yards, 231.4° from front light.	32-40-33.819N 117-10-10.877W	Iso G 6s	20		KRW on pile.	Visible all around.
1885	- Channel Buoy 2	32-41-09.878N 117-09-22.110W				Red nun.	
1892	- Channel Buoy 5	32-40-33.960N 117-10-01.140W				Green can	Private aid.
1900	- Channel Lighted Buoy 8	32-40-41.188N 117-10-06.618W	Q R			Red.	Private aid.
<b>San Diego Bay</b>							
1980	- Channel Lighted Buoy 28	32-40-36.202N 117-08-00.662W	FI R 4s		3	Red.	
2005	- Channel Lighted Buoy 30	32-40-08.403N 117-07-39.661W	FI R 4s		3	Red.	
2010	- Channel Lighted Buoy 32	32-39-47.248N 117-07-34.200W	FI R 4s		3	Red.	
2014	- Wreck Buoy WR32A	32-39-31.100N 117-07-38.400W	Q R				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	F G	10			Private aid.
2035	- Channel Lighted Buoy 36	32-39-18.627N 117-07-27.327W	FI R 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	Q G		3	Green.	
2045	- Channel Lighted Buoy 40	32-38-42.905N 117-07-27.459W	FI R 4s		3	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN DIEGO BAY (Chart 18773)</b>							
<b>San Diego Bay</b>							
2052.1	- SPEED CONTROL LIGHT A	32-38-33.850N 117-07-37.830W	Fl W 4s	11			Private aid.
2052.2	- SPEED CONTROL LIGHT B	32-38-29.680N 117-07-45.780W	Fl W 4s	11			Private aid.
2052.3	- SPEED CONTROL LIGHT C	32-38-25.510N 117-07-53.730W	Fl W 4s	11		White sign with orange border on pile.	Private aid.
<b>Sweetwater Channel</b>							
2053	- LIGHT 2	32-38-46.210N 117-07-10.340W	Fl R 4s	11		TR on pile.	Private aid.
2054	- LIGHT 4	32-38-49.630N 117-07-01.820W	Fl R 4s	11		TR on pile.	Private aid.
2056	- LIGHT 6	32-38-52.110N 117-06-52.040W	Fl R 4s	11		TR on pile.	Private aid.
2058	- LIGHT 8	32-38-54.580N 117-06-44.050W	Fl R 4s	11		TR on pile.	Private aid.
<b>Coronado Cays Channel</b>							
2060	- LIGHT 1	32-38-20.300N 117-07-58.300W	Fl G 2.5s	8		SG on pile.	Private aid.
2065	- LIGHT 2	32-38-19.000N 117-08-00.500W	Fl 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	Q G	8		SG on pile.	Private aid.
2095	- LIGHT 8	32-38-00.100N 117-08-00.300W	Q R	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	Q R	8		TR on pile.	Private aid.
2105	- LIGHT 11	32-37-53.200N 117-07-50.500W	Q G	9		SG on pile.	Private aid.
2110	- LIGHT 13	32-37-49.900N 117-07-47.600W	Q G	14		SG on pile.	Private aid.
<b>Chula Vista Channel</b>							
2159	- SHOAL LIGHT A	32-38-43.200N 117-07-19.200W	Fl 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	Fl W 4s	11		Diamond-shaped dayboard labeled DANGER SHOAL on pile.	Private aid.
2160	- LIGHT 2	32-38-38.990N 117-07-28.110W	Fl R 4s	7		TR on pile.	Private aid.
2165	- LIGHT 3	32-38-32.540N 117-07-20.670W	Fl G 4s	6		SG on pile.	Private aid.
2170	- LIGHT 4	32-38-30.880N 117-07-25.780W	Fl R 4s	7		TR on pile.	Private aid.
2175	- LIGHT 5	32-38-21.410N 117-07-15.860W	Fl G 4s	7		SG on pile.	Private aid.
2180	- LIGHT 6	32-38-19.870N 117-07-21.590W	Fl R 4s	7		TR on pile.	Private aid.
2185	- LIGHT 7	32-38-12.300N 117-07-12.130W	Fl G 2.5s	7		SG on pile.	Private aid.
2190	- LIGHT 8	32-38-08.770N 117-07-17.560W	Fl R 2.5s	7		TR on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN DIEGO BAY (Chart 18773)</b>							
<b>San Diego Bay</b>							
<b>Chula Vista Channel</b>							
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	FI R 4s	7		TR on pile.	Private aid.
2207	- LIGHT 11	32-38-09.950N 117-06-49.610W	Q G	7		SG on pile.	Private aid.
2210	- LIGHT 12	32-38-07.110N 117-06-52.540W	Q R	10		TR on pile.	Private aid.
2215	- 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	FI R 4s	7		TR on pile.	Private aid.
2240	- LIGHT 18	32-37-38.690N 117-06-36.310W	FI R 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	FI R 4s	10		TR on pile.	Private aid.
2262	- LIGHT 22A	32-37-20.400N 117-06-21.310W	Q R	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	FI R 4s	18		On post.	Private aid.
<b>APPROACHES TO SAN DIEGO BAY (CHART 18765)</b>							
<b>Mission Bay</b>							
2275 25	- 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	FI R 4s	26	4	TR on pole.	
2288	<i>Scripps Waverider Lighted Research Buoy 220</i>	32-45-05.700N 117-30-02.700W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
2288.8 38	<i>Scripps Waverider CDIP Lighted Research Buoy 201</i>	32-52-04.260N 117-16-00.000W	FI (5)Y 20s			Yellow Sphere w/ Whip Antenna	Private aid.
2289.1	<i>Scripps Waverider Lighted Research Buoy 100</i>	32-55-58.800N 117-23-26.600W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
2289.3	<i>Scripps Del Mar Lighted Research Buoy</i>	32-55-37.000N 117-18-54.000W	FI Y 4s				Private aid.
<b>GULF OF SANTA CATALINA (Chart 18774)</b>							
2289.4	<i>Scripps "CORDC" Lighted Research Buoy</i>	32-54-09.000N 117-24-30.000W	FI Y 4s			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
<b>CALIFORNIA - Eleventh District</b>							
<b>GULF OF SANTA CATALINA (Chart 18774)</b>							
2289.5	<i>Scripps Waverider Lighted Research Buoy 045</i>	33-10-40.400N 117-28-19.800W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
2289.6	<i>Scripps Waverider Lighted Research Buoy 043</i>	33-13-11.400N 117-26-22.200W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
<b>Oceanside</b>							
2290	- <i>Approach Lighted Whistle Buoy OC</i>	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	Fl G 2.5s	30	5	SG on pile.	
2296 45	- SOUTH JETTY LIGHT 2	33-12-21.745N 117-23-58.598W	Fl 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	- <i>Junction Lighted Buoy</i>	33-12-28.432N 117-24-06.227W	Fl (2+1)G 6s		4	Green and red bands.	
2305	- <i>Harbor Lighted Buoy 3</i>	33-12-29.546N 117-24-01.379W	Fl G 4s		4	Green.	
2310	- LIGHT 4	33-12-26.089N 117-23-59.126W	Q R	26	4	TR on pile.	
2315	- <i>Lighted Buoy 5</i>	33-12-30.329N 117-23-51.267W	Fl 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	Fl G 4s	28	4	SG on pile.	
<b>Del Mar Boat Basin</b>							
2345	- Buoy 1	33-12-34.088N 117-24-16.178W				Green can.	
2350	- <i>Lighted Buoy 2</i>	33-12-35.542N 117-24-13.192W	Fl (2)R 5s		3	Red nun.	
2360	- Buoy 4	33-12-42.241N 117-24-15.792W				Red nun.	
2365	- <i>Lighted Buoy 5</i>	33-12-46.989N 117-24-17.900W	Fl 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.	
<b>San Onofre</b>							
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.
<b>SAN PEDRO CHANNEL (CHART 18746)</b>							
<b>Dana Point</b>							
2387	- <i>Lighted Buoy 1</i>	33-27-05.324N 117-41-54.309W	Fl G 2.5s		3	Green.	
2390	- <i>Lighted Buoy 2</i>	33-27-12.114N 117-41-17.235W	Fl R 2.5s		3	Red.	
2395	- BREAKWATER LIGHT 3	33-27-15.703N 117-41-29.625W	Fl 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	Fl R 4s	28	5	TR on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN PEDRO CHANNEL (CHART 18746)</b>							
<b>Anaheim Bay</b>							
2405	Dana Point Harbor Daybeacon 6	33-27-24.000N 117-41-40.000W				TR on pile.	Private aid.
2410	Dana Point Harbor Daybeacon 8	33-27-26.000N 117-41-48.000W				TR on pile.	Private aid.
2415	Dana Point Harbor Daybeacon 10	33-27-28.000N 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.
2425	Dana Point Harbor Daybeacon 14	33-27-32.000N 117-42-12.200W				TR on pile.	Private aid.
2430	<i>San Juan Rocks Lighted Whistle Buoy 2SJR</i>	33-27-18.115N 117-43-15.240W	FI R 2.5s		4	Red.	
<b>NEWPORT BAY (Chart 18754)</b>							
<b>Newport Bay</b>							
<i>Anchorage buoys maintained from May 15 to Sept. 15.</i>							
2435	<i>Newport Harbor Entrance Lighted Bell Buoy NWP</i>	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	FI R 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	FI R 4s	18	4	TR on pile.	
2460	- <i>Channel Lighted Buoy 8</i>	33-36-05.253N 117-53-14.319W	FI R 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	- <i>Channel Lighted Buoy 11</i>	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.	
<b>SAN CLEMENTE ISLAND (Chart 18762)</b>							
2525	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.
<b>Wilson Cove</b>							
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.
<b>SAN CLEMENTE ISLAND (Chart 18762)</b>							
2575	SAN 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.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN NICOLAS ISLAND (Chart 18755)</b>							
<b>San Nicolas Island</b>							
2590	- EAST END LIGHT	33-13-47.123N 119-26-07.430W	Fl 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	Fl (5)Y 20s			Yellow	Navy Maintained. Private aid.
2597	PMSR SURV BUOY SCI/SNI	33-21-45.000N 119-35-45.600W	Fl Y 2s			35" diameter yellow buoy with 30"mast.	Private aid.
<b>SANTA CATALINA ISLAND (Chart 18757)</b>							
2605	SANTA CATALINA ISLAND EAST END LIGHT	33-18-06.984N 118-19-03.470W	Fl 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	Fl W 4s			White with blue band.	Private aid.
2606.2	Quarry South Outer Lighted Mooring Buoy	33-18-47.295N 118-17-57.448W	Fl W 4s			White with blue band.	Private aid.
2615	AVALON BAY LIGHT 1	33-20-42.379N 118-19-19.317W	Fl G 2.5s	30	5	SG on post.	
2620	AVALON BAY LIGHT 2	33-20-54.216N 118-19-26.096W	Fl R 4s	30	4	TR on post.	
2625	LONG POINT LIGHT	33-24-22.790N 118-21-59.447W	Fl W 6s	71	9	On post.	Obscured from 021° to 070°.
2630	CATALINA HARBOR LIGHT	33-25-24.144N 118-30-50.084W	Fl 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	Fl W 4s	75	5	On Post.	
2641	ISTHMUS COVE HARBOR REEFS LIGHT	33-26-51.102N 118-29-23.294W	Fl W 2.5s	21	5	NW on post.	
2645	Isthmus Cove North Entrance Lighted Buoy 1	33-26-56.908N 118-29-36.334W	Fl 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	Fl 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
<b>SANTA BARBARA ISLAND (Chart 18756)</b>							
2675	SANTA BARBARA ISLAND LIGHT	33-29-14.547N 119-01-48.930W	Fl W 5s	195	9	On post.	Visible from 089° to 353°, partially obscured by hills elsewhere.
<b>SANTA CRUZ CHANNEL (Chart 18728)</b>							
2755	SOUTH POINT LIGHT	33-53-50.442N 120-07-08.163W	Fl 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	F R	16			Pier light. Private aid.
2761	SANTA ROSA ISLAND PIER LIGHT (B)	34-00-31.000N 120-02-49.000W	F R	16			Pier light. Private aid.
2762	SANTA ROSA ISLAND PIER LIGHT (C)	34-00-30.900N 120-02-48.800W	F R	16			Pier light. Private aid.
<b>Humboldt Bay</b>							
<b>ANACAPA PASSAGE (Chart 18729)</b>							
<b>San Pedro East Channel</b>							
2764.1	Catalina Sea Ranch Nomad Buoy	33-36-28.000N 118-06-28.000W	Fl Y 4s				Private aid.
2764.2	Catalina Sea Ranch NW Buoy	33-36-49.000N 118-06-28.000W	Fl Y 4s				Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Humboldt Bay</b>							
<b>ANACAPA PASSAGE (Chart 18729)</b>							
<b>San Pedro East Channel</b>							
2764.3	Catalina Sea Ranch NE Buoy	33-36-49.000N 118-06-04.000W	FI Y 4s				Private aid.
2764.4	Catalina Sea Ranch SE Buoy	33-36-28.000N 118-06-04.000W	FI Y 4s				Private aid.
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN PEDRO BAY (Chart 18749)</b>							
<b>Anaheim Bay</b>							
2770	- Entrance Lighted Bell Buoy 1 50 feet outside channel limit.	33-43-00.227N 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	Q R		3	Red.	
2780	- RANGE FRONT LIGHT	33-44-12.888N 118-05-32.304W	Q G	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	33-43-51.167N 118-05-55.131W				Green.	
2815	- Channel Buoy 8	33-43-43.152N 118-05-54.023W				Red.	
2820	- CHANNEL LIGHT 9	33-44-06.354N 118-05-42.881W	FI G 4s	15	4	SG on pile.	
2825	- CHANNEL LIGHT 10	33-44-03.223N 118-05-37.874W	FI R 4s	15	4	TR on dolphin.	
2826	- CHANNEL LIGHT 11	33-44-02.857N 118-05-34.028W	FI G 2.5s	19	4	SG on pile.	
2827	- CHANNEL LIGHT 13	33-44-00.010N 118-05-27.985W	FI G 4s	15	3	SG on pile.	
2829	- CHANNEL LIGHT 17	33-43-56.080N 118-05-19.490W	Q G	15	3		SG on pile.
<b>Alamitos Bay</b>							
2830	- EAST JETTY LIGHT 2	33-44-11.277N 118-07-13.193W	FI R 2.5s	25	5	TR on Pile.	
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.
<b>SAN PEDRO BAY (Chart 18749)</b>							
2845	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN PEDRO BAY (Chart 18749)</b>							
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.
<b>LOS ANGELES AND LONG BEACH HARBORS (Chart 18751)</b>							
2848	Harbor Bait Barge Lighted Mooring Buoy "LB"	33-43-30.000N 118-08-19.000W	FI W 4s			White with blue band.	Private aid.
<b>SAN PEDRO BAY (Chart 18749)</b>							
2856	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.
<b>LOS ANGELES AND LONG BEACH HARBORS (Chart 18751)</b>							
2885	SHORELINE MARINA JETTY LIGHT	33-45-38.064N 118-10-51.243W	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	FI R 4s	4		On post.	Private aid.
2900	SHORELINE MARINA ENTRANCE LIGHT EAST	33-45-31.064N 118-10-58.243W	Q R	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	F R	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	FI R 6s	31		On post.	Private aid.
2965	CATALINA LANDING WEST LIGHT	33-45-42.000N 118-12-00.000W	F G	27		On post.	Private aid.
2980	QUEEN MARY CRUISE TERMINAL SOUTH LIGHT	33-44-58.800N 118-11-13.600W	FI W 4s	20		On post.	Private aid.
2985	QUEEN MARY CRUISE TERMINAL NORTH LIGHT	33-45-10.800N 118-11-13.600W	Q W	20		On post.	Private aid.
3006	LONG BEACH HARBOR PIER J LIGHT J	33-43-59.197N 118-11-07.880W	FI W 4s	32	5	NR on post.	
3007	Long Beach Channel Pier J Lighted Buoy 2	33-44-26.503N 118-10-37.680W	FI R 4s		4	Red.	
3008	LONG BEACH HARBOR PIER J JETTY LIGHT 3	33-44-11.313N 118-10-55.450W	FI G 2.5s	25	5	SG on pole.	
3009	LONG BEACH HARBOR PIER J LIGHT 4	33-44-17.913N 118-10-56.150W	FI R 2.5s	25	5	TR on pole.	
<b>Downtown Marina</b>							
3009.1	PIER J SOUTH FRONT RANGE LIGHT	33-44-13.920N 118-11-41.640W	F G	64			On Cosco Building. Private aid.
3009.2	PIER J SOUTH REAR RANGE LIGHT	33-44-13.920N 118-11-46.680W	F G	80			On 74ft tower. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>LOS ANGELES AND LONG BEACH HARBORS (Chart 18751)</b>							
<b>Long Beach Channel</b>							
3010	- Approach Lighted Whistle Buoy LB	33-41-24.013N 118-11-01.050W	Mo (A) W		5	Red and white stripes.	RACON: C ( - . - . ) AIS: MMSI 993692036
3011	Scripps Waverider Lighted Research Buoy 215	33-42-01.200N 118-12-02.400W	Fl (5)Y 20s				Private aid.
3012 125	<b>Long Beach Light</b>	33-43-23.497N 118-11-12.590W	Fl W 5s	50	14	NG on a white building with columnar base. 42	HORN: 1 blast ev 30s (3s bl), operates continuously.
3015	- ENTRANCE LIGHT 2	33-43-23.593N 118-10-50.072W	Fl R 2.5s	41	5	TR on pile.	
3016	LONG BEACH APPROACH CHANNEL RANGE FRONT LIGHT	33-44-05.450N 118-11-05.501W	Iso R 2s	30		KRW on pile.	Visible 1.5° each side of the rangeline. Lighted throughout 24 hours.
3017	LONG BEACH APPROACH CHANNEL RANGE REAR LIGHT 573 yards, 355.3° from front light.	33-44-22.396N 118-11-07.178W	Iso R 6s	59		KRW on pile.	Visible 1.5° each side of the rangeline. Lighted throughout 24 hours.
3020	- Lighted Buoy 3	33-43-36.382N 118-11-31.699W	Fl G 4s		4	Green.	
3021	- LIGHT 4	33-43-58.843N 118-11-44.714W	Fl R 4s	30	4	TR on post.	
3022	- LIGHT 6	33-44-11.161N 118-12-08.348W	Fl R 6s	30	5	TR on post.	
3023	- LIGHT 8	33-44-19.303N 118-12-17.288W	Fl R 2.5s	26	5	TR on post.	
3024	LONG BEACH PIER F LIGHT F	33-44-25.351N 118-12-24.098W	Iso W 6s	25	5	NR on post.	
3026	- LIGHT 9	33-44-40.020N 118-13-03.100W	Fl G 2.5s	26	5	SG on post.	
3027	- LIGHT 10	33-44-47.039N 118-12-55.848W	Fl 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 LIGHT	33-44-51.066N 118-12-56.948W	F W	18		On pile.	Private aid.
3035	- LIGHT 12	33-45-26.761N 118-12-58.676W	Fl R 2.5s	20	5	TR on post.	
3040	SOUTHEAST BASIN ENTRANCE LIGHT 1	33-44-26.185N 118-12-22.586W	Q G	14	4	SG on post.	
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°).	Fl R (158.5° - 159°) F R (157° - 158.5°) Al WR (156.5° - 157°) F W (156.5°) Al WG (156.5° - 156.5°) F G (154.5° - 156°) Fl 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°).	Fl R (334° - 334.5°) F R (334.5° - 335.5°) Al WR (335.5° - 336.5°) F W (336.5°) Al WG (336.5° - 337.5°) F G (337.5° - 338.5°) Fl G (338.5° - 339°) Private aid.
3085	INNER HARBOR INTAKE SOUTH LIGHT	33-45-57.065N 118-13-20.250W	Q W	7		On deck of pier.	Private aid.
3090	INNER HARBOR INTAKE NORTH LIGHT	33-45-59.065N 118-13-21.250W	Q W	7		On deck of pier.	Private aid.
<b>Los Angeles Harbor</b>							
3096	- Connolly Mooring Buoy LA-1	33-43-51.000N 118-14-03.000W				White with blue band.	Private aid.
3097	- Connolly Mooring Buoy LA-2	33-43-58.000N 118-14-06.000W				White with blue band.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>LOS ANGELES AND LONG BEACH HARBORS (Chart 18751)</b>							
<b>Los Angeles Harbor</b>							
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.
<b>Los Angeles Approach Channel</b>							
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	Q G		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	FI R 4s		4	Red.	
3110 135	<b>Los Angeles Light</b>	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.
<b>Los Angeles Main Channel</b>							
3115	- 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	Q R		4	Red.	
3122	- RANGE FRONT LIGHT	33-43-09.711N 118-16-17.158W	Q Y	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.	
<b>Terminal Island Channel</b>							
3127.1	PIER 400 LIGHT A	33-43-10.176N 118-14-02.461W	FI W 2.5s	15	5	NW on post.	
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.	
<b>Los Angeles Main Channel</b>							
3128	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.	
<b>Terminal Island Channel</b>							
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	Q G		4	Green.	
<b>Los Angeles Main Channel</b>							
3145	- 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>LOS ANGELES AND LONG BEACH HARBORS (Chart 18751)</b>							
<b>Los Angeles East Basin Channel</b>							
3165	- 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	FI R 4s	15	5	TR on pile.	
3175	- Buoy 4	33-46-21.121N 118-14-55.394W				Red nun.	
<b>Cerritos Channel</b>							
3180	- Lighted Buoy 1	33-45-47.580N 118-15-06.304W	FI G 4s		4	Green.	
<b>Los Angeles Outer Harbor</b>							
3185	- 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.
<b>Fish Harbor</b>							
3225	- 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	FI R 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.	
<b>San Pedro West Channel</b>							
3279	- LIGHT 4	33-42-49.558N 118-16-24.211W	FI R 4s	42	5	TR on post.	
3290	CABRILLO BEACH LAUNCH RAMP LIGHT NORTH	33-42-49.000N 118-16-58.000W	FI W 4s	11		On post.	Private aid.
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.
<b>SANTA MONICA BAY (Chart 18744)</b>							
3325	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	FI R 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	33-51-19.300N 118-38-03.800W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
<b>King Harbor</b>							
3337	- Channel Buoy 1	33-50-27.053N 118-23-41.268W				Green can.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SANTA MONICA BAY (Chart 18744)</b>							
<b>King Harbor</b>							
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	Fl W 5s	165		On generation station.	Private aid.
3340	- MOLE LIGHT	33-50-38.000N 118-23-47.000W	F R	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 118-23-55.268W	F G	5		On post.	Private aid.
3350	- PORTOFINO LIGHT 2	33-50-48.053N 118-23-53.268W	F R	5		On post.	Private aid.
3352	- Channel Buoy 5	33-50-45.053N 118-23-57.268W				Green can.	Private aid.
3353	- Channel Buoy 6	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	F R	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	<b>Hermosa Beach Pier Fog Signal</b>	33-51-41.051N 118-24-19.270W					HORN: 1 blast ev 15s (2s bl). Private aid.
<b>El Segundo</b>							
3380	- <i>Lighted Bell Buoy 2ES</i>	33-54-42.000N 118-27-32.000W	Fl R 4s			Red.	Private aid.
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	Fl W 2.5s	24		NR on pile.	Private aid.
3420	<i>Hyperion Lighted Gong Buoy 10 ES</i>	33-55-13.400N 118-26-30.300W	Q R			Red.	Private aid.
<b>Hyperion</b>							
3425	- Outfall Buoy 12ES	33-55-05.045N 118-26-54.277W				Red nun.	Private aid.
<b>Marina del Rey</b>							
3445	- BREAKWATER SOUTH LIGHT 1	33-57-30.075N 118-27-37.802W	Fl G 6s	30	5	SG on post.	
3450	- BREAKWATER NORTH LIGHT 2	33-57-48.704N 118-27-51.822W	Fl R 6s	23	4	TR on post.	
3455	- LIGHT 3	33-57-46.114N 118-27-42.512W	Fl G 4s	45	5	SG on post.	Obscured 151° to 331°. HORN: 1 blast ev 30s (2s bl-2s si-26s si). 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	Fl R 4s	45	4	TR on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SANTA MONICA BAY (Chart 18744)</b>							
<b>Marina del Rey</b>							
3465	- PIER LIGHT	33-58-12.487N 118-26-48.621W	FI R 4s	15	5	NR on post.	
<b>Santa Monica</b>							
3555	- Pier Fog Signal	34-00-26.900N 118-29-58.700W					Horn: 1 blast ev 20s. Private aid.
<b>PORT HUENEME TO SANTA BARBARA (Chart 18725)</b>							
<b>Port Hueneme</b>							
3585 190	- 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 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.
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	Q R	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	FI R 4s		4	Red.	
<b>Channel Islands Harbor</b>							
3630	- 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	FI R 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	<i>Scripps Waverider Lighted Research Buoy 111</i>	34-10-02.400N 119-26-06.000W	FI (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
<b>Ventura Marina</b>							
3675	- 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.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>PORT HUENEME TO SANTA BARBARA (Chart 18725)</b>							
<b>Ventura Marina</b>							
3700	- SOUTH JETTY LIGHT 6	34-14-46.374N 119-16-12.969W	FI R 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.
<b>Santa Barbara Harbor</b>							
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	- <i>Lighted Bell Buoy SB</i>	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	- <i>Lighted Buoy 3</i>	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	FI R 6s	25	5	TR on post.	
3767	SANTA BARBARA BREAKWATER EXTENSION LIGHT	34-24-27.948N 119-41-16.312W	FI W 4s	20	5	NG on post.	
3770	- <i>Lighted Buoy 5</i>	34-24-26.078N 119-41-09.775W	FI G 4s		3	Green.	Buoy may be frequently relocated due to changing conditions.
3772	- <i>Lighted Buoy 6</i>	34-24-31.037N 119-41-09.508W	FI R 2.5s		3	Red.	Buoy may be frequently relocated due to changing conditions.
3775	- <i>Lighted Buoy 7</i>	34-24-29.604N 119-41-12.298W	FI G 6s		4	Green.	Buoy may be frequently relocated due to changing conditions.
3780	- <i>Lighted Buoy 8</i>	34-24-33.119N 119-41-12.628W	FI R 6s		3	Red.	Buoy may be frequently relocated due to changing conditions.
3785	- <i>Lighted Buoy 11</i>	34-24-30.757N 119-41-16.630W	Q G		3	Green.	Buoy may be frequently relocated due to changing conditions.
3790	- <i>Lighted Buoy 10</i>	34-24-32.836N 119-41-16.574W	FI R 4s		3	Red.	Buoy may be frequently relocated due to changing conditions.
3792	- <i>Lighted Buoy 12</i>	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	Q R	15	4	TR on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>ESTERO BAY (Chart 18703)</b>							
<b>Port San Luis</b>							
3815	- 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	FI R 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	FI R 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: 1 blast ev 30s (3s bl), operates continuously.
<b>Morro Bay Channel</b>							
3840	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	FI R 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	FI R 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	35-22-06.477N 120-51-49.517W	FI R 6s		4	Red.	Buoy may be frequently relocated due to changing conditions.
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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>ESTERO BAY (Chart 18703)</b>							
<b>Morro Bay Channel</b>							
3877	MORRO BAY ROUGH BAR WARNING LIGHT	35-22-15.372N 120-51-31.588W	Q Y	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	FI R 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.	
<b>Estero Bay</b>							
3955	Mouse Rock Bell Buoy 3MR	35-26-18.916N 120-54-31.507W				Green.	
3960	Constantine Rock Buoy 1CR	35-26-08.654N 120-56-48.239W				Green can.	
<b>MONTEREY BAY (Chart 18685)</b>							
<b>Monterey</b>							
<b>Santa Cruz</b>							
3964	<i>Scripps Waverider Lighted Research Buoy 158</i>	36-37-34.500N 121-54-25.560W	FI (5)Y 20s			Yellow sphere with whip antenna	Private aid.
3965	<i>Monterey Bay Lighted Bell Buoy 4</i>	36-37-28.546N 121-53-45.419W	FI R 4s		4	Red.	
3970	MONTEREY HARBOR LIGHT 6	36-36-30.542N 121-53-22.947W	Oc R 4s	20	6	TR on pile.	HORN: 1 blast ev 30s (3s bl).
<b>Monterey Harbor</b>							
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	FI R 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	FI R 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	FI R 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 Marker Buoy W	36-36-19.800N 121-53-18.300W	FI Y 4s			Yellow.	Private aid.
3975.2	- Mooring Area Lighted Marker Buoy X	36-36-19.800N 121-53-13.080W	FI Y 4s			Yellow.	Private aid.
3975.3	- Mooring Area Lighted Marker Buoy Y	36-36-12.120N 121-53-19.740W	FI Y 4s			Yellow.	Private aid.
3975.4	- Mooring Area Lighted Marker Buoy Z	36-36-10.500N 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
<b>CALIFORNIA - Eleventh District</b>							
<b>MONTEREY BAY (Chart 18685)</b>							
<b>Moss Landing</b>							
3990	- Harbor Entrance Lighted Bell Buoy MLA	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	Q G	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	Fl 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	Fl R 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	Fl 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.	
<b>Santa Cruz</b>							
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.
<b>Monterey</b>							
<b>Santa Cruz</b>							
4082	UCSD CDIP Wave Buoy 254	36-56-04.000N 122-02-02.000W	Fl (5)Y 20s				Private aid.
<b>Santa Cruz</b>							
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	Fl R 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.
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	Fl 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>HALF MOON BAY (Chart 18682)</b>							
4125	<i>Southeast Reef Southern End Lighted Gong Buoy 1S</i>	37-27-52.901N 122-28-11.003W	FI G 6s		5	Green.	
<b>Pillar Point Harbor</b>							
4130	- Entrance Lighted Gong Buoy 1	37-29-10.422N 122-30-21.959W	FI G 2.5s		4	Green.	
4135	- Entrance Lighted Buoy 2	37-28-22.251N 122-29-02.835W	FI R 4s		4	Red.	
4140	- Entrance Lighted Bell Buoy 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	FI R 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.
<b>GULF OF THE FARALLONES (Chart 18645)</b>							
<b>Gulf of the Farallones</b>							
4155	<i>Colorado Reef Lighted Buoy 26</i>	37-32-10.035N 122-33-09.066W	FI R 2.5s		4	Red.	
<b>ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)</b>							
<b>San Francisco Main Ship Channel</b>							
4160	- Lighted Bell Buoy 1	37-46-11.197N 122-37-55.998W	Q G		5	Green.	AIS: 993699998
4165	- Lighted Whistle Buoy 2	37-45-48.020N 122-37-44.551W	Q R		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	FI R 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	FI R 6s		4	Red.	
4187	<i>Scripps Waverider Lighted Research Buoy 142</i>	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.	
<b>DRAKES BAY (Chart 18647)</b>							
4200	<i>Drakes Bay Lighted Whistle Buoy 1</i>	37-58-57.753N 122-57-21.042W	FI G 6s		5	Green.	
4205	<i>Duxbury Reef Lighted Buoy 1DR</i>	37-51-36.600N 122-41-43.479W	FI G 6s		5	Green.	
<b>ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)</b>							
<b>Bonita Channel</b>							
4220 370	<b>Point Bonita Light</b>	37-48-56.132N 122-31-46.321W	Oc W 4s	124	18	White tower on building. 33	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	FI R 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.	

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<b>CALIFORNIA - Eleventh District</b>							
<b>ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)</b>							
4240	<i>Four Fathom Bank Lighted Bell Buoy</i>	37-48-45.767N 122-32-27.663W	Fl (2+1)R 6s		4	Red and green bands.	
4245 365	<b>Mile Rocks Light</b>	37-47-34.171N 122-30-37.405W	Fl W 5s	49	14	On cylindrical structure with white and orange bands. 49	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.
<b>Golden Gate Bridge</b>							
4255	- Buoy 2	37-48-46.517N 122-28-49.579W				Red.	
4260	- SOUTH PIER LIGHT	37-48-51.600N 122-28-39.860W	Fl R 15s				HORN(2): Sound simultaneously 1 blast ev 20s (2s bl). Private aid.
4262	- <b>RACON G</b> Mid-span, center of channel.	37-49-11.030N 122-28-42.870W					RACON: G ( - - . ) Private aid.
4265	- <b>Midchannel Fog Signal</b>	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	Fl W 4s	15	8	On post.	
<b>San Francisco Bay</b>							
4280	YELLOW BLUFF LIGHT	37-50-11.516N 122-28-19.988W	Fl W 6s	75	7	NR on single pile.	
4285	PRESIDIO SHOAL LIGHT 2	37-48-26.755N 122-27-38.754W	Fl R 2.5s	15	3	TR on pile.	
4290	ANITA ROCK LIGHT	37-48-29.974N 122-27-12.774W	Q W	20	4	NR on cylindrical structure.	
4300	SAN FRANCISCO WEST YACHT HARBOR LIGHT 2	37-48-31.742N 122-26-23.897W	Q R	21		TR on post	Private aid.
<b>ENTRANCE TO SAN FRANCISCO BAY (CHART 18649)</b>							
<b>San Francisco Bay</b>							
4303	San Francisco Marina West Basin Light 1	37-48-30.400N 122-26-22.100W	Fl 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	Fl R 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	Fl 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	Fl W 5s	9		On post.	Private aid.
<b>ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)</b>							
<b>San Francisco Bay</b>							
4305	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	37-48-38.276N 122-25-25.151W	Fl G 4s	18	4	SG on post.	
4307	FISHERMANS WHARF BREAKWATER LIGHT A	37-48-40.398N 122-25-21.535W	Fl Y 2.5s	21	4	On post.	
4308	FISHERMANS WHARF BREAKWATER LIGHT B	37-48-42.414N 122-25-16.438W	Fl Y 2.5s	21	4	On post.	
4309	FISHERMANS WHARF BREAKWATER LIGHT 2	37-48-43.206N 122-25-11.353W	Fl R 2.5s	21	3	TR on post.	
4310	<i>Alcatraz Lighted Bell Buoy "AZ"</i>	37-49-39.618N 122-25-41.513W	Fl (2+1)G 6s		4	Green and red bands.	
4315	<b>Alcatraz Light</b>	37-49-34.424N 122-25-19.710W	Fl W 5s	214	20	Gray octagonal tower. 84	Emergency light of lower intensity when main light is extinguished.
4325	<b>Alcatraz North Fog Signal</b>	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.

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<b>CALIFORNIA - Eleventh District</b>							
<b>ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)</b>							
<b>San Francisco Bay</b>							
4330	<i>Harding Rock Lighted Buoy HR</i>	37-50-17.661N 122-26-45.579W	Fl (2+1)R 6s		5	Red and green bands.	RACON: K ( - - - ) AIS: MMSI 993692020
4335	<b>Point Blunt Light</b>	37-51-11.584N 122-25-09.150W	Fl G 5s	60	13	White square house. 60	HORN: 1 blast ev 15s (2s bl).
<b>Raccoon Strait</b>							
4340	- <i>Lighted Buoy 1</i>	37-50-37.771N 122-27-12.085W	Fl G 4s		4	Green.	
4350	- <i>Lighted Buoy 4</i>	37-51-40.632N 122-26-50.215W	Fl R 2.5s		3	Red.	
4355	BELVEDERE COVE LIGHT 1	37-52-14.548N 122-27-16.956W	Fl G 4s	15	4	SG on pile.	
4356	BELVEDERE COVE LIGHT	37-52-18.000N 122-27-39.000W	Fl G 2.5s	16		Metal pole on breakwater.	Private aid.
4370	- <i>Lighted Buoy 3</i>	37-51-40.781N 122-27-27.190W	Fl G 4s		4	Green.	
4375	- LIGHT 5	37-52-49.164N 122-26-19.471W	Fl G 4s	20	4	SG on pile.	
<b>Richardson Bay</b>							
4380	CONE ROCK LIGHT	37-51-50.475N 122-28-11.072W	Q W	17	5	NR on pile.	
<b>Sausalito Channel</b>							
4385	- LIGHT 2	37-51-21.385N 122-28-07.256W	Fl R 4s	14	3	TR on MPS.	
4390	- LIGHT 4	37-51-41.196N 122-28-43.580W	Fl R 6s	15	4		
4400	- LIGHT 6	37-51-55.502N 122-29-11.189W	Fl R 4s	15	4		
<b>Richardson Bay</b>							
4401	- Daybeacon 8	37-52-01.000N 122-29-23.000W				TR on pile.	Private aid.
4402	- Daybeacon 9	37-52-08.000N 122-29-33.000W				SG on pile.	Private aid.
4403	- Daybeacon 10	37-52-09.000N 122-29-31.000W				TR on pile.	Private aid.
4404	- Daybeacon 11	37-52-19.500N 122-29-45.500W				SG on pile.	Private aid.
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.
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.
<b>San Francisco-Oakland Bay Bridge West Crossing</b>							
<i>Aids to navigation on bridge maintained by California Department of Transportation.</i>							
4415	<i>Blossom Rock Lighted Bell Buoy BR</i>	37-49-06.153N 122-24-12.411W	Fl (2+1)G 6s		4	Green and red bands.	
4420	<b>San Francisco-Oakland Bay Bridge Pier A Fog Signal</b>	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	<b>San Francisco-Oakland Bay Bridge Pier B Fog Signal</b>	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)</b>							
<b>San Francisco-Oakland Bay Bridge West Crossing</b>							
<i>Aids to navigation on bridge maintained by California Department of Transportation.</i>							
4426	<b>SAN FRANCISCO-OAKLAND BAY BRIDGE RACON N</b> 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	<b>San Francisco-Oakland Bay Bridge Pier C East Side Fog Signal</b>	37-47-53.750N 122-22-39.280W					BELL: 1 stroke every 30s. Private aid.
4440	<b>San Francisco-Oakland Bay Bridge Pier C West Side Fog Signal</b>	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	<b>San Francisco-Oakland Bay Bridge Pier D Fog Signal</b>	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	<b>SAN FRANCISCO OAKLAND BAY BRIDGE RACON B</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	<b>San Francisco-Oakland Bay Bridge Pier E Fog Signal</b>	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	<b>SAN FRANCISCO OAKLAND BAY BRIDGE RACON Y</b> D-E span, center of channel.	37-48-12.000N 122-22-21.000W					RACON: Y ( - . . - ) Private aid.
4462	San Francisco-Oakland Bay Bridge Pier E V-AIS	37-48-20.252N 122-22-11.574W					Virtual AIS MMSI: 993692028
<b>San Francisco-Oakland Bay Bridge East Crossing</b>							
<i>Aids to navigation on bridge maintained by California Department of Transportation.</i>							
4465	<b>San Francisco - Oakland Bay Bridge Pier G Fog Signal</b>	37-48-55.389N 122-21-30.164W					HORN: 1 blast ev 20s (1s bl). Private aid.
4470	<b>San Francisco-Oakland Bay Bridge Pier H Fog Signal</b>	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	<b>San Francisco-Oakland Bay Bridge Pier I Fog Signal</b>	37-49-04.206N 122-21-12.441W					BELL: 3 strokes every 20s. Private aid.
4480	<i>Anchorage 6 Lighted Mooring Buoy A</i>	37-49-43.430N 122-21-11.390W	Fl W 4s			White with blue band.	Private aid.
4480.1	<i>Anchorage 6 Lighted Mooring Buoy B</i>	37-49-55.300N 122-21-16.460W	Fl W 4s			White with blue band.	Private aid.
4480.3	<i>Anchorage 6 Lighted Mooring Buoy H</i>	37-49-57.360N 122-21-07.800W	Fl W 4s				Private aid.
4480.4	<i>Anchorage 6 Lighted Mooring Buoy I</i>	37-49-48.000N 122-21-03.000W	Fl W 4s				Private aid.
4480.5	<i>Anchorage 6 Lighted Mooring Buoy F</i>	37-49-44.100N 122-21-21.930W	Fl W 4s			White with blue band.	Private aid.
4480.6	<i>Anchorage 6 Lighted Mooring Buoy G</i>	37-49-52.170N 122-21-27.650W	Fl W 4s			White with blue band.	Private aid.
4480.7	<i>Anchorage 6 Lighted Mooring Buoy J</i>	37-49-43.200N 122-21-11.400W	Fl W 4s				Private aid.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)</b>							
<b>San Francisco-Oakland Bay Bridge East Crossing</b>							
<i>Aids to navigation on bridge maintained by California Department of Transportation.</i>							
4480.8	<i>Anchorage 6 Lighted Mooring Buoy K</i>	37-49-36.360N 122-21-09.000W	FI W 4s				Private aid.
<b>San Francisco Waterfront</b>							
<b>Pier 39</b>							
4500	- BREAKWATER LIGHT 4	37-48-40.470N 122-24-41.370W	FI R 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	Q W	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.
<b>South Beach Harbor</b>							
4576	- NORTH ENTRANCE LIGHT 2	37-46-54.744N 122-23-05.517W	Q R	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	FI R 4s	14		TR on breakwater.	Private aid.
4595	<b>Yerba Buena Island Light</b>	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	F R	18	6	On post.	
4605	<i>Oakland Harbor Bar Channel Lighted Bell Buoy 1</i> 100 feet outside of channel limit.	37-48-15.338N 122-21-21.675W	FI G 2.5s		4	Green.	
4606	<i>Oakland Harbor Bar Channel Lighted Buoy 2</i> 100 feet outside of channel limit.	37-47-58.278N 122-21-38.002W	FI R 2.5s		4	Red.	
<b>Oakland Outer Harbor</b>							
4607	<i>Oakland Harbor Bar Channel Lighted Buoy 2A</i> 100 feet outside of channel limit.	37-48-04.112N 122-21-09.055W	FI R 2.5s		4	Red.	
4610	- RANGE B FRONT LIGHT	37-48-57.438N 122-19-29.183W	Q R	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	Q Y	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	Q G	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.

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<b>CALIFORNIA - Eleventh District</b>							
<b>ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)</b>							
<b>Oakland Outer Harbor</b>							
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.
<b>Oakland Inner Harbor</b>							
4669	- Lighted Buoy 4 100 feet outside channel limit.	37-48-03.547N 122-20-51.977W	FI R 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	FI R 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.	
<b>Brooklyn Basin</b>							
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	FI R 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	FI R 4s	15	3	TR on pile.	
4710	- NORTH CHANNEL LIGHT 10	37-47-00.553N 122-14-45.888W	FI R 6s	15	4	TR on pile.	
4715	- North Channel Daybeacon 12	37-46-57.389N 122-14-44.150W				TR on pile.	
<b>San Leandro Bay</b>							
4720	- 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.	
<b>Alameda Naval Air Station Channel</b>							
4745	- Entrance Lighted Bell Buoy 1	37-46-38.136N 122-20-28.759W	FI G 4s		5	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)</b>							
<b>Alameda Naval Air Station Channel</b>							
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	FI R 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	FI R 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	FI R 4s	15	4	TR on pile.	Ra ref.
4775	- Daybeacon 8	37-46-09.706N 122-18-20.516W				TR on pile.	
<b>Ballena Bay Harbor</b>							
4820	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.	
<b>San Francisco Entrance Bay Farm Island</b>							
4826	BAY FARM ISLAND LIGHT 1	37-44-13.320N 122-16-13.440W	FI G 4s	14		SG on pile.	Private aid.
4826.1	BAY FARM ISLAND LIGHT 2	37-44-08.640N 122-16-15.220W	FI R 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	FI R 4s	14		TR on pile.	Private aid.
4826.3	BAY FARM ISLAND LIGHT 6	37-44-01.680N 122-15-29.100W	FI R 4s	14		TR on pile.	Private aid.
4827.1	Anchorage 9 Lighted Mooring Buoy A	37-46-16.173N 122-19-38.044W	FI W 2s				Private aid.
4828.1	Anchorage 9 Lighted Mooring Buoy B	37-46-07.632N 122-19-25.763W	FI W 2s				Private aid.
<b>SAN FRANCISCO BAY - SOUTHERN PART (Chart 18651)</b>							
<b>San Leandro Marina Channel</b>							
4829	- DIRECTIONAL LIGHT	37-41-43.246N 122-11-29.202W	F W R G	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	FI R 4s	15	3	TR on pile.	
4845	- Daybeacon 3	37-40-29.325N 122-13-05.865W				SG on pile.	
4850	- Daybeacon 4	37-40-27.873N 122-13-04.079W				TR on pile.	
4855	- Daybeacon 5	37-40-45.103N 122-12-45.601W				SG on pile.	
4860	- LIGHT 6	37-40-43.665N 122-12-43.808W	FI R 2.5s	15	3	TR on pile.	
4865	- Daybeacon 7	37-40-58.295N 122-12-28.645W				SG on pile.	
4870	- Daybeacon 8	37-40-56.980N 122-12-26.900W				TR on pile.	
4875	- Daybeacon 9	37-41-13.433N 122-12-09.221W				SG on pile.	
4880	- LIGHT 10	37-41-11.970N 122-12-07.425W	FI R 4s	15	3	TR on pile.	
4885	- Daybeacon 11	37-41-29.468N 122-11-48.645W				SG on pile.	
4890	- LIGHT 12	37-41-28.000N 122-11-46.836W	FI R 6s	15	4	TR on pile.	

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<b>CALIFORNIA - Eleventh District</b>							
<b>SAN FRANCISCO BAY - SOUTHERN PART (Chart 18651)</b>							
<b>San Leandro Marina Channel</b>							
4895	- LIGHT 14	37-41-38.875N 122-11-32.409W	FI R 2.5s	15	3	TR on pile.	
4900	- Daybeacon 15	37-41-40.315N 122-11-34.653W				SG on pile.	
<b>ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)</b>							
<b>Hunters Point</b>							
4910	<i>Lash Terminal Approach Lighted Buoy 3</i>	37-44-39.761N 122-22-09.948W	FI G 4s		4	Green.	
<b>Pier 94/96</b>							
4912	<i>Lash Terminal Approach Lighted Buoy 2</i>	37-45-29.699N 122-22-06.060W	FI R 2.5s		3	Red.	
4929	<i>Lash Terminal Approach Lighted Buoy 5</i>	37-44-22.261N 122-21-35.648W	FI G 4s		4	Green.	
<b>Hunters Point</b>							
4938	POINT AVISEDERO LIGHT	37-43-43.000N 122-21-25.000W	FI W 2s	12		On pier	Private aid.
4940	- PIER 1 LIGHT	37-42-57.000N 122-21-32.000W	FI W 4s	12		On pier.	Private aid.
<b>SAN FRANCISCO BAY - SOUTHERN PART (Chart 18651)</b>							
<b>San Bruno Shoal</b>							
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	- <i>Channel Lighted Buoy 2</i>	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 G 2.5s	15	3	SG on pile.	
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.	
<b>Brisbane Marina</b>							
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. Private aid.
5005	- LIGHT 6	37-40-13.358N 122-22-39.095W	FI R 2.5s	13		TR on pile.	Private aid.
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	FI R 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.
<b>Oyster Cove Marina</b>							
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	FI R 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	FI R 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN FRANCISCO BAY - SOUTHERN PART (Chart 18651)</b>							
<b>Oyster Cove Marina</b>							
5050	- LIGHT 6	37-40-10.058N 122-22-53.296W	FI R 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	FI R 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	FI R 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	FI R 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	FI R 4s	6		TR on pile.	Ra ref. Private aid.
5095	- LIGHT 16	37-40-03.959N 122-23-13.096W	FI R 4s	6		TR on pile.	Ra ref. Private aid.
<b>Oyster Point Marina</b>							
5100	- 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	FI R 4s	20		Tripod Dolphin	Private aid.
5108	- LIGHT 3	37-39-50.820N 122-22-25.260W	Q G	10		SG on seawall	Private aid.
5110	- LIGHT 4	37-39-51.600N 122-22-24.120W	Q R	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	FI R 4s	10		TR on seawall.	Private aid.
5130	SAN FRANCISCO BAY SOUTH CHANNEL LIGHT 8	37-36-16.634N 122-17-29.063W	FI R 4s	15	4	TR on pile.	
<b>San Francisco Airport</b>							
5135	- Daybeacon 1	37-37-56.102N 122-22-43.516W				SG on pile.	
<b>Coyote Point</b>							
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	FI R 5s	12		On pile.	Private aid.
<b>San Francisco Bay South Channel</b>							
5150	- Daybeacon 8A	37-35-19.803N 122-16-10.984W				TR on pile.	
5155	<b>San Mateo-Hayward Bridge Fog Signal</b>	37-35-03.950N 122-15-02.510W					HORN: 2 blasts ev 30s (3s bl-3s si-3s bl-21s si). Private aid.
5156	<b>SAN MATEO-HAYWARD BRIDGE RACON M</b> 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	FI R 4s	15	4	TR on pile.	Ra ref.
<b>Redwood Creek</b>							
5180	- ENTRANCE LIGHT 2	37-33-10.400N 122-11-47.508W	Q R	15	3	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN FRANCISCO BAY - SOUTHERN PART (Chart 18651)</b>							
<b>Redwood Creek</b>							
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	FI R 4s	15	3	TR on pile.	
5205	- LIGHT 8	37-32-00.894N 122-11-37.976W	Q R	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	FI R 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	FI R 6s	15	4	TR on pile.	
5235	- LIGHT 14	37-31-18.053N 122-12-21.680W	FI R 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	FI R 6s	15	4	TR on pile.	
5255	- LIGHT 18	37-30-48.403N 122-12-43.940W	FI R 4s	15	3	TR on pile.	Ra ref.
5260	- LIGHT 20	37-30-34.416N 122-12-48.861W	FI R 4s	15	3	TR on pile.	
5265	- LIGHT 21	37-30-22.613N 122-12-56.870W	FI G 4s	17	4	SG on pile	
<b>San Francisco Bay South Channel</b>							
5270	- LIGHT 14	37-30-49.501N 122-08-05.796W	FI R 4s	15	4	TR on pile.	Ra ref.
5275	<b>Dumbarton Highway Bridge Fog Signal</b>	37-30-21.870N 122-07-09.620W					HORN: 1 blast ev 20s (2s bl). Private aid.
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"
<b>ENTRANCE TO SAN FRANCISCO BAY (CHART 18649)</b>							
<b>San Francisco Bay</b>							
5348	- North Channel Lighted Buoy 1	37-49-55.258N 122-24-31.134W	FI G 6s		5	Green.	
5350	- North Channel Lighted Buoy 2	37-49-59.941N 122-23-47.181W	FI R 6s		4	Red.	
5355	- North Channel Lighted Buoy 3	37-51-01.750N 122-25-02.953W	Q G		4	Green.	
<b>Emeryville Marina</b>							
5360	- LIGHT 1	37-50-36.738N 122-19-18.986W	FI G 2s	14		SG on pile.	Private aid.
5365	- LIGHT 2	37-50-35.324N 122-19-18.748W	FI R 2s	14		TR on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>ENTRANCE TO SAN FRANCISCO BAY (CHART 18649)</b>							
<b>Emeryville Marina</b>							
5370	- LIGHT 3	37-50-36.888N 122-18-57.842W	FI G 4s	14		SG on pile.	Private aid.
5375	- LIGHT 4	37-50-35.414N 122-18-58.047W	FI R 4s	14		TR on pile.	Private aid.
5380	- LIGHT 5	37-50-36.914N 122-18-33.929W	FI G 4s	14		SG on pile.	Private aid.
5385	- LIGHT 6	37-50-35.508N 122-18-36.892W	FI R 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	FI R 4s	17		TR end of breakwater.	Private aid.
<b>San Francisco Bay</b>							
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	FI R 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.	
<b>Berkeley</b>							
5430	- MARINA CHANNEL LIGHT 2	37-50-51.858N 122-21-38.038W	FI R 4s	15	4	TR on pile.	
5435	- MARINA CHANNEL LIGHT 3	37-51-27.648N 122-20-57.850W	FI G 4s	15	4	SG on pile.	
5440	- BREAKWATER LIGHT 1	37-51-54.566N 122-19-08.587W	Q G	15	4	SG on post.	
5445	- BREAKWATER CENTER LIGHT	37-51-57.936N 122-19-10.577W	Q W	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	FI R 4s	23	4	TR on pile.	
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	FI R 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.	
<b>San Francisco Bay</b>							
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	FI R 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	FI R 4s		3	Red.	

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<b>CALIFORNIA - Eleventh District</b>							
<b>ENTRANCE TO SAN FRANCISCO BAY (CHART 18649)</b>							
<b>San Francisco Bay</b>							
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.
<b>Corte Madera Channel</b>							
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	FI R 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	FI R 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	FI R 4s	9		TR on pile.	Ra ref. Private aid.
5550	- LIGHT 9	37-56-10.228N 122-29-28.906W	FI G 2.5s	9		SG on pile.	Private aid.
5555	- LIGHT 10	37-56-14.000N 122-29-27.906W	FI R 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 122-29-47.880W	FI R 4s	9		TR on pile.	Ra ref. Private aid.
5570	- LIGHT 13	37-56-25.000N 122-30-02.000W	FI G 2.5s	9		SG on pile.	Private aid.
5575	- LIGHT 14	37-56-27.728N 122-30-00.907W	FI R 4s			TR on pile.	Re-established. Private aid.
5580	- LIGHT 15	37-56-31.227N 122-30-14.407W	FI G 2.5s	9		SG on pile.	Ra ref. Private aid.
5585	- LIGHT 16	37-56-34.500N 122-30-13.880W	FI R 4s	9		TR on pile.	Ra ref. Private aid.
5590	- LIGHT 17	37-56-32.640N 122-30-21.060W	FI G 4s	9		SG on pile.	Private aid.
5595	- LIGHT CM	37-56-33.727N 122-30-25.408W	FI (2+1)G 6s	9		JG on pile.	Ra ref. Private aid.
5628	<b>RICHMOND-SAN RAFAEL BRIDGE RACON Q</b>	37-56-06.700N 122-26-40.600W					RACON: Q ( - - - ) BANDS: 20s (ev 30s). Private aid.
5629	<b>RICHMOND-SAN RAFAEL BRIDGE RACON T</b>	37-56-01.800N 122-25-37.500W					RACON: T ( - ) BANDS: 20s (ev 30s). Private aid.
<b>San Francisco Bay</b>							
5630	<b>Richmond-San Rafael Bridge Fog Signal (2)</b>	37-56-06.400N 122-26-40.350W					HORN(2): Sound simultaneously 2 blasts ev 30s (1s bl-1s si-1s bl- 27s si). Private aid.
5635	- North Channel Buoy 15	37-56-14.275N 122-26-46.990W				Green can.	
<b>Southampton Shoal Channel</b>							
5640	- <i>Lighted Buoy 1</i>	37-53-24.908N 122-25-13.464W	FI G 4s		4	Green.	
5645	- <i>Lighted Buoy 2</i>	37-53-26.058N 122-25-03.574W	FI R 2.5s		3	Red.	
5650	- <i>Lighted Buoy 3</i>	37-54-12.970N 122-25-22.384W	FI G 2.5s		4	Green.	
5655	- <i>Lighted Buoy 4</i>	37-54-14.069N 122-25-12.553W	FI R 4s		4	Red.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>ENTRANCE TO SAN FRANCISCO BAY (CHART 18649)</b>							
<b>Southampton Shoal Channel</b>							
5657	- Lighted Buoy 5	37-54-57.579N 122-25-30.780W	FI G 4s		4	Green.	
5659	- Lighted Buoy 6	37-54-58.483N 122-25-20.448W	FI R 2.5s		4	Red.	
5660	- Lighted Buoy 7	37-55-28.728N 122-25-36.832W	FI G 2.5s		4	Green.	
5661	Southampton Shoal Outfall Lighted Buoy 1	37-54-44.746N 122-25-13.535W	FI W 4s			White with orange bands.	RACON: K ( - . - ) Private aid.
5662	Southampton Shoal Outfall Lighted Buoy 2	37-54-44.746N 122-24-55.000W	FI W 4s			White with orange bands.	Private aid.
<b>Richmond Harbor Channel</b>							
5665	- Lighted Buoy 2	37-55-05.494N 122-25-02.975W	Q R		3	Red.	
5670	- APPROACH RANGE 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 358 yards, 132.3° from front light.	37-53-55.570N 122-23-19.654W	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	37-54-22.064N 122-24-03.374W	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				NR on pile.	
5700	- Lighted Buoy 6	37-54-20.430N 122-23-38.767W	FI R 4s		3	Red.	
5705	- Lighted Buoy 7	37-54-23.743N 122-23-10.452W	FI G 4s		4	Green.	
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 122-22-31.603W	FI G 4s	10	4	SG on pile.	Ra ref.
5730	- LIGHT 10	37-54-12.146N 122-22-33.606W	FI R 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	Q R	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	Q R	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	<b>Richmond Long Wharf Fog Signal</b>	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	<b>Richmond Long Wharf Inner Fog Signal</b>	37-55-30.000N 122-24-20.000W				On wharf.	Private aid.

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<b>CALIFORNIA - Eleventh District</b>							
<b>ENTRANCE TO SAN FRANCISCO BAY (CHART 18649)</b>							
<b>Richmond-San Rafael Bridge East Channel</b>							
5775	Castro Rocks Lighted Buoy 2CR	37-55-53.991N 122-25-15.205W	FI R 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	Q R		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.	
<b>San Rafael Creek</b>							
5830	- RANGE FRONT LIGHT	37-58-15.173N 122-29-48.070W	Q R	15		KRW on pile.	Visible all around higher intensity 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	FI R 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.
<b>SAN PABLO BAY (Chart 18654)</b>							
<b>San Pablo Bay</b>							
5875	- Lighted Buoy 2	37-58-04.037N 122-25-45.287W	FI R 4s		4	Red.	
5877	San Rafael Rock Quarry Mooring Buoy A	37-58-42.702N 122-26-38.616W				White with horizontal blue band.	Private aid.
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	FI R 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN PABLO BAY (Chart 18654)</b>							
<b>San Pablo Bay</b>							
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	FI R 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	FI R 6s		4	Red.	
5920	- CHANNEL LIGHT 11	38-03-10.839N 122-19-50.622W	Q G	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	FI R 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	F R	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	F R	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.	
<b>Petaluma River</b>							
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.	
5985	- Entrance Channel Daybeacon 3	38-03-29.205N 122-25-46.688W				SG on pile.	
5990	- ENTRANCE CHANNEL LIGHT 4	38-03-31.044N 122-25-26.311W	FI R 4s	15	3	TR on pile.	
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	FI R 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	FI R 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	FI R 4s	10	3	TR on pile.	
6035	- Entrance Channel Daybeacon 13	38-06-18.722N 122-27-22.870W				SG on pile.	
6040	- ENTRANCE CHANNEL LIGHT 14	38-06-18.678N 122-27-16.905W	FI R 4s	20	3	TR on pile.	
6045	- Entrance Channel Daybeacon 15	38-06-34.198N 122-27-56.939W				SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN PABLO BAY (Chart 18654)</b>							
<b>Petaluma River</b>							
6050	- ENTRANCE CHANNEL LIGHT 16	38-06-36.474N 122-27-56.586W	FI R 4s	12	3	TR on pile.	
6055	- Entrance Channel Daybeacon 17	38-06-37.122N 122-28-26.372W				SG on pile.	
6060	- ENTRANCE CHANNEL LIGHT 18	38-06-40.354N 122-28-26.254W	FI R 6s	15	3	TR on pile.	Ra ref.
6065	- Entrance Channel Daybeacon 19	38-06-37.465N 122-29-07.645W				SG on pile.	
6070	- ENTRANCE CHANNEL LIGHT 20	38-06-41.143N 122-29-07.514W	FI R 4s	15	3	TR on pile.	
6075	- Buoy 2	38-11-50.696N 122-33-40.806W				Red nun.	
6080	- Buoy 4	38-11-53.678N 122-33-49.302W				Red nun.	
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.
<b>Mare Island Strait</b>							
6090	- <i>Lighted Buoy 1</i>	38-04-15.540N 122-14-51.061W	FI G 2.5s		4	Green	
6095	- LIGHT 2	38-04-10.740N 122-14-41.444W	FI R 2.5s	20	3	TR on pile.	
6100	- LIGHT 3	38-04-24.883N 122-14-46.057W	Q G	15	3	SG on pile.	
6105	- LIGHT 4	38-04-25.254N 122-14-38.975W	Q R	20	3	TR on pile.	
6106	- <i>Lighted Buoy 5</i>	38-04-47.903N 122-14-56.310W	FI G 2.5s		4	Green.	
6108	- <i>Lighted Buoy 7</i>	38-05-12.224N 122-15-14.231W	FI G 4s		4	Green.	
<b>Vallejo</b>							
6110	- YACHT CLUB LIGHT 1	38-06-17.100N 122-16-03.900W	FI G 4s	5		Pile.	Private aid.
6115	- YACHT CLUB LIGHT 2	38-06-16.600N 122-16-03.400W	FI R 4s	5		Pile.	Private aid.
6120	- MARINA SOUTH ENTRANCE LIGHT 2	38-06-23.300N 122-16-09.200W	FI R 6s	7		On post on breakwater.	Private aid.
6125	- MARINA SOUTH ENTRANCE LIGHT 1	38-06-24.200N 122-16-10.000W	FI G 6s	7		On post on breakwater.	Private aid.
6136	- MARINA NORTH ENTRANCE LIGHT 2	38-06-35.900N 122-16-20.000W	FI R 4s	7		On post on breakwater.	Private aid.
6137	- MARINA NORTH ENTRANCE LIGHT 1	38-06-37.100N 122-16-21.000W	FI G 4s	7		On post on breakwater.	Private aid.
<b>Napa River</b>							
6140	- Daybeacon 2	38-07-48.680N 122-16-44.691W				TR on pile.	
6145	- LIGHT 3	38-08-28.710N 122-17-01.359W	FI G 4s	19	4	SG on pile.	
6150	- Wreck Buoy WR4	38-09-20.330N 122-17-36.101W				Red nun.	Buoy marks wreck.
6153	- LIGHT 6	38-10-23.652N 122-17-28.855W	FI R 2.5s	15	3		
6155	PACIFIC GAS AND ELECTRIC COMPANY TOWER LIGHT	38-09-15.300N 122-17-52.740W	Q W	10		Transmission tower.	Private aid.
6160	- LIGHT 7	38-10-34.213N 122-17-41.868W	FI G 4s	15	4	SG on pile.	
6165	- LIGHT 8	38-10-50.818N 122-17-57.193W	FI R 4s	15	3	TR on pile.	
6170	- LIGHT 9	38-10-49.773N 122-18-22.079W	FI G 2.5s	15	3	SG on pile.	
6175	- LIGHT 11	38-10-59.412N 122-18-44.726W	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
<b>CALIFORNIA - Eleventh District</b>							
<b>SAN PABLO BAY (Chart 18654)</b>							
<b>Napa River</b>							
6180	- LIGHT 13	38-11-32.987N 122-18-51.280W	FI G 4s	15	4	SG on pile.	
6185	- RANGE FRONT LIGHT 14	38-12-20.344N 122-18-25.745W	Q W	15		KRW and TR on pile.	Visible all around: higher intensity on rangeline. Ra ref.
6190	- RANGE REAR LIGHT 132 yards, 183.0° from front light.	38-12-16.439N 122-18-26.086W	Iso W 6s	22		KRW on pile.	Visible all around; higher intensity on rangeline. Ra ref.
6195	- LIGHT 15	38-13-25.231N 122-18-34.388W	FI G 4s	15	4	SG on pile.	
6196	- <i>Wreck Lighted Buoy WR16</i>	38-13-55.013N 122-17-34.055W	Q R		3	Red.	Buoy marks wreck
6200	- LIGHT 16	38-13-56.499N 122-17-17.772W	FI R 4s	15	3	TR on pile.	
6201	- LIGHT 18	38-14-47.035N 122-17-03.146W	FI R 4s	15	3	TR on pile.	
6202	- LIGHT 20	38-15-12.860N 122-17-04.098W	FI R 4s	15	3	TR on pile.	
6203	- Daybeacon 23	38-16-06.970N 122-17-12.015W				SG on pile.	
6204	- LIGHT 25	38-16-16.821N 122-17-14.659W	FI G 4s	15	4	SG 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.	
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 122-16-52.618W	FI R 4s	15	3	TR on pile.	
6210.1	- LIGHT 42	38-17-42.045N 122-16-56.872W	FI R 4s	15	3	TR on pile.	
6210.2	- LIGHT 44	38-17-47.323N 122-16-54.111W	FI R 4s	15	3	TR on pile.	
6210.3	- Daybeacon 46	38-17-51.402N 122-16-58.019W				TR on pile.	
<b>SUISUN BAY (Chart 18656)</b>							
<b>Carquinez Strait</b>							
6211	SHORE OIL WHARF EAST LIGHT	38-03-32.050N 122-14-27.630W	Q W	10		On wharf.	Private aid.
6212	SHORE OIL WHARF WEST LIGHT	38-03-31.740N 122-14-30.370W	Q W	10		On wharf.	Private aid.
6214	- Buoy BP	38-03-39.593N 122-13-38.791W				Red and green bands.	
6215	- <b>Bridge Center Fog Signal</b>	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	- <b>BRIDGE NORTH CHANNEL RACON N</b> 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	- <b>BRIDGE SOUTH CHANNEL RACON C</b> 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	- <b>Bridge South Channel Fog Signal</b>	38-03-27.720N 122-13-30.120W				On south pier.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SUISUN BAY (Chart 18656)</b>							
<b>Carquinez Strait</b>							
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	FI R 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	FI R 4s	16	3	TR on pile.	
6232	- <i>Lighted Buoy 21A</i>	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	- <i>Lighted Buoy 25</i>	38-01-59.729N 122-09-42.934W	Q G		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	FI R 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	FI R 4s	7		On pile.	Private aid.
6265	SHELL OIL WHARF WEST END LIGHT	38-01-48.430N 122-08-02.570W	Q R	24		Mooring dolphin.	Private aid.
6270	<b>Shell Oil Wharf Fog Signal</b>	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	F R	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	F R	26		On post above dolphins.	Private aid.
6285	<b>Benicia-Martinez Highway Bridge Main Channel Fog Signal</b>	38-02-18.100N 122-07-16.800W					HORN: 1 blast ev 20s (1.5s bl). Private aid.
6286	<b>BENICIA-MARTINEZ HIGHWAY BRIDGE RACON B</b>	38-02-18.100N 122-07-16.800W					RACON: B ( - . . . ) Private aid.
	Mid-span, center of channel.						
6290	<b>Benicia-Martinez Highway Bridge Secondary Channel Fog Signal</b>	38-02-35.800N 122-07-31.000W					HORN: 2 blasts ev 20s (1s bl-1s si-1s bl-17s si). Private aid.
6295	<b>Benicia-Martinez Rail Road Bridge Pier 13 Fog Signal</b>	38-02-20.700N 122-07-16.000W					Private aid.
6300	<b>Benicia-Martinez Rail Road Bridge Pier 17 Fog Signal</b>	38-02-38.500N 122-07-29.700W					Private aid.
<b>Suisun Bay</b>							
6305	- Channel Buoy 2	38-02-14.638N 122-07-19.060W				Red nun.	
6310	- Channel Buoy 3	38-02-18.274N 122-07-22.477W				Green can.	
6315	- Buoy 2A	38-02-20.635N 122-07-03.247W				Red nun.	
6320	- 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	FI R 6s	15	4	TR on pile.	
6335	- NORTH CHANNEL LIGHT 6	38-04-47.342N 122-04-55.828W	FI R 4s	15	3	TR on pile.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SUISUN BAY (Chart 18656)</b>							
<b>Suisun Slough Entrance</b>							
6345	- 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	FI R 4s	15	3	TR on pile.	
<b>Suisun Bay</b>							
6355	- Channel Lighted Buoy 6	38-02-30.751N 122-06-42.705W	FI R 4s		3	Red.	
6356	- PLAINS PRODUCTS PIER LIGHT (A)	38-02-41.500N 122-06-09.390W	FI R 4s	18		West End of Pier.	Private aid.
6357	- PLAINS PRODUCTS PIER LIGHT (B)	38-02-43.330N 122-06-06.330W	FI R 4s	18		On Pier.	Private aid.
6358	- PLAINS PRODUCTS PIER LIGHT (C)	38-02-45.060N 122-06-02.280W	FI R 4s	18		On Pier.	Private aid.
6359	- PLAINS PRODUCTS PIER LIGHT (D)	38-02-46.000N 122-05-59.930W	FI R 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.	
6362	AVON TURNING BASIN SOUTH LIGHT	38-02-50.000N 122-05-47.000W	FI W 4s	18		Single pile.	Private aid.
6363	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	F R	16		On wharf.	HORN (2s blast every 10s), Private aid.
6370	AVON WHARF EAST LIGHT	38-02-57.000N 122-05-25.000W	F R	21		On wharf.	HORN (2s blast every 15s), Private aid.
6375	POINT EDITH CROSSING SOUTH RANGE FRONT LIGHT	38-02-56.119N 122-05-23.325W	Q W	25		KRW on pile.	Visible all around; higher intensity on rangeline. Ra ref.
6380	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 intensity on rangeline. Ra ref.
6385	- Channel Lighted Buoy 9	38-03-13.946N 122-04-54.412W	FI G 2.5s		3	Green.	
<b>Seal Islands Channel</b>							
6390	- LIGHT 2	38-03-12.998N 122-04-16.292W	FI R 6s	20	4	TR on pile.	
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.	
<b>Suisun Bay</b>							
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	Q W	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	FI R 4s		3	Red.	
6450	- Channel Lighted Buoy 13	38-03-59.209N 122-03-12.783W	Q G		3	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SUISUN BAY (Chart 18656)</b>							
<b>Suisun Bay</b>							
6455	- Channel Lighted Buoy 14	38-03-54.701N 122-03-11.835W	Q R		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	FI R 4s	15	3	TR on pile.	Ra ref.
6467	- Channel Lighted Buoy 16A	38-03-47.764N 122-01-55.769W	FI R 6s		4	Red.	
6470	ROE ISLAND CHANNEL RANGE FRONT LIGHT	38-04-00.348N 122-02-48.011W	Q W	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	Q G		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	FI R 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	Q R		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.	
6557	- CHANNEL LIGHT 24A	38-03-18.310N 121-57-15.598W	FI R 4s	15	3	TR on pile.	Ra ref.
6570	- CHANNEL LIGHT 26	38-03-03.269N 121-57-00.003W	FI R 4s	16	3	TR on pile.	
6575	- CHANNEL LIGHT 27	38-03-11.580N 121-56-06.729W	FI G 4s	20	4	SG on white pile.	Ra ref.
6580	- CHANNEL LIGHT 28	38-02-33.065N 121-55-06.857W	FI R 2.5s	20	3	TR on pile.	Higher intensity beam up and down channel.
6585	- Channel Lighted Buoy 30	38-02-39.317N 121-53-24.654W	Q R		4	Red.	
6590	New York Slough Lighted Buoy NY	38-02-40.325N 121-53-08.706W	FI (2+1)G 6s		3	Green and red bands.	
6595	- LIGHT 31	38-02-58.005N 121-53-15.518W	FI G 6s	15	4	SG on pile.	
6600	NEW YORK SLOUGH LIGHT 2	38-02-34.021N 121-53-11.672W	FI R 4s	20	4	TR on pile.	
<b>Pittsburg Marina</b>							
6602	- WEST BASIN LIGHT 1	38-02-26.880N 121-53-07.950W	FI G 4s	8		SG on pile.	Private aid.
6603	- WEST BASIN LIGHT 2	38-02-26.960N 121-53-08.800W	FI R 4s	8		TR on pile.	Private aid.
6605	- EAST BASIN LIGHT 1	38-02-11.070N 121-52-54.190W	FI G 4s	11		On breakwater.	Private aid.
6610	- EAST BASIN LIGHT 2	38-02-11.980N 121-52-55.440W	FI R 4s	11		On breakwater.	Private aid.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SUISUN BAY (Chart 18656)</b>							
<b>Suisun Bay</b>							
<b>Pittsburg Marina</b>							
6615	- EAST BASIN LIGHT 4	38-02-10.500N 121-52-55.000W	FI R 4s	11		On breakwater.	Private aid.
<b>New York Slough</b>							
6620	- LIGHT 3	38-02-15.864N 121-52-47.769W	FI G 4s	20	4	SG on pile.	
6623	- KOCH WEST LIGHT	38-01-56.460N 121-52-18.000W	F W	20		On dolphin.	Private aid.
6624	- KOCH EAST LIGHT	38-01-54.790N 121-52-13.750W	F W	20		On dolphin.	Private aid.
6625	- LIGHT 5	38-01-57.507N 121-52-04.355W	FI G 2.5s	18	4	SG on pile.	
6630	- LIGHT 7	38-01-55.059N 121-51-27.741W	FI G 4s	15	4	SG on pile.	
6635	- LIGHT 8	38-01-49.118N 121-51-14.229W	FI R 2.5s	20	4	TR on pile.	
6640	- LIGHT 10	38-01-37.048N 121-50-47.326W	FI R 4s	15	3	TR on pile.	
6645	- LIGHT 11	38-01-42.117N 121-50-36.281W	FI G 2.5s	18	4	SG on pile.	
6645.5	<i>Delta Diablo Outfall Lighted Buoy</i>	38-01-36.520N 121-50-24.660W	FI W 4s			White with orange bands.	Private aid.
6646	- <i>Lighted Buoy 13</i>	38-01-43.532N 121-50-00.821W	Q G		3	Green.	
<b>Suisun Bay</b>							
6650	- LIGHT 33	38-03-39.896N 121-52-18.642W	FI G 2.5s	15	4	SG on pile.	
6655	- LIGHT 34	38-03-29.702N 121-52-02.920W	FI R 2.5s	16	3	TR on pile.	Ra ref.
<b>SUISUN BAY (Chart 18659)</b>							
<b>San Joaquin River</b>							
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	Q G	11		On pile.	Private aid.
6678	ANTIOCH MARINA ENTRANCE LIGHT 2	38-01-16.000N 121-49-17.843W	Q R	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	Q R	15	3	TR on pile.	
6690	- LIGHT 7	38-01-20.868N 121-48-26.056W	FI G 4s	20	4	SG on pile.	
<b>SACRAMENTO AND SAN JOAQUIN RIVERS (Chart 18661)</b>							
<b>San Joaquin River</b>							
6691	Gaylord Turning Basin Daybeacon 3	38-01-03.000N 121-46-47.000W				SG on pile.	Private aid.
6692	Gaylord Turning Basin Daybeacon 5	38-01-07.000N 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SACRAMENTO AND SAN JOAQUIN RIVERS (Chart 18661)</b>							
<b>San Joaquin River</b>							
6705	- LIGHT 10	38-01-38.645N 121-46-10.579W	FI R 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	<b>ANTIOCH BRIDGE RACON Z</b> Mid span, center of channel.	38-01-39.300N 121-45-04.900W					RACON: Z ( - - . . ) Private aid.
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	FI R 4s	15	3	TR on pile.	
6739	- LIGHT 18A	38-01-55.900N 121-43-12.429W	FI R 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.	
6765	- LIGHT 26	38-03-57.649N 121-40-31.485W	FI R 4s	15	3	TR on pile.	
6767	- LIGHT 27	38-04-26.627N 121-40-42.876W	FI G 4s	15	4	SG on pile.	Ra ref.
6770	- LIGHT 28	38-05-00.242N 121-40-40.999W	FI R 4s	15	4	TR on pile.	Ra ref.
6775	THREEMILE SLOUGH LIGHT 1	38-05-08.270N 121-41-10.629W	FI G 4s	15	4	SG on pile.	
6780	- LIGHT 29	38-05-18.141N 121-40-57.499W	FI G 4s	15	4	SG on pile.	Ra ref.
6785	- LIGHT 30	38-05-28.201N 121-40-36.793W	FI R 4s	15	3	TR on pile.	
6790	- LIGHT 32	38-05-40.310N 121-40-24.242W	FI R 2.5s	15	4	TR on pile.	
6795	- LIGHT 33	38-05-50.856N 121-40-08.887W	FI G 4s	15	4	SG on pile.	Ra ref.
6797	- LIGHT 33A	38-05-36.860N 121-39-19.580W	FI G 4s	15	4	SG on pile.	
6800	- LIGHT 34	38-05-23.541N 121-39-15.903W	FI R 4s	15	3	TR on pile.	
6805	- LIGHT 35	38-05-23.007N 121-38-56.642W	FI G 2.5s	15	3	SG on pile.	Ra ref.
6810	- LIGHT 35A	38-05-17.000N 121-38-36.727W	FI G 6s	15	4	SG on pile.	Ra ref.
6815	- LIGHT 36	38-05-08.084N 121-38-28.976W	FI R 4s	15	3	TR on pile.	Ra ref.
6820	- LIGHT 37	38-05-24.170N 121-38-09.673W	FI G 4s	15	4	SG on pile.	Ra ref.
6825	- LIGHT 38	38-05-47.391N 121-37-45.271W	FI R 6s	15	4	TR on pile.	Ra ref.
6830	- LIGHT 39	38-06-07.659N 121-37-38.426W	FI G 4s	17	4	SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SACRAMENTO AND SAN JOAQUIN RIVERS (Chart 18661)</b>							
<b>San Joaquin River</b>							
6833	- LIGHT 40	38-06-09.344N 121-36-57.344W	FI R 4s	15	3	TR on pile.	
6835	- LIGHT 41	38-06-19.510N 121-36-57.724W	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 121-35-14.043W	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.	
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 G	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 121-33-48.708W	FI G 4s	15	4	SG on column.	
6890	- LIGHT 56	38-04-06.090N 121-33-40.482W	FI R 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	Q R	15	3	TR on pile.	
<b>Stockton Channel</b>							
6905	- RANGE B FRONT LIGHT	38-03-11.185N 121-30-32.687W	Q W	21		KRW on white column.	Visible all around; higher intensity 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 intensity 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	FI R 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	FI R 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	FI R 4s	22	4	TR on pile.	
6940	- LIGHT 8	38-03-06.165N 121-30-34.565W	FI R 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	FI R 4s	16	4	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SACRAMENTO AND SAN JOAQUIN RIVERS (Chart 18661)</b>							
<b>Stockton Channel</b>							
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	FI R 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 intensity 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	FI R 4s	20	4	TR on pile.	
6985	- LIGHT 16	38-01-32.392N 121-28-13.231W	FI R 4s	17	4	TR on pile.	
6990	- LIGHT 18	38-01-18.736N 121-27-58.200W	FI R 4s	16	4	TR on pile.	
6995	- RANGE D FRONT LIGHT	38-01-33.373N 121-28-05.670W	Q W	28		KRW on pile.	Visible all around; higher intensity 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	Q G	23		KRW on pile.	Visible all around; higher intensity 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	Q W	29	5	NR on pile.	
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	FI R 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	FI R 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	FI R 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	FI R 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	FI R 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	FI R 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	FI R 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	FI R 4s	25	4	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SACRAMENTO AND SAN JOAQUIN RIVERS (Chart 18661)</b>							
<b>Stockton Channel</b>							
7100	- RANGE H FRONT LIGHT	37-59-05.650N 121-23-19.636W	Q G	26		KRW on pile.	Visible all around; higher intensity 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 intensity on the rangeline.
7110	- LIGHT 36	37-59-11.354N 121-23-39.045W	FI R 4s	20	4	TR on pile.	
7115	- LIGHT 38	37-59-00.693N 121-23-21.547W	FI R 4s	20	3	TR on pile.	
7120	- RANGE J FRONT LIGHT	37-59-12.016N 121-23-31.883W	Q W	21		KRW on pile.	Visible all around; higher intensity 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 intensity 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	FI R 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	FI R 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	F G	10		Pile on dock.	Private aid.
7165	- LIGHT 48	37-57-05.771N 121-20-16.629W	FI R 4s	20	4	TR on pile.	
<b>SUISUN BAY (Chart 18659)</b>							
<b>Sacramento River Deep Water Ship Channel</b>							
7170	- LIGHT 1	38-03-53.844N 121-51-03.951W	FI G 4s	15	4	SG on pile.	
7175	- <i>Lighted Buoy 2</i> 50 feet outside channel limit.	38-03-46.997N 121-51-03.216W	FI R 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	FI R 4s	15	4	TR on pile.	
<b>SACRAMENTO AND SAN JOAQUIN RIVER (Chart 18661)</b>							
<b>Sacramento River Deep Water Ship Channel</b>							
7205	- <i>Lighted Buoy 9</i>	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	FI R 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SACRAMENTO AND SAN JOAQUIN RIVER (Chart 18661)</b>							
<b>Sacramento River Deep Water Ship Channel</b>							
7240	- LIGHT 16	38-05-18.354N 121-44-29.603W	FI R 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	FI R 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	FI R 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.
7270	- LIGHT 22	38-06-57.818N 121-42-15.121W	FI R 2.5s	15	3	TR on pile.	Ra ref.
7275	- LIGHT 23	38-07-28.608N 121-41-57.474W	FI G 6s	15	4	SG on pile.	Ra ref.
7280	- LIGHT 24	38-07-26.732N 121-41-49.741W	FI R 2.5s	15	4	TR on pile.	
7285	- LIGHT 25	38-08-00.260N 121-41-42.877W	FI G 4s	15	4	SG on pile.	Ra ref.
7290	- LIGHT 26	38-07-59.155N 121-41-36.445W	FI R 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.
7315	- LIGHT 30	38-09-11.795N 121-41-13.207W	FI R 4s	15	4	TR on pile.	
7320	- LIGHT 32	38-09-19.181N 121-41-08.848W	Q R	15	3	TR on pile.	Ra ref.
7325	- Buoy 34	38-09-26.854N 121-41-04.193W				Red nun.	
7330	<b>Rio Vista Bridge Fog Signal</b>	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	<b>RIO VISTA BRIDGE RACON T</b> 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.
7340	- Buoy 35	38-09-36.573N 121-41-01.813W				Green can.	
<b>SUISUN BAY (Chart 18659)</b>							
<b>Sacramento River Deep Water Ship Channel</b>							
7345	- LIGHT 36A	38-10-19.397N 121-40-16.843W	FI R 4s	15	3	TR on pile.	
<b>SACRAMENTO AND SAN JOAQUIN RIVER (Chart 18661)</b>							
<b>Sacramento River Deep Water Ship Channel</b>							
7350	- LIGHT 37	38-10-41.641N 121-40-09.340W	FI G 4s	15	4	SG on pile.	Ra ref.
7355	- LIGHT 39	38-11-09.699N 121-39-44.617W	FI G 4s	25	4	SG on pile.	
7360	- LIGHT 40	38-11-18.651N 121-39-30.877W	FI R 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.
7370	- LIGHT 42	38-11-52.921N 121-39-20.588W	FI R 4s	25	4	TR on pile.	
7375	- LIGHT 43	38-12-17.576N 121-39-35.635W	FI G 4s	25	4	SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SACRAMENTO AND SAN JOAQUIN RIVER (Chart 18661)</b>							
<b>Sacramento River Deep Water Ship Channel</b>							
7380	- LIGHT 44	38-12-43.563N 121-39-49.459W	FI R 4s	25	4	TR on pile.	
7385	- 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	FI R 4s	25	4	TR on pile.	
7395	- LIGHT 47	38-13-23.844N 121-40-28.535W	FI G 4s	15	4	SG on pile	
7400	- LIGHT 48	38-13-24.190N 121-40-20.654W	FI R 4s	25	4	TR on pile.	
7405	- LIGHT 49	38-13-42.270N 121-40-32.629W	Q G	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	FI R 4s	12	3	TR on pile.	
7420	- LIGHT 51	38-14-14.692N 121-40-26.155W	Q G	25	4	SG on pile.	
7425	- LIGHT 52	38-14-13.488N 121-40-19.833W	Q R	25	4	TR on pile.	
<b>SACRAMENTO RIVER (Chart 18662)</b>							
<b>Sacramento River Deep Water Ship Channel</b>							
7430	- 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	FI R 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	FI R 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	FI R 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	FI R 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	FI R 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	FI R 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	38-24-16.010N 121-36-52.413W	FI R 4s	18	4	TR on pile.	
7515	- LIGHT 68	38-26-08.801N 121-36-00.671W	FI R 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SACRAMENTO RIVER (Chart 18662)</b>							
<b>Sacramento River Deep Water Ship Channel</b>							
7525	- RANGE C FRONT LIGHT 70	38-28-10.369N 121-35-03.982W	Q W	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.
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	Q W	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	FI R 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	FI R 4s	22	4	TR on pile.	
7570	- RANGE E FRONT LIGHT 77	38-32-38.407N 121-35-04.760W	Q W	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	Q R	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	FI R 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	FI R 4s	22	4	TR on pile.	
<b>SACRAMENTO AND SAN JOAQUIN RIVER (Chart 18661)</b>							
<b>Sacramento River</b>							
7620	- LIGHT 2	38-10-38.112N 121-39-53.292W	Q R	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	FI R 4s	15	3	TR on pile.	
<b>SACRAMENTO RIVER (Chart 18662)</b>							
<b>Sacramento River</b>							
7665	- LIGHT 6	38-21-44.059N 121-31-12.812W	FI R 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	FI R 4s	25	3	TR on pile.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>SACRAMENTO RIVER (Chart 18662)</b>							
<b>Sacramento River</b>							
7740	- LIGHT 12	38-32-45.095N 121-30-38.500W	FI R 4s	25	3	TR on dolphin.	
7755	- LIGHT 14	38-33-30.025N 121-30-53.851W	FI R 4s	25	3	TR on pile.	
<b>BODEGA AND TOMALES BAY (Chart 18643)</b>							
<b>Bodega Bay</b>							
7765	<i>Bodega Harbor Approach Lighted Gong Buoy BA</i>	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°.
<b>Bodega Harbor</b>							
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	Q R	15	3	TR on pile.	
7785	- CHANNEL RANGE A FRONT LIGHT 3	38-18-19.181N 123-03-24.656W	Q G	18		KRW on pile, SG facing upstream.	Visible all around; higher intensity on 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 intensity on 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	Q G	18		KRW on pile, SG facing downstream.	Visible all around; higher intensity on the rangeline.
7810	- CHANNEL LIGHT 6	38-18-27.637N 123-03-22.756W	Q R	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	Q R	18		KRW on piles, TR facing downstream.	Visible all around; higher intensity on the rangeline.
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	FI R 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>BODEGA AND TOMALES BAY (Chart 18643)</b>							
<b>Bodega Harbor</b>							
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	FI R 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.	
<b>Spud Point Marina</b>							
7946	- LIGHT 1	38-19-50.404N 123-03-12.219W	Q G	15	3	SG on pile.	
7947	- LIGHT 2	38-19-52.355N 123-03-12.239W	Q R	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.	
<b>Bodega Harbor</b>							
7954	- Channel Daybeacon 35	38-19-53.795N 123-03-09.998W				SG on pile.	
7955	- CHANNEL LIGHT 36	38-19-52.534N 123-03-07.475W	Q R		3	TR on pile.	
7960	- CHANNEL RANGE D FRONT LIGHT 37	38-19-57.358N 123-03-09.054W	Q G	14		KRW on pile; SG facing upstream.	Visible all around; higher intensity on the rangeline.
7970	- CHANNEL RANGE D REAR LIGHT 268 yards, 359.2° from front light.	38-20-05.308N 123-03-09.195W	Iso G 6s	28		KRW on pile.	Visible all around; higher intensity on the rangeline.
7975	- Channel Daybeacon 38	38-19-53.746N 123-03-01.494W				TR on pile.	
7980	- CHANNEL LIGHT 40	38-19-53.621N 123-02-57.363W	FI R 4s	15	3	TR on pile.	
7985	- Channel Daybeacon 42	38-19-48.028N 123-02-52.008W				TR on pile.	
7990	- Channel Daybeacon 44	38-19-43.920N 123-02-47.916W				TR on pile.	
7995	- Channel Daybeacon 46	38-19-38.776N 123-02-41.021W				TR on pile.	
8000	- Channel Daybeacon 48	38-19-34.045N 123-02-34.142W				TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>BODEGA AND TOMALES BAY (Chart 18643)</b>							
<b>Bodega Harbor</b>							
8005	- Channel Daybeacon 50	38-19-29.483N 123-02-31.920W				TR on pile.	
8010	- Channel Daybeacon 52	38-19-25.913N 123-02-29.345W				TR on pile.	
8015	- Channel Daybeacon	38-19-25.220N 123-02-27.797W				NB on pile.	
<b>Tomaes Bay</b>							
8020	<i>Tomaes Point Lighted Bell Buoy 2</i>	38-15-07.328N 123-00-11.777W	FI R 6s		4	Red.	
8025	- Outside Bar Gong Buoy TB	38-14-35.199N 122-59-16.685W				Red and white stripes with red spherical topmark.	
8035	- Buoy 3	38-13-37.396N 122-58-30.272W				Green can.	
8060	- Daybeacon 5	38-12-49.858N 122-57-35.434W				SG on pile.	
8065	Hog Island Daybeacon	38-12-01.963N 122-56-36.591W				JG on pile.	
8070	- Daybeacon 7	38-11-44.470N 122-56-35.241W				SG on pile.	
8075	- Daybeacon 10	38-11-17.646N 122-55-51.094W				TR on pile.	
<b>ELK TO FORT BRAGG (Chart 18626)</b>							
<b>Albion River</b>							
8080	- LIGHT 1	39-13-41.412N 123-46-26.660W	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
<b>ANACAPA PASSAGE (Chart 18729)</b>							
<b>ELK TO FORT BRAGG (Chart 18626)</b>							
<b>Noyo River</b>							
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 123-48-37.323W				On pile.	HORN: 1 blast ev 30s (3s bl). operates continuously.
8105	- DIRECTIONAL LIGHT	39-25-38.280N 123-48-27.192W	F W R G	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	FI R 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	Q Y	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	FI R 4s	5	3	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>HUMBOLDT BAY (Chart 18622)</b>							
<b>Humboldt Bay</b>							
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	Fl R 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	Q Y	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	Q W	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.	40-45-51.442N 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	40-46-07.902N 124-14-19.610W	Fl G 2.5s	37	5	SG on white cylindrical structure labeled NORTH.	
8155	- ENTRANCE LIGHT 4	40-45-52.572N 124-14-37.798W	Fl 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	Q G	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.	40-44-59.407N 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	Fl G 4s		4	Green.	
8180	- LIGHT 6	40-45-23.754N 124-14-04.154W	Fl R 4s	30	3	TR on pile.	
8185	- Lighted Bell Buoy 7	40-45-21.036N 124-13-38.303W	Fl G 4s		4	Green.	
8190	- Lighted Bell Buoy 8	40-45-08.665N 124-13-30.281W	Q R		3	Red.	
8195	- Lighted Buoy 9	40-45-26.816N 124-13-25.427W	Fl G 2.5s		4	Green.	
8195.1	- LIGHT 9	40-45-26.441N 124-13-25.363W	Fl G 2.5s		4		Fl G 2.5S
8200	- Lighted Buoy 10	40-45-30.596N 124-13-10.283W	Fl R 4s		3	Red.	
8205	- LIGHT 11	40-45-35.504N 124-13-16.473W	Fl G 4s	35	4	SG on pile.	
8210	- LIGHT 12	40-45-54.198N 124-12-51.976W	Fl R 6s	15	4	TR on Dolphin.	
8216	- LIGHT 13	40-46-03.815N 124-12-55.397W	Fl G 6s	20	4	SG on pile.	
8220	- LIGHT 14	40-46-05.598N 124-12-38.754W	Fl R 2.5s	15	3	TR on pile.	
8225	- Lighted Buoy 15	40-46-28.424N 124-12-13.498W	Fl G 4s		4	Green.	
8230	- LIGHT 16	40-46-24.521N 124-12-07.631W	Fl R 4s	15	4	TR on pile.	
8235	- Lighted Buoy 17	40-46-45.442N 124-11-55.933W	Fl G 2.5s		3	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>HUMBOLDT BAY (Chart 18622)</b>							
<b>Humboldt Bay</b>							
8237	DEL NORTE STREET PIER LIGHT A	40-47-26.000N 124-11-20.000W	FI R 4s	10		On post.	Private aid.
8245	SAMOA CHANNEL LIGHT 2	40-48-07.643N 124-11-10.789W	FI R 2.5s	15	3	TR on pile.	Ra ref.
8248.1	- Seaweed Farm Danger Buoy 1	40-48-31.590N 124-11-10.390W	FI Y 4s				Private aid.
8248.2	- Seaweed Farm Danger Buoy 2	40-48-29.410N 124-11-11.320W	FI W 4s				Private aid.
8248.3	- Seaweed Farm Danger Buoy 3	40-48-26.470N 124-11-12.370W	FI Y 4s				Private aid.
8248.4	- Seaweed Farm Danger Buoy 4	40-48-31.590N 124-11-10.010W	FI Y 4s				Private aid.
8248.5	- Seaweed Farm Danger Buoy 5	40-48-29.260N 124-11-10.540W	FI Y 4s				Private aid.
8248.6	- Seaweed Farm Danger Buoy 6	40-48-26.460N 124-11-11.570W	FI Y 4s				Private aid.
8248.7	- Seaweed Farm Danger Buoy 7	40-48-23.590N 124-11-13.380W	FI Y 4s				Private aid.
8248.8	- Seaweed Farm Danger Buoy 8	40-48-23.590N 124-11-13.010W	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.	
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 LIGHT 6	40-49-00.901N 124-10-29.637W	FI R 2.5s	15	3	TR on pile.	
8265	- LIGHT 19	40-48-13.436N 124-10-58.098W	FI G 4s	20	4	SG on pile.	
8270	- LIGHT 21	40-48-26.142N 124-10-09.970W	FI G 2.5s	15	3	SG on pile.	Ra ref.
8275	WOODLEY ISLAND MARINA LIGHT	40-48-25.230N 124-10-00.220W	FI G 4s			SG on pile.	On floating breakwater. Private aid.
<b>Humboldt Bay Hookton Channel</b>							
8280	- Lighted Buoy 1	40-44-53.790N 124-13-20.878W	FI G 4s		4	Green.	
8285	- LIGHT 2	40-44-56.688N 124-13-28.258W	FI R 4s	15	3	TR on pile.	
8290	- LIGHT 3	40-44-38.465N 124-13-28.231W	FI G 2.5s	20	4	SG on pile.	
8295	- RANGE FRONT LIGHT 4	40-44-32.957N 124-13-37.496W	Q R	20		KRW and TR on pile.	Visible all around; higher intensity on the rangeline.
8300	- RANGE REAR LIGHT 103 yards, 327.9° from front light.	40-44-35.513N 124-13-39.725W	Iso R 6s	30		KRW on pile.	Visible all around; higher intensity on the rangeline.
8305	- LIGHT 5	40-44-32.484N 124-13-30.256W	FI G 4s	15	4	SG on pile	
8310	- LIGHT 6	40-44-24.672N 124-13-33.892W	FI R 2.5s	15	3	TR on pile.	
8315	- LIGHT 7	40-44-26.267N 124-13-28.593W	FI G 4s	20	4	SG on pile.	
8320	- LIGHT 8	40-44-15.564N 124-13-25.312W	FI R 6s	15	4	TR on pile.	
8325	PACIFIC GAS AND ELECTRIC DIKE LIGHT	40-44-10.454N 124-13-12.219W	FI W 4s	18		Dolphin.	Private aid.
8330	- LIGHT 10	40-44-01.524N 124-13-14.086W	FI R 4s	15	3	TR on pile.	Ra ref.
8335	- Daybeacon 9	40-44-04.301N 124-13-08.882W				SG on pile.	
8340	- LIGHT 12	40-43-52.086N 124-13-14.014W	FI R 2.5s	15	3	TR on pile.	
8345	- LIGHT 13	40-43-34.800N 124-13-19.456W	FI G 2.5s	15	3	SG on pile	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CALIFORNIA - Eleventh District</b>							
<b>Humboldt Bay</b>							
<b>Hookton Channel</b>							
8350	- LIGHT 14	40-43-19.974N 124-13-34.262W	FI R 4s	15	3	TR on pile.	Ra ref.
<b>ST. GEORGE REEF AND CRESCENT CITY HARBOR (Chart 18603)</b>							
<b>Crescent City Harbor</b>							
8355	- Buoy 1	41-44-13.427N 124-12-49.349W				Green can.	
8360 545	- <i>Lighted Whistle Buoy 2</i>	41-42-59.729N 124-11-47.956W	FI R 6s		4	Red.	
8365	- <i>Lighted Whistle Buoy 4</i>	41-43-34.428N 124-11-19.346W	FI R 4s		4	Red.	
8370 550	CRESCENT CITY ENTRANCE LIGHT	41-44-11.025N 124-11-27.741W	FI W 5s	55	9	On post	HORN: 1 blast ev 10s (1s bl), operates continuously.
8375	- <i>Lighted Bell Buoy 6</i>	41-44-14.427N 124-11-19.346W	FI R 2.5s		4	Red.	
8380	- <i>Lighted Buoy 7</i>	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	41-44-43.913N 124-11-06.858W	FI G 4s	15	4	SG on pile.	
8390	- 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.
8395	- 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.
<b>LAKE TAHOE - Eleventh District</b>							
<b>LAKE TAHOE (Chart 18665)</b>							
8403	LAKE TAHOE LONG PIER LIGHT	39-09-04.000N 120-08-25.000W	FI R 6s	30		On post.	Private aid.
8405	SUGAR PINE POINT LIGHT	39-03-40.532N 120-06-50.197W	FI W 4s	15	8	NR on post.	
<b>Lake Tahoe</b>							
8410	- Buoy A	39-13-10.291N 120-00-16.206W				White can with orange bands.	
8415	- <i>Lighted Danger Buoy B</i>	39-13-03.349N 120-00-36.285W	FI W 2.5s		3	White can with orange bands.	
8420	- Buoy C	39-13-13.292N 120-00-43.164W				White can with orange bands.	
8425	- Buoy D	39-14-01.890N 120-02-20.579W				White can with orange bands.	
8430	- Buoy E	39-12-24.092N 120-05-18.295W				White can with orange bands.	
8435	- <i>Lighted Danger Buoy G</i>	39-11-04.630N 120-05-31.249W	FI W 4s		3	White can with orange bands.	
8436	- Buoy H	39-10-39.868N 120-06-10.467W				White can with orange bands.	
8440	- Buoy I	39-10-32.010N 120-06-52.894W				White can with orange bands.	
8442	- Buoy J	39-10-06.189N 120-08-07.050W				White can with orange bands.	
8462	- Buoy 0	38-56-42.894N 120-00-46.938W				White can with orange bands.	
8464	<i>Emerald Bay Entrance Lighted Buoy 1</i>	38-57-53.314N 120-04-54.027W	FI G 4s		3	Green.	
8465	<i>Emerald Bay Entrance Lighted Buoy 2</i>	38-57-54.037N 120-04-55.737W	FI R 2.5s		3	Red.	
8470	Emerald Bay Entrance Buoy 3	38-57-50.667N 120-04-55.818W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>LAKE TAHOE - Eleventh District</b>							
<b>LAKE TAHOE (Chart 18665)</b>							
<b>Lake Tahoe</b>							
8475	Emerald Bay Entrance Buoy 4	38-57-52.129N 120-04-58.419W				Red nun.	
8480	- Buoy P	38-57-14.522N 119-59-09.667W				White can with orange bands.	
8485	- <i>Lighted Danger Buoy Q</i>	39-00-50.288N 119-57-33.463W	Fl W 4s		3	White can with orange bands.	
8486	- Buoy R	39-01-58.485N 119-57-12.625W				White can with orange bands.	
8488	- Buoy S	39-02-17.113N 119-57-13.184W				White can with orange bands.	
8490	- Buoy T	39-02-29.713N 119-57-07.844W				White can with orange bands.	
8495	- Buoy U	39-04-02.809N 119-56-57.620W				White can with orange bands	
8500	- Buoy V	39-04-14.581N 119-57-01.712W				White can with orange bands.	
8505	- Buoy W	39-04-22.092N 119-57-01.058W				White can with orange bands.	
8510	- Buoy X	39-08-44.682N 119-56-27.722W				White can with orange bands.	
8512	- Buoy Y	39-09-54.832N 119-56-07.750W				White can with orange bands.	
8515	- Buoy Z	39-11-40.156N 119-56-12.706W				White can with orange bands.	
8520	- <i>Lighted Danger Buoy AA</i>	39-11-51.182N 119-56-12.727W	Fl 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	- <i>NASA-JPL Lighted Research Buoy TB3</i>	39-06-36.700N 120-04-31.300W	Fl Y 4s				Private aid.
8591.1	- <i>NASA-JPL Lighted Research Buoy TB2</i>	39-06-33.700N 120-00-38.700W	Fl Y 4s				Private aid.
8591.2	- <i>NASA-JPL Lighted Research Buoy TB1</i>	39-09-10.800N 120-00-01.200W	Fl Y 4s				Private aid.
8591.3	- <i>NASA-JPL Lighted Research Buoy TB4</i>	39-09-18.000N 120-04-19.800W	Fl Y 4s				Private aid.
8591.4	- <i>UC Davis Lighted Research Buoy TDR1</i>	39-02-28.800N 120-04-48.600W	Fl Y 4s				Private aid.
8591.5	- <i>UC Davis Lighted Research Buoy TDR2</i>	38-59-22.800N 120-03-03.000W	Fl Y 4s				Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>PYRAMID POINT TO CAPE SEBASTIAN (Chart 18602)</b>							
<b>Chetco River</b>							
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	Fl R 4s		4	Red.	
8610	- ENTRANCE RANGE FRONT LIGHT	42-02-54.143N 124-16-04.797W	Q R	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	Fl 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.
8630	- REGULATED NAVIGATION AREA WARNING SIGN (2)	42-02-50.005N 124-16-04.937W	Q Y	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	Fl G 2.5s	12	4	SG on pile.	
8640	- ENTRANCE LIGHT 11	42-02-51.393N 124-16-09.179W	Q G	16	4	SG on pedestal structure.	
<b>CAPE SEBASTIAN TO HUMBURG MOUNTAIN (Chart 18601)</b>							
<b>Rogue River</b>							
8650 575	- 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	Fl 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	Q Y	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.
<b>COQUILLE RIVER ENTRANCE (Chart 18588)</b>							
<b>Coquille River</b>							
8675 600	- Entrance Lighted Whistle Buoy 2	43-08-07.757N 124-27-50.720W	Fl R 4s		4	Red.	
8680	- Entrance Lighted Buoy 4	43-07-41.495N 124-27-03.790W	Fl R 6s		4	Red.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>COQUILLE RIVER ENTRANCE (Chart 18588)</b>							
<b>Coquille River</b>							
8690	- ENTRANCE RANGE FRONT LIGHT	43-07-15.057N 124-24-44.819W	Q W	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	FI R 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	Q Y	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.
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	FI R 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	<b>Bullards Highway Bridge</b> Coquille River mile: 3.5	43-08-49.000N 124-23-44.000W				Vertical lift bridge.	
8728 613	<i>Scripps Institute Wave Recorder Lighted Buoy 46229/139</i>	43-46-12.600N 124-32-54.720W	FI (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
<b>COOS BAY (Chart 18587)</b>							
<b>Coos Bay</b>							
8730 615	- Approach Lighted Whistle Buoy K	43-22-14.988N 124-23-05.553W	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	Q R	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	FI R 4s		4	Red.	
8755	- North Jetty Lighted Whistle Buoy 3	43-21-43.066N 124-21-18.599W	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>COOS BAY (Chart 18587)</b>							
<b>Coos Bay</b>							
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	<i>Guano Rock Lighted Whistle Buoy 4</i>	43-21-14.908N 124-20-25.771W	FI R 4s		4	Red.	
8775	- Channel Lighted Bell Buoy 5	43-21-12.874N 124-19-55.126W	Q G		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	Q G	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 10° each side of rangeline.
8792	- Channel Lighted Buoy 6	43-21-03.901N 124-19-52.141W	FI R 2.5s		4	Red.	
8794	- Channel Lighted Buoy 6A	43-21-12.988N 124-19-22.010W	Q R		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	Q W	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	FI R 6s		4	Red.	
8830	- Channel Lighted Buoy 10	43-21-54.014N 124-18-51.880W	FI R 4s		4	Red.	
8831	- Channel Lighted Buoy 10A	43-22-12.292N 124-18-28.288W	FI R 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	Q R		4	Red.	
8845	- RANGE B FRONT LIGHT	43-23-15.497N 124-17-08.772W	Q R	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.
<b>Empire Range</b>							
8855	- A FRONT LIGHT	43-22-30.171N 124-17-49.008W	Q R	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	Q R	20		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
<b>OREGON - Thirteenth District</b>							
<b>COOS BAY (Chart 18587)</b>							
<b>Empire Range</b>							
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.
<b>Coos Bay</b>							
8875	- Channel Lighted Buoy 14	43-23-31.076N 124-17-06.617W	FI R 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	FI R 4s		4	Red.	
8910	JARVIS LOWER RANGE A FRONT LIGHT	43-23-35.020N 124-16-52.039W	Q R	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	Q R	16		KRB on multi-pile structure.	Visible 4° each side of rangeline.
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	Q R		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	FI R 4s		3	Red.	
8945	JARVIS UPPER RANGE A FRONT LIGHT	43-25-18.006N 124-16-18.490W	Q R	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		3	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	Q W	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	FI Y 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	FI Y 4s			On dolphin.	Private aid.
8976	DOUGLAS FIR DOCK LIGHT B	43-25-29.460N 124-15-31.020W	FI Y 4s			On pier.	Private aid.
8977	DOUGLAS FIR DOCK LIGHT C	43-25-29.880N 124-15-26.160W	FI Y 4s			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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>COOS BAY (Chart 18587)</b>							
<b>Coos Bay</b>							
8990	- <b>Railroad Bridge</b> 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	FI R 4s	15	4	TR on dolphin.	
9005	- <i>Channel Lighted Buoy 29</i>	43-25-43.102N 124-13-38.575W	Q G		3	Green.	
9009	<b>McCullough Highway Bridge</b> 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	Q G	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, 112.2° from front light.	43-25-28.045N 124-12-55.474W	Iso G 6s	30		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	Q G	18		KRB on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.
9025	NORTH BEND RANGE REAR LIGHT 167 yards, 009.2° from front light.	43-25-28.045N 124-12-55.474W	Iso G 6s	30		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	FI R 4s	16	4	TR on multi-pile structure.	
9040	NORTH BEND UPPER RANGE FRONT LIGHT	43-23-32.943N 124-12-50.085W	Q G	20		KRB on multi-pile structure.	Visible 4° each side of rangeline.
9045	NORTH BEND UPPER RANGE REAR LIGHT 236 yards, 163.7° from front light.	43-23-26.230N 124-12-47.400W	Iso G 6s	33		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline.
9050	FERNDALDE LOWER RANGE FRONT LIGHT	43-24-03.247N 124-12-51.559W	Q W	19		KRB on multi-pile structure.	Visible 14° each side of rangeline.
9055	FERNDALDE LOWER RANGE REAR LIGHT 338 yards, 012.9° from front light.	43-24-13.020N 124-12-48.479W	Iso W 6s	33		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	FERNDALDE UPPER RANGE FRONT LIGHT	43-22-22.359N 124-12-25.896W	Q G	15		KRB on multi-pile structure.	Visible all around.
9070	FERNDALDE 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	Q G	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	<b>Isthmus Slough Highway Bridge</b> Isthmus Slough mile: 1.0	43-21-23.000N 124-11-38.000W				Basculer bridge.	
9089	<b>Coos City Highway Bridge</b> Isthmus Slough mile: 6.0	43-18-03.000N 124-12-30.000W				Basculer bridge.	
<b>Coos River</b>							
9090	MARSHFIELD CHANNEL RANGE FRONT LIGHT	43-22-27.909N 124-10-54.763W	Q R	20		KRB on dolphin.	Visible all around.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>COOS BAY (Chart 18587)</b>							
<b>Coos River</b>							
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	FI R 4s	14	4	TR on dolphin.	
9125	<b>Chandler Highway Bridge</b> Coos River mile: 2.2	43-21-58.000N 124-09-11.000W				Vertical lift bridge.	
9130	<b>Anson Rogers Highway Bridge</b> South Fork Coos River mile: 2.2	43-21-56.000N 124-04-57.000W				Fixed bridge.	
<b>South Slough</b>							
9135	- LIGHT 1	43-21-18.097N 124-19-07.140W	FI G 2.5s	17	4	SG on multi-pile structure.	
9140	- <i>Lighted Buoy 2</i>	43-21-17.746N 124-19-11.580W	FI R 2.5s		3	Red.	
9145	- LIGHT 4 20 feet outside channel limit.	43-21-10.309N 124-19-07.566W	FI R 4s	15	4	TR on multi-pile structure.	
9150	- REGULATED NAVIGATION AREA WARNING SIGN	43-20-51.391N 124-19-16.176W	Q Y	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	- <i>Lighted Buoy 6</i> 50 feet outside channel limit.	43-21-02.807N 124-19-09.004W	FI R 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	- <b>Highway Bridge</b> South Slough mile: 0.7	43-20-20.000N 124-19-16.000W				Bascul bridge.	
<b>North Slough</b>							
9185	- Channel Daybeacon 4	43-26-06.000N 124-14-00.000W				TR on pile.	Private aid.
<b>Haynes Inlet</b>							
9195	- Channel Daybeacon 1	43-26-06.000N 124-13-42.000W				SG on pile.	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>UMPQUA RIVER (Chart 18584)</b>							
<b>Umpqua River</b>							
9220 625	- 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	Fl R 4s		4	Red.	
9235	- BAR RANGE FRONT LIGHT	43-40-05.349N 124-12-08.273W	Q R	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	Fl 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.
9250	- REGULATED NAVIGATION AREA WARNING SIGN	43-40-10.597N 124-11-55.896W	Q Y	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	Fl R 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	Q W	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	Fl R 6s	16	4	TR on pile.	
9280	- LIGHT 8	43-40-57.222N 124-11-12.545W	Fl R 2.5s	22	4	TR on pile structure.	
9285	Winchester Bay Harbor Entrance Daybeacon 1	43-41-00.520N 124-11-08.023W				SG on pile.	
9287	Winchester Bay West Basin Regulatory Lighted Buoy A	43-40-58.260N 124-11-03.000W	Fl 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	Fl 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	Fl G 4s	15	4	SG on multi-pile structure.	
9295	SALMON HARBOR ENTRANCE LIGHT 2	43-41-07.585N 124-10-54.528W	Fl R 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	Fl 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	Fl 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	Fl R 4s	22	4	TR on multi-pile structure.	
9305	BARRETTS RANGE FRONT LIGHT	43-43-52.011N 124-09-58.857W	Q W	19		KRB on multi-pile structure.	Visible all around.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>UMPQUA RIVER (Chart 18584)</b>							
<b>Umpqua River</b>							
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	FI R 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	FI R 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.	
9346	LEEDS ISLAND RANGE FRONT LIGHT	43-43-20.459N 124-07-36.991W	Q W	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	FI R 4s	15	4	TR on multi-pile structure.	
9365	- Channel Daybeacon 28	43-43-02.810N 124-07-07.815W				TR on pile.	
9367	<b>Reedsport Highway 101 Bridge</b> Umpqua River mile: 11.1	43-42-35.000N 124-06-04.000W				Swing bridge.	
9369	<b>Central Oregon and Pacific Railroad Bridge</b> Umpqua River mile: 11.5	43-42-26.000N 124-05-45.000W				Swing bridge.	
9370	Scholfield Creek Channel Daybeacon 2	43-42-36.459N 124-06-23.608W				TR on dolphin.	Ra ref.
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	F Y	13		On dock.	Private aid.
9395	SMITH RIVER LIGHT 2	43-42-22.615N 124-05-12.912W	FI R 4s	16	4	TR on skeleton tower.	
<b>SIUSLAW RIVER (Chart 18583)</b>							
<b>Siuslaw River</b>							
9435 630	- <i>Approach Lighted Whistle Buoy S</i>	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	Q R	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>SIUSLAW RIVER (Chart 18583)</b>							
<b>Siuslaw River</b>							
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	44-01-06.871N 124-08-10.578W	Q Y	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.
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	FI R 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	FI R 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	FI R 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	<b>Florence Highway 101 Bridge</b> 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	FI Y 6s			NY on single steel pile.	Private aid.
9568	RESTROOM FLOAT PILING LIGHT B	43-57-59.290N 124-05-47.150W	FI Y 6s			NY on single steel pile.	Private aid.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>SIUSLAW RIVER (Chart 18583)</b>							
<b>Siuslaw River</b>							
9570	- Channel Daybeacon 29	43-58-07.314N 124-04-54.254W				SG on pile.	
9573	<b>Cushman Railroad Bridge</b> Siuslaw River mile: 8.0	43-59-01.000N 124-02-43.000W				Swing bridge.	
<b>APPROACHES TO YAQUINA AND DEPOE BAY (Chart 18561)</b>							
<b>Alsea Bay</b>							
9574	- <b>Highway 101 Bridge</b> Alsea Bay mile: 2.0	44-26-01.000N 124-04-20.000W				Fixed bridge.	
<b>Yaquina Bay</b>							
9575 645	- <i>Approach Lighted Whistle Buoy Y</i>	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.
9580	- ENTRANCE RANGE FRONT LIGHT	44-37-08.031N 124-03-34.113W	Q R	25		KRB on multi-pile structure. On same structure as Yaquina Bay Channel Light 8.	Visible 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.	Visible 1.5° each side of rangeline.
9590	- <i>Entrance Lighted Gong Buoy 1</i>	44-36-13.112N 124-06-03.622W	Fl G 2.5s		4	Green.	AIS: MMSI 993696003 (21).
9595	- Entrance V-AIS 2	44-36-07.665N 124-06-01.030W					Virtual AIS: MMSI 993696004 (21).
9600	- <i>Entrance Lighted Buoy 3</i>	44-36-27.053N 124-05-25.642W	Fl 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	Fl 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	- <b>South Jetty Sound Signal</b>	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	- <i>Channel Lighted Buoy 7</i>	44-37-03.985N 124-03-51.245W	Fl 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.
9615	- CHANNEL LIGHT 8	44-37-07.881N 124-03-34.157W	Fl R 4s	25	4	TR on multi-pile structure. On same structure as Yaquina Bay Entrance Range Front Light.	
9620	- INNER RANGE FRONT LIGHT	44-37-44.249N 124-02-59.011W	Q R	17		KRB on multi-pile structure.	Visible 4° each side of rangeline.
9625	- INNER RANGE REAR LIGHT 136 yards, 040.8° from front light.	44-37-47.290N 124-02-55.332W	Iso R 6s	30		KRB on skeleton tower on multi-pile structure.	Visible 10° each side of rangeline.
9627	- <b>Highway 101 Bridge</b> 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	Q Y	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>APPROACHES TO YAQUINA AND DEPOE BAY (Chart 18561)</b>							
<b>Yaquina Bay</b>							
9635	SOUTHBEACH MARINA LIGHT 2	44-37-25.939N 124-03-14.791W	FI R 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	FI Y 4s			Yellow.	Private aid.
9647	NOAA PIER LIGHT B	44-37-34.288N 124-02-58.575W	FI Y 4s			Yellow.	Private aid.
9648	NOAA PIER LIGHT C	44-37-34.877N 124-02-55.078W	FI Y 4s			Yellow.	Private aid.
9649	NOAA PIER LIGHT D	44-37-34.470N 124-02-47.888W	FI Y 4s			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	F Y			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	FI Y 4s	15	5	NY on pile.	
9665	- BOAT BASIN EAST LIGHT	44-37-42.360N 124-02-27.747W	FI Y 6s	15	5	NY on pile.	
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	FI R 4s	15	4	TR on pile.	
<b>Yaquina River</b>							
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	FI R 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	FI R 4s	16	4	TR on multi-pile structure.	
9707	- Lighted Buoy WR 23	44-35-04.269N 124-01-19.666W	Q G		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	FI R 4s	16	4	TR on multi-pile structure.	
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	FI R 4s	20	4	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>APPROACHES TO YAQUINA AND DEPOE BAY (Chart 18561)</b>							
<b>Yaquina River</b>							
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	FI R 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.	
<b>Depoe Bay</b>							
9780 655	- <i>Approach Lighted Whistle Buoy DB</i>	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	- <i>Entrance Lighted Bell Buoy 2</i>	44-48-28.572N 124-04-31.793W	FI R 4s		4	Red.	
9790	- <b>Sound Signal</b>	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	Q R	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.
9805	- REGULATED NAVIGATION AREA WARNING SIGN	44-48-36.109N 124-03-42.133W	Q Y	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 information. Visible from 017° to 263°.
<b>YAQUINA HEAD TO COLUMBIA RIVER (CHART 18520)</b>							
<b>Siletz Bay</b>							
9807	<b>Kernville Highway 101 Bridge</b> Siletz River mile: 2.0	44-54-01.000N 124-00-28.000W				Fixed bridge.	
<b>TILLAMOOK BAY (Chart 18558)</b>							
<b>Tillamook Bay</b>							
9810 680	- <i>Approach Lighted Whistle Buoy T</i>	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	- <i>Entrance Lighted Bell Buoy 2</i>	45-34-15.251N 123-58-20.275W	Q R		4	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	- <b>North Jetty Sound Signal</b>	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	Q Y	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 (G & R Sectors)	79		On skeleton tower.	Centerline bearing 094.5°. White visible 0.5° each side of centerline. Green visible from 095° to 096.5°. Red visible from 092.5° to 094.0°
<b>Garibaldi Channel</b>							
9835	- LIGHT 6	45-33-54.847N 123-56-53.762W	FI R 4s	17	4	TR on concrete platform.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>TILLAMOOK BAY (Chart 18558)</b>							
<b>Tillamook Bay</b>							
<b>Garibaldi Channel</b>							
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	Q G	18	3	SG on multi-pile structure.	
9850	- LIGHT 12	45-33-11.354N 123-55-47.637W	Q R	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	FI R 4s	18	4	TR on multi-pile structure.	
9865	- BOAT BASIN REGULATED NAVIGATION AREA WARNING SIGN	45-33-16.013N 123-55-08.062W	Q Y	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.	
<b>NEHALEM RIVER (Chart 18556)</b>							
<b>Nehalem River</b>							
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.
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)</b>							
<b>Columbia River</b>							
<i>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.</i>							
9890 695	<b>Cape Disappointment Light</b>	46-16-32.844N 124-03-07.831W	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.
9895	- ENTRANCE RANGE FRONT LIGHT	46-16-33.262N 124-03-05.387W	F R	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	F G	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	FI R 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	FI R 4s		4	Red.	
9930	Peacock Spit Lighted Buoy 7	46-15-07.085N 124-06-03.161W	Q G		4	Green.	
9935	Clatsop Spit Lighted Whistle Buoy 8	46-14-55.333N 124-04-46.585W	Q R		4	Red.	AIS: MMSI 993692045 (21).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)</b>							
<b>Columbia River</b>							
<i>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.</i>							
9940	- North Jetty Lighted Bell Buoy 9	46-15-35.563N 124-05-05.659W	FI G 4s		4	Green.	
9945	SAND ISLAND RANGE FRONT LIGHT	46-15-56.977N 123-59-34.468W	Q G	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	46-15-14.258N 124-03-14.401W	FI R 4s		4	Red.	
9960	Peacock Spit Lighted Bell Buoy 11	46-15-43.351N 124-02-20.867W	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	Q R		4	Red.	AIS: MMSI 993692348 (21).
<b>Desdemona Sands</b>							
9980	- Channel Lighted Bell Buoy 20	46-14-12.017N 123-59-33.357W	FI R 2.5s		4	Red.	
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	FI R 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	FI R 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	Q G		4	Green.	
10020	Desdemona Lower Sands Lighted Gong Buoy 31 90 feet outside channel limit.	46-11-35.460N 123-53-07.623W	FI G 6s		4	Green.	
<b>Tansy Point</b>							
10025	- RANGE FRONT LIGHT	46-11-19.664N 123-55-10.106W	Q R	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.	
<b>Astoria</b>							
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	FI R 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)</b>							
<b>Astoria</b>							
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	Q R	30	4	TR on pier.	
10100	- Crossing Lighted Buoy 37	46-11-45.656N 123-50-00.697W	FI G 4s		3	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	Q G		4	Green.	
10120	- Range Lighted Buoy 40	46-11-52.727N 123-48-47.154W	Q R		4	Red.	
10122	EAST BASIN WEST ENTRANCE LIGHT 1	46-11-45.000N 123-48-25.020W	FI G 4s			On breakwater.	Private aid.
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	FI R 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	FI R 4s		3	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 44 100 yards outside channel limit.	46-13-06.001N 123-45-23.770W	FI R 2.5s		3	Red.	
10165	Tongue Point Channel Lighted Buoy 47 30 yards outside channel limit.	46-13-39.661N 123-44-14.088W	Q G		3	Green.	
<b>Harrington Point</b>							
10170	- Range Lighted Buoy 50 25 yards outside channel limit.	46-13-37.171N 123-43-51.627W	FI R 4s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)</b>							
<b>Harrington Point</b>							
10175	- RANGE FRONT LIGHT	46-15-21.280N 123-40-37.227W	Q W	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	Fl W 2.5s	48	3	KRB on skeleton tower on pile structure. On same structure as Harrington Point Range Rear Light.	Obscured 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	Q R	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	- <i>Channel Lighted Buoy 54</i> 75 feet outside channel limit.	46-14-38.682N 123-41-51.945W	Q R		4	Red.	
<b>HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)</b>							
<b>Miller Sands</b>							
10195	- RANGE FRONT LIGHT	46-15-44.705N 123-38-11.996W	Q G	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.
<b>PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)</b>							
<b>Miller Sands</b>							
10205	- <i>Channel Lighted Buoy 2</i> 75 yards outside channel limit.	46-14-58.907N 123-40-50.184W	Fl R 2.5s		4	Red.	
10210	- <i>Channel Lighted Buoy 3</i> 33 yards outside channel limit.	46-15-05.417N 123-41-06.554W	Fl G 2.5s		4	Green.	
<b>HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)</b>							
<b>Miller Sands</b>							
10215	- DIKE LIGHT 5 83 yards outside channel limit.	46-15-23.486N 123-40-06.818W	Fl G 4s	15	4	SG on multi-pile structure.	
10220	- <i>Channel Lighted Buoy 6</i> 50 yards outside channel limit.	46-15-15.563N 123-39-52.912W	Fl R 4s		4	Red.	
10225	- <i>Channel Lighted Buoy 10</i>	46-15-27.603N 123-38-55.600W	Q R		4	Red.	
10230	- DIKE LIGHT 11	46-15-40.265N 123-38-31.097W	Fl G 6s	19	5	SG on multi-pile structure.	
10235	PILLAR ROCK LOWER RANGE FRONT LIGHT	46-15-09.930N 123-32-36.323W	Q W	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	- <i>Channel Lighted Buoy 12</i>	46-15-27.346N 123-38-18.701W	Fl R 6s		4	Red.	
10250	<i>Elliot Point Lighted Buoy 13</i>	46-15-33.394N 123-37-03.517W	Fl G 4s		4	Green.	
10252	<i>Elliot Point Research Lighted Buoy</i>	46-15-33.600N 123-36-30.000W	Fl Y 4s			Yellow foam buoy.	Private aid.
<b>Pillar Rock</b>							
10255	- <i>Lower Range Lighted Buoy 14</i>	46-15-23.895N 123-37-08.247W	Fl R 4s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)</b>							
<b>Pillar Rock</b>							
10260	- DIKE LIGHT 14A	46-15-15.494N 123-35-29.867W	FI R 2.5s	12	4	TR on multi-pile structure.	
10265	- <i>Lighted Buoy 15</i>	46-15-27.030N 123-35-14.005W	Q G		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	Q R	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	- <i>Upper Range Lighted Buoy 18</i>	46-15-21.307N 123-33-50.790W	FI R 4s		4	Red.	
10295	<i>Brookfield Point Lighted Buoy 19</i>	46-15-29.705N 123-33-38.680W	FI G 2.5s		4	Green.	
10300	<i>Brookfield Point Lighted Buoy 21</i>	46-15-33.131N 123-33-02.701W	Q G		4	Green.	
10305	<i>Brookfield Point Lighted Buoy 22</i>	46-15-27.854N 123-32-34.142W	Q R		4	Red.	
<b>Welch Island</b>							
10307	- <i>Channel Lighted Buoy 22A</i>	46-15-44.714N 123-31-37.442W	FI R 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.	
10315	- <i>Channel Lighted Buoy 26</i>	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	- <i>Channel Lighted Buoy 28</i>	46-16-14.008N 123-29-56.965W	Q R		4	Red.	
10330	BAYVIEW LIGHT 29	46-16-26.278N 123-29-15.515W	Iso G 2s	15	5	SG on pile.	
10335	- <i>Channel Lighted Buoy 30</i>	46-16-14.841N 123-28-54.688W	FI R 4s		4	Red.	
10340	SKAMOKAWA LIGHT 31	46-16-20.363N 123-28-19.281W	Q G	15	4	SG on multi-pile structure.	
10345	- <i>Channel Lighted Buoy 32</i>	46-15-59.358N 123-28-01.545W	Q R		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	Q W	26		KRB on multi-pile structure.	Visible all around; higher intensity 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	<i>Steamboat Slough Lighted Buoy 36</i>	46-14-45.410N 123-26-21.532W	FI R 2.5s		4	Red.	
10375	<i>Steamboat Slough Lighted Buoy 37</i>	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.	
<b>Puget Island</b>							
10385	- RANGE FRONT LIGHT	46-13-39.711N 123-25-18.254W	Q W	32		KRB on skeleton tower 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
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)</b>							
<b>Puget Island</b>							
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	- <i>Range Lighted Buoy 41</i>	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	FI R 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	FI R 6s	20	4	TR on multi-pile structure.	
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	Q R	15	3	TR on multi-pile structure.	
10420	- LIGHT 47	46-10-55.385N 123-25-32.600W	Q G	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.	
<b>Wauna</b>							
10428	- <i>Mill Water Outfall Lighted Buoy B</i>	46-10-06.000N 123-24-54.000W	FI Y 4s			Yellow.	Private aid.
10430	- RANGE FRONT LIGHT	46-08-48.809N 123-23-09.061W	Q R	36		KRB on skeleton tower on multi-pile structure.	Visible 5.5° each side of rangeline.
10435	- RANGE REAR LIGHT 498 yards, 138.2° from front light.	46-08-37.821N 123-22-54.903W	Iso R 6s	63		KRB on skeleton tower on multi-pile structure.	Visible 10° each side of rangeline.
10440	- <i>Mill Water Intake Lighted Buoy A</i>	46-09-08.541N 123-23-50.144W	FI Y 4s			Yellow.	Private aid.
10445	UNITIZING DOCK LIGHT	46-09-42.000N 123-24-30.000W	F Y			On pier.	Private aid.
10455	CHIP DOCK LIGHT	46-09-20.935N 123-24-01.644W	F Y			On dolphin.	Private aid.
10456	Westport Slough Buoy 56	46-08-53.072N 123-23-13.193W				Red nun.	
10460	- DIKE LIGHT 57	46-09-08.585N 123-23-07.779W	Q G	20	4	SG on dolphin.	
10465	DRISCOLL RANGE FRONT LIGHT	46-09-02.897N 123-23-41.650W	FI R 2.5s	23		KRB on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.
10470	DRISCOLL RANGE REAR LIGHT 406 yards, 284.5° from front light.	46-09-05.910N 123-23-58.380W	Iso R 6s	46		KRB on skeleton tower.	Visible 10° each side of range line.
<b>Westport</b>							
10475	- DIKE LIGHT 58	46-08-48.038N 123-22-47.918W	FI R 2.5s	15	4	TR on dolphin.	
10480	PANCAKE POINT DIKE LIGHT 59	46-08-58.053N 123-22-24.821W	FI G 6s	24	4	SG on multi-pile structure.	
10485	- DIKE LIGHT 60	46-08-40.070N 123-22-03.131W	FI R 6s	15	4	TR on multi-pile structure.	
10490	- RANGE FRONT LIGHT	46-08-31.006N 123-21-14.180W	Q W	32		KRB on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.
10495	- RANGE REAR LIGHT 517 yards, 269.7° from front light.	46-08-30.915N 123-21-36.194W	Iso W 6s	47		KRB on skeleton tower.	Visible 14° each side of rangeline.
10500	- DIKE LIGHT 62	46-08-28.707N 123-20-49.541W	FI R 4s	19	4	TR on multi-pile structure.	
10505	- DIKE LIGHT 64	46-08-26.343N 123-19-50.285W	FI R 6s	15	4	TR on wooden multi-pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)</b>							
<b>Westport</b>							
10510	- DIKE LIGHT 66	46-08-26.528N 123-18-48.505W	Q R	15	4	TR on multi-pile structure.	
10520	CATHLAMET DIKE LIGHT 67	46-08-53.269N 123-17-52.412W	FI G 4s	19	4	SG on multi-pile structure.	
10525	- Channel Lighted Buoy 68	46-08-38.714N 123-17-23.570W	FI R 2.5s		4	Red.	
<b>Cathlamet Channel</b>							
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.	
10545	<b>Puget Island Highway Bridge</b> Chathlamet Channel mile: 2.7	46-11-45.000N 123-23-02.000W				Fixed bridge.	
10555	- LIGHT 8	46-09-00.787N 123-17-50.990W	FI R 2.5s	15	4	TR on dolphin.	
<b>Eureka</b>							
10560	WATERFORD LIGHT 69	46-09-10.241N 123-16-01.364W	FI G 4s	30	4	SG on concrete platform.	
10565	- CHANNEL LIGHT 70	46-08-54.278N 123-15-41.480W	FI R 4s	15	3	TR on multi-pile structure.	Ra ref.
10570	COOPER POINT LIGHT 71	46-09-26.190N 123-15-15.433W	Q G	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	Q R	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	FI R 4s	20	4	TR on multi-pile structure.	
10595	- DIKE LIGHT 80	46-10-06.819N 123-13-04.070W	FI R 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.	
<b>Oak Point</b>							
10625	BEAVER PIER WEST END LIGHT	46-10-51.460N 123-11-06.220W	F Y			On corner of pier.	Private aid.
10630	BEAVER PIER EAST END LIGHT	46-10-56.370N 123-10-50.780W	F Y			On corner of pier.	Private aid.
10633	COLUMBIA RIVER GEODETIC SURVEY LIGHT	46-11-06.000N 123-11-12.000W	FI Y 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	Q R		3	Red.	
<b>CRIMS ISLAND TO ST. HELENS (Chart 18524)</b>							
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	Q R		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 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
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>CRIMS ISLAND TO ST. HELENS (Chart 18524)</b>							
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.	
<b>Crims Island</b>							
10675	- DIKE LIGHT 2	46-10-44.089N 123-07-30.090W	FI R 6s	12	4	TR on pile.	
10685	- DIKE LIGHT 6	46-10-18.380N 123-06-32.834W	FI R 4s	21	4	TR on pile.	
<b>CRIMS ISLAND TO ST. HELENS (Chart 18524)</b>							
10715	CLEAVELAND DIKE LIGHT 3	46-10-39.620N 123-06-06.182W	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	FI R 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	<i>Fisher Island Channel Lighted Buoy 5</i>	46-09-43.973N 123-04-24.700W	Q G		4	Green.	
10725	FISHER ISLAND LIGHT 7	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	<i>Fisher Island Channel Lighted Buoy 10</i>	46-09-16.414N 123-03-29.478W	Q R		4	Red.	
<b>Longview</b>							
10745	WALKER ISLAND LIGHT 12	46-08-51.940N 123-02-40.768W	Q R	15	4	TR on multi-pile structure.	
10750	BARLOW POINT LIGHT 13	46-08-39.254N 123-01-50.102W	Q G	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	F Y			On pier.	Private aid.
10761	- DOCK LIGHT B	46-08-05.000N 123-00-04.000W	F Y			On pier.	Private aid.
10762	- DOCK LIGHT C	46-08-03.000N 122-59-59.000W	F Y			On pier.	Private aid.
10765	<i>La Du Rock Lighted Buoy 19</i>	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	FI R 4s	25	4	TR on multi-pile structure.	
10780	- RANGE FRONT LIGHT	46-07-28.098N 122-58-49.310W	F R	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	F R	76		KWR on monopole.	Visible 1.75° each side of rangeline. Private aid.
10800	<i>Slaughters Channel Lighted Buoy 23</i>	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	FI R 6s	15	4	TR on multi-pile structure.	
<b>Lewis and Clark Bridge</b>							
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	<b>Lewis and Clark Highway Bridge</b> Columbia River mile: 66.0	46-06-18.000N 122-57-42.000W				Fixed bridge.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>CRIMS ISLAND TO ST. HELENS (Chart 18524)</b>							
<b>Longview</b>							
<b>Lewis and Clark Bridge</b>							
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.
<b>Longview</b>							
10815.1	TERMINAL 9 LIGHT A	46-05-59.900N 122-56-26.200W	Fl Y 4s			NY on dolphin.	Private aid.
10815.2	TERMINAL 9 LIGHT B	46-05-59.400N 122-56-25.000W	Fl Y 4s			NY on dolphin.	Private aid.
10815.4	TERMINAL 9 LIGHT D	46-05-57.800N 122-56-21.000W	Fl Y 4s			NY on dolphin.	Private aid.
10815.5	TERMINAL 9 LIGHT E	46-05-57.100N 122-56-18.600W	Fl Y 4s			NY on dolphin.	Private aid.
10815.6	TERMINAL 9 LIGHT F	46-05-56.300N 122-56-16.500W	Fl Y 4s			NY on dolphin.	Private aid.
10815.7	TERMINAL 9 LIGHT G	46-05-55.600N 122-56-14.900W	Fl Y 4s			NY on dolphin.	Private aid.
10815.8	TERMINAL 9 LIGHT H	46-05-55.700N 122-56-13.600W	Fl Y 4s			NY on dolphin.	Private aid.
10815.9	TERMINAL 9 LIGHT J	46-05-55.600N 122-56-12.400W	Fl Y 4s			NY on dolphin.	Private aid.
10816	<i>Cowlitz River Lighted Buoy 25</i>	46-05-36.371N 122-55-32.546W	Fl G 6s		4	Green.	
10820	COTTONWOOD ISLAND LOWER RANGE FRONT LIGHT	46-04-59.277N 122-53-51.950W	Q W	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	<i>Rainier Anchorage Lighted Buoy "RR"</i>	46-05-40.914N 122-56-21.166W	Fl W 6s			White with blue band.	Maintained by U.S. Army Corps of Engineers. Private aid.
10830	<i>Rainier Anchorage Lighted Buoy R</i>	46-05-31.466N 122-55-48.110W	Fl 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	Fl Y 2.5s			On mooring barge.	Private aid.
<b>Cottonwood Island</b>							
10845	- DIKE LIGHT 31	46-05-18.368N 122-54-33.486W	Fl G 2.5s	15	4	SG on multi-pile structure.	
10850	- DIKE LIGHT 33	46-05-03.761N 122-54-04.234W	Fl G 4s	12	4	SG on multi-pile structure.	
10860	- LIGHT 35	46-04-42.901N 122-53-36.105W	Fl G 4s	15	4	SG on multi-pile structure.	
10865	- <i>Turn Lighted Buoy 36</i> 66 yards outside channel limit.	46-04-24.971N 122-53-36.715W	Q R		4	Red.	
10870	- DIKE LIGHT 37	46-04-17.858N 122-53-12.962W	Fl G 4s	15	4	SG on pile.	
10875	- UPPER RANGE FRONT LIGHT	46-03-55.606N 122-52-56.378W	Q W	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	Fl G 4s	26	4	SG on pile.	
10890	- LIGHT 41	46-03-20.401N 122-52-46.204W	Q G	20	4	SG on multi-pile structure.	
10891	PORT OF KALAMA DOCK LIGHT A	46-02-39.900N 122-52-35.160W	Fl Y 6s			On mooring dolphin.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>CRIMS ISLAND TO ST. HELENS (Chart 18524)</b>							
<b>Cottonwood Island</b>							
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	<i>Prescott Anchorage Lighted Buoy P</i>	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.
<b>Kalama</b>							
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	Q R	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	Q W	24		KRB on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.
10920	- 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.
<b>CRIMS ISLAND TO ST. HELENS (Chart 18524)</b>							
10925	KALAMA DIKE LIGHT 47A	46-00-33.092N 122-51-03.938W	FI G 2.5s	32	5	SG on pile.	
10928	<i>Sandy Island Anchorage Lighted Buoy "S"</i>	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.
10930	AHLE POINT LIGHT 49	45-59-53.278N 122-50-41.394W	FI G 4s	20	4	SG on pile.	
10935	HUNTER BAR LIGHT 1	45-59-30.134N 122-51-11.402W	FI G 2.5s	20	4	SG on pile.	
10940	HUNTER DIKE LIGHT 52	45-59-17.701N 122-50-56.758W	FI R 4s	15	5	TR on multi-pile structure.	
10942	TIDEWATER MOORING BARGE LIGHTS (2)	45-59-23.640N 122-50-28.860W	FI Y 6s			Spudded mooring barge.	Private aid.
10943.1	TEMCO MARINE FACILITY LIGHT A	45-58-57.034N 122-50-00.885W	FI Y 4s			NY on mooring dolphin.	Private aid.
10943.2	TEMCO MARINE FACILITY LIGHT B	45-58-59.274N 122-50-03.284W	FI Y 4s			NY on concrete dock.	Private aid.
10943.3	TEMCO MARINE FACILITY LIGHT C	45-59-01.517N 122-50-05.001W	FI Y 4s			NY on concrete dock.	Private aid.
10943.4	TEMCO MARINE FACILITY LIGHT D	45-59-03.983N 122-50-06.906W	FI Y 4s			NY on mooring dolphin.	Private aid.
10943.5	TEMCO MARINE FACILITY LIGHT E	45-59-06.273N 122-50-08.908W	FI Y 4s			NY on mooring dolphin.	Private aid.
10943.6	TEMCO MARINE FACILITY LIGHT F	45-59-08.482N 122-50-10.341W	FI Y 4s			NY on mooring dolphin.	Private aid.
10943.7	TEMCO MARINE FACILITY LIGHT G	45-59-10.572N 122-50-11.942W	FI Y 4s			NY on mooring dolphin.	Private aid.
10943.8	TEMCO MARINE FACILITY LIGHT H	45-59-13.359N 122-50-14.076W	FI Y 4s			NY on mooring dolphin.	Private aid.
10944	<i>Kalama Shoal Isolated Danger Lighted Buoy K</i>	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	Q R	20	4	TR on multi-pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>CRIMS ISLAND TO ST. HELENS (Chart 18524)</b>							
<b>Martin Island</b>							
10950	BYBEE LEDGE CHANNEL RANGE FRONT LIGHT	45-57-25.765N 122-48-28.708W	Q W	29		KRB on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.
10955	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 14° each side of rangeline.
10960	<i>Bybee Ledge Lighted Buoy 59</i>	45-58-14.581N 122-49-27.189W	FI G 4s		4	Green.	
10965	- <i>Bluff Lighted Buoy 60</i>	45-57-36.325N 122-48-53.770W	Q R		4	Red.	
10970	DEER ISLAND LOWER DIKE LIGHT 62	45-57-26.750N 122-49-07.760W	FI R 6s	16	4	TR on multi-pile structure.	
10975	- DIKE LIGHT 63	45-57-09.975N 122-48-23.693W	FI G 2.5s	23	4	SG on multi-pile structure.	
10980	- MIDDLE DIKE LIGHT 65	45-56-40.700N 122-48-14.492W	FI G 4s	15	4	SG on multi-pile structure.	
10985	- RANGE FRONT LIGHT	45-56-18.683N 122-48-09.221W	Q W	36		KRB on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline.
10990	- 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.
11000	BURKE DIKE LIGHT 69	45-55-53.534N 122-48-08.882W	FI G 2.5s	17	5	SG on multi-pile structure.	
11005	DEER ISLAND UPPER DIKE LIGHT 72	45-55-12.278N 122-48-44.270W	FI R 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	F Y			On dock.	Private aid.
11020	- <i>Channel Lighted Buoy 75</i>	45-54-29.946N 122-48-26.636W	Q G		4	Green.	
11025	COLUMBIA CITY LIGHT 76	45-53-31.387N 122-48-22.449W	Q R	22	4	TR on pile.	
11027	<i>Columbia City Lighted Buoy 75A</i>	45-53-43.982N 122-48-12.037W	FI G 2.5s		4	Green.	Maintained from Aug 15 to Oct 1.
<b>St. Helens</b>							
11030	- RANGE FRONT LIGHT	45-51-55.200N 122-46-58.631W	Q W	37		KRB on skeleton tower on multi-pile structure.	Visible all around; higher intensity on 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	Q G	35	4	SG on multi-pile structure.	
11045	- <i>Junction Lighted Buoy</i>	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	Q R	34	3	TR on multi-pile structure.	
<b>ST. HELENS TO VANCOUVER (Chart 18525)</b>							
<b>Warrior Rock</b>							
11060	- LIGHT	45-50-55.034N 122-47-17.582W	FI W 4s	28	5	White octagonal tower on square structure.	
11065	- RANGE FRONT LIGHT	45-51-18.209N 122-46-46.823W	Q W	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	- <i>Turn Lighted Buoy 1</i>	45-50-50.028N 122-46-57.144W	FI G 4s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>ST. HELENS TO VANCOUVER (Chart 18525)</b>							
<b>Warrior Rock</b>							
11075	- Reef Lighted Buoy 4	45-50-26.264N 122-47-21.222W	Q R		4	Red.	
11080	DUCK CLUB LIGHT 4A	45-49-45.182N 122-47-48.194W	FI R 6s	23	4	TR on pile.	
11085	DUCK CLUB LIGHT 6	45-49-26.662N 122-47-53.009W	Q R	22	4	TR on multi-pile structure.	
<b>Henrici</b>							
11090	- Channel Lighted Buoy 7	45-48-58.227N 122-47-41.400W	Q G		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	Q W	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	FI R 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.	
11130	FALES LIGHT 17	45-46-20.354N 122-45-44.162W	Q G	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.	
<b>Willow</b>							
11140	- LOWER RANGE FRONT LIGHT	45-44-30.565N 122-45-26.990W	Q W	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.	
11155	- UPPER RANGE FRONT LIGHT	45-41-01.257N 122-46-40.286W	Q W	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	FI R 4s	26	4	TR on multi-pile structure.	
11170	REEDER POINT LIGHT 28	45-42-34.865N 122-46-13.964W	FI R 6s	36	4	TR on multi-pile structure.	Ra ref.
11175	HUTCHINSON DIKE LIGHT 30	45-42-00.014N 122-46-26.762W	FI R 4s	37	3	TR on multi-pile structure.	
<b>Morgan</b>							
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	Q W	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>ST. HELENS TO VANCOUVER (Chart 18525)</b>							
<b>Morgan</b>							
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	<i>Lower Vancouver Anchorage Lighted Buoy V</i>	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	FI R 4s	34	4	TR on multi-pile structure.	
11211	- CHANNEL LIGHT 42	45-39-27.176N 122-46-01.099W	Q R	25	4	On multi-pile structure with skeleton tower. On same structure as Vancouver Directional Light.	
<b>Vancouver</b>							
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	- <i>Channel Lighted Buoy 47</i> 75 feet outside channel limit.	45-38-53.131N 122-44-49.011W	Q G		4	Green.	
11243	<i>Hayden Island Anchorage Lighted Buoy A</i>	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	<i>Hayden Island Anchorage Lighted Buoy B</i>	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	- <i>Upper Anchorage Lighted Buoy "VV"</i>	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	<i>Hayden Island Water Monitoring Lighted Buoy A</i>	45-37-31.598N 122-41-39.803W	FI Y 4s			Yellow Buoy	Private aid.
11250	- <b>Railroad Bridge</b> Columbia River mile 105.6	45-37-34.000N 122-41-23.000W				Swing Bridge.	
<b>VANCOUVER TO BONNEVILLE (Chart 18531)</b>							
<b>Vancouver to Bonneville</b>							
11252	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	FI Y 6s			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	<b>Interstate 5 Highway Bridge</b> 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	<i>Ryan Point Junction Lighted Buoy</i>	45-36-55.356N 122-39-33.890W	FI (2+1)R 6s		4	Red and green bands.	
<b>Oregon Slough</b>							
11281	- Daybeacon 1	45-36-16.872N 122-40-18.018W				SG on multi-pile structure.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>VANCOUVER TO BONNEVILLE (Chart 18531)</b>							
<b>Vancouver to Bonneville</b>							
<b>Oregon Slough</b>							
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	FI R 4s	25	4	TR on multi-pile structure.	
11297	- <b>Interstate 5 Highway Bridge</b> Oregon Slough mile: 4.5	45-36-26.000N 122-40-53.000W				Fixed bridge.	
11298	- <b>Railroad Bridge</b> Oregon Slough mile: 3.2	45-36-51.000N 122-42-08.000W				Swing bridge.	
11300	<i>Vancouver Upper Bar Channel Lighted Buoy 14</i> 25 yards outside channel limit.	45-36-23.347N 122-37-32.487W	FI R 2.5s		3	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	FI R 4s	25	4	TR on multi-pile structure.	
11307	AIRPORT BAR RANGE FRONT LIGHT	45-36-00.539N 122-33-38.184W	Q G	33		KRW on skeleton tower on multi-pile structure.	Visible all around.
11308	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.
<b>VANCOUVER TO BONNEVILLE (Chart 18531)</b>							
11385	<i>Lieser Point Channel Lighted Buoy 18</i> 25 yards outside channel limit.	45-36-00.939N 122-34-15.122W	FI R 6s		4	Red.	
11390	Interstate-205 Bridge Approach Buoy 19	45-35-51.626N 122-33-07.091W				Green can.	
11392	<b>Interstate 205 Highway Bridge (north channel)</b> Columbia River mile: 112.7	45-35-48.000N 122-33-01.000W				Fixed bridge.	
11393	<b>Interstate 205 Highway Bridge (south channel)</b> Columbia River mile: 112.7	45-34-38.000N 122-32-41.000W				Fixed bridge.	
11395	Interstate-205 Bridge Approach Buoy 21	45-35-48.584N 122-32-53.841W				Green can.	
<b>Government Island</b>							
11405	- MIDDLE RANGE FRONT LIGHT	45-35-14.400N 122-31-54.945W	Q R	40		KRB on multi-pile structure.	Visible all around.
11410	- 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	Q R	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.
<b>VANCOUVER TO BONNEVILLE (Chart 18531)</b>							
11430	FISHER QUARRY CHANNEL RANGE FRONT LIGHT	45-34-37.772N 122-28-05.515W	Q G	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.
<b>Camas Slough</b>							
11445	HASSALO ROCK LIGHT 2	45-34-48.686N 122-27-58.279W	FI R 4s	23	4	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>VANCOUVER TO BONNEVILLE (Chart 18531)</b>							
<b>Camas Slough</b>							
11450	CAMAS LIGHT 4	45-34-33.155N 122-26-41.523W	FI R 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.
11453	- Buoy 9	45-34-29.760N 122-26-08.820W				Green can.	Private aid.
11454	- Buoy 11	45-34-29.640N 122-26-08.400W				Green can.	Private aid.
11455	- RANGE FRONT LIGHT	45-34-27.139N 122-26-10.394W	Q R	36		KRB on multi-pile structure.	Visible all around.
11460	- RANGE REAR LIGHT 126 yards, 111.9° from front light.	45-34-25.743N 122-26-05.468W	Iso R 6s	43		KRB on skeleton tower.	Visible 14° each side of rangeline.
11462	- <b>Highway Bridge</b> Camas Slough mile: 1.1	45-34-40.000N 122-25-23.000W				Fixed bridge.	
11463	- <b>Lady Island Highway Bridge</b> Camas Slough mile: 2.2	45-34-38.000N 122-24-12.000W				Fixed bridge.	
<b>Government Island</b>							
11465	- RANGE FRONT LIGHT	45-33-47.311N 122-26-45.939W	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 268 yards, 128.6° 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	FI R 4s	40	3	TR on multi-pile structure.	
11480	- UPPER RANGE FRONT LIGHT	45-34-09.859N 122-27-41.772W	Q R	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	- <i>Upper Range Lighted Buoy</i> 35	45-33-55.818N 122-26-29.370W	FI G 2.5s		4	Green.	
<b>Lady Island</b>							
11490	- RANGE FRONT LIGHT	45-33-47.311N 122-26-45.939W	Q W  Q R	31 31		KRB on skeleton tower on multi-pile structure. On same structure as Government Island Range Front Light.	White light visible 1.5° each side 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		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	FI R 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	Q G	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>VANCOUVER TO BONNEVILLE (Chart 18531)</b>							
<b>Washougal</b>							
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.	
11550	- UPPER RANGE FRONT LIGHT	45-33-06.498N 122-20-23.387W	Q R	39		KRB on skeleton tower, on multi-pile structure. On same structure as Reed Island Range Front Light.	Visible all around.
11555	- UPPER RANGE REAR LIGHT 389 yards, 154.4° from front light.	45-32-56.115N 122-20-16.315W	Iso R 6s	59		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline.
<b>VANCOUVER TO BONNEVILLE (Chart 18531)</b>							
11560	GARY ISLAND DIKE LIGHT 52	45-33-36.545N 122-20-50.331W	FI R 4s	16	4	TR on dolphin.	
11565	Gary Island Dike Daybeacon 54	45-33-21.014N 122-20-39.061W				TR on dolphin.	
11570	REED ISLAND RANGE FRONT LIGHT	45-33-06.498N 122-20-23.387W	Q R	39		KRB on skeleton tower, on multi-pile structure. On same structure as Washougal Upper Range Front Light.	Visible all around.
11575	REED ISLAND RANGE REAR LIGHT 284 yards, 281.0° from front light.	45-33-08.110N 122-20-35.131W	Iso R 6s	61		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline.
11580	<i>Reed Island Reach Lighted Buoy 61</i> 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	3	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	FI R 4s	18	4	TR on multi-pile structure.	
<b>Cape Horn</b>							
11605	- 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	Q R	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 multi-pile structure.	Visible 5.5° each side of rangeline.
11625	<i>Candiana Lighted Buoy 70</i>	45-34-18.290N 122-11-15.806W	FI R 2.5s		4	Red.	
<b>Fashion Reef</b>							
11630	- LOWER RANGE FRONT LIGHT	45-35-06.421N 122-07-37.727W	Q G	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>VANCOUVER TO BONNEVILLE (Chart 18531)</b>							
<b>Fashion Reef</b>							
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	- <i>Lighted Buoy 76</i>	45-34-57.750N 122-08-01.576W	FI R 2.5s		4	Red.	
<b>Multnomah Falls</b>							
11665	- BAR RANGE FRONT LIGHT	45-34-50.673N 122-06-28.852W	Q R	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	FI R 4s	18	4	TR on dolphin.	
11685	- <i>Lighted Buoy 83</i>	45-34-58.439N 122-06-32.371W	FI G 4s		4	Green.	
11690	- <i>Lighted Buoy 83A</i>	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.	
11700	- UPPER RANGE FRONT LIGHT	45-36-49.679N 122-02-05.553W	Q W	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 intensity 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.
11710	SKAMANIA LIGHT 85	45-36-25.214N 122-03-20.521W	FI G 4s	19	4	SG on multi-pile structure.	
<b>Warrendale</b>							
11715	- LOWER RANGE FRONT LIGHT	45-36-49.679N 122-02-05.553W	Q W	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.
11720	- 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.
11725	MCGOWANS LIGHT 88	45-36-42.554N 122-01-40.021W	FI R 4s	30	3	TR on skeleton tower.	
11730	- UPPER RANGE FRONT LIGHT	45-36-51.740N 122-00-34.966W	Q W	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.
11740	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	FI R 4s	27	4	TR on skeleton tower.	
11747	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	FI R 4s	50	3	TR on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>VANCOUVER TO BONNEVILLE (Chart 18531)</b>							
<b>Bonneville Pool</b>							
11760	<b>Bonneville Lock Highway Bridge</b> Columbia River mile: 147.0	45-38-19.000N 121-56-55.000W				Swing bridge.	
11765	- LIGHT 3	45-38-29.244N 121-56-08.589W	FI G 4s	40	4	SG on skeleton tower.	
11768	- <i>Lighted Buoy 4</i>	45-38-29.026N 121-55-58.069W	FI R 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	45-39-18.495N 121-54-38.041W	FI G 4s	19	4	SG on skeleton tower.	
<b>BONNEVILLE TO THE DALLES (Chart 18532)</b>							
<b>Cascade Rapids</b>							
11795	- LOWER RANGE FRONT LIGHT 8	45-39-32.661N 121-54-02.152W	Q R	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	<b>Bridge of the Gods Highway Bridge</b> 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.
11805	- UPPER RANGE FRONT LIGHT 15	45-41-18.392N 121-53-06.694W	Q G	29		KRB on multi-pile structure, SG oriented upstream.	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		KRB on skeleton tower.	Visible 14° each side of rangeline.
<b>Bonneville Pool</b>							
11815	- LIGHT 12	45-40-13.988N 121-53-51.398W	FI R 4s	25	3	TR on skeleton tower.	
11820	- LIGHT 14	45-40-55.086N 121-53-17.070W	Q R	20	4	TR on multi-pile structure.	
11825	STEVENSON LOWER RANGE FRONT LIGHT	45-40-42.002N 121-53-58.535W	Q W	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	- <i>Lighted Buoy 16</i>	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	Q G	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	FI R 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	45-42-39.060N 121-48-23.340W				White and orange ball.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>BONNEVILLE TO THE DALLES (Chart 18532)</b>							
<b>Bonneville Pool</b>							
11857.5	Wind River Regulatory Buoy E	45-42-35.040N 121-48-01.560W				White and orange ball.	Private aid.
11857.6	Wind River Regulatory Buoy F	45-42-31.198N 121-47-40.560W				White and orange ball.	Private aid.
11857.7	Wind River Regulatory Buoy G	45-42-28.260N 121-47-24.840W				White and orange ball.	Private aid.
11857.8	Wind River Regulatory Buoy H	45-42-26.340N 121-47-01.440W				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	FI R 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	Q R	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	Q W	29		KRB on rock face.	Visible all around.
11885	COOK POINT RANGE REAR LIGHT 1,010 yards, 067.5° from front light.	45-42-41.173N 121-39-01.854W	Iso W 6s	58		KRB on skeleton tower.	Visible 4° each side of rangeline.
11890	- 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	Q R	33		KRB on rock face, TR oriented up channel.	Visible all around.
11900	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	- <i>Lighted Buoy 32</i>	45-42-33.525N 121-35-53.136W	FI R 4s		4	Red.	
11910	- <i>Lighted Buoy 34</i>	45-43-22.543N 121-32-39.565W	FI R 2.5s		4	Red.	
11912	<i>White Salmon Shoal Lighted Buoy 33</i>	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	Q W	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.	
<b>Hood River</b>							
11930	- Bridge Approach Buoy 35A	45-43-10.497N 121-29-42.891W				Green can.	
11932	- <i>Lighted Buoy 36</i>	45-43-22.136N 121-30-32.223W	FI R 4s		4	Red.	
11933	- <b>Highway Bridge</b> Columbia River mile: 169.8	45-43-07.000N 121-29-40.000W				Vertical lift bridge.	
11935	- Bridge Approach Buoy 37	45-43-06.033N 121-29-34.504W				Green can.	
11940	- Bridge Approach Buoy 38	45-43-02.251N 121-29-36.910W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>BONNEVILLE TO THE DALLES (Chart 18532)</b>							
<b>Hood River</b>							
11960	- BREAKWATER LIGHT	45-42-54.000N 121-30-24.000W	F Y	13		On pipe.	Private aid.
11965	- MARINA ENTRANCE WEST LIGHT	45-42-58.000N 121-30-03.000W	FI R 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.
<b>Bonneville Pool</b>							
11985	- <i>Lighted Buoy 39</i>	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	Q R	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.	
12005	Bingen Boat Basin Entrance Daybeacon 4	45-42-15.294N 121-27-11.656W				TR on pile.	
12010	- LIGHT 41	45-41-55.803N 121-25-27.703W	FI G 2.5s	11	4	SG on pole on rock.	
12015	- <i>Lighted Buoy 42</i>	45-41-51.386N 121-25-58.859W	FI R 2.5s		4		
12020	- 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.
12030	- LIGHT 47	45-42-22.671N 121-22-40.087W	FI G 6s	39	4	SG on multi-pile structure.	
12035	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.
12040	- LIGHT 48	45-42-04.479N 121-21-55.375W	FI R 4s	26	3	TR on skeleton tower.	
12045	- LIGHT 50	45-42-15.238N 121-20-28.462W	FI R 6s	26	4	TR on multi-pile structure.	
12051	- Daybeacon 51	45-42-19.113N 121-20-25.129W				SG on single steel pile.	
12055	MEMALOOSE ISLAND SOUTH LIGHT 1	45-42-07.017N 121-20-29.772W	FI G 2.5s	28	4	SG on tower.	
12060	Memaloose Island South Daybeacon 2	45-42-02.517N 121-20-29.281W				TR on pile.	Ra ref.
12065	- 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	FI R 4s	21	4	TR on cylinder.	
12075	- Daybeacon 55	45-41-37.719N 121-17-50.931W				SG on dolphin.	Ra ref.
12080	- LIGHT 56	45-41-06.650N 121-17-10.747W	FI R 2.5s	26	5	TR on skeleton tower.	
12085	- LIGHT 57	45-41-17.489N 121-17-11.691W	FI G 2.5s	30	4	SG on skeleton tower.	
12090	- LIGHT 57A	45-40-33.520N 121-14-04.400W	FI G 4s	35	4	SG on skeleton tower.	
12095	- <i>Lighted Buoy 58</i>	45-40-16.730N 121-13-34.249W	FI R 4s		4	Red.	
12100	- LIGHT 60	45-39-51.904N 121-12-59.517W	FI R 6s	22	4	TR on skeleton tower on concrete pile structure.	
12105	- LIGHT 62	45-38-55.641N 121-12-06.739W	FI R 2.5s	40	4	TR on skelton tower.	
12110	- LIGHT 64	45-37-35.475N 121-11-48.061W	FI R 4s	17	4	TR on pole on concrete crib.	
12111.1	DALLESPOUT BOAT BASIN LIGHT 1	45-37-02.060N 121-11-41.370W	FI G 4s			On rock breakwater.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>BONNEVILLE TO THE DALLES (Chart 18532)</b>							
<b>Bonneville Pool</b>							
12111.2	DALLESPOUT BOAT BASIN LIGHT 2	45-37-01.490N 121-11-39.740W	FI R 4s			On cliff.	Private aid.
12111.3	DALLESPOUT BOAT BASIN DOCK LIGHT A	45-37-01.610N 121-11-40.750W	FI Y 6s			On float dock.	Private aid.
12112	<i>The Dalles Commercial Dock Lighted Buoy A</i>	45-36-19.104N 121-11-00.386W	FI Y 2.5s			Yellow.	Private aid.
12114	THE DALLES COMMERCIAL DOCK LIGHT B	45-36-17.745N 121-10-59.657W	FI Y 4s			NY	Private aid.
12116	THE DALLES COMMERCIAL DOCK LIGHT C	45-36-17.043N 121-10-57.555W	FI Y 4s			NY	Private aid.
12118	THE DALLES COMMERCIAL DOCK LIGHT D	45-36-16.418N 121-10-55.806W	FI Y 4s			NY	Private aid.
12119	The Dalles Outfall Daybeacon	45-36-12.254N 121-10-40.270W				NW on piling.	Private aid.
12120	THE DALLES BOAT BASIN LIGHT 2	45-36-07.995N 121-10-26.521W	FI R 4s	19	4	TR on dolphin.	
12130	- <i>Lighted Buoy 69</i>	45-36-33.343N 121-08-52.330W	FI G 2.5s		4	Green.	
12133	<b>SR 197 Highway Bridge</b> Columbia River mile: 191.6	45-36-39.000N 121-08-25.000W				Fixed bridge.	
<b>LAKE CELILO (Chart 18533)</b>							
<b>The Dalles to John Day Dam</b>							
<b>The Dalles Dam</b>							
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.
12140	- 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.
12145	- 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.
<b>Lake Celilo</b>							
12155	- 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.	
12165	- LIGHT 4	45-38-16.242N 121-05-41.418W	FI R 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	FI R 4s	31	4	TR on multi-pile structure.	
12195	- <i>Lighted Buoy 11</i>	45-39-34.561N 121-01-38.853W	FI G 6s		4		
12200	- LIGHT 12	45-39-10.305N 121-00-34.171W	FI R 2.5s	15	3	TR on pile.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>LAKE CELILO (Chart 18533)</b>							
<b>Lake Celilo</b>							
12203	<b>Celilo Railroad Bridge</b> Columbia River mile: 201.2	45-38-56.000N 120-58-54.000W				Vertical lift bridge.	
12205	- LIGHT 18	45-38-44.175N 120-58-20.281W	FI R 4s	15	4	TR on concrete pillar.	
12210	- Daybeacon 20	45-38-55.155N 120-58-01.021W				TR on pillar.	
12215	- BOAT BASIN LIGHT 22	45-39-00.687N 120-57-51.481W	Q R	17	4	TR on concrete pillar.	
12220	Hells Gate Range A Front Daybeacon	45-39-19.199N 120-54-18.306W				KGB on skeleton tower.	
12225	Hells Gate Range A Rear Daybeacon 222 yards, 091.9° from front daybeacon.	45-39-18.977N 120-54-08.918W				KGB on skeleton 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	Q G	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 rangeline.
12245	- SOUTH CHANNEL LIGHT 2	45-38-53.013N 120-56-06.373W	FI R 6s	19	5	TR on skeleton tower.	
12251	- SOUTH CHANNEL LIGHT 3	45-38-51.057N 120-55-45.097W	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	Q G	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 light.	45-38-12.268N 120-53-51.909W	Iso G 6s	81		KRB on skeleton tower.	Visible 4° each side of rangeline.
12265	- South Channel Daybeacon 4	45-38-21.375N 120-55-05.821W				TR on multi-pile.	
12270	- South Channel Daybeacon 5	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	Q G	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 light.	45-37-59.861N 120-54-59.560W	Iso G 6s	81		KRB on skeleton tower.	Visible 4° each side of rangeline.
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	- <i>Lighted Buoy 31</i>	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	FI Y 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.	
<b>Maryhill-Biggs Bridge Approach</b>							
12325	- Buoy 33	45-40-35.789N 120-50-17.308W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>LAKE CELILO (Chart 18533)</b>							
<b>Lake Celilo</b>							
<b>Maryhill-Biggs Bridge Approach</b>							
12330	- Buoy 34	45-40-31.297N 120-50-16.427W				Red nun.	
12333	<b>Biggs-Maryhill Highway Bridge</b> Columbia River mile: 209.2	45-40-36.000N 120-50-11.000W				Fixed bridge.	
12335	- Buoy 35	45-40-38.742N 120-50-04.567W				Green can.	
12340	- Buoy 36	45-40-33.923N 120-50-01.516W				Red nun.	
<b>Lake Celilo</b>							
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.	
12365	- Daybeacon JD	45-42-16.119N 120-43-22.801W				NB on concrete pillar.	
<b>JOHN DAY DAM TO BLALOCK (Chart 18535)</b>							
<b>John Day</b>							
12370	LAKE CELILO LIGHT 46 100 feet outside channel limit.	45-42-34.665N 120-43-01.465W	FI R 6s	28	5	TR on multi-pile structure.	
12375	- RANGE FRONT LIGHT	45-42-55.883N 120-42-15.819W	Q G	19		KRB on lock wall.	Visible 5.5° each side of rangeline.
12380	- 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.
12385	- DAM LOWER BREAKWATER LIGHT 2	45-42-55.904N 120-42-15.801W	FI R 2s			On breakwater.	Maintained by U.S. Army Corps of Engineers. Private aid.
12390	- DAM LOWER GUIDEWALL LIGHT A 700 feet below lock gate.	45-43-02.129N 120-42-03.546W	F Y			On guidewall.	Maintained by U.S. Army Corps of Engineers. Private aid.
<b>Lake Umatilla</b>							
12395	- LIGHT 1	45-43-24.555N 120-41-23.521W	FI G 2.5s	20	5	SG on pile.	On rock pinnacle.
12400	- <i>Lighted Buoy 2</i> Marks restricted area.	45-43-21.324N 120-41-14.523W	FI R 4s		3	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.
12410	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.
12415	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.
12420	- Daybeacon 4	45-44-09.015N 120-38-45.661W				TR on skeleton tower.	
12425	- LIGHT 5	45-45-02.877N 120-37-40.135W	FI G 4s	27	4	SG on skeleton tower.	
12430	- LIGHT 6	45-44-13.089N 120-34-36.061W	FI R 2.5s	61	4	TR on platform.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>JOHN DAY DAM TO BLALOCK (Chart 18535)</b>							
<b>Lake Umatilla</b>							
12435	- <i>Lighted Buoy 8</i>	45-42-32.050N 120-31-20.260W	FI R 4s		4	Red.	
12440	- LIGHT 9	45-42-18.555N 120-30-10.500W	FI G 4s	22	4	SG on skeleton tower.	
12445	- <i>Lighted Buoy 10</i>	45-41-50.377N 120-30-18.926W	FI R 6s		4	Red.	
12450	- LIGHT 12	45-41-28.695N 120-27-55.440W	FI R 2.5s	15	4	TR on pile.	
12455	- LIGHT 11	45-42-09.375N 120-27-37.680W	FI G 6s	55	4	SG on skeleton tower.	
12460	- 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.	
<b>SUNDALE TO HEPPNER JUNCTION (Chart 18536)</b>							
<b>Lake Umatilla</b>							
12470	- 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	FI R 4s	35	4	TR on skeleton tower.	
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	FI R 6s			TR on pipe pole.	Private aid.
12485	ARLINGTON GRAIN TOWER LIGHT	45-43-26.200N 120-12-21.060W	FI Y 6s			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	FI R 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	FI R 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.	
<b>ALDERDALE TO BLALOCK ISLANDS (Chart 18537)</b>							
<b>Lake Umatilla</b>							
12525	- LIGHT 28	45-49-02.254N 119-58-04.548W	FI R 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	FI R 6s	15	4	TR on multi-pile structure.	
12550	- LIGHT 34	45-50-38.092N 119-49-02.304W	FI R 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	FI R 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>ALDERDALE TO BLALOCK ISLANDS (Chart 18537)</b>							
<b>Lake Umatilla</b>							
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	FI R 4s	17	4	TR on platform.	
12595	MESSNER MIDDLE RANGE FRONT LIGHT	45-51-34.880N 119-39-34.015W	Q W	37		KRB on square wooden tower.	Visible all around; higher intensity 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	FI R 4s	15	4	TR on pile.	
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	Q R	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.
12625	- LIGHT 43	45-51-56.248N 119-39-41.340W	FI G 6s	17	4	SG on multi-pile structure.	
12626.5	<i>Boardman Water Intake Pipe Lighted Buoy A</i>	45-51-49.210N 119-39-22.460W	FI W 4s			White and orange can.	Private aid.
12627	<i>Boardman Water Intake Pipe Lighted Buoy B</i>	45-51-51.321N 119-39-21.502W	FI W 4s			White and orange can.	Private aid.
12627.5	<i>Boardman Water Intake Pipe Lighted Buoy C</i>	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.	
<b>BLALOCK ISLAND TO McNARY DAM (CHART 18539)</b>							
<b>Lake Umatilla</b>							
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	FI R 4s	19	4	TR on pile.	
12650	- LIGHT 51	45-54-52.998N 119-36-48.492W	Q G	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	Q R	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>BLALOCK ISLAND TO McNARY DAM (CHART 18539)</b>							
<b>Lake Umatilla</b>							
12690	IRRIGON MIDDLE RANGE FRONT LIGHT 67	45-55-19.217N 119-26-32.636W	Q G	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	FI R 4s	18	4	TR on multi-pile structure.	
12710	PUMP STATION INTAKE LIGHT	45-54-52.000N 119-25-53.000W	FI R 10s			On end of intake pipe.	Private aid.
12715	IRRIGON UPPER RANGE FRONT LIGHT	45-55-09.065N 119-27-29.945W	Q W	49		KRB on skeleton tower.	Visible 4° each side of rangeline.
12720	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	FI R 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	<b>I-82 Highway Bridge (south bound)</b> Columbia River mile: 290.5	45-55-51.000N 119-19-41.000W				Fixed bridge.	
12753	<b>I-82 Highway Bridge (north bound)</b> 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	Q G	58		KRW on skeleton tower.	Visible 4° each side of rangeline.
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 rangeline.
12775.1	MCNARY DAM OUTFALL PIPE LIGHT A	45-56-10.640N 119-18-21.971W	FI Y 2s			NY on end of outfall.	Private aid.
12775.2	MCNARY DAM OUTFALL PIPE LIGHT B	45-56-07.991N 119-18-20.942W	FI Y 4s			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	FI Y 4s			On outfall pipe.	Private aid.
12775.5	MCNARY DAM OUTFALL PIPE LIGHT E	45-56-00.127N 119-18-17.903W	FI Y 4s			On outfall pipe.	Private aid.
12780	<b>McNary Lock Highway Bridge</b> Columbia River mile: 292.5	45-56-26.000N 119-17-56.000W				Bascul bridge.	
<b>MCNARY DAM TO JUNIPER (Chart 18541)</b>							
<b>Lake Wallula</b>							
<b>McNary Boat Ramp</b>							
12815	<i>Lake Wallula Lighted Buoy 2</i>	45-56-27.768N 119-17-16.291W	FI R 4s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>MCNARY DAM TO JUNIPER (Chart 18541)</b>							
<b>Lake Wallula</b>							
<b>McNary Dam</b>							
<i>Buoys mark restricted area.</i>							
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.
12835	- 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	<i>McNary Research Lighted Float</i>	45-56-15.250N 119-17-07.700W	FI Y 6s			On float.	Private aid.
<b>Lake Wallula</b>							
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	FI R 6s	17	6	TR on tower.	
12873	- <i>Pump Station Lighted Buoys (5)</i>	45-55-24.540N 119-07-19.350W	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	FI R 4s	80	4	TR on tower.	
<b>JUNIPER TO PASCO (Chart 18542)</b>							
<b>Lake Wallula</b>							
12900	Port Kelley Range A Front Daybeacon	46-01-35.481N 118-56-10.004W				KRB on skeleton tower.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>JUNIPER TO PASCO (Chart 18542)</b>							
<b>Lake Wallula</b>							
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	F Y	10		On floating breakwater.	Private aid.
12910	- LIGHT 20	46-02-42.297N 118-56-25.765W	FI R 6s	22	5	TR on tower.	
12915	- LIGHT 22	46-03-45.027N 118-56-20.005W	FI R 4s	17	4	TR on pile.	
12942	WALLULA WATER INTAKE LIGHT A	46-05-05.514N 118-55-26.317W	FI Y 4s			On steel structure.	Private aid.
12965	- LIGHT 23	46-03-56.168N 118-57-00.627W	FI G 4s	16	4	SG on platform.	
12970	- LIGHT 26	46-06-05.898N 118-57-03.853W	FI R 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.	
12980	- WEST CHANNEL JUNCTION LIGHT W	46-07-34.114N 118-58-18.996W	FI (2+1)G 6s	24	4	JG on multi-pile structure.	
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	FI R 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	FI R 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	FI R 6s	40	5	TR on skeleton tower.	
13020	HEDGES TERMINAL WHARF NORTH LIGHT	46-10-33.000N 119-01-14.000W	F Y	17		On dolphin.	Private aid.
13025	HEDGES TERMINAL WHARF SOUTH LIGHT	46-10-30.000N 119-01-10.000W	F Y	17		On dolphin.	Private aid.
13027	<b>Kalan Railroad Bridge</b> Columbia River mile: 323.4	46-10-41.000N 119-01-07.000W				Vertical lift bridge.	
13027.5	<b>KALAN RAILROAD BRIDGE RACON K</b>	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	FI R 6s	16	5	TR on pile.	
13051	<b>Kennewick-Pasco Railroad Bridge</b> Columbia River mile: 328	46-12-57.000N 119-05-48.000W				Vertical lift bridge.	
<b>PASCO TO RICHLAND (Chart 18543)</b>							
<b>Lake Wallula</b>							
13052	KENNEWICK WATER INTAKE LIGHTS (2)	46-12-53.291N 119-06-16.564W	F Y			On corners of water intake.	Private aid.
<b>JUNIPER TO PASCO (Chart 18542)</b>							
<b>Lake Wallula</b>							
13052.5	<b>Pasco-Kennewick Highway Bridge</b> Columbia River mile: 328.4	46-13-03.000N 119-06-19.000W				Fixed bridge.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>PASCO TO RICHLAND (Chart 18543)</b>							
<b>Lake Wallula</b>							
13053	CLOVER ISLAND LIGHTHOUSE	46-13-03.570N 119-06-58.610W	FI W 4s	35		Black and tan conical tower.	Private aid.
13055	- LIGHT 49	46-13-17.458N 119-07-13.158W	FI G 4s	12	4	SG on pile.	
13057	<b>US-395 12 Blue Highway Bridge</b> Columbia River mile 330.0	46-13-29.000N 119-08-09.000W				Fixed bridge.	
13060	- LIGHT 52	46-14-02.086N 119-11-26.310W	FI R 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.	
<b>JUNIPER TO PASCO (Chart 18542)</b>							
<b>Lake Wallula</b>							
13080	<b>Interstate 182 Highway Bridge</b> Columbia River mile: 336.0	46-15-52.000N 119-14-33.000W				Fixed bridge.	
<b>PASCO TO RICHLAND (Chart 18543)</b>							
<b>Lake Wallula</b>							
13081	<i>Pasco Water Intake Lighted Warning Buoy A</i>	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	<i>Pasco Water Intake Lighted Warning Buoy C</i>	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	F Y	10		White building.	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.
<b>Rock Island Pool</b>							
13103	<b>Olds Station Highway Bridge</b> Columbia River mile: 469.1	47-28-16.000N 120-19-00.000W				Fixed bridge.	
<b>SNAKE RIVER - Thirteenth District</b>							
<b>LAKE SACAJAWEA (Chart 18545)</b>							
<b>Snake River</b> <i>Mileage from mouth of Snake River in statute miles.</i>							
13105	- MILE 1 RANGE FRONT LIGHT	46-12-18.904N 119-02-09.300W	Q W	26		KRB on skeleton tower.	Visible 14° each side of 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	<b>East Pasco Railroad Bridge</b> Snake River mile: 1.5	46-12-26.000N 119-01-53.000W				Vertical lift bridge.	
13113	<b>SR-12 Highway Bridge (east bound)</b> Snake River mile: 2.2	46-12-57.000N 119-01-21.000W				Fixed bridge.	
13113.5	<b>SR-12 Highway Bridge (west bound)</b> 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	Q R	44		KRW on skeleton tower.	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
<b>SNAKE RIVER - Thirteenth District</b>							
<b>LAKE SACAJAWEA (Chart 18545)</b>							
<b>Snake River</b>							
<i>Mileage from mouth of Snake River in statute miles.</i>							
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	Q G	97		KRW on skeleton tower.	Visible 4° each side of rangeline.
13135	- MILE 5 RANGE REAR LIGHT 270 yards, 043.5° from front light.	46-14-34.440N 118-58-16.105W	Iso G 6s	128		KRW on skeleton tower.	Visible 4° each side of rangeline.
13140	- Daybeacon 4	46-13-42.529N 118-59-23.988W				TR on pile.	
13145	- <i>Lighted Buoy 5</i>	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	Q W	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	- <i>Lighted Buoy 8</i>	46-14-23.153N 118-57-28.474W	FI R 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.
<b>Lake Sacajawea</b>							
<b>Ice Harbor Dam</b>							
13225	- 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>SNAKE RIVER - Thirteenth District</b>							
<b>LAKE SACAJAWEA (Chart 18545)</b>							
<b>Lake Sacajawea</b>							
<b>Ice Harbor Dam</b>							
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.
<b>Lake Sacajawea</b>							
13255	- Daybeacon 1	46-15-11.740N 118-52-19.764W				SG on post.	
13260	- <i>Lighted Buoy 2</i>	46-15-05.255N 118-52-14.388W	FI R 4s		4	Red.	
13263	<i>Ice Harbor Research Lighted Float</i>	46-15-00.510N 118-52-05.080W	FI Y 6s			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	FI R 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	FI R 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	FI R 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>SNAKE RIVER - Thirteenth District</b>							
<b>LAKE SACAJAWEA (Chart 18545)</b>							
<b>Lake Sacajawea</b>							
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.	
13445	WINDUST RANGE FRONT LIGHT	46-31-58.833N 118-34-51.831W	Q W	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	FI R 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	46-33-24.430N 118-32-51.990W	FI Y 2s			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	FI Y 4s			On pipe.	Private aid.
13482.3	LOWER MONUMENTAL DAM FISH BYPASS PIPE LIGHT C	46-33-25.650N 118-32-54.460W	FI Y 4s			On pipe.	Private aid.
13482.4	LOWER MONUMENTAL DAM FISH BYPASS PIPE LIGHT D	46-33-26.260N 118-32-55.660W	FI Y 4s			On pipe.	Private aid.
<b>Lower Monumental Dam</b> <i>Buoys mark restricted area.</i>							
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	<i>Lower Monumental Lighted Buoy 3</i>	46-33-52.092N 118-31-53.637W	FI G 4s		4	Green.	
13507	<i>Lower Monumental Research Lighted Float</i>	46-33-54.100N 118-31-56.470W	FI Y 6s			Yellow pontoon float.	Private aid.
<b>LAKE HERBERT G. WEST (Chart 18546)</b>							
<b>Lower Monumental</b>							
13510	- LIGHT 4	46-34-11.579N 118-30-39.480W	FI R 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>SNAKE RIVER - Thirteenth District</b>							
<b>LAKE HERBERT G. WEST (Chart 18546)</b>							
<b>Lower Monumental</b>							
13520	- LIGHT 6	46-34-40.049N 118-29-05.628W	FI R 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.	
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	FI R 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	46-35-01.667N 118-23-30.858W	FI G 2.5s	24	4	SG on skeleton tower.	
13565	- LIGHT 18	46-34-43.319N 118-22-58.374W	FI R 6s	15	4	TR on platform.	
13570	- LIGHT 19	46-35-46.265N 118-22-11.490W	FI G 6s	12	4	SG on platform.	
13575	- LIGHT 20	46-36-06.965N 118-19-57.612W	FI R 4s	10	4	TR on skeleton tower.	
13580	- LIGHT 21	46-36-31.223N 118-18-39.124W	FI G 2.5s	18	4	SG on platform.	
13585	- LIGHT 22	46-35-59.821N 118-18-04.641W	FI R 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	FI R 4s	24	4	TR on skeleton tower.	
13607	<b>Joso Railroad Bridge</b> 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	FI R 6s	7	4	TR on pole.	
13612	<b>Lyons Ferry Highway Bridge</b> 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	<b>Sargent Railroad Bridge</b> 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	3	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	FI R 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	FI R 6s	16	4	TR on platform.	
13655	MCGUIRE RANGE FRONT LIGHT	46-34-25.005N 118-04-35.699W	Q R	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>SNAKE RIVER - Thirteenth District</b>							
<b>LAKE HERBERT G. WEST (Chart 18546)</b>							
<b>Lower Monumental</b>							
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	FI Y 2s			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	FI Y 4s			Marks outfall pipe.	Private aid.
13672.3	LITTLE GOOSE DAM FISH BYPASS PIPE LIGHT C	46-35-01.352N 118-01-59.139W	FI Y 4s			Marks outfall pipe.	Private aid.
13672.4	LITTLE GOOSE DAM FISH BYPASS PIPE LIGHT D	46-35-00.389N 118-01-58.880W	FI Y 4s			Marks outfall pipe.	Private aid.
13672.5	LITTLE GOOSE DAM FISH BYPASS PIPE LIGHT E	46-34-59.428N 118-01-58.370W	FI Y 4s			Marks outfall pipe.	Private aid.
13672.6	LITTLE GOOSE DAM FISH BYPASS PIPE LIGHT F	46-34-58.458N 118-01-58.370W	FI Y 4s			Marks outfall pipe.	Private aid.
<b>LAKE BRYAN (Chart 18547)</b>							
13675	<i>Little Goose Reservoir Lighted Buoy 1</i>	46-35-08.433N 118-01-04.979W	FI G 4s		4	Green.	
<b>Little Goose Dam</b>							
13680	- 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>SNAKE RIVER - Thirteenth District</b>							
<b>LAKE BRYAN (Chart 18547)</b>							
<b>Little Goose Dam</b>							
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.
<b>Little Goose Reservoir</b>							
13697	<i>Little Goose Research Lighted Float</i>	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	FI R 4s	21	4	TR on platform.	
13705	- LIGHT 3	46-35-24.548N 117-59-28.962W	FI G 6s	34	4	SG on skeleton tower.	
13710	- LIGHT 4	46-35-10.547N 117-56-04.740W	FI R 6s	33	4	TR on platform.	
13715	- LIGHT 5	46-35-20.305N 117-54-53.133W	FI G 2.5s	15	4	SG on multi-pile structure.	
13720	- LIGHT 6	46-35-12.785N 117-53-00.174W	FI R 2.5s	18	4	TR on platform.	
13725	- LIGHT 7	46-35-33.978N 117-53-24.012W	FI G 4s	10	4	SG on platform.	
13730	- LIGHT 8	46-36-24.869N 117-52-32.220W	FI R 4s	15	4	TR on skeleton tower.	
13735	- LIGHT 9	46-37-16.835N 117-52-16.716W	FI G 2.5s	12	4	SG on platform.	
13740	- LIGHT 10	46-37-22.361N 117-51-00.020W	FI R 6s	27	4	TR on skeleton tower.	
13745	- LIGHT 11	46-37-42.062N 117-51-03.221W	FI G 4s	8	4	SG on platform.	
13750	- LIGHT 12	46-37-17.699N 117-49-03.474W	FI R 2.5s	58	4	TR on platform.	
13755	- Buoy 13	46-37-31.664N 117-48-56.400W				Green can.	
13757	<b>Central Ferry Highway Bridge</b> Snake River mile: 83.2	46-37-34.000N 117-47-55.000W				Fixed bridge.	
13760	- LIGHT 14	46-38-56.569N 117-46-01.397W	FI R 4s	13	4	TR on platform.	
13765	- LIGHT 15	46-39-00.155N 117-46-19.476W	FI G 4s	16	4	SG on multi-pile structure.	
13770	- LIGHT 16	46-40-21.233N 117-45-33.264W	FI R 6s	25	5	TR on multi-pile structure.	
13775	- LIGHT 17	46-41-26.609N 117-45-06.966W	FI G 6s	13	4	SG on platform.	
13785	- LIGHT 19	46-42-02.255N 117-42-43.916W	FI G 2.5s	14	4	SG on multi-pile structure.	
13795	- LIGHT 21	46-42-16.973N 117-40-22.782W	FI G 4s	14	4	SG on platform.	
13800	- LIGHT 22	46-42-02.083N 117-39-34.833W	FI R 2.5s	18	4	TR on pile.	
13805	- LIGHT 23	46-42-10.475N 117-39-17.934W	FI G 6s	15	4	SG on platform.	
13810	- LIGHT 24	46-41-48.689N 117-38-55.182W	FI R 4s	27	4	TR on pile.	
13815	- LIGHT 25	46-40-48.293N 117-37-26.648W	FI G 4s	20	4	SG on pile.	
13820	- LIGHT 26	46-40-20.131N 117-36-47.717W	FI R 2.5s	27	3	TR on skeleton tower.	
13825	- LIGHT 27	46-40-32.327N 117-35-31.524W	FI G 6s	20	4	SG on skeleton tower.	
13830	- LIGHT 28	46-40-36.643N 117-33-48.489W	FI R 4s	10	4	TR on skeleton tower.	
13833	- Buoy 28A	46-40-45.576N 117-33-04.435W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>SNAKE RIVER - Thirteenth District</b>							
<b>LAKE BRYAN (Chart 18547)</b>							
<b>Little Goose Reservoir</b>							
13835	- LIGHT 29	46-40-49.153N 117-32-18.783W	FI G 4s	18	4	SG on pile.	
13840	- LIGHT 30	46-40-32.825N 117-31-27.540W	FI R 2.5s	18	4	TR on tower.	
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 FRONT LIGHT	46-41-33.674N 117-29-29.008W	Q R	12		KRW on multi-pile structure.	Visible all around.
13850	SCHULTZ BAR RANGE REAR LIGHT 483 yards, 053.1° from front light.	46-41-42.277N 117-29-12.373W	Iso R 6s	30		KRW on skeleton tower, on multi-pile structure.	Visible all around.
13855	- Buoy 31	46-40-49.390N 117-30-57.726W				Green can.	
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	46-41-42.827N 117-29-37.710W	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	Q W	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.
13917	- Buoy 48	46-39-52.018N 117-26-17.128W				Red nun.	
<b>LOWER GRANITE LAKE (Chart 18548)</b>							
<b>Lower Granite Reservoir</b>							
<b>Lower Granite Dam</b>							
<i>Buoys mark restricted area.</i>							
13920	- Buoy A	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.
13925	- Buoy B	46-39-25.644N 117-25-24.376W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13930	- Buoy C	46-39-21.017N 117-25-18.460W				White can with orange bands and orange diamond with orange center cross worded DAM.	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
<b>SNAKE RIVER - Thirteenth District</b>							
<b>LOWER GRANITE LAKE (Chart 18548)</b>							
<b>Lower Granite Reservoir</b>							
<b>Lower Granite Dam</b>							
<i>Buoys mark restricted area.</i>							
13935	- Buoy D	46-39-18.617N 117-25-19.660W				White can with orange bands and orange diamond with orange center cross worded DAM.	Aid maintained by U.S. Army Corps of Engineers.
13937	<i>Lower Granite Research Lighted Float</i>	46-39-23.180N 117-25-17.600W	FI Y 6s				Private aid.
<b>Lower Granite Reservoir</b>							
13940	- LIGHT 4	46-38-58.121N 117-23-49.146W	FI R 4s	33	4	TR on platform, on pole.	
13945	- LIGHT 5	46-39-07.379N 117-23-07.722W	FI G 2.5s	19	4	SG on pole.	
13950	- LIGHT 6	46-37-07.848N 117-23-20.814W	FI R 6s	45	4	TR on platform.	
13955	- LIGHT 8	46-36-04.136N 117-21-41.024W	FI R 4s	43	4	TR on tower.	
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.	
13970	- LIGHT 12	46-32-32.142N 117-15-21.319W	FI R 4s	21	4	TR on skeleton tower.	
13975	- LIGHT 14	46-30-10.235N 117-14-05.664W	FI R 6s	10	4	TR on skeleton tower.	
13980	- LIGHT 16	46-28-18.333N 117-14-27.908W	FI R 4s	16	3	TR on platform on cliff face.	
13981	- 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.	
13995	- 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	FI R 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.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>SNAKE RIVER - Thirteenth District</b>							
<b>LOWER GRANITE LAKE (Chart 18548)</b>							
<b>Lower Granite Reservoir</b>							
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	Q Y			On piling.	Maintained by U.S. Army Corps of Engineers. Private aid.
14020	- LIGHT 24	46-25-40.079N 117-08-45.191W	FI R 4s	15	4	TR on pole.	
14025	- LIGHT 25	46-25-53.969N 117-08-48.953W	FI G 4s	13	4	SG on pole.	
14030	- LIGHT 26	46-25-37.409N 117-08-10.715W	FI R 2.5s	16	4	TR on pole.	
14035	- LIGHT 28	46-25-09.857N 117-06-40.433W	FI R 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.
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	<i>Slaughterhouse Warning Lighted Buoy C</i>	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	<b>Red Wolf Crossing Highway Bridge</b> Snake River mile: 137.4	46-25-28.000N 117-04-19.000W				Fixed bridge.	
14045	<i>Greenbelt Sand Bar Warning Lighted Buoy A</i>	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	<i>Greenbelt Sand Bar Warning Lighted Buoy B</i>	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	<i>Greenbelt Sand Bar Warning Lighted Buoy C</i>	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	<i>Greenbelt Sand Bar Warning Lighted Buoy D</i>	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	<b>SR-12 Highway Bridge</b> 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	<b>Lewiston-Clarkston Highway Bridge</b> Snake River mile: 141.3	46-23-43.000N 117-02-25.000W				Fixed bridge.	
14055	<i>Swallows Water Intake Lighted Buoy</i>	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.
<b>LAKE HERBERT G. WEST (Chart 18546)</b>							
<b>Palouse River</b>							
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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>SNAKE RIVER - Thirteenth District</b>							
<b>LAKE HERBERT G. WEST (Chart 18546)</b>							
<b>Palouse River</b>							
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. Private aid.
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.
<b>LOWER GRANITE LAKE (Chart 18548)</b>							
<b>Clearwater River</b>							
14070	<b>Camas Prairie Railroad Bridge</b> Clearwater river mile: 0.6	46-25-33.000N 117-01-34.000W				Vertical lift bridge.	
14072	<b>Clearwater Memorial Highway Bridge</b> Clearwater River mile: 2.0	46-25-08.000N 117-00-00.000W				Fixed bridge.	
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>FRANKLIN D. ROOSEVELT LAKE (Southern Part) (Chart 18551)</b>							
<b>Franklin D. Roosevelt Lake</b> <i>Reported discrepancies during the winter months will not be corrected until the month of June each year.</i>							
14125	- LIGHT A	47-56-48.869N 118-56-08.150W	Fl W 4s	12	5	NR on platform.	
14130	- Buoy 2	47-57-01.109N 118-52-01.604W				Red nun.	
14135	- LIGHT B	47-57-42.215N 118-51-38.630W	Fl W 6s	14	5	NR on box.	
14140	- LIGHT C	47-55-12.197N 118-49-01.430W	Fl W 2.5s	16	5	NR on box.	
14145	- Buoy 3	47-54-23.783N 118-43-33.626W				Green can.	
14150	- LIGHT D	47-54-00.437N 118-43-03.602W	Fl W 4s	20	5	NR on box.	
14155	- Buoy 5	47-54-41.579N 118-43-09.998W				Green can.	
14160	- Buoy 6	47-55-39.638N 118-42-03.699W				Red nun.	
14165	- Buoy 8	47-55-48.734N 118-41-57.658W				Red nun.	
14170	- LIGHT E	47-56-46.571N 118-41-27.650W	Fl W 6s	16	5	NR on box.	
14175	- LIGHT F	47-55-51.089N 118-37-00.680W	Fl W 2.5s	18	4	NR on box.	
14180	- LIGHT G	47-56-05.771N 118-32-41.990W	Fl 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	Fl W 6s	16	5	NR on box.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>FRANKLIN D. ROOSEVELT LAKE (Southern Part) (Chart 18551)</b>							
<b>Franklin D. Roosevelt Lake</b>							
<i>Reported discrepancies during the winter months will not be corrected until the month of June each year.</i>							
14195	- LIGHT I	47-52-45.911N 118-27-20.552W	Fl W 2.5s	16	4	NR on box.	
14200	- LIGHT J	47-50-25.949N 118-26-52.052W	Fl W 4s	12	5	NR on posts.	
14205	- LIGHT K	47-51-34.283N 118-21-56.636W	Fl W 6s	23	5	NR on tower.	
<b>Spokane River Arm</b>							
<i>Reported discrepancies during the winter months will not be corrected until the month of June each year.</i>							
14210	- JUNCTION LIGHT S	47-53-57.317N 118-20-04.898W	Fl (2+1)R 6s	23	4	JR on tower.	
14211	<b>Fort Spokane Highway Bridge</b> 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	Fl W 4s	44	4	NR on skeleton tower.	
14220	- LIGHT B	47-56-48.611N 118-12-44.912W	Fl W 6s	16	5	NR on platform.	
14225	- LIGHT C	47-53-20.225N 118-09-50.444W	Fl 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	Fl 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.
<b>Franklin D. Roosevelt Lake</b>							
<i>Reported discrepancies during the winter months will not be corrected until the month of June each year.</i>							
14260	- Buoy 12	47-55-24.599N 118-20-53.444W				Red nun.	
14265	- LIGHT L	47-56-12.209N 118-21-43.394W	Fl 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	Fl W 4s	12	4	NR on box.	
14280	- LIGHT N	48-01-02.903N 118-24-10.160W	Fl W 6s	16	5	NR on box.	
14285	- LIGHT O	48-02-49.331N 118-21-59.450W	Fl W 2.5s	18	4	NR on tower.	
14290	- LIGHT P	48-02-17.014N 118-17-29.317W	Fl W 4s	14	5	NR on box.	
14295	- LIGHT Q	48-03-23.453N 118-14-06.326W	Fl W 6s	16	5	NR on box.	
14300	- LIGHT R	48-07-05.067N 118-15-29.317W	Fl W 2.5s	12	4	NR on box, on side of cliff.	
<b>FRANKLIN D. ROOSEVELT LAKE (Northern Part) (Chart 18553)</b>							
<b>Franklin D. Roosevelt Lake</b>							
<i>Reported discrepancies during the winter months will not be corrected until the month of June each year.</i>							
14305	- LIGHT T	48-08-49.433N 118-11-26.624W	Fl W 4s	10	4	NR on box.	
14310	- LIGHT U	48-12-26.633N 118-11-58.256W	Fl W 6s	12	5	NR on box.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>FRANKLIN D. ROOSEVELT LAKE (Northern Part) (Chart 18553)</b>							
<b>Franklin D. Roosevelt Lake</b>							
<i>Reported discrepancies during the winter months will not be corrected until the month of June each year.</i>							
14315	- LIGHT V	48-14-30.803N 118-08-44.276W	Fl W 2.5s	15	4	NR on box.	
14320	- LIGHT W	48-15-29.279N 118-08-14.048W	Fl W 4s	8	5	NR on tower.	
14324	GIFFORD FERRY DOCK LIGHT	48-16-40.079N 118-08-20.972W	Fl Y 4s			On single pile.	Private aid.
14326	INCHELIUM FERRY DOCK LIGHT	48-16-41.405N 118-09-08.200W	Fl Y 4s			On single pile.	Private aid.
14330	- LIGHT X	48-21-37.949N 118-11-15.422W	Fl W 6s	16	5	NR on posts.	
14335	- LIGHT Y	48-26-45.059N 118-12-47.786W	Fl W 2.5s	15	5	NR on tower.	
14345	- LIGHT AA	48-29-48.437N 118-11-08.864W	Fl W 4s	10	4	NB on box.	
14350	- LIGHT BB	48-32-42.965N 118-08-24.758W	Fl W 6s	10	5	NR on box.	
14355	- Buoy 15	48-33-20.939N 118-08-34.388W				Green can.	
14357	<i>Rickey Point Sailing Club Lighted Buoy</i>	48-33-41.010N 118-07-22.900W	Fl W 10s			White and orange buoy.	Private aid.
14360	- LIGHT CC	48-34-49.847N 118-07-53.042W	Fl W 2.5s	30	4	NR on posts.	
14365	- Buoy 16	48-34-54.101N 118-07-24.164W				Red nun.	
14370	- Buoy 18	48-35-02.813N 118-07-21.026W				Red nun.	
14371	<b>Kettle Falls Highway Bridge</b> Columbia River mile: 703.2	48-37-33.000N 118-07-00.000W				Fixed bridge.	
14372	<b>Kettle Falls Railroad Bridge</b> Columbia River mile: 703.3	48-37-33.000N 118-07-00.000W				Fixed bridge.	
14373	Kettle River Boom Support Buoy A	48-40-07.406N 118-06-30.855W				Orange steel ball.	Private aid.
14373.1	Kettle River Boom Support Buoy B	48-40-12.655N 118-06-27.273W				Orange steel ball.	Private aid.
14373.2	Kettle River Boom Passage Gate Buoy 1	48-40-22.526N 118-06-26.423W				Green steel ball.	Private aid.
14373.3	Kettle River Boom Passage Gate Buoy 2	48-40-27.051N 118-06-32.587W				Red steel ball.	Private aid.
14373.4	Kettle River Boom Passage Gate Buoy 3	48-40-23.984N 118-06-35.734W				Green steel Ball.	Private aid.
14373.5	Kettle River Boom Passage Gate Buoy 4	48-40-26.522N 118-06-35.251W				Red steel ball.	Private aid.
14373.6	Kettle River Boom Support Buoy C	48-40-31.465N 118-06-23.018W				Orange steel ball.	Private aid.
14373.7	Kettle River Boom Support Buoy D	48-40-33.160N 118-06-30.614W				Orange steel ball.	Private aid.
14373.8	Kettle River Boom Support Buoy E	48-40-33.038N 118-06-36.629W				Orange steel ball.	Private aid.
14373.9	Kettle River Boom Support Buoy F	48-40-32.905N 118-06-41.749W				Orange steel ball.	Private aid.
14375	- Buoy 19	48-40-52.055N 118-01-45.921W				Green can.	
14380	- Buoy 20	48-42-06.089N 118-01-40.287W				Red nun.	
14385	- Buoy 22	48-45-45.779N 118-02-32.739W				Red nun.	
14390	- Buoy 24	48-47-16.421N 118-00-24.207W				Red nun.	
<b>China Bar</b>							
<i>Aids maintained from June 1 to Nov. 1.</i>							
14395	- LIGHT 1	48-49-15.000N 117-56-06.000W	Fl G 10s	6		On box.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>FRANKLIN D. ROOSEVELT LAKE (Northern Part) (Chart 18553)</b>							
<b>Franklin D. Roosevelt Lake</b>							
<b>China Bar</b>							
<i>Aids maintained from June 1 to Nov. 1.</i>							
14400	- LIGHT 3	48-49-31.000N 117-55-47.000W	FI G 10s	6		On box.	Private aid.
14405	- Lighted Buoy 5	48-49-52.000N 117-55-47.000W	FI G 10s			On raft.	Private aid.
14410	- Lighted Buoy 7	48-50-18.000N 117-55-30.000W	FI G 10s			On raft.	Private aid.
<b>PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)</b>							
<b>Baker Bay West Channel</b>							
14415	- ENTRANCE JETTY LIGHT 1	46-16-07.298N 124-01-48.885W	FI G 4s	15	4	SG on multi-pile structure.	
14420	- ENTRANCE JETTY LIGHT 2	46-16-10.886N 124-01-46.087W	FI R 2.5s	15	4	TR on multi-pile structure.	
14425	- Buoy 3	46-16-14.909N 124-01-50.152W				Green can.	Position shifted with changing conditions.
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	FI R 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	FI R 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	Q R	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	FI R 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	FI R 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.	
<b>Chinook Channel</b>							
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	FI R 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)</b>							
<b>Chinook Channel</b>							
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	Q R	15	4	TR on dolphin.	Ra ref.
<b>Hammond Boat Basin</b>							
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.	
<b>Skipanon Waterway</b>							
14550	- WEST LIGHT 4	46-11-03.926N 123-54-29.609W	FI R 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	Q R	23		KRB on skeleton tower.	Visible 4° each side of rangeline.
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.
<b>Youngs Bay</b>							
14570	- ENTRANCE LIGHT 2	46-10-52.013N 123-52-46.680W	FI R 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	<b>Old Youngs Bay Highway Bridge</b> Youngs Bay mile: 2.4	46-10-08.000N 123-50-17.000W				Bascul bridge.	
<b>Lewis and Clark River</b>							
14585	- 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				Bascul bridge.	
<b>North Channel</b>							
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	<b>Astoria Highway Bridge (north channel)</b> 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)</b>							
<b>Grays Bay</b>							
<b>Deep River Channel</b>							
14690	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.	
<b>Cathlamet Bay South Channel</b>							
14720	- LIGHT 2	46-12-45.898N 123-45-23.299W	Q R	18	4	TR on pole.	
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	FI R 6s	24	4	TR on multi-pile structure.	
14740	- Daybeacon 10	46-10-26.744N 123-43-25.416W				TR on pile.	
<b>John Day River</b>							
14742	<b>Pacific and Western Railroad Bridge</b> John Day River mile: 0.1	46-10-51.000N 123-44-27.000W				Swing bridge.	
<b>Cathlamet Bay North Channel</b>							
14745	- LIGHT 3	46-12-37.313N 123-42-51.448W	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	FI R 4s	17	4	TR on pile.	
<b>HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)</b>							
<b>Cathlamet Bay Prairie Channel</b>							
14765	- 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.	Higher intensity beam up and down channel.
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.	
<b>Blind Slough</b>							
14810	<b>Pacific and Western Railroad Bridge</b> Blind Slough mile: 1.1	46-12-10.000N 123-33-40.000W				Swing bridge.	
<b>Clatskanie River</b>							
14815	<b>Pacific and Western Railroad Bridge</b> Clatskanie River mile 0.7.	46-06-46.000N 123-12-41.000W				Swing bridge.	
<b>CRIMS ISLAND TO VANCOUVER (Chart 18524)</b>							
<b>Multnomah Channel</b>							
14820	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLUMBIA RIVER - Thirteenth District</b>							
<b>CRIMS ISLAND TO VANCOUVER (Chart 18524)</b>							
<b>Multnomah Channel</b>							
14827.2	<i>Saint Helens Regulatory Lighted Buoy B</i>	45-52-18.260N 122-47-50.680W	Fl W 2s			White with orange markings.	Private aid.
14827.3	<i>Saint Helens Regulatory Lighted Buoy C</i>	45-52-18.730N 122-47-44.900W	Fl W 2s			White with orange markings.	Private aid.
14830	- Daybeacon 3	45-51-54.695N 122-47-35.468W				SG on dolphin.	
14832.1	<i>Saint Helens Regulatory Lighted Buoy D</i>	45-51-45.860N 122-47-35.980W	Fl W 2s			White with orange markings.	Private aid.
14832.2	<i>Saint Helens Regulatory Lighted Buoy E</i>	45-51-46.580N 122-47-30.980W	Fl W 2s			White with orange markings.	Private aid.
14835	SAUVIE ISLAND JUNCTION LIGHT	45-51-39.298N 122-47-26.696W	Fl (2+1)R 6s	35	4	JR on pile.	
14837	<b>Sauvie Island Highway Bridge</b> Multnomah Channel mile: 20.0	45-37-40.000N 122-48-59.000W				Fixed bridge.	
<b>Scappoose Bay</b>							
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.
<b>Cowlitz River</b>							
14843	<b>Harry Morgan Highway Bridge</b> Cowlitz River mile: 1.6	46-06-25.000N 122-53-30.000W				Fixed bridge.	
<b>OREGON - Thirteenth District</b>							
<b>PORT OF PORTLAND (Chart 18526)</b>							
<b>Willamette River</b>							
14850 11225	KELLEY POINT JUNCTION LIGHT	45-39-10.946N 122-45-46.201W	Fl (2+1)R 6s	39	4	JR on multi-pile structure.	
14855	- LIGHT 2	45-39-11.767N 122-46-04.392W	Q R	26	3	TR on multi-pile structure.	
14860	- LIGHT 3	45-38-45.320N 122-46-06.331W	Fl G 4s	37	4	SG on multi-pile structure.	
14865	- LIGHT 4	45-38-51.062N 122-46-19.309W	Fl R 4s	26	4	TR on multi-pile structure.	AIS: MMSI 993692064 (21).
14870	- LIGHT 6	45-38-36.236N 122-46-36.968W	Fl R 6s	25	5	TR on multi-pile structure.	
14875	TERMINAL 5 BULK OUTLOADER DOCK LIGHTS (2)	45-38-22.000N 122-46-38.000W	Fl Y 10s	9		On concrete pier.	Private aid.
14880	- LIGHT 10	45-38-18.202N 122-47-14.204W	Fl R 2.5s	36	4	TR on multi-pile structure.	
14890	OREGON STEEL DOCK LIGHTS (2)	45-37-43.500N 122-47-13.000W	Fl Y 6s	23		On dolphin.	Private aid.
14895	POST OFFICE RANGE FRONT LIGHT	45-37-47.072N 122-47-37.967W	Q W	36		KRB on multi-pile wooden structure.	Visible all around; higher intensity 1.5° each side of rangeline.
14900	POST OFFICE RANGE REAR LIGHT 239 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	F Y			On corner of dock.	Private aid.
14906	ASH GROVE LIME DOCK LIGHT S	45-37-21.220N 122-47-16.610W	F Y			On corner of dock.	Private aid.
14910	MULTNOMAH CHANNEL JUNCTION LIGHT	45-37-08.654N 122-47-41.435W	Fl (2+1)R 6s	25	4	JR on multi-pile structure.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>PORT OF PORTLAND (Chart 18526)</b>							
<b>Willamette River</b>							
14918	- <i>Lighted Buoy 12</i>	45-37-17.737N 122-47-34.559W	FI R 4s		4	Red.	
14923	Terminal 4 Daybeacon 13	45-35-59.000N 122-46-34.000W				SG on dolphin.	Private aid.
14924	<b>Saint Johns Highway Bridge</b> Willamette River mile: 5.9	45-35-06.000N 122-45-52.000W				Fixed bridge.	
<b>Johns Landing Pier</b>							
14925	Gasco Regulatory Buoys (3)	45-34-48.435N 122-45-29.195W				White and orange.	Restricted No Anchoring. Private aid.
<b>Willamette River</b>							
14927	Burlington Northern Railroad Bridge Approach Buoy 14	45-34-36.896N 122-44-56.600W				Red nun.	
14927.5	<b>Saint Johns Railroad Bridge</b> Willamette River mile: 6.9	45-34-38.000N 122-44-48.000W				Vertical lift bridge.	
14928	Burlington Northern Railroad Bridge Approach Buoy 16	45-34-31.752N 122-44-47.739W				Red nun.	
<b>Johns Landing Pier</b>							
14930	McCormick and Baxter Buoy A	45-34-33.750N 122-44-27.911W				White and orange can.	Private aid.
14931	McCormick and Baxter Buoy B	45-34-36.360N 122-44-34.670W				White and orange can.	Private aid.
14932	McCormick and Baxter Buoy C	45-34-39.034N 122-44-41.597W				White and orange can.	Private aid.
14933	McCormick and Baxter Buoy D	45-34-43.826N 122-44-47.534W				White and orange can.	Private aid.
14934	McCormick and Baxter Buoy E	45-34-47.186N 122-44-53.229W				White and orange can.	Private aid.
<b>Willamette River</b>							
14935	CHEVRON TEXACO PETROLEUM DOCK LIGHT A	45-34-02.750N 122-44-13.250W	F Y	38		On pier.	Private aid.
14940	CHEVRON TEXACO PETROLEUM DOCK LIGHT B	45-34-02.800N 122-44-13.500W	F Y	38		On pier.	Private aid.
14943	SWAN ISLAND PIER D LIGHT	45-34-01.080N 122-43-43.255W	Q Y			On pier.	Private aid.
14945	SWAN ISLAND PIER C LIGHT	45-34-05.574N 122-43-33.431W	Q Y			On pier.	Private aid.
14950	SWAN ISLAND PIER A LIGHT	45-34-07.518N 122-43-25.694W	Q Y			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	<b>Fremont Highway Bridge</b> Willamette River mile 10.9	45-32-17.000N 122-40-58.000W				Fixed bridge.	
14955.2	<b>Broadway Highway Bridge</b> Willamette River mile: 11.7	45-31-54.000N 122-40-27.000W				Bascule bridge.	
14955.3	<b>Steel Railroad-Highway Bridge</b> Willamette River mile: 12.1	45-31-39.000N 122-40-10.000W				Vertical lift bridge.	
14955.4	<b>Burnside Highway Bridge</b> Willamette River mile: 12.4	45-31-23.000N 122-40-03.000W				Bascule bridge.	
14955.5	<b>Morrison Highway Bridge</b> Willamette River mile: 12.8	45-31-04.000N 122-40-11.000W				Bascule bridge.	
14955.6	<b>Hawthorne Highway Bridge</b> 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	F Y	2		On floating breakwater.	Private aid.
14957	RIVER PLACE MARINA BREAKWATER LIGHT B	45-30-35.568N 122-40-18.008W	F Y	2		On floating breakwater.	Private aid.
14958	RIVER PLACE MARINA BREAKWATER LIGHT C	45-30-34.840N 122-40-16.888W	F Y	2		On floating breakwater.	Private aid.
14959	RIVER PLACE MARINA BREAKWATER LIGHT D	45-30-33.926N 122-40-17.551W	F Y	2		On floating breakwater.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>PORT OF PORTLAND (Chart 18526)</b>							
<b>Willamette River</b>							
14959.5	<b>I-5 Marquam Highway Bridge</b> Willamette River mile: 13.5	45-30-29.000N 122-40-08.000W				Fixed bridge.	
14959.6	<b>Tilikum Crossing Highway Bridge</b> Willamette River mile: 13.8	45-30-18.396N 122-40-00.120W				Fixed bridge.	
14959.7	<b>Ross Island Highway Bridge</b> Willamette River mile: 14.0	45-30-05.000N 122-39-52.000W				Fixed bridge.	
<b>Johns Landing Pier</b>							
14960	LANDING BOAT CLUB LIGHT 2	45-29-06.101N 122-40-17.785W	FI R 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.
14970	LANDING BOAT CLUB LIGHT 4	45-29-03.955N 122-40-17.056W	FI R 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.	
<b>Willamette River</b>							
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	<b>Sellwood Highway Bridge</b> Willamette River mile: 16.7	45-27-50.000N 122-39-56.000W				Fixed bridge.	
<b>WILLAMETTE RIVER (Portland to Walnut Eddy) (Chart 18528)</b>							
<b>Elk Rock</b>							
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.	
<b>WILLAMETTE RIVER (Portland to Walnut Eddy) (Chart 18528)</b>							
15028	<b>Lake Oswego Railroad Bridge</b> 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	FI Y 4s			On dock.	Private aid.
15035	OSWEGO SOUTH DOCK LIGHT	45-25-11.980N 122-39-21.564W	FI Y 4s			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 Daybeacon
15055	WILLAMETTE RIVER LIGHT 14	45-24-07.694N 122-38-38.641W	FI R 4s	18	4	TR on tower.	
15060	BINGHAM LANDING LIGHT 16	45-23-49.634N 122-38-16.867W	FI R 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>WILLAMETTE RIVER (Portland to Walnut Eddy) (Chart 18528)</b>							
15070	JENNINGS LODGE LIGHT 19	45-23-13.586N 122-37-18.751W	FI G 4s	30	4	SG on skeleton tower.	
15075	CLACKAMAS RAPIDS LIGHT 20	45-22-35.882N 122-37-16.177W	FI R 4s	18	4	TR on skeleton tower.	
<b>Meldrum Bar</b>							
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.
<b>WILLAMETTE RIVER (Portland to Walnut Eddy) (Chart 18528)</b>							
15078	<b>I-205 Highway Bridge</b> Willamette River mile: 25.5	45-21-52.000N 122-36-13.000W				Fixed bridge.	
15079	<b>Oregon City Highway Bridge</b> Willamette River mile: 26.0	45-21-32.000N 122-36-35.000W				Fixed bridge.	
<b>Rock Island Channel</b>							
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.	
<b>WILLAMETTE RIVER (Walnut Eddy to Newberg) (Chart 18529)</b>							
15151	<b>I-5 Wilsonville Highway Bridge</b> Willamette River mile: 38.5	45-17-30.000N 122-46-09.000W				Fixed bridge.	
15152	<b>Wilsonville Railroad Bridge</b> Willamette River mile: 38.8	45-17-35.000N 122-46-34.000W				Fixed bridge.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>OREGON - Thirteenth District</b>							
<b>WILLAMETTE RIVER (Walnut Eddy to Newberg) (Chart 18529)</b>							
15153	<b>Newberg Highway Bridge</b> Willamette River mile: 48.4	45-16-04.000N 122-56-36.000W				Fixed bridge.	
15154	<b>City Pipeline Bridge</b> Willamette River mile: 50.0	45-17-02.000N 122-57-44.000W				Fixed bridge.	
<b>Willamette River</b>							
15155	<b>Marion Street Bridge</b> Willamette River mile: 84.4	44-56-45.000N 123-02-33.000W				Fixed bridge.	
15156	<b>Center Street Bridge</b> Willamette River mile: 84.5	44-56-42.000N 123-02-37.000W				Fixed bridge.	
15158	<b>Albany Railroad Bridge</b> Willamette River mile: 119.6	44-38-27.000N 123-05-48.000W				Swing bridge.	
15159	<b>Lyon Street Bridge</b> Willamette River mile: 120.0	44-38-21.000N 123-06-21.000W				Fixed bridge.	
15160	<b>Ellsworth Street Bridge</b> Willamette River mile: 120.1	44-38-21.000N 123-06-24.000W				Fixed bridge.	
15161	<b>Harrison Street Bridge</b> Willamette River mile: 131.6	44-33-58.000N 123-15-22.000W				Fixed bridge.	
<b>WASHINGTON - Thirteenth District</b>							
<b>WILLAPA BAY (Chart 18504)</b>							
<b>Willapa Bay</b>							
15186	- Entrance Lighted Buoy C	46-44-03.280N 124-06-03.390W	FI Y 2.5s		4	Yellow.	Position frequently shifted with changing shoals.
15187	- Entrance Buoy D	46-43-36.011N 124-04-02.219W				Yellow can.	Position frequently shifted with changing shoals.
15205	- ENTRANCE LIGHT 11	46-43-06.674N 124-02-14.643W	FI G 6s	15	4	SG on multi-pile structure.	
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	FI R 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.	
<b>Willapa River</b>							
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	FI R 4s	20	4	TR on pile.	
15270	- LIGHT 10	46-41-47.738N 123-55-04.167W	FI R 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	Q W	25		KRB on multi-pile structure.	Visible all around; higher intensity on 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	FI R 4s	15	4	TR on pile.	
15310	- Daybeacon 26	46-42-27.894N 123-51-24.102W				TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>WILLAPA BAY (Chart 18504)</b>							
<b>Willapa River</b>							
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.	Higher intensity beam up and down channel.
15345	- LIGHT 40	46-41-10.742N 123-49-07.778W	FI R 4s	15	3	TR on pile.	
15360	- Daybeacon 44	46-40-12.913N 123-48-50.720W				TR on pile.	
15365	- LIGHT 51 80 feet outside channel limit.	46-39-54.981N 123-47-59.282W	FI G 4s	15	4	SG on pile.	
15375	- LIGHT 55	46-40-35.371N 123-47-04.644W	FI G 4s	16	4	SG on skeleton tower.	
15380	- LIGHT 56 70 feet outside channel limit.	46-40-39.583N 123-46-48.572W	Q R	15	4	TR on dolphin.	
15385	- LIGHT 59	46-40-45.530N 123-45-57.681W	FI G 2.5s	15	4	SG on dolphin.	
15387	<b>Burlington Northern Santa Fe Railroad Bridge</b> South Willapa River mile:0.3	46-41-05.000N 123-44-25.000W				Swing bridge.	
15390	North River Channel Daybeacon 2	46-42-20.100N 123-54-27.240W				TR on pile.	Private aid.
15390.1	North River Channel Daybeacon 6	46-42-53.520N 123-54-06.180W				TR on pile.	Private aid.
15390.2	North River Channel Daybeacon 8	46-43-12.780N 123-54-06.780W				TR on pile.	Private aid.
15390.3	North River Channel Daybeacon 10	46-43-29.580N 123-54-13.560W				TR on pile.	Private aid.
15390.4	North River Channel Daybeacon 12	46-43-41.760N 123-54-20.640W				TR on pile.	Private aid.
15390.5	North River Channel Daybeacon 14	46-43-54.960N 123-54-35.280W				TR on pile.	Private aid.
15390.6	North River Channel Daybeacon 16	46-44-06.360N 123-54-42.720W				TR on pile.	Private aid.
15390.7	North River Channel Daybeacon 17	46-44-16.320N 123-54-47.220W				SG on Pile.	Private aid.
15390.8	North River Channel Daybeacon 18	46-44-24.300N 123-54-33.540W				TR on pile.	Private aid.
15390.9	North River Channel Daybeacon 19	46-44-32.340N 123-54-32.580W				SG on pile.	Private aid.
15391	North River Channel Daybeacon 22	46-44-43.260N 123-54-17.160W				TR on pile.	Private aid.
15391.1	North River Channel Daybeacon 24	46-44-42.780N 123-54-09.300W				TR on pile.	Private aid.
15391.2	North River Channel Daybeacon 26	46-44-40.080N 123-53-54.960W				TR on pile.	Private aid.
15391.3	North River Channel Daybeacon 27	46-44-42.720N 123-53-41.580W				SG on pile.	Private aid.
15391.4	North River Channel Daybeacon 28	46-44-39.660N 123-53-39.360W				TR on pile.	Private aid.
15391.5	North River Channel Daybeacon 29	46-44-44.280N 123-53-31.920W				SG on pile.	Private aid.
15391.6	North River Channel Daybeacon 30	46-44-43.560N 123-53-24.000W				TR on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>WILLAPA BAY (Chart 18504)</b>							
<b>South Willapa Bay</b>							
15400	- LIGHT 3	46-41-16.074N 123-59-44.016W	FI G 6s	15	4	SG on pile.	
15410	- LIGHT 7	46-36-32.976N 123-58-28.073W	FI G 4s	22	4	SG on pile.	Higher intensity beam up channel.
15415	- Daybeacon 8	46-35-42.431N 123-58-53.484W				TR on pile.	
<b>Nahcotta Channel</b>							
15420	- LIGHT 10	46-34-14.918N 123-58-37.865W	FI R 4s	22	5	TR on pile.	
15425	- Daybeacon 11	46-33-44.918N 123-57-39.321W				SG on pile.	
15430	- Daybeacon 12	46-32-45.638N 123-59-09.008W				TR on pile.	
15435	LONG ISLAND JUNCTION LIGHT	46-32-18.954N 123-58-35.489W	FI (2+1)G 6s	15	5	JG on dolphin.	Higher intensity beam up and down channel.
15440	- Daybeacon 13	46-30-42.880N 124-00-20.082W				SG on pile.	
15445	NAHCOTTA MOORING BASIN LIGHT 2	46-30-05.844N 124-01-25.796W	FI R 4s	15	5	TR on pile structure.	
15450	NAHCOTTA MOORING BASIN LIGHT 1	46-30-02.220N 124-01-29.106W	Q G	15	4	SG on platform, on end of jetty.	
<b>Stanley Channel</b>							
15475	- Daybeacon 2	46-31-11.371N 123-58-34.646W				TR on pile.	
15480	- LIGHT 4	46-29-01.814N 123-57-55.284W	FI R 4s	15	5	TR on dolphin.	
15485	Stanley Point Junction Daybeacon	46-27-40.341N 123-56-14.743W				JR on dolphin.	
15487	<b>Naselle River Highway Bridge</b> Naselle River mile: 3.5	46-25-52.000N 123-54-12.000W				Fixed bridge.	
15490	Nemah River Channel Entrance Daybeacon 1	46-34-44.738N 123-57-06.465W				SG on dolphin.	
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.
<b>Bay Center Channel</b>							
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	FI R 4s	21	5	TR on pile.	
15515	- LIGHT 11	46-38-51.060N 123-57-05.526W	FI G 4s	18	4	SG on dolphin.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>WILLAPA BAY (Chart 18504)</b>							
<b>Bay Center Channel</b>							
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	46-37-53.926N 123-56-36.602W	Fl G 4s	18	4	SG on dolphin.	
15528	- Daybeacon 16	46-37-48.240N 123-56-59.280W				TR on pile.	Private aid.
<b>GRAYS HARBOR - WESTHAVEN (Chart 18502)</b>							
<b>Grays Harbor</b>							
15530 720	- <b>Light</b>	46-53-17.597N 124-07-00.949W	Al 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. 33	Lighted throughout 24 hours.
15533 718	<i>Scripps Institute Wave Recorder Lighted Buoy 46211/036</i>	46-51-24.240N 124-14-37.800W	Fl (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
15535 725	- <i>Approach Lighted Whistle Buoy GH</i>	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	Q R	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	- <i>Entrance Lighted Whistle Buoy 2</i>	46-52-43.559N 124-12-40.715W	Fl R 4s		4	Red.	
15555	- <i>Entrance Lighted Whistle Buoy 3</i>	46-54-59.126N 124-14-19.071W	Fl G 4s		4	Green.	
15560	- <i>Entrance Lighted Whistle Buoy 4</i>	46-53-40.532N 124-11-46.152W	Fl R 4s		3	Red.	
15565	- <i>Entrance Lighted Bell Buoy 5</i>	46-54-49.573N 124-12-13.322W	Fl G 2.5s		4	Green.	
15570	- <i>Entrance Lighted Whistle Buoy 6</i>	46-54-16.657N 124-11-09.739W	Fl R 2.5s		4	Red.	
15571	- <i>Entrance Lighted Whistle Buoy 8</i>	46-54-27.342N 124-11-01.531W	Q R		4	Red.	AIS: MMSI 993692049 (21).
15575	- <i>Entrance Lighted Buoy 9</i>	46-54-47.696N 124-09-51.574W	Fl G 4s		4	Green.	
15585	POINT CHEHALIS RANGE FRONT LIGHT	46-54-30.710N 124-07-24.879W	Fl 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	- <b>South Jetty Sound Signal</b>	46-54-21.008N 124-08-47.259W					Maintained from Jun. 1 to Oct. 1. HORN: 1 blast ev 15s (2s bl).
15595	- <i>Channel Lighted Whistle Buoy 11</i>	46-54-40.614N 124-08-24.763W	Q G		4	Green.	
15600	- <i>Channel Lighted Whistle Buoy 13</i>	46-55-21.475N 124-07-28.920W	Fl G 4s		4	Green.	
15610	- SOUTH REACH RANGE A FRONT LIGHT	46-55-12.775N 124-03-04.464W	Fl 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>GRAYS HARBOR - WESTHAVEN (Chart 18502)</b>							
<b>Grays Harbor</b>							
15620	- South Reach Lighted Bell Buoy 14	46-55-14.109N 124-05-41.583W	Q R		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	FI R 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	FI R 4s		3	Red.	
15650	- SOUTH REACH LIGHT 20 155 yards outside the channel.	46-55-07.300N 124-03-39.468W	Q R	25	4	TR on multi-pile structure.	
15655	- South Reach Lighted Gong Buoy 21	46-55-17.569N 124-03-23.427W	Q G		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.	
15680	- South Reach Lighted Buoy 24	46-55-33.497N 124-01-53.689W	FI R 4s		3	Red.	
15695	- North Channel Lighted Buoy 25	46-55-54.696N 124-01-13.234W	Q G		4	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	46-57-04.958N 123-59-37.890W	FI G 4s		4	Green.	
15728	- NORTH CHANNEL LIGHT 31 425 yards outside channel.	46-57-37.616N 123-59-20.308W	FI G 2.5s	23	4	SG on multi-pile structure.	
15730	- North Channel Lighted Buoy 30	46-57-29.418N 123-58-54.942W	Q R		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 33 200 yards outside the channel.	46-57-49.784N 123-58-31.379W	Q G	23	4	SG on multi-pile structure.	
15760	- North Channel Lighted Buoy 34	46-57-41.176N 123-57-57.889W	FI R 4s		4	Red.	
15762	- NORTH CHANNEL LIGHT F 945 yards outside the channel.	46-58-14.993N 123-57-57.142W	FI Y 6s	24	4	NY on multi-pile structure.	
15765	- North Channel Lighted Buoy 35	46-57-53.975N 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	Q R		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 LIGHT 41 80 yards outside the channel.	46-58-13.474N 123-55-05.767W	FI G 2.5s	20	4	SG on skelton tower on multi-pile structure.	



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<b>WASHINGTON - Thirteenth District</b>							
<b>GRAYS HARBOR - WESTHAVEN (Chart 18502)</b>							
<b>Grays Harbor</b>							
15793	ABERDEEN TERMINAL 3 PIER LIGHT (2)	46-58-12.000N 123-54-54.000W	F Y			On pier.	Private aid.
15795	- North Channel Lighted Buoy 44	46-58-02.101N 123-54-09.866W	FI R 2.5s		4	Red.	
15805	- NORTH CHANNEL LIGHT 46	46-58-01.592N 123-52-20.906W	FI R 4s	15	4	TR on multi-pile structure.	
<b>Cow Point</b>							
15810	- REACH RANGE G FRONT LIGHT	46-57-24.180N 123-50-16.688W	Q W	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	F Y	15		On pier.	Private aid.
15825	ABERDEEN TERMINAL 2 PIER LIGHTS (2)	46-57-48.000N 123-51-12.000W	F Y	19		On pier.	Private aid.
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	Q R		4	Red.	
15842	Grays Harbor North Channel Lighted Buoy 54	46-57-32.702N 123-50-12.104W	FI R 2.5s		3	Red.	
15845	ABERDEEN TERMINAL 4 PIER LIGHTS (2)	46-57-39.000N 123-50-13.000W	F Y	18		On pier.	Private aid.
15847.1	ABERDEEN PONTOON BASIN LIGHT A	46-57-43.522N 123-49-54.736W	FI Y 2s			NY on steel dolphin.	Private aid.
15847.2	ABERDEEN PONTOON BASIN LIGHT B	46-57-45.355N 123-49-56.226W	FI Y 2s			NY on steel dolphin.	Private aid.
15847.3	ABERDEEN PONTOON BASIN LIGHT C	46-57-46.859N 123-49-57.467W	FI Y 2s			NY on steel dolphin.	Private aid.
15847.4	ABERDEEN PONTOON BASIN LIGHT D	46-57-46.192N 123-49-54.691W	FI Y 2s			NY on steel dolphin.	Private aid.
15847.5	ABERDEEN PONTOON BASIN LIGHT E	46-57-45.638N 123-49-53.721W	FI Y 2s			NY on steel dolphin.	Private aid.
15850	- REACH RANGE H FRONT LIGHT	46-57-35.225N 123-49-24.441W	Q R	31		KRB on skeleton tower, on multi-pile structure.	Visible 1.5° each side of rangeline.
15855	- 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.
<b>Aberdeen</b>							
15870	- REACH RANGE K FRONT LIGHT	46-57-24.180N 123-50-16.688W	Q W	21		KRB on skeleton tower, on multi-pile structure. On same structure as Cow Point Reach Range G Front Light.	Visible all around; higher intensity 1.5° each side of rangeline.
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.
15880	GRAYS HARBOR NORTH CHANNEL LIGHT 55	46-57-46.490N 123-49-42.453W	FI G 4s	15	4	SG on pile.	
15885	- HARBOR LIGHT 1	46-58-26.510N 123-48-22.814W	Q G	20	4	SG on multi-pile structure.	
15897	<b>Chehalis River Bridge</b> Waterway mile: 0.1	46-58-20.000N 123-48-33.000W				Bascul Bridge	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>GRAYS HARBOR - WESTHAVEN (Chart 18502)</b>							
<b>Aberdeen</b>							
15900	- HARBOR LIGHT 3	46-58-37.629N 123-47-39.609W	FI G 4s	20	4	SG on multi-pile structure.	Higher intensity beam down river.
<b>Grays Harbor North Bay</b>							
15925	- <i>Lighted Buoy 1</i>	46-55-48.443N 124-05-51.786W	FI G 4s		4	Green.	
15930	- Buoy 2	46-56-02.893N 124-05-38.105W				Red nun.	
15935	- Buoy 4	46-56-32.335N 124-05-59.685W				Red nun.	
15940	DAMON POINT LIGHT	46-57-01.703N 124-06-20.864W	FI Y 4s	20	5	NY on multi-pile structure.	
<b>South Channel</b>							
15950	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.	
15955	JOHNS RIVER ENTRANCE LIGHT 8	46-55-22.176N 124-00-34.627W	FI R 4s	15	4	TR on pile.	Higher intensity beam up and down channel.
15960	Johns River Daybeacon 1	46-55-06.536N 124-00-06.626W				SG on pile.	
15965	Johns River Daybeacon 3	46-54-51.733N 123-59-58.864W				SG on pile.	
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.
<b>South Bay Channel</b>							
15980	Point Chehalis Outfall Daybeacon	46-54-30.600N 124-07-23.090W				NW "Pipe" on pile.	Private aid.
15981	<i>Point Chehalis Lighted Buoy 2</i>	46-54-53.864N 124-07-14.248W	Q R		4	Red.	
15985	GRAYS HARBOR REGULATED NAVIGATION AREA WARNING SIGN (2)	46-54-08.014N 124-06-09.063W	Q Y	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	<i>Point Chehalis Lighted Buoy 4</i>	46-54-57.242N 124-06-51.501W	FI R 4s		4	Red.	
15995	POINT CHEHALIS LIGHT 6	46-54-44.626N 124-06-36.804W	FI R 4s	15	4	TR on pile on jetty.	
<b>Westhaven</b>							
16001	- 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	FI R 4s	15	5	TR on pile, at end of breakwall.	
16010	- OUTER BREAKWATER SOUTH LIGHT 10	46-54-31.494N 124-06-25.459W	Q R	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.	
<b>South Bay Channel</b>							
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>GRAYS HARBOR - WESTHAVEN (Chart 18502)</b>							
<b>South Bay Channel</b>							
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.	
<b>Hoquiam River</b>							
16071.1	<b>Burlington Northern Railroad Bridge</b> Hoquiam River mile: 0.3	46-58-19.000N 123-52-35.000W				Swing bridge.	
16071.2	<b>Simpson Avenue Bridge</b> Hoquiam River mile: 0.5	46-58-32.000N 123-52-38.000W				Bascule bridge.	
16071.25	- Obstruction Buoy Marks submerged obstruction.	46-58-41.049N 123-52-56.669W				White can with orange bands.	
16071.3	<b>Riverside Bridge</b> Hoquiam River mile: 0.9	46-58-47.000N 123-53-05.000W				Vertical lift bridge.	
16071.4	<b>Burlington Northern Railroad Bridge</b> Hoquiam River mile: 2.5	46-59-41.000N 123-53-02.000W				Swing bridge.	
<b>Wishkaw River</b>							
16072.1	<b>Burlington Northern Railroad Bridge</b> Wishkaw River mile: 0.1	46-58-30.000N 123-48-36.000W				Swing bridge.	
16072.2	<b>Heron Street Bridge</b> Wishkaw River mile: 0.2	46-58-34.000N 123-48-40.000W				Swing bridge.	
16072.3	<b>Wishkah Street Bridge</b> Wishkah River mile: 0.4	46-58-38.000N 123-48-42.000W				Bascule bridge.	
<b>APPROACHES TO STRAIT OF JUAN DE FUCA (Chart 18480)</b>							
<b>Quillayute River</b>							
16075 740	- <i>Approach Lighted Whistle Buoy Q</i>	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.
16080 745	JAMES ISLAND LIGHT	47-54-17.494N 124-38-50.936W	Fl W 6s	150	9	White house.	Light is obscured from 068° to 101° and from 111° to 293°.
16085	- <i>Entrance Lighted Buoy 2</i>	47-53-55.790N 124-38-43.747W	Fl R 4s		4	Red.	
16086	- ENTRANCE LIGHT 2A	47-54-21.014N 124-38-37.865W	Fl R 2.5s	20	4	Red pile structure.	Due to weather conditions, the daymarks have been permanently removed from this aid.
16090	- SECTOR LIGHT	47-54-27.080N 124-38-40.656W	F W (G & R Sectors)	27		Skeleton tower, on multi-pile structure. On same structure as Quillayute River Entrance Light 3.	Lighted throughout 24 hours. Centerline bearing 005.5°. White visible 0.75° each side of centerline. Green visible from 006.25° to 007.25°. Red visible from 003.75° to 004.75°.
16095	- ENTRANCE LIGHT 3	47-54-27.080N 124-38-40.612W	Fl G 4s	27	4	SG on skeleton tower, on multi-pile structure. On same structure as Quillayute River Direction 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>APPROACHES TO STRAIT OF JUAN DE FUCA (Chart 18480)</b>							
<b>Quillayute River</b>							
16100	- REGULATED NAVIGATION AREA WARNING SIGN (2)	47-54-46.092N 124-38-08.724W	Q Y	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	FI R 4s	13	3	TR on multi-pile structure.	
<b>STRAIT OF JUAN DE FUCA ENTRANCE (Chart 18460)</b>							
<b>Strait of Juan De Fuca</b>							
16115	<i>University of Washington LaPush Research Lighted Buoy</i>	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	- <i>Traffic Separation Lane Lighted Buoy JA</i>	48-29-35.212N 124-43-34.591W	FI Y 2.5s		4	Yellow.	Aid maintained by National Oceanic and Atmospheric Administration.
16140 770	<b>Carmanah Point Light (C)</b>	48-36-42.414N 124-45-04.866W	FI W 5s	182	19	White octagonal tower with red top.	
16145 760	<b>Cape Flattery Light</b>	48-23-31.183N 124-44-13.015W	FI (2)W 20s	112	14	On skeleton tower. 9	
16149 763	Duntze Rock V-AIS 2	48-24-48.435N 124-44-41.509W					Virtual AIS: MMSI 993692201 (21).
16155	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	FI R 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	FI Y 6s	26	4	NY on breakwater.	
16163	NEAH BAY COAST GUARD BREAKWATER OBSTRUCTION LIGHT B	48-22-16.794N 124-36-07.458W	FI Y 4s	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	FI Y 6s	22	4	NY on tower on breakwater.	
16167	NEAH BAY MARINA BREAKWATER OBSTRUCTION LIGHT B	48-22-09.062N 124-36-31.650W	FI Y 4s	18	4	NY on tower on breakwater.	
16168	NEAH BAY MARINA ENTRANCE LIGHT 1	48-22-10.040N 124-36-47.429W	Q G	24	4	SG on tower on breakwater.	
16170	<i>Neah Bay Entrance Lighted Bell Buoy 1</i>	48-22-36.612N 124-35-15.613W	FI G 4s		4	Green.	
16175	<i>Port San Juan Lighted Whistle Buoy YK (C)</i>	48-32-04.214N 124-29-05.965W	Mo (A) W			Red and white vertical stripes.	
16185	<i>Clallam Reef Lighted Buoy 1</i>	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.	
<b>STRAIT OF JUAN DE FUCA (Eastern Part) (Chart 18465)</b>							
<b>Strait of Juan De Fuca</b>							
16210	WHIFFIN SPIT LIGHT (C)	48-21-30.114N 123-42-41.365W	Q W	22	7	White cylindrical tower with green band at top.	HORN: 1 blasts ev 30s (3s bl). Horn operated only on request to Victoria Coast Guard radio.
16215	Crescent Bay Bell Buoy 2	48-10-19.580N 123-43-34.670W				Red.	

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<b>WASHINGTON - Thirteenth District</b>							
<b>STRAIT OF JUAN DE FUCA (Eastern Part) (Chart 18465)</b>							
<b>Strait of Juan De Fuca</b>							
16218	<i>Scripps Institute Wave Recorder Lighted Buoy 46267/248</i>	48-10-23.459N 123-36-18.781W	Fl (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
16221	<i>Race Rocks South Cautionary Lighted Buoy VF (C)</i>	48-14-04.414N 123-31-58.765W	Fl Y 4s			Yellow.	RACON: B ( - . . . )
16222	<i>- Traffic Separation Lane Lighted Buoy PA</i>	48-12-57.312N 123-28-41.172W	Fl Y 2.5s		5	Yellow.	
16223	<i>Race Rocks East Cautionary Lighted Buoy VG (C)</i>	48-16-04.414N 123-27-49.765W	Fl Y 4s			Yellow.	
16224	<i>- Lighted Buoy 4</i>	48-09-47.764N 123-28-24.127W	Fl R 4s		4	Red.	
16225	<b>Race Rocks Light (C)</b>	48-17-52.914N 123-31-53.165W	Fl 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	<i>Victoria Harbor Cautionary Lighted Buoy VH (C)</i>	48-22-31.314N 123-23-33.765W	Fl Y 4s		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. Red sector from 195° to 332°, white from 332° to 195°. Floodlit below balcony.
16250	OGDEN POINT BREAKWATER LIGHT (C)	48-24-48.614N 123-23-37.765W	Q R	40	9	White tower with red band around bottom.	
16255	SCROGGS ROCKS LIGHT (C)	48-25-34.214N 123-26-19.865W	Fl R 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	Fl G 4s	37	7	White cylindrical tower with green band at top.	
16265	<b>Trial Islands Light (C)</b>	48-23-42.314N 123-18-18.665W	Fl G 5s	93	13	White cylindrical tower.	
16270 19685	<b>Discovery Island Light (C)</b>	48-25-28.514N 123-13-32.465W	Fl W 5s	93	15	White cylindrical tower with red top.	
<b>Ediz Hook</b>							
16280	<b>- Light</b>	48-08-24.050N 123-24-08.783W	Fl 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 Channel 81A (157.075MHz). HORN will operate for 30 minutes.
16285	<i>- Lighted Buoy 2</i>	48-08-20.511N 123-23-57.815W	Fl R 2.5s		4	Red.	
16290	Port Angeles Harbor Buoy 1	48-07-20.821N 123-24-31.032W				Green can.	
<b>Coast Guard Mooring</b>							
16291	<i>- BREAKWATER OBSTRUCTION LIGHT</i>	48-08-22.514N 123-24-42.665W	Fl Y 4s	14	4	NY on concrete wall.	
16292	<i>- BASIN LIGHT 1</i>	48-08-21.974N 123-24-46.145W	Fl G 4s	14	4	SG on pier.	
16293	<i>- BASIN LIGHT 2</i>	48-08-21.398N 123-24-44.333W	Fl R 4s	14	4	TR on concrete wall.	
16294	<i>- BASIN LIGHT 3</i>	48-08-22.760N 123-24-54.569W	Fl G 2.5s	14	4	SG on dolphin.	
16295	<i>- BASIN LIGHT 4</i>	48-08-22.634N 123-24-52.325W	Fl R 2.5s	17	3	TR on pier.	
<b>Port Angeles</b>							
16308	<i>- TERMINAL 2 LIGHT A</i>	48-07-21.230N 123-25-49.731W	Fl Y 4s			On pier.	Private aid.
16309	<i>- TERMINAL 2 LIGHT 2</i>	48-07-20.794N 123-25-49.170W	Fl R 2.5s			On pier.	Private aid.
16310	<i>- TERMINAL 1 LIGHT A</i>	48-07-32.000N 123-26-15.000W	F Y			On mooring dolphin.	Private aid.
16311	<i>- TERMINAL 1 LIGHT B</i>	48-07-31.655N 123-26-18.097W	F Y			On pier.	Private aid.

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<b>WASHINGTON - Thirteenth District</b>							
<b>STRAIT OF JUAN DE FUCA (Eastern Part) (Chart 18465)</b>							
<b>Strait of Juan De Fuca</b>							
<b>Port Angeles</b>							
16312	- TERMINAL 1 LIGHT C	48-07-31.467N 123-26-18.027W	F Y			On pier.	Private aid.
16313	- TERMINAL 1 LIGHT D	48-07-29.375N 123-26-23.472W	F Y			On pier.	Private aid.
16314	- TERMINAL 1 LIGHT E	48-07-31.602N 123-26-18.878W	F Y			On pier.	Private aid.
16315	- <i>Boat Haven Lighted Buoy 3</i>	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	Q Y			On pier.	Private aid.
16318	- TERMINAL 3 LIGHT B	48-07-31.919N 123-26-39.962W	Q Y			On pier.	Private aid.
16320	- BOAT HAVEN ENTRANCE LIGHT 2	48-07-34.729N 123-27-09.767W	FI R 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	Q Y			On dolphin.	Private aid.
<b>Strait of Juan De Fuca</b>							
16335	<b>New Dungeness Light</b>	48-10-54.298N 123-06-37.001W	FI W 5s 0.1s fl 4.9s ec.	67	18	White conical tower on dwelling. 67	
16337	<i>NOAA Environmental Lighted Buoy 46088</i>	48-19-56.338N 123-10-44.180W	FI (4)Y 20s		4	Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
16340	<i>Rosario Strait Traffic Separation Lane Entrance Lighted Buoy R</i>	48-16-25.356N 123-06-34.708W	FI Y 2.5s		5	Yellow.	
16345	<i>Puget Sound Traffic Separation Lane Entrance Lighted Buoy S</i>	48-12-21.353N 123-06-34.705W	FI Y 2.5s		5	Yellow.	
16355	<i>New Dungeness Sand Spit Lighted Buoy 2</i>	48-11-32.352N 123-05-40.703W	FI R 4s		4	Red.	
16362	<i>Hein Bank Lighted Buoy 1</i>	48-22-01.456N 123-02-11.219W	FI G 6s		4	Green.	RACON: K ( - - ) AIS: MMSI 993692248 (21).
16365	<i>Salmon Bank Lighted Gong Buoy 3</i>	48-25-36.018N 122-58-36.792W	FI G 4s		4	Green.	
16370	<i>Rosario Strait Traffic Separation Lane Lighted Buoy RA</i>	48-19-46.677N 122-58-38.186W	FI Y 2.5s		5	Yellow.	RACON: N ( - . ) AIS: MMSI 993692249 (21).
16375	<b>Smith Island Light</b>	48-19-14.383N 122-49-51.514W	FI W 10s	55	14	NB on skeleton tower, on multi-pile structure. 50	Light is obscured from 068° to 084°.
16390	<i>Partridge Bank Lighted Buoy 1</i>	48-15-23.679N 122-49-56.282W	FI G 4s		5	Green.	
16395	<i>Point Partridge Lighted Bell Buoy 5</i>	48-13-14.868N 122-46-59.687W	FI G 4s		4	Green.	
16400	<b>Point Partridge Light</b>	48-13-28.773N 122-46-10.009W	FI W 5s	105	13	NB on skeleton tower. 20	
16405	<i>Puget Sound Traffic Separation Lane Lighted Buoy SA</i>	48-11-27.362N 122-49-47.686W	FI Y 2.5s		5	Yellow.	RACON: M ( - - ) AIS: MMSI 993692051 (21).
<b>APPROACHES TO ADMIRALTY INLET (Chart 18471)</b>							
<b>Sequim Bay</b>							
16410	- ENTRANCE LIGHT 2	48-05-03.753N 123-01-48.701W	FI R 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.	

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<b>WASHINGTON - Thirteenth District</b>							
<b>APPROACHES TO ADMIRALTY INLET (Chart 18471)</b>							
<b>Sequim Bay</b>							
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.
<b>Strait of Juan De Fuca</b>							
16465	McCurdy Point Buoy 4	48-08-41.776N 122-50-40.083W				Red nun.	
16470	<i>Point Wilson Lighted Buoy 6</i>	48-09-11.009N 122-45-37.699W	FI R 4s		4	Red.	
<b>ADMIRALTY INLET AND PUGET SOUND TO SEATTLE (Chart 18441)</b>							
<b>Admiralty Inlet</b>							
16475	<b>Point Wilson Light</b>	48-08-38.984N 122-45-17.261W	Al RW 5s 0.1s R fl 4.9s ec. 0.1s W fl 4.9s 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	FI R 4s	13	5	TR on platform on breakwater.	
16487	COUPEVILLE FERRY TERMINAL DOLPHIN LIGHT	48-09-30.455N 122-40-22.267W	FI Y 10s			On steel dolphin.	HORN: 1bl ev 20s (10s bl) Private aid.
16490 17520	<i>Point Hudson Spit Lighted Bell Buoy 2</i>	48-07-27.437N 122-44-39.867W	FI R 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	<i>Puget Sound Traffic Separation Lane Lighted Buoy SC</i>	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	<i>Double Bluff Lighted Buoy 1</i>	47-57-58.448N 122-33-16.333W	FI G 4s		4	Green.	
16530	<i>Puget Sound Traffic Separation Lane Lighted Buoy SD</i>	47-57-52.347N 122-34-46.609W	FI Y 2.5s		5	Yellow.	
16535	<i>Foulweather Bluff Lighted Bell Buoy 2</i>	47-56-50.037N 122-36-05.983W	FI R 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	<i>Puget Sound Traffic Separation Lane Lighted Buoy SE</i>	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	F R			White octagonal tower.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>ADMIRALTY INLET AND PUGET SOUND TO SEATTLE (Chart 18441)</b>							
<b>Puget Sound</b>							
16550	<b>Point No Point Light</b>	47-54-43.800N 122-31-36.592W	Fl (3)W 10s 0.1s fl 1.9s ec. 0.1s fl 1.9s ec. 0.1s fl 5.9s ec.	27	14	Black octagonal tower atop a white building. 30	
16555	<i>Scatchet Head Lighted Gong Buoy 1</i>	47-54-29.756N 122-26-17.369W	Fl G 6s		5	Green.	
16560	<i>Possession Point Lighted Bell Buoy 1</i>	47-53-48.558N 122-23-07.460W	Fl G 4s		4	Green.	
<b>Cultus Bay</b>							
16583	- ENTRANCE LIGHT 1	47-54-28.620N 122-24-08.400W	Fl G 4s			SG on pile.	Private aid.
16585	- ENTRANCE LIGHT 2	47-54-28.200N 122-24-04.800W	Fl R 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.
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	Fl G 2s			SG on pile.	Private aid.
16650	- CHANNEL LIGHT 20	47-55-08.820N 122-23-39.000W	Fl R 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.
<b>PUGET SOUND - Apple Cove to Keyport (Chart 18446)</b>							
<b>Puget Sound</b>							
16675	APPLE COVE POINT LIGHT	47-48-53.599N 122-28-54.796W	Fl W 4s	18	6	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	Fl Y 4s	18		On multi-pile structure.	Private aid.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>PUGET SOUND - Apple Cove to Keyport (Chart 18446)</b>							
<b>Puget Sound</b>							
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	FI R 4s	19		TR on pedestal.	Private aid.
16718	EDMONDS FERRY TERMINAL DOLPHIN LIGHT A	47-48-48.475N 122-23-12.254W	FI Y 10s			On steel dolphin.	HORN: 1 bl ev 14s (10s bl). Private aid.
16719	EDMONDS FERRY TERMINAL DOLPHIN LIGHT B	47-48-50.073N 122-23-11.341W	FI Y 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	FI Y 10s			On steel dolphin.	SIREN: 1 bl ev 12s (5s bl). Private aid.
16727	KINGSTON FERRY TERMINAL DOLPHIN LIGHT B	47-47-39.933N 122-29-36.783W	FI Y 10s			On steel dolphin.	Private aid.
16728	KINGSTON FERRY TERMINAL DOLPHIN LIGHT C	47-47-41.209N 122-29-35.804W	FI Y 10s			On steel dolphin.	Private aid.
16730	KINGSTON SMALL BOAT HARBOR LIGHT 2	47-47-36.891N 122-29-55.144W	FI R 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	FI Y 4s			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	F Y			On pier.	Private aid.
16790	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. 30	HORN: 1 bl ev 10s (1s bl). HORN is activated by keying the mic 5 times on VHF-FM Channel 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.	
<b>PUGET SOUND - Seattle to Bremerton (Chart 18449)</b>							
<b>Puget Sound</b>							
16810	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.	RACON: N ( - . ) 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	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>PUGET SOUND - Seattle to Bremerton (Chart 18449)</b>							
<b>Puget Sound</b>							
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	<i>Decatur Reef Lighted Buoy 2</i>	47-34-56.146N 122-28-33.601W	FI R 6s		4	Red.	
<b>Elliott Bay</b>							
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	FI R 10s				Private aid.
16838	- MARINA BREAKWATER LIGHT A	47-37-48.000N 122-23-48.000W	FI Y 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	FI Y 10s				Private aid.
16838.3	- MARINA BREAKWATER LIGHT D	47-37-42.000N 122-23-18.000W	FI Y 10s				Private aid.
16839	- 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	47-37-42.000N 122-23-18.000W	FI R 10s				Private aid.
16840	<i>Smith Cove Lighted Buoy 1</i>	47-37-37.429N 122-23-06.556W	FI G 4s			Green	Private aid.
16845	<i>Smith Cove Lighted Buoy 3</i>	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	ELLIOT BAY FISH PEN LIGHT A	47-37-20.705N 122-22-04.213W	FI Y 6s			Floating fish pen.	Private aid.
16852	ELLIOT BAY FISH PEN LIGHT B	47-37-19.689N 122-22-02.784W	FI Y 6s			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	<i>Pier 57 Ferris Wheel Warning Lighted Buoy A</i>	47-36-22.092N 122-20-34.333W	FI W 4s			White with orange markings.	Private aid.
16854	<i>Pier 57 Ferris Wheel Warning Lighted Buoy B</i>	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	FI Y 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)	47-36-07.570N 122-20-27.186W	FI Y 10s			On floating dolphin.	Private aid.
16860	EAST WATERWAY PIER LIGHT	47-35-28.000N 122-20-48.000W	FI R 4s	12			Private aid.
<b>Duwamish Waterway</b>							
16870.1	<b>Spokane Street Bridge</b> Duwamish West Waterway mile: 0.3	47-34-17.000N 122-21-14.000W				Swing bridge.	
16870.2	<b>West Seattle Freeway Bridge</b> Duwamish West Waterway mile: 0.35	47-34-15.000N 122-21-12.000W				Fixed bridge.	

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<b>WASHINGTON - Thirteenth District</b>							
<b>PUGET SOUND - Seattle to Bremerton (Chart 18449)</b>							
<b>Duwamish Waterway</b>							
16870.3	- <b>Railroad Bridge</b> 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	Q R			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	<b>1st Avenue South Highway Twin Bridge</b> Duwamish Waterway mile: 2.5	47-32-32.000N 122-20-04.000W				Bascule bridge.	
16888	<b>South Park Street Bridge</b> Duwamish Waterway mile: 3.8	47-31-45.000N 122-18-51.000W				Bascule bridge.	
<b>Elliott Bay</b>							
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.
16895	PIER 15 1/2 BARGE SLIP LIGHT 2	47-35-18.000N 122-21-06.900W	FI R 4s			On multi-pile dolphin.	Private aid.
16900	ALASKA HYDRO-TRAIN LIGHT A	47-35-00.000N 122-22-18.000W	FI Y 4s	14		On dolphin.	Private aid.
16905	ALASKA HYDRO-TRAIN LIGHT B	47-35-06.000N 122-22-12.000W	FI R 4s	8		On dolphin.	Private aid.
16906	Seacrest Warning Buoy A	47-35-16.500N 122-22-38.940W				White can with orange markings worded WARNING WATCH FOR DIVERS	Private aid.
16907	Seacrest Warning Buoy B	47-35-20.040N 122-22-43.680W				White can with orange markings worded WARNING WATCH FOR DIVERS	Private aid.
16908	Seacrest Warning Buoy C	47-35-25.560N 122-22-51.300W				White can with orange markings worded WARNING WATCH FOR DIVERS	Private aid.
16910	<b>Duwamish Head Light</b>	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°.
<b>East Passage</b>							
16915	<b>Alki Point Light</b>	47-34-34.597N 122-25-14.045W	FI W 5s 0.1s fl 4.9s ec.	39	16	White octagonal tower with a gray cupola and red roof, attached to square white building. 45	
16917	<i>Point Williams Research Lighted Buoy</i>	47-32-13.790N 122-24-22.020W	FI Y 4s			Yellow foam buoy.	Private aid.
<b>PUGET SOUND - Seattle to Olympia (Chart 18448)</b>							
<b>East Passage</b>							
16920	<i>Puget Sound Traffic Separation Lane Lighted Buoy T</i>	47-34-33.367N 122-27-04.530W	FI Y 2.5s		5	Yellow.	
<b>Blake Island</b>							
16925	- LIGHT 1	47-32-39.000N 122-28-51.000W	FI G 4s	11		SG on pile structure.	Private aid.
16930	- Daybeacon 2	47-32-40.000N 122-28-54.000W				TR on pile.	Private aid.
16935	- Daybeacon 3	47-32-38.000N 122-28-53.000W				SG on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>PUGET SOUND - Seattle to Olympia (Chart 18448)</b>							
<b>Blake Island</b>							
16940	- Daybeacon 4	47-32-38.000N 122-28-56.000W				TR on pile.	Private aid.
16945	- Daybeacon 5	47-32-37.000N 122-28-55.000W				SG on pile.	Private aid.
16950	- Daybeacon 6	47-32-36.000N 122-28-57.000W				TR on pile.	Private aid.
16955	- EAST LIGHT	47-32-27.386N 122-28-51.351W	FI W 4s	18	6	NB on skeleton tower.	
<b>East Passage</b>							
16970	FAUNTLEROY FERRY TERMINAL DOLPHIN LIGHT	47-31-24.117N 122-23-50.959W	FI Y 6s			On dolphin.	SIREN: 1bl ev 24s (4s bl) Private aid.
16974	<i>East Vashon Outfall Pipe Lighted Buoy</i>	47-27-11.256N 122-26-18.994W	FI W 6s			Orange and white buoy.	Private aid.
16975	<i>Puget Sound Traffic Separation Lane Lighted Buoy TA</i>	47-26-52.370N 122-24-16.518W	FI Y 2.5s		5	Yellow.	AIS: MMSI 993692021 (21).
16980	<b>Three Tree Point Light</b>	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 Channel 83A (157.175MHz). HORN will operate for 30 minutes.
<b>Three Tree Point Yacht Club</b>							
17020	- Racing Buoy C	47-26-52.800N 122-22-51.000W				White spar buoy.	Private aid.
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.
<b>Des Moines Marina</b>							
17044	- <i>Lighted Buoy 1</i>	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	F Y			On pier.	Private aid.
17055	- LIGHT 4	47-24-06.000N 122-19-54.000W	FI R 4s			TR on breakwater.	Private aid.
17060	- LIGHT B	47-24-06.000N 122-19-48.000W	F Y			On pier.	Private aid.
17065	DES MOINES BREAKWATER OBSTRUCTION LIGHT C	47-23-48.000N 122-19-54.000W	FI Y 6s			NY on breakwater.	Private aid.
<b>East Passage</b>							
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 Channel 81A (157.075MHz). HORN will operate for 30 minutes.
17075	<i>Puget Sound Traffic Separation Lane Lighted Buoy TB</i>	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	<i>Puget Sound Traffic Separation Lane Lighted Buoy TC</i>	47-19-29.370N 122-27-23.514W	FI Y 2.5s		5	Yellow.	
17090	<b>Browns Point Light</b>	47-18-21.292N 122-26-39.413W	FI W 5s 0.5s fl 4.5s ec.	38	14	White concrete tower. 35	Light obscured from 217° to 002°.

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<b>WASHINGTON - Thirteenth District</b>							
<b>PUGET SOUND - Seattle to Olympia (Chart 18448)</b>							
<b>East Passage</b>							
17095	Quartermaster Harbor Shoal Buoy 2	47-20-56.269N 122-28-46.319W				Red nun.	
17097.1	Burton Regulatory Buoy	47-23-46.620N 122-27-36.780W				White and orange can.	Private aid.
17097.2	Burton Fairway Buoy 1	47-23-43.140N 122-27-38.880W				Green can.	Private aid.
17097.3	Burton Fairway Buoy 2	47-23-43.920N 122-27-41.220W				Red nun.	Private aid.
17097.4	Burton Fairway Buoy 3	47-23-40.740N 122-27-41.100W				Green can.	Private aid.
17097.5	Burton Fairway Buoy 4	47-23-41.700N 122-27-42.720W				Red nun.	Private aid.
17097.6	Burton Fairway Buoy 5	47-23-38.460N 122-27-43.020W				Green can.	Private aid.
17097.7	Burton Fairway Buoy 7	47-23-35.520N 122-27-46.020W				Green can.	Private aid.
<b>Colvos Passage</b>							
17098	VASHON FERRY TERMINAL LIGHT A	47-30-41.594N 122-27-48.618W	Fl Y 10s			On steel dolphin.	Private aid.
17099	VASHON FERRY TERMINAL LIGHT B	47-30-41.368N 122-27-51.073W	Fl Y 10s			On steel dolphin.	SIREN: 1bl ev 20s (10s bl) Private aid.
17100	POINT VASHON LIGHT	47-30-49.281N 122-28-23.439W	Fl W 4s	17	7	NB on multi-pile structure.	
17101	SOUTHWORTH FERRY TERMINAL DOLPHIN LIGHT A	47-30-48.748N 122-29-44.094W	Fl Y 6s			On steel dolphin.	SIREN: 1bl ev 25s (5s bl) Private aid.
17102	SOUTHWORTH FERRY TERMINAL DOLPHIN LIGHT B	47-30-48.113N 122-29-41.883W	Fl Y 6s			On steel dolphin.	Private aid.
17105	- LIGHT 3	47-27-42.015N 122-30-34.323W	Fl G 6s	15	4	SG on multi-pile structure.	
17110	- LIGHT 4	47-25-48.125N 122-31-53.254W	Fl R 6s	15	4	TR on multi-pile structure.	
17115	- LIGHT 5	47-23-49.033N 122-31-40.853W	Fl G 4s	17	4	SG on multi-pile structure.	
17120	- LIGHT 6	47-22-36.674N 122-32-18.018W	Fl R 4s	15	4	TR on multi-pile structure.	Light obscured from 022° to 153°.
17121	<i>Ruston Way Outfall Lighted Buoy</i>	47-17-14.000N 122-29-03.000W	Fl Y 4s			Yellow.	Private aid.
<b>Tacoma Harbor</b>							
17125	THEA FOSS WATERWAY LIGHT	47-15-42.015N 122-26-11.343W	Fl W 6s	23	7	On multi-pile structure.	
17125.5	<b>South 11th Street Bridge</b> 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	<i>Commencement Bay Shoal Lighted Buoy A</i>	47-16-22.107N 122-25-57.734W	Fl Y 4s		4	Yellow.	
17136	PORT OF TACOMA TERMINAL #8 LIGHT A	47-16-14.520N 122-25-14.520W	Q Y	16		On Dolphin.	Private aid.
17137	PORT OF TACOMA TERMINAL #8 LIGHT B	47-16-13.440N 122-25-12.480W	Q Y	16		On corner of Pier.	Private aid.
17140	SITCUM WATERWAY LIGHT	47-16-18.000N 122-25-06.000W	F Y	14		On pile structure.	Private aid.
17145	<i>Blair Waterway Lighted Buoy 2</i>	47-16-42.180N 122-24-58.200W	Fl R 4s			Red.	Private aid.
17158	<i>Tacoma Outfall Lighted Buoy</i>	47-16-41.000N 122-25-18.000W	Fl Y 4s			Yellow.	Private aid.
17160	BLAIR WATERWAY TERMINAL LIGHT B	47-15-38.000N 122-23-11.000W	F Y	11		On corner of pier.	Private aid.
17165	BLAIR WATERWAY TERMINAL LIGHT A	47-15-30.000N 122-22-57.000W	F Y	11		On corner of pier.	Private aid.

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<b>WASHINGTON - Thirteenth District</b>							
<b>PUGET SOUND - Seattle to Olympia (Chart 18448)</b>							
<b>Tacoma Harbor</b>							
<b>Blair Waterway</b>							
17166	- LIGHT 3	47-16-20.852N 122-24-08.992W	Q G			On skelton tower.	Lighted throughout 24 hours. Private aid.
17167	- LIGHT 4	47-16-17.238N 122-24-13.870W	Q R			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	Q R			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	F Y			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	F Y			On corner of pier.	Private aid.
<b>Hylebos Waterway</b>							
17190	PORT OF TACOMA PIER NO. 25 LIGHT	47-17-06.000N 122-24-36.000W	F Y			On corner of pier.	(Bell: 1s stroke-14s si) Private aid.
17201	- <i>Lighted Buoy 1</i>	47-17-14.097N 122-24-45.636W	FI G 4s		4	Green.	
17203	CHINOOK LANDING LIGHT A	47-16-53.400N 122-24-11.820W	FI Y 4s			NY on pile.	Private aid.
17204	CHINOOK LANDING LIGHT B	47-16-47.040N 122-24-01.680W	FI Y 4s			NY on pile.	Private aid.
17205	<b>East 11th Street Bridge</b> 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.
17206.2	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.
17206.3	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	- <i>Lighted Buoy 2</i>	47-16-27.480N 122-22-57.720W	FI R 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.
<b>Puget Sound</b>							
17213	POINT DEFIANCE FERRY DOLPHIN LIGHT	47-18-23.821N 122-30-49.968W	FI Y 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	FI Y 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	FI Y 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.	
17221	GIG HARBOR LIGHT	47-19-42.000N 122-34-24.000W	FI R 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	FI R 4s	18	4	TR on multi-pile structure.	
17227	<b>Tacoma Narrows Highway Bridge (East Bound)</b> Tacoma Narrows	47-16-06.000N 122-33-01.000W				Fixed bridge.	
17228	<b>Tacoma Narrows Highway Bridge (West Bound)</b> Tacoma Narrows	47-16-05.000N 122-33-04.000W				Fixed bridge.	
17228.1	<b>Tacoma Narrows East Highway Bridge NE Fog Horn</b>	47-16-17.162N 122-33-13.881W				On north bridge pier.	Horn: S ... (1s bl, 1s si, 1s bl, 1s si, 1s bl, 15s si) Private aid.

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<b>WASHINGTON - Thirteenth District</b>							
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<b>Puget Sound</b>							
17228.2	<b>Tacoma Narrows East Highway Bridge SE Fog Horn</b>	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	<b>Tacoma Narrows West Highway Bridge NW Fog Horn</b>	47-16-14.667N 122-33-16.704W				On north bridge pier.	Horn: T _ (3s bl, 17s si) Private aid.
17228.4	<b>Tacoma Narrows West Highway Bridge SW Fog Horn</b>	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 1	47-14-34.570N 122-33-40.057W				SG on pile.	Private aid.
17231	Day Island Lagoon Daybeacon 3	47-14-31.672N 122-33-40.090W				SG on pile.	Private aid.
17232	Day Island Lagoon Daybeacon 5	47-14-28.500N 122-33-39.225W				SG on pile.	Private aid.
17245	Fox Island Rock Buoy 1	47-16-30.763N 122-38-41.631W				Green can.	
17247	ECHO BAY FISH PEN LIGHTS (2)	47-16-01.000N 122-38-45.000W	FI Y 6s			Wood fish net pen.	Private aid.
17248	<b>Fox Island Highway Bridge</b> 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	FI R 4s	22	5	TR on pile.	Light visible from 222° to 055°.
17265	<i>Toliva Shoal Isolated Danger Lighted Bell Buoy DTS</i>	47-12-08.765N 122-36-25.323W	FI (2)W 5s		4	Black and red bands with two black spherical topmarks.	
17267	Steilacoom South Mooring Buoy	47-11-36.000N 122-35-06.000W				White and blue buoy.	Private aid.
17268	<b>Chambers Creek Railroad Bridge</b> 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	<i>Drayton Passage Lighted Buoy 2</i>	47-10-47.601N 122-44-32.976W	FI R 4s		4	Red.	
<b>Carr Inlet</b>							
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	FI Y 8s			On steel pile.	Private aid.
17335	- <i>Research Lighted Buoy</i>	47-16-48.600N 122-43-48.180W	FI (5)Y 20s			Yellow.	Private aid.
<b>Nisqually Reach</b>							
17345	Tolmie Beach State Park Buoy Park buoy marks fish haven.	47-07-30.000N 122-46-12.000W				Orange and white bands.	Private aid.
17346	<i>Oro Bay Lighted Buoy 2</i>	47-08-19.680N 122-41-52.440W	FI R 4s			Red.	Private aid.
17347	<i>Oro Bay Lighted Buoy 3</i>	47-08-18.960N 122-42-04.680W	FI G 4s			Green.	Private aid.
17348	<i>Oro Bay Lighted Buoy 4</i>	47-08-21.120N 122-42-03.240W	FI R 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.	

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<b>PUGET SOUND - Seattle to Olympia (Chart 18448)</b>							
<b>Puget Sound</b>							
<b>Nisqually Reach</b>							
17355	LYLE POINT LIGHT 2	47-07-23.997N 122-42-00.063W	FI R 4s	15	5	TR on multi-pile structure.	
17360	NISQUALLY FLATS LIGHT 3	47-07-14.993N 122-45-00.133W	FI G 4s	15	4	SG on pile.	
17365	DEVILS HEAD LIGHT 4	47-09-59.010N 122-45-53.357W	FI R 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.	
<b>Dana Passage</b>							
17375	ALLYN DOCK LIGHT	47-23-00.000N 122-49-30.000W	F Y	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	FI R 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	47-08-25.884N 122-54-26.233W	FI W 4s	30	7	On white concrete tower.	
<b>Olympia Harbor</b>							
17405	OLYMPIA SHOAL LIGHT	47-05-31.418N 122-55-12.364W	Q W	25	6	NB on multi-pile structure.	
17411	<i>West Olympia Shoal Lighted Buoy 1</i>	47-05-30.323N 122-55-30.014W	FI G 4s		4	Green.	
17415	BUDD INLET LIGHT 2	47-05-31.564N 122-55-50.729W	FI R 4s	15	4	TR on multi-pile structure.	
17420	OLYMPIA ENTRANCE LIGHT 3	47-05-07.664N 122-55-32.972W	FI G 2.5s	22	4	SG on pile.	
17425	<i>Olympia Entrance Lighted Buoy 2A</i>	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	Q G	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	<i>Olympia Channel Lighted Buoy 4</i>	47-04-24.160N 122-55-03.000W	FI R 6s		4	Red.	
17450	<i>Olympia Channel Lighted Buoy 6</i>	47-03-59.205N 122-54-37.572W	FI R 2.5s		3	Red.	
17455	EAST BAY JUNCTION LIGHT 40 feet outside channel limit.	47-03-57.016N 122-54-27.503W	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	FI R 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	47-04-04.037N 122-54-31.073W	Q W	14		KRB on pile.	Visible 14° each side of rangeline.



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<b>Olympia Harbor</b>							
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	<i>Olympia Channel Lighted Buoy</i> 8	47-03-51.230N 122-54-31.728W	FI R 4s		4	Red.	
17495	Olympia Channel Buoy 10	47-03-34.870N 122-54-29.368W				Red nun.	
<b>Olympia Turning Basin</b>							
17500	- Buoy 12	47-03-26.238N 122-54-31.527W				Red nun.	
17505	- Buoy 14	47-03-18.701N 122-54-33.298W				Red nun.	
17510	- Buoy 16	47-03-06.501N 122-54-31.228W				Red nun.	
17515	- Buoy 18	47-03-05.271N 122-54-26.747W				Red nun.	
<b>PUGET SOUND - Northern Part (Chart 18441)</b>							
<b>Port Townsend and Oak Bay</b>							
17520	<i>Point Hudson Spit Lighted Bell</i>	48-07-27.437N	FI R 4s		4	Red.	
16490	<i>Buoy 2</i>	122-44-39.867W					
17525	POINT HUDSON LIGHT 4	48-07-02.022N	FI R 2.5s	35	5	TR on pile on shore.	
16495		122-44-57.245W					
17535	POINT HUDSON MARINA LIGHT	48-06-54.000N 122-44-54.000W	F Y	24		On pile.	Private aid.
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.
<b>Port Townsend</b>							
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	FI Y 4s			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	FI R 4s	15	4	TR on pole.	
17551	- <i>Outfall Lighted Buoy</i>	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	F Y	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	F Y	30		On post on building.	Private aid.

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<b>PUGET SOUND - Northern Part (Chart 18441)</b>							
<b>Port Townsend</b>							
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	FI Y 2s			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	FI R 4s	25	4	TR on skeleton tower.	
17566	PORT HADLOCK MARINA LIGHT A	48-01-52.800N 122-44-45.600W	FI Y 6s	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	FI R 4s	15	4	TR on multi-pile structure.	
17577	- Canal Highway Bridge Port Townsend Canal mile: 0.2	48-01-55.000N 122-43-55.000W				Fixed bridge.	
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	FI R 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.	
<b>Kilisut Harbor</b>							
17595	- Buoy 2	48-04-49.229N 122-44-33.466W				Red nun.	
17601	- Daybeacon 3	48-04-57.480N 122-44-19.360W				SG on pile.	
17606	- Daybeacon 5	48-05-02.594N 122-44-07.498W				SG on pile.	
17610	- Daybeacon 6	48-05-13.385N 122-43-58.599W				TR on pile.	Ra ref.
17615	- Daybeacon 8	48-05-23.486N 122-43-52.781W				TR on pile.	
17620	- Daybeacon 9	48-05-33.068N 122-43-39.325W				SG on pile.	Ra ref.
17625	- Daybeacon 10	48-05-28.595N 122-43-17.140W				TR on pile.	
17630	- Daybeacon 12	48-05-17.448N 122-43-08.504W				TR on pile.	
17635	- Daybeacon 13	48-05-08.235N 122-43-13.804W				SG on pile.	Ra ref.
17640	- Daybeacon 15	48-04-45.255N 122-43-22.204W				SG on pile.	Ra ref.
17645	- Daybeacon 16	48-04-33.315N 122-43-10.924W				TR on pile.	Ra ref.
17650	- Daybeacon 17	48-04-34.335N 122-42-49.924W				SG on pile.	Ra ref.
<b>Mats Mats Bay</b>							
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>PUGET SOUND - Northern Part (Chart 18441)</b>							
<b>Mats Mats Bay</b>							
17670	- CHANNEL LIGHT 5	47-57-43.209N 122-41-04.702W	Q G	10	3	SG on platform.	
17675	- RANGE FRONT LIGHT	47-57-44.099N 122-41-07.246W	Q R	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	FI R 4s	15	4	TR on pile.	
<b>Hood Canal</b>							
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	Q R	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	F Y			On floating pier.	Private aid.
17715	MEYDENBAUER YACHT CLUB MOORING PIER LIGHT	47-55-00.000N 122-41-24.000W	F Y			Floating moorage.	Private aid.
17720	TALA POINT JUNCTION LIGHT	47-55-56.995N 122-39-27.546W	FI (2+1)R 6s	15	5	JR on pile.	
17725	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°.
17726.1	COON BAY ENTRANCE LIGHT 1	47-54-30.121N 122-35-29.869W	FI G 6s			SG on pile.	Private aid.
17726.11	Coon Bay Daybeacon 10	47-54-30.692N 122-35-13.178W				TR on pile.	Private aid.
17726.2	COON BAY ENTRANCE LIGHT 2	47-54-29.199N 122-35-29.781W	FI R 6s			TR on pile.	Private aid.
17726.3	Coon Bay Daybeacon 3	47-54-30.256N 122-35-24.739W				SG on pile.	Private aid.
17726.4	Coon Bay Daybeacon 4	47-54-29.341N 122-35-24.577W				TR on pile.	Private aid.
17726.5	Coon Bay Daybeacon 5	47-54-30.928N 122-35-19.582W				SG on pile.	Private aid.
17726.6	Coon Bay Daybeacon 6	47-54-30.201N 122-35-19.251W				TR on pile.	Private aid.
17726.7	Coon Bay Daybeacon 7	47-54-31.617N 122-35-16.364W				SG on pile.	Private aid.
17726.8	Coon Bay Daybeacon 8	47-54-30.734N 122-35-17.074W				TR on pile.	Private aid.
17726.9	Coon Bay Daybeacon 9	47-54-31.002N 122-35-08.700W				SG on pile.	Private aid.
17728	- <i>Research Lighted Buoy C</i>	47-54-26.400N 122-37-37.200W	FI (5)Y 20s			Yellow research buoy.	Private aid.
17730	POINT HANNON LIGHT 2	47-53-14.859N 122-36-41.230W	FI R 2.5s	15	5	TR on skeleton tower.	
17731	- <i>Mariculture Lighted Buoys (2)</i>	47-53-04.000N 122-36-45.000W	FI Y 6s			Orange and white; spherical buoys.	Private aid.
17735	PORT GAMBLE LIGHT 1	47-51-48.914N 122-34-36.593W	FI G 2.5s	16	4	SG on multi-pile structure.	
17740	PORT GAMBLE LIGHT 2	47-51-49.310N 122-34-41.783W	FI R 2.5s	16	4	TR on multi-pile structure.	
17745	PORT GAMBLE LIGHT 3	47-51-32.564N 122-34-36.415W	FI G 4s	16	4	SG on pile.	
17750	PORT GAMBLE LIGHT 4	47-51-32.520N 122-34-41.994W	FI R 4s	16	4	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>PUGET SOUND - Northern Part (Chart 18441)</b>							
<b>Hood Canal</b>							
17769	- Highway Bridge Hood Canal mile: 5.0	47-51-34.000N 122-37-28.000W				Floating bridge.	
17770	SISTERS ROCK LIGHT 4	47-51-31.095N 122-38-30.244W	FI R 4s	15	5	TR on wooden crib.	
17775	Case Shoal Daybeacon	47-51-29.955N 122-40-32.170W				NB on pile.	
17780	CASE SHOAL LIGHT 6	47-50-43.737N 122-40-16.771W	FI R 2.5s	15	4	TR on pile.	
17785	- LIGHT 7	47-49-32.109N 122-38-58.210W	FI G 2.5s	15	4	SG on multi-pile structure.	
17800	- LIGHT 8	47-48-48.608N 122-42-51.499W	FI R 4s	15	5	TR on pile.	
17805	- LIGHT 9	47-48-05.925N 122-40-55.826W	FI G 4s	15	4	SG on multi-pile structure.	
17808	<i>Bangor Explosive Anchorage Lighted Buoy A</i>	47-46-39.705N 122-42-51.604W	FI Y 2.5s		4	Yellow.	
17810	<i>Bangor Explosive Anchorage Lighted Buoy B</i>	47-45-27.015N 122-43-51.064W	FI Y 6s		3	Yellow.	
17815	BANGOR NORTH FLOATING SECURITY BARRIER LIGHTS (111)	47-45-02.600N 122-44-02.700W	FI Y 2s			Gray floating barrier.	Navy maintained. Floating steel barrier system marked by 111 lights. Private aid.
17817	BANGOR SOUTH FLOATING SECURITY BARRIER LIGHTS (108)	47-43-49.000N 122-44-50.643W	FI Y 2s			Gray floating barrier.	Navy maintained. Floating steel barrier system marked by 108 lights. Private aid.
17820	- LIGHT 10	47-45-02.421N 122-45-19.030W	FI R 4s	16	5	TR on pile.	
17835	<i>Bangor Explosive Anchorage Lighted Buoy C</i>	47-44-52.966N 122-44-20.059W	FI Y 6s		4	Yellow.	
17837	<i>Bangor Explosive Anchorage Lighted Buoy D</i>	47-44-05.466N 122-44-54.464W	FI Y 6s		3	Yellow.	
17838	BANGOR CARDEROCK PIER LIGHTS (5)	47-43-40.123N 122-44-40.891W	FI Y 4s			On pier.	Private aid.
17839	<i>Bangor Explosive Anchorage Lighted Buoy E</i>	47-43-37.078N 122-44-53.049W	FI Y 2.5s		4	Yellow.	
17840	HAZEL POINT LIGHT	47-41-35.025N 122-46-14.844W	FI W 4s	15	5	NB on pile.	
17845	- LIGHT 11	47-41-24.874N 122-44-50.312W	FI G 4s	15	5	SG on multi-pile structure.	
17850	OAK HEAD LIGHT 12	47-40-54.420N 122-48-40.948W	FI R 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	FI Y 4s			On floating breakwater.	Private aid.
17857.3	OLYMPIC VIEW MARINA FLOATING BREAKWATER LIGHT C	47-38-35.760N 122-49-45.840W	FI Y 4s			On floating breakwater.	Private aid.
17857.4	OLYMPIC VIEW MARINA FLOATING BREAKWATER LIGHT D	47-38-36.660N 122-49-48.060W	FI Y 4s			On floating breakwater.	Private aid.
17860	- LIGHT 15	47-39-24.344N 122-49-40.954W	Q G	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.	
<b>Dabob Bay</b>							
17875	PULALI POINT LIGHT	47-44-15.602N 122-51-08.056W	FI W 4s	35	6	NG on tower.	

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<b>WASHINGTON - Thirteenth District</b>							
<b>PUGET SOUND - Northern Part (Chart 18441)</b>							
<b>Dabob Bay</b>							
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	Q Y			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 requires 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	FI R 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	FI Y 6s			On steel fish pen.	Private aid.
17899.1	QUILCENE BAY MUSSEL RAFT LIGHT A	47-47-14.000N 122-51-07.700W	FI Y 6s			Wood mussel raft.	Private aid.
17899.2	QUILCENE BAY MUSSEL RAFT LIGHT B	47-47-22.000N 122-51-06.100W	FI Y 6s			Wood mussel raft.	Private aid.
17899.3	QUILCENE BAY MUSSEL RAFT LIGHT C	47-47-29.600N 122-51-05.500W	FI Y 6s			Wood mussel raft.	Private aid.
17899.4	QUILCENE BAY MUSSEL RAFT LIGHT D	47-47-14.300N 122-51-11.100W	FI Y 6s			Wood mussel raft.	Private aid.
17899.5	QUILCENE BAY MUSSEL RAFT LIGHT E	47-47-21.900N 122-51-08.900W	FI Y 6s			Wood mussel raft.	Private aid.
17899.6	QUILCENE BAY MUSSEL RAFT LIGHT F	47-47-29.400N 122-51-07.900W	FI Y 6s			Wood mussel raft.	Private aid.
17900	TABOOK POINT LIGHT 18	47-44-47.474N 122-48-38.074W	FI R 6s	15	5	TR on pile.	
<b>Hood Canal</b>							
17901	- Research Lighted Buoy D	47-48-10.800N 122-48-14.400W	FI (5)Y 20s			Yellow research buoy.	Private aid.
17902	- Research Lighted Buoy A	47-25-19.800N 123-06-45.000W	FI (5)Y 20s				Private aid.
17903.1	Lilliwaup Oyster Farm Daybeacon A	47-29-24.648N 123-04-22.799W				NW on steel post.	Private aid.
17903.2	Lilliwaup Oyster Farm Daybeacon B	47-29-27.100N 123-04-20.100W				NW on steel post.	Private aid.
17903.3	Lilliwaup Oyster Farm Daybeacon C	47-29-28.247N 123-04-17.112W				NW on steel post.	Private aid.
17903.4	Lilliwaup Oyster Farm Daybeacon D	47-29-30.120N 123-04-14.771W				NW on steel post.	Private aid.
17904	- Research Lighted Buoy B	47-22-30.000N 123-00-30.000W	FI (5)Y 20s				Private aid.
17905	LYNCH COVE DOCK LIGHTS (2)	47-25-18.000N 122-54-00.000W	F Y	14			Private aid.
17910	Alderbrook Dock Regulatory Buoys (3)	47-21-06.780N 123-03-59.100W				White and Orange.	Private aid.
<b>Port Madison and Port Orchard</b>							
17915	Port Madison Lighted Mooring Buoy	47-42-41.400N 122-32-05.700W	FI W 4s			White with blue stripe.	Private aid.
17920	Port Madison Regulatory Buoy A	47-42-18.807N 122-31-40.781W				White can with orange markings.	Private aid.
17925	Treasure Island Shoal Daybeacon 2	47-41-51.399N 122-32-08.428W				TR on pile.	
17927	PORT OF INDIANOLA PIER LIGHT A	47-44-40.000N 122-31-32.000W	FI Y 6s			On end of pier.	Private aid.
17928	PORT OF INDIANOLA PIER LIGHT B	47-44-40.000N 122-31-33.000W	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.	Light is obscured from 041° to 204°.
17935	Agate Pass Highway Bridge Agate Pass mile: 1.0	47-42-44.000N 122-33-58.000W				Fixed bridge.	
17940	Agate Passage Lighted Buoy 4	47-42-31.760N 122-34-11.267W	FI R 4s		4	Red.	

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<b>WASHINGTON - Thirteenth District</b>							
<b>PUGET SOUND - Northern Part (Chart 18441)</b>							
<b>Port Madison and Port Orchard</b>							
17945	AGATE PASS FISH PEN LIGHT A	47-42-12.920N 122-34-29.520W	FI Y 4s			Floating fish pen.	Private aid.
17946	AGATE PASS FISH PEN LIGHT B	47-42-11.810N 122-34-30.250W	FI Y 4s			Floating fish pen.	Private aid.
17950	POINT BOLIN REEF LIGHT 6	47-41-47.487N 122-34-33.194W	FI R 2.5s	15	4	TR on multi-pile structure.	
17956	Manzanita Bay Regulatory Buoy A	47-40-28.653N 122-33-58.952W				White with orange markings.	Private aid.
17957	Manzanita Bay Regulatory Buoy B	47-40-11.810N 122-34-04.865W				White with orange markings.	Private aid.
17958	Manzanita Bay Regulatory Buoy C	47-40-11.679N 122-33-59.906W				White with orange markings.	Private aid.
17959	Manzanita Bay Regulatory Buoy D	47-39-54.794N 122-34-06.007W				White with orange markings.	Private aid.
17965	BATTLE POINT LIGHT	47-39-47.497N 122-35-37.049W	FI W 4s	17	7	NB on multi-pile structure.	
<b>Port of Poulsbo</b>							
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 LIGHT A	47-43-21.360N 122-38-28.260W	F Y			On corner of marina.	Private aid.
17976	LIBERTY BAY MARINA LIGHT B	47-43-24.660N 122-38-32.400W	F Y			On corner of marina.	Private aid.
17977	<i>Liberty Bay Marina No Wake Lighted Buoy</i>	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	F Y			Floating breakwater.	Private aid.
17980.1	POULSBO YACHT CLUB BREAKWATER LIGHT B	47-43-34.740N 122-38-44.040W	F Y			Floating breakwater.	Private aid.
17980.2	POULSBO YACHT CLUB BREAKWATER LIGHT C	47-43-33.960N 122-38-43.320W	F Y			Floating breakwater.	Private aid.
17980.3	POULSBO YACHT CLUB BREAKWATER LIGHT D	47-43-31.080N 122-38-40.020W	F Y			Floating breakwater.	Private aid.
17985	NORTH BREAKWATER LIGHT A	47-43-55.000N 122-38-58.000W	FI R 4s			On piling.	Private aid.
17990	MIDDLE BREAKWATER LIGHT B	47-43-50.000N 122-38-51.000W	FI Y 10s			On piling.	Private aid.
17995	SOUTH BREAKWATER LIGHT C	47-43-51.000N 122-38-46.000W	FI Y 10s			On piling.	Private aid.
<b>Eagle Harbor</b>							
18000	- 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	FI R 4s	15	4	TR on multi-pile structure.	Higher intensity beam down channel. Ra ref.
18012	Wyckoff Regulatory Buoy A	47-37-24.185N 122-30-01.918W				White with orange markings.	Marks No Anchoring Area. Private aid.
18013	Wyckoff Regulatory Buoy B	47-37-25.103N 122-30-16.819W				White with orange markings.	Marks No Anchoring Area. Private aid.
18014	Wyckoff Regulatory Buoy C	47-37-03.327N 122-30-15.344W				White with orange markings.	Marks No Anchoring Area. Private aid.
18014.5	Wyckoff Regulatory Buoy D	47-37-03.600N 122-30-25.686W				White with orange markings.	Marks No Anchoring Area. Private aid.
18015	- <i>Sand Spit Lighted Buoy 5</i>	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	FI Y 6s			On steel dolphin.	HORN: 1s-bl 15s-si, 3s-bl 10s-si Private aid.

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<b>PUGET SOUND - Northern Part (Chart 18441)</b>							
<b>Eagle Harbor</b>							
18016.1	BAINBRIDGE ISLAND FERRY TERMINAL DOLPHIN LIGHT B	47-37-19.765N 122-30-29.882W	FI Y 6s			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			On steel dolphin.	Private aid.
18016.3	FERRY MAINTENANCE FACILITY DOLPHIN LIGHT A	47-37-10.599N 122-30-44.536W	FI Y 6s			On steel dolphin.	Private aid.
18016.4	FERRY MAINTENANCE FACILITY DOLPHIN LIGHT B	47-37-11.078N 122-30-51.397W	FI Y 6s			On steel dolphin.	Private aid.
18017	BAINBRIDGE ISLAND BOAT YARD LIGHT A	47-37-03.000N 122-30-39.420W	FI Y 4s			On pile.	Private aid.
18017.5	BAINBRIDGE ISLAND BOAT YARD LIGHT B	47-37-03.350N 122-30-36.604W	FI Y 4s			On pile.	Private aid.
18018	EAGLEDALE MOORING LIGHT A	47-37-03.255N 122-30-42.566W	FI Y 4s			On dock.	Private aid.
18018.5	EAGLEDALE MOORING LIGHT B	47-37-03.270N 122-30-41.255W	FI Y 4s			On dock.	Private aid.
18019	QUEEN CITY OUTSTATION LIGHT A	47-37-14.782N 122-31-07.377W	F Y			On corner of float dock.	Private aid.
18019.5	QUEEN CITY OUTSTATION LIGHT B	47-37-15.416N 122-31-08.882W	F Y			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.
18023	- Regulatory Buoy B	47-37-12.660N 122-31-10.140W				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	Maintained from May 1 to Sep. 15. Private aid.
18025	- Regulatory Buoy D	47-37-09.360N 122-31-24.840W				White can with orange markings.	Maintained from May 1 to Sep. 15. Private aid.
18027	- Regulatory Buoy E	47-37-09.965N 122-31-33.801W				White can with orange markings.	Maintained from May 1 to Sep. 15. Private aid.
18028	- Regulatory Buoy J	47-37-25.440N 122-31-53.302W				White can with orange markings.	Maintained from May 1 to Sep. 15. Private aid.
<b>Rich Passage</b>							
18030	<i>Bainbridge Reef Lighted Buoy 4</i>	47-34-05.235N 122-31-08.350W	FI R 4s		4	Red.	
18035	ORCHARD POINT LIGHT	47-33-54.675N 122-31-55.743W	FI W 6s	34	7	On white concrete tower.	HORN: 1 blast ev 30s (3s bl). HORN is activated by keying the mic 5 times on VHF-FM Channel 81A (157.075MHz). HORN will operate for 30 minutes.
18040	<i>Orchard Rocks Lighted Buoy 6</i>	47-34-27.024N 122-32-01.803W	FI R 2.5s		4	Red.	
18045	CLAM BAY FISH PEN LIGHTS (2)	47-34-18.000N 122-32-31.000W	FI Y 6s	8		On aquaculture facility.	Private aid.
18049	- FISH PEN LIGHTS (2)	47-34-36.000N 122-31-36.000W	FI Y 6s			On aquaculture facility.	Private aid.
18050	ORCHARD ROCKS FISH PEN LIGHTS (3)	47-34-36.000N 122-31-48.000W	FI Y 6s			On aquaculture facility.	Private aid.
18055	Orchard Rocks Daybeacon	47-34-39.084N 122-31-55.223W				NB on pole.	
18065	- <i>Lighted Buoy 8</i>	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: 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.

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<b>WASHINGTON - Thirteenth District</b>							
<b>PUGET SOUND - Northern Part (Chart 18441)</b>							
<b>Rich Passage</b>							
18075	POINT WHITE LIGHT 10	47-35-24.615N 122-34-02.596W	FI R 4s	15	4	TR on multi-pile structure.	
18080	WATERMAN POINT LIGHT 11	47-35-04.200N 122-34-13.200W	FI G 4s	26	5	SG on skeleton tower, on caisson.	HORN: 1 blast ev 15s (2s bl). HORN is activated by keying the mic 5 times on VHF-FM Channel 81A (157.075MHz). HORN will operate for 15 minutes.
<b>Sinclair Inlet</b>							
18085	POINT HERRON LIGHT 12	47-33-56.002N 122-36-49.445W	FI R 6s	24	6	TR on multi-pile structure.	
18086.1	BREMERTON MARINA NORTH ENTRANCE LIGHT 1	47-33-53.213N 122-37-13.836W	FI G 2s			SG on floating breakwater.	Private aid.
18086.2	BREMERTON MARINA BREAKWATER LIGHT A	47-33-52.538N 122-37-12.655W	FI Y 4s			NY on floating breakwater.	Private aid.
18086.3	BREMERTON MARINA BREAKWATER LIGHT B	47-33-48.979N 122-37-11.744W	FI Y 4s			NY on floating breakwater.	Private aid.
18086.4	BREMERTON MARINA BREAKWATER LIGHT C	47-33-44.356N 122-37-14.668W	FI Y 4s			NY on floating breakwater.	Private aid.
18086.5	BREMERTON MARINA SOUTH ENTRANCE LIGHT 2	47-33-42.121N 122-37-20.202W	FI R 2s			TR on floating breakwater.	Private aid.
18086.6	BREMERTON MARINA FLOAT LIGHT D	47-33-40.620N 122-37-20.570W	FI Y 4s			NY on dolphin.	Private aid.
18087	PORT ORCHARD MARINA EAST BREAKWATER LIGHT	47-32-41.700N 122-38-07.700W	FI Y 4s	4		Floating breakwater.	Private aid.
18088.1	BREMERTON FERRY TERMINAL DOLPHIN LIGHT A	47-33-40.181N 122-37-29.190W	FI Y 6s			On steel dolphin.	HORN: 1bl ev 10s (4s bl) Private aid.
18088.2	BREMERTON FERRY TERMINAL DOLPHIN LIGHT B	47-33-40.573N 122-37-27.221W	FI Y 6s			On steel dolphin.	Private aid.
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	FI Y 6s			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	FI R 4s	5		On pedestal.	Private aid.
18096	PORT ORCHARD YACHT CLUB LIGHT A	47-32-25.395N 122-38-49.272W	FI Y 10s	7		On breakwater.	Private aid.
18097	PORT ORCHARD YACHT CLUB LIGHT 2	47-32-25.885N 122-38-45.256W	FI R 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	FI Y 10s	7		On breakwater.	Private aid.
<b>Port Washington Narrows</b>							
18102	<b>Manette Highway Bridge</b> Port Washington Narrows mile: 0.3	47-34-12.000N 122-37-13.000W				Fixed bridge.	
18103	<b>Warren Avenue Street Bridge</b> 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	F Y	5		On pile structure.	Private aid.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>LAKE WASHINGTON SHIP CANAL (Chart 18447)</b>							
<b>Shilshole Bay</b>							
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	Fl G 2.5s		4	Green.	
18130	- Entrance Lighted Buoy 2	47-40-39.366N 122-24-57.533W	Fl 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	Fl 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	Fl R 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	F Y	8		On pile structure.	Maintained by U.S. Army Corps of Engineers. Private aid.
18169	<b>Salmon Bay Railroad Bridge</b> Lake Washington Ship Canal mile: 0.1	47-40-01.000N 122-24-07.000W				Basculer bridge.	
18170	LAKE WASHINGTON SHIP CANAL SIGNAL LIGHTS (3)	47-40-03.000N 122-24-09.000W	F W				If neither light is shown, vessels bound for large lock must stop at Stop sign (below small lock) until 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 proceed to Stop sign below that lock. Maintained by U.S. Army Corps of Engineers. Private aid.
<b>Hiram M. Chittenden Locks to Lake Washington</b>							
18175	UPPER GUIDE WALL LIGHT	47-39-53.000N 122-23-28.000W	F Y	14		On pile structure.	Maintained by U.S. Army Corps of Engineers. Private aid.
18180	<b>Ballard Street Bridge</b> Lake Washington Ship Canal mile: 1.1	47-39-35.000N 122-22-34.000W				Basculer bridge.	
18182	<b>Fremont Street Bridge</b> Lake Washington Ship Canal mile: 2.6	47-38-51.000N 122-20-59.000W				Basculer bridge.	
<b>Lake Union</b>							
18184	<b>George Washington Street Bridge</b> 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	Fl Y 2.5s			Yellow.	Marks rectangular test area. Private aid.
18190	- Test Area Lighted Buoy B	47-38-23.000N 122-19-56.000W	Fl Y 2.5s			Yellow.	Marks rectangular test area. Private aid.
18195	- Test Area Lighted Buoy C	47-38-26.000N 122-19-56.000W	Fl Y 2.5s			Yellow.	Marks rectangular test area. Private aid.
18200	- Test Area Lighted Buoy D	47-38-26.000N 122-20-15.000W	Fl Y 2.5s			Yellow.	Marks rectangular test area. Private aid.
18205	- Lighted Buoy 11	47-38-36.668N 122-20-01.320W	Fl G 6s		4	Green.	
18210	- Shoal Buoy 2	47-37-49.569N 122-20-13.720W				Red nun.	

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<b>WASHINGTON - Thirteenth District</b>							
<b>LAKE WASHINGTON SHIP CANAL (Chart 18447)</b>							
<b>Lake Union</b>							
18215.1	Seaplane Warning Lighted Buoy A	47-38-17.546N 122-20-05.286W	Fl 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	Fl 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	Fl 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	Fl 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	Fl 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	F Y	10		Dolphin.	Private aid.
18221	WARDS COVE MARINA LIGHT A	47-38-46.361N 122-19-41.299W	Fl Y 4s			On float dock.	Private aid.
18221.1	WARDS COVE MARINA LIGHT B	47-38-48.813N 122-19-39.600W	Fl Y 4s			On float dock.	Private aid.
18222	WARDS COVE FLOAT HOUSE LIGHT A	47-38-49.099N 122-19-37.706W	Fl Y 4s			On float house.	Private aid.
18222.1	WARDS COVE FLOAT HOUSE LIGHT B	47-38-50.218N 122-19-36.976W	Fl Y 4s			On float house.	Private aid.
18223	WARDS COVE FLOAT HOUSE LIGHT C	47-38-50.367N 122-19-35.436W	Fl Y 4s			On float house.	Private aid.
18224	NET ANCHOR PILING LIGHT	47-38-52.506N 122-19-35.465W	Fl Y 4s			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 122-19-21.000W				Fixed bridge.	
18235	University Street Bridge Lake Washington Ship Canal mile: 4.3	47-39-09.000N 122-19-13.000W				Bascule bridge.	
<b>Union Bay Reach</b>							
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.	
<b>Lake Washington</b>							
18270	WEBSTER POINT LIGHT 21	47-38-51.384N 122-16-33.597W	Fl 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	F Y			On northwest and northeast corners of pier.	Aid maintained by National Oceanic and Atmospheric Administration. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>LAKE WASHINGTON SHIP CANAL (Chart 18447)</b>							
<b>Lake Washington</b>							
18293	<i>Kenmore Channel Lighted Mooring Buoy</i>	47-45-04.906N 122-15-56.015W	Fl W 4s			White with blue band.	Private aid.
18295	<i>Kenmore Channel Lighted Buoy 2</i>	47-45-08.213N 122-15-46.777W	Fl R 2.5s		4	Red.	
18300	<i>Kenmore Channel Lighted Buoy 4</i>	47-45-14.170N 122-15-41.523W	Fl R 4s		3	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	Fl Y 4s			On breakwater.	Private aid.
18302	<i>Carillon Point Marina Lighted Regulatory Buoy</i>	47-39-19.500N 122-12-34.000W	Fl W 4s			White and orange.	Private aid.
18303	CARILLON POINT MARINA SOUTH ENTRANCE LIGHT	47-39-16.500N 122-12-32.500W	Fl Y 4s			On breakwater.	Private aid.
18322	<i>SR-520 Bridge East Channel NE Mooring Cable Lighted Warning Buoy</i>	47-38-21.552N 122-14-36.312W	Fl 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				Orange 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	<i>SR-520 Bridge East Channel SE Mooring Cable Lighted Warning Buoy</i>	47-38-15.869N 122-14-38.155W	Fl 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	Fl Y 6s			NY on Pier.	Private aid.
18335	SR-520 BRIDGE MAINTENANCE PIER SOUTH LIGHT B	47-38-17.200N 122-14-31.140W	Fl Y 6s			NY on Pier.	Private aid.
18340	<b>SR 520 Evergreen Point Highway Bridge</b> Lake Washington	47-38-25.000N 122-15-35.000W				Floating bridge.	
18342	<i>SR-520 Bridge West Channel SW Mooring Cable Lighted Warning Buoy</i>	47-38-30.929N 122-16-28.270W	Fl 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	<i>SR-520 Bridge West Channel NW Mooring Cable Lighted Warning Buoy</i>	47-38-37.209N 122-16-26.335W	Fl W 2s			Orange and white.	Marks bridge pontoon cable. Private aid.
18350	- <i>Central Monitoring Lighted Buoy</i>	47-36-44.000N 122-15-15.400W	Fl Y 4s			Yellow buoy.	Private aid.
18375	BELLEVUE MARINA DOCK LIGHTS (8)	47-36-36.000N 122-12-30.000W	F Y	4		On end of piers.	Private aid.
18380	MEYDENBAUER BAY YACHT CLUB LIGHTS (6)	47-36-28.429N 122-12-30.322W	F Y			On corners of docks.	Private aid.
18385	SOUTH LESCHI BREAKWATER LIGHTS (5)	47-36-05.259N 122-17-00.628W	F Y			On floating breakwater.	Private aid.
18387	NORTH LESCHI BREAKWATER LIGHTS (5)	47-36-14.688N 122-16-55.991W	F Y			On floating breakwater.	Private aid.
18389	<b>Interstate 90 Highway Bridge (west channel)</b> 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>LAKE WASHINGTON SHIP CANAL (Chart 18447)</b>							
<b>Lake Washington</b>							
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	<i>Southport Lighted Buoy 1</i>	47-30-15.380N 122-12-24.400W	FI G 4s			Green can.	Private aid.
18396.7	<i>Southport Lighted Buoy 2</i>	47-30-13.620N 122-12-27.560W	FI R 4s			Red nun.	Private aid.
18396.8	SOUTHPORT DOCK LIGHT 4	47-30-12.420N 122-12-24.870W	FI R 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	<b>Interstate 90 Highway Bridge (east channel)</b> Lake Washington.	47-34-43.000N 122-12-02.000W				Fixed bridge.	
<b>PUGET SOUND - Seattle to Olympia (Chart 18448)</b>							
<b>Puget Sound</b>							
18400	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	47-10-42.959N 122-55-20.577W				Red nun.	
<b>Squaxin Passage</b>							
<b>Totten Inlet</b>							
18408	WINDY POINT SHELLFISH PEN LIGHT A	47-10-20.130N 122-57-32.772W	FI Y 4s			Wood shellfish float.	Maintaned from April 1 to November 1. Private aid.
18410	- AQUACULTURE LIGHT A	47-07-41.322N 123-00-59.789W	FI Y 6s			On floating pen.	Private aid.
18411	- AQUACULTURE LIGHT B	47-07-39.504N 123-01-00.264W	FI Y 6s			On floating pen.	Private aid.
<b>Puget Sound</b>							
18412	<i>Kamilche Sea Farms Lighted Buoy A</i>	47-07-31.379N 123-01-05.124W	FI Y 5s			Yellow.	Private aid.
<b>Squaxin Passage</b>							
<b>Totten Inlet</b>							
18413	- MUSSEL RAFT LIGHT A	47-08-55.993N 122-58-31.238W	FI Y 4s			On floating raft.	Private aid.
18414	- MUSSEL RAFT LIGHT B	47-08-51.238N 122-58-32.023W	FI Y 4s			On floating raft.	Private aid.
<b>Puget Sound</b>							
18415	Totten Inlet Daybeacon 1	47-11-13.838N 122-56-32.619W				SG on pile.	
<b>Hammersley Inlet</b>							
18426	HUNGERFORD POINT LIGHT 2	47-12-18.596N 122-56-08.457W	FI R 4s	17	4	TR on dolphin.	
18435	LIBBY POINT LIGHT 4	47-11-59.489N 122-59-22.671W	FI R 4s	18	4	TR on tower, on dock.	
18440	CHURCH POINT LIGHT 6	47-12-27.668N 123-00-45.261W	FI R 6s	20	4	TR on tower.	
18450	PEALE PASSAGE FISH PEN LIGHTS (2)	47-12-02.600N 122-54-13.000W	FI Y 6s			On floating pen.	Private aid.
18452	SQUAXIN ISLAND FISH PEN LIGHTS (2)	47-12-11.100N 122-54-17.200W	FI Y 6s			On floating pen.	Private aid.
18454	SALISH SEAFOODS FLOATING PEN LIGHT	47-12-53.265N 122-54-46.019W	FI Y 6s			On corner of pen.	Private aid.
18454.5	<b>Hartstene Island Highway Bridge</b> Pickering Passage	47-14-44.000N 122-55-33.000W				Fixed bridge.	

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<b>WASHINGTON - Thirteenth District</b>							
<b>PUGET SOUND - Northern Part (Chart 18441)</b>							
<b>Possession Sound</b>							
18455 16560	<i>Possession Point Lighted Bell Buoy 1</i>	47-53-48.558N 122-23-07.460W	FI G 4s		4	Green.	
18460	<b>Mukilteo Light</b>	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 the mic 5 times on VHF-FM Channel 83A (157.175MHz). HORN will operate for 30 minutes.
18465	MUKILTEO FERRY TERMINAL DOLPHIN LIGHT	47-57-04.269N 122-17-51.450W	FI Y 6s			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	FI Y 6s	20		Cement dock.	Private aid.
18467	EVERETT RAIL DOCK LIGHT B	47-57-15.591N 122-17-17.577W	FI Y 6s	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	FI Y 6s			On steel dolphin.	SIREN: 1bl ev 17s (7s bl) Private aid.
18471	CLINTON FERRY TERMINAL DOLPHIN LIGHT B	47-58-26.842N 122-20-57.125W	FI Y 6s			On steel dolphin.	Private aid.
18472	CLINTON FERRY TERMINAL DOLPHIN LIGHT C	47-58-36.377N 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	FI Y 6s			On steel dolphin.	SIREN: 1bl ev 23s (17s bl) Private aid.
18475	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	FI R 4s			TR on pile structure.	Private aid.
<b>Port Gardner</b>							
18495	STEAMBOAT FLATS LIGHT	48-00-56.293N 122-16-14.421W	FI W 2.5s	15	4	NB on multi-pile structure.	
18500	- LIGHT 1	47-59-29.940N 122-14-54.486W	FI G 4s	15	4	SG on multi-pile 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	FI Y 2s			Gray floating barrier.	Navy maintained. Floating steel 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	FI Y 4s			On cement dolphin.	Private aid.
18511	PORT OF EVERETT MARINE TERMINAL SOUTH DOLPHIN LIGHT	47-58-34.726N 122-13-37.469W	FI Y 4s			On cement dolphin.	Private aid.
<b>EVERETT HARBOR (Chart 18444)</b>							
<b>Snohomish River</b>							
18520	- <i>Lighted Buoy 3</i>	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	F Y			On southwest corner of pier.	Navy maintained. Private aid.
18541	NAVSTA PIER LIGHT B	47-59-39.970N 122-13-26.250W	F Y			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	FI R 4s			On dolphin.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>EVERETT HARBOR (Chart 18444)</b>							
<b>Snohomish River</b>							
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	FI R 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	FI R 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	FI Y 4s			On pile.	Private aid.
18548	PORT OF EVERETT JETTY ISLAND LIGHT B	48-00-13.142N 122-13-35.494W	FI Y 4s			On pile.	Private aid.
18549	PORT OF EVERETT JETTY ISLAND LIGHT C	48-00-11.442N 122-13-35.494W	FI Y 4s			On pile.	Private aid.
18550	- RANGE FRONT LIGHT	48-00-54.996N 122-13-27.867W	Q G	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.	
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	FI R 4s	15	4	TR on pile.	
18591.1	<b>Burlington Northern Railroad Bridge 37</b> Snohomish River mile: 3.5	48-01-02.000N 122-11-19.000W				Swing bridge.	
18591.2	<b>SR 529 Highway Bridge (South Bound)</b> Snohomish River mile: 3.7	48-01-01.000N 122-11-15.000W				Vertical lift bridge.	
18591.3	<b>SR 529 Highway Bridge (North Bound)</b> 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	FI Y 4s			On dolphin.	Private aid.
18593	- MOORING DOLPHIN LIGHT B	48-00-50.288N 122-10-49.853W	FI Y 4s			On dolphin.	Private aid.
18594.1	<b>Interstate 5 Highway Bridge (South Bound)</b> Snohomish River mile: 5.4	47-59-35.000N 122-10-47.000W				Fixed bridge.	
18594.11	<b>SR 529 Highway Bridge (North Bound)</b> Snohomish River - Steamboat Slough mile: 1.2	48-02-09.000N 122-10-53.000W				Swing bridge.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>EVERETT HARBOR (Chart 18444)</b>							
<b>Snohomish River</b>							
18594.12	<b>Interstate 5 Highway Twin Bridge</b> Snohomish River - Steamboat Slough mile: 1.3	48-02-09.000N 122-10-42.000W				Fixed Bridge.	
18594.2	<b>Interstate 5 Highway Bridge (North Bound)</b> Snohomish River mile: 5.4	47-59-34.000N 122-10-47.000W				Fixed bridge.	
18594.3	<b>SR 2 Highway Bridge (West Bound)</b> Snohomish River mile: 6.7	47-58-46.000N 122-10-52.000W				Fixed bridge.	
18594.4	<b>SR 2 Highway Bridge (East Bound)</b> Snohomish River mile: 6.9	47-58-43.000N 122-10-58.000W				Fixed bridge.	
18594.5	<b>Interstate 5 Highway Bridge</b> Snohomish River - Ebey Slough mile: 1.4	48-02-50.000N 122-10-59.000W				Fixed bridge.	
18594.6	<b>Burlington Northern Santa Fe Railroad Bridge 38.3</b> Snohomish River - Ebey Slough mile: 1.5	48-02-49.000N 122-10-53.000W				Swing bridge.	
18594.7	<b>SR 529 Highway Bridge</b> Snohomish River - Ebey Slough mile: 1.6	48-02-46.000N 122-10-43.000W				Swing bridge.	
18594.8	<b>Burlington Northern Santa Fe Steamboat Slough Railroad Bridge</b> Snohomish River - Steamboat Slough mile: 1.0	48-02-08.000N 122-11-03.000W				Swing bridge.	
18594.9	<b>SR 529 Highway Bridge (South Bound)</b> Snohomish River - Steamboat Slough mile: 1.1	48-02-09.000N 122-10-58.000W				Swing bridge.	
<b>PUGET SOUND - Northern Part (Chart 18441)</b>							
<b>Saratoga Passage</b>							
18595	TULALIP BAY LIGHT 2	48-03-16.023N 122-17-39.226W	FI R 4s	15	4	TR on pile.	
18598	TULALIP TRIBES BREAKWATER LIGHT A	48-03-41.864N 122-16-46.761W	FI Y 6s			On breakwater.	Private aid.
18599	KAYAK POINT PIER LIGHT	48-08-11.800N 122-22-07.500W	FI Y 6s			On wood pier.	Private aid.
18600	<i>Port Susan Research Lighted Buoy</i>	48-10-32.544N 122-25-12.210W	FI Y 4s			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.	
<b>Langley Breakwater</b>							
18611	LANGLEY HARBOR OUTER BREAKWATER LIGHT A	48-02-20.657N 122-24-10.876W	F Y			On floating breakwater.	Private aid.
18611.5	LANGLEY HARBOR OUTER BREAKWATER LIGHT B	48-02-19.742N 122-24-07.194W	F Y			On floating breakwater.	Private aid.
18612	LANGLEY HARBOR OUTER BREAKWATER LIGHT 2	48-02-18.318N 122-24-06.606W	FI R 4s			On floating breakwater.	Private aid.
18612.5	LANGLEY HARBOR INNER DOCK LIGHT C	48-02-19.750N 122-24-12.540W	F Y			On inner dock.	Private aid.
18613	LANGLEY HARBOR INNER DOCK LIGHT D	48-02-19.900N 122-24-10.520W	F Y			On inner dock.	Private aid.
18613.5	LANGLEY HARBOR INNER DOCK LIGHT E	48-02-19.050N 122-24-08.920W	F Y			On inner dock.	Private aid.
18614	LANGLEY HARBOR INNER DOCK LIGHT 4	48-02-18.180N 122-24-09.610W	FI R 6s			On inner dock.	Private aid.
18615	Holmes Harbor Buoy 1	48-06-12.198N 122-31-56.441W				Green can.	
<b>Saratoga Passage</b>							
18620	EAST POINT LIGHT 3	48-05-49.098N 122-29-29.462W	FI G 6s	21	6	SG on skeleton tower.	

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<b>WASHINGTON - Thirteenth District</b>							
<b>PUGET SOUND - Northern Part (Chart 18441)</b>							
<b>Saratoga Passage</b>							
18625	- LIGHT 4	48-07-57.399N 122-30-39.076W	FI R 4s	15	5	TR on skeleton tower.	
18630	ONAMAC POINT LIGHT 6	48-11-01.893N 122-32-13.036W	FI R 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	FI Y 6s			On aquaculture facility.	Private aid.
18646	PENN COVE MUSSEL RAFT WEST LIGHTS (2)	48-13-05.146N 122-42-45.454W	FI Y 6s			On aquaculture facility.	Private aid.
18670	ROLLING HILLS PIER LIGHT	48-14-15.240N 122-42-32.100W	Q Y			On end of pier.	Private aid.
<b>Oak Harbor</b>							
18675	- <i>Lighted Buoy 2</i>	48-15-26.015N 122-37-42.064W	FI R 4s		4	Red.	
18680	- LIGHT 4	48-16-02.371N 122-38-22.496W	FI R 2.5s	15	4	TR on pile.	
18690	- <i>Shoal Lighted Buoy 5</i>	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.	
18700	- <i>Lighted Buoy 8</i>	48-16-23.945N 122-38-45.742W	FI R 6s		4	Red.	
18705	- LIGHT 10	48-16-38.591N 122-38-50.165W	FI R 4s	15	4	TR on pile.	
18710	- LIGHT 11	48-16-39.486N 122-39-08.047W	FI G 6s	15	4	SG on pile.	
18715	- LIGHT 12	48-16-53.132N 122-38-44.228W	FI R 2.5s	15	3	TR on pile.	
<b>Oak Harbor Marina</b>							
18724	- 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	FI R 6s			On breakwater.	Private aid.
18726	- <i>Shoal Warning Lighted Buoy B</i>	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	- <i>Shoal Warning Lighted Buoy C</i>	48-17-12.600N 122-38-10.200W	FI W 6s			White and orange.	Private aid.
18729	- North Entrance Daybeacon 5	48-17-11.580N 122-38-08.640W				SG on Pile.	Private aid.
18729.1	- <i>Shoal Warning Lighted Buoy D</i>	48-17-12.540N 122-38-04.620W	FI W 6s			White and orange.	Private aid.
18729.2	- <i>Shoal Warning Lighted Buoy E</i>	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	FI Y 6s			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	FI R 6s			On pile.	Private aid.
<b>Saratoga Passage</b>							
18750	CRESCENT HARBOR NAVY PIER BREAKWATER LIGHT	48-17-05.923N 122-37-07.697W	FI Y 6s			On end of breakwater.	Maintained by the U.S. Navy. Private aid.
<b>Skagit Bay</b>							
18755	- 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	FI R 4s			TR on steel pile.	Private aid.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>WASHINGTON - Thirteenth District</b>							
<b>PUGET SOUND - Northern Part (Chart 18441)</b>							
<b>Skagit Bay</b>							
18758	MARINERS COVE WARNING LIGHT A	48-17-16.870N 122-31-10.630W	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 3	48-18-00.627N 122-30-14.008W	FI G 4s	15	5	SG on dolphin.	
18765	- <i>Lighted Buoy 4</i>	48-18-07.567N 122-29-06.388W	FI R 4s		4	Red.	
<b>STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)</b>							
<b>Skagit Bay</b>							
18770	- Buoy 6	48-19-30.145N 122-30-40.962W				Red nun.	
18771	- Buoy 8	48-19-55.518N 122-31-23.384W				Red nun.	
18775	- <i>Lighted Buoy 10</i>	48-20-24.048N 122-32-04.578W	FI R 4s		4	Red.	
18780	- Buoy 12	48-21-04.030N 122-32-57.183W				Red nun.	
<b>Skagit River</b>							
18783	<b>SR 536 Division Street Bridge</b> Skagit River mile: 12.5	48-25-18.000N 122-20-24.000W				Swing bridge.	
<b>Swinomish Channel South Entrance</b>							
18785	- RANGE FRONT LIGHT	48-21-32.965N 122-33-57.729W	Q W	17		KRB on multi-pile structure.	Visible all around; higher intensity 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	- <i>Lighted Buoy 2</i>	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	48-21-52.852N 122-32-20.542W				TR on pile.	
18815	- Daybeacon 13	48-22-02.066N 122-31-51.205W				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	Q G	15	3	SG on concrete crib.	
18835	- LIGHT 18	48-22-29.055N 122-30-33.604W	Q R	15	3	TR on pole.	
18840	- LIGHT 20	48-22-58.492N 122-30-22.478W	FI R 4s	15	4	TR on pile.	
18841	<b>Rainbow Highway Bridge</b> 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	F Y			On pile structure.	Private aid.

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<b>WASHINGTON - Thirteenth District</b>							
<b>STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)</b>							
<b>Swinomish Channel South Entrance</b>							
18845	LA CONNER MARINA NORTH BASIN LIGHT	48-24-01.840N 122-29-46.460W	F Y			On pile structure.	Private aid.
<b>PUGET SOUND - Northern Part (Chart 18441)</b>							
<b>Skagit Bay</b>							
18880	SEAL ROCKS LIGHT 14	48-22-25.641N 122-33-47.714W	FI R 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.	
18888	HOPE ISLAND FISH PEN LIGHTS (2)	48-24-29.700N 122-33-42.750W	FI Y 6s			NW of two on floating pen.	Private aid.
<b>STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)</b>							
<b>Deception Pass</b>							
18890	BEN URE ISLAND LIGHT 2	48-24-16.455N 122-37-42.665W	FI R 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.	
<b>Cornet Bay</b>							
18900	- LIGHT 1	48-24-02.717N 122-37-36.695W	FI G 4s			SG on pile.	Private aid.
18905	- LIGHT 2	48-24-02.714N 122-37-37.812W	FI R 4s			TR on pile.	Private aid.
18915	- Daybeacon 3	48-24-01.389N 122-37-37.376W				SG on pile.	Private aid.
18920	- Daybeacon 4	48-24-01.699N 122-37-38.312W				TR on pile.	Private aid.
18925	- Daybeacon 5	48-23-59.279N 122-37-38.424W				SG on pile.	Private aid.
18930	- Daybeacon 6	48-23-59.737N 122-37-39.475W				TR on pile.	Private aid.
18935	- Daybeacon 7	48-23-57.213N 122-37-39.244W				SG on pile.	Private aid.
18940	- Daybeacon 8	48-23-57.821N 122-37-40.490W				TR on pile.	Private aid.
<b>Guemes Channel</b>							
18945	- <i>Lighted Buoy 2</i>	48-30-39.887N 122-41-54.696W	FI R 2.5s		4	Red.	
18948	ANACORTES FERRY BREAKWATER LIGHT	48-31-12.000N 122-37-24.000W	FI R 4s	14		On breakwater.	Private aid.
18955	ANACORTES FERRY TERMINAL DOLPHIN LIGHT A	48-30-29.159N 122-40-38.218W	FI Y 10s			On steel dolphin.	SIREN: 1bl ev 30s (10s bl). Private aid.
18956	ANACORTES FERRY TERMINAL DOLPHIN LIGHT B	48-30-28.742N 122-40-35.956W	FI Y 10s			On steel dolphin.	Private aid.
18957	ANACORTES FERRY TERMINAL DOLPHIN LIGHT C	48-30-27.650N 122-40-34.246W	FI Y 10s			On steel dolphin.	Private aid.
18960	SHANNON POINT LIGHT	48-30-34.987N 122-41-01.753W	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 Channel 81A (157.075MHz). HORN will operate for 30 minutes. Ra ref.
18965	- <i>Lighted Buoy 3</i>	48-31-18.389N 122-39-22.691W	FI G 2.5s		4	Green.	
18970	- <i>Lighted Buoy 4</i>	48-31-09.919N 122-39-11.390W	FI R 4s		4	Red.	
18975	- <i>Lighted Buoy 5</i>	48-31-24.380N 122-38-27.558W	FI G 4s		3	Green.	
18984	PORT OF ANACORTES PIER 1 LIGHT C	48-31-19.506N 122-36-49.381W	F Y			On pier.	Private aid.
18985	PORT OF ANACORTES PIER 2 LIGHT A	48-31-19.718N 122-36-31.478W	F Y			On pier.	Private aid.
18986	PORT OF ANACORTES PIER 2 LIGHT B	48-31-19.668N 122-36-24.652W	F Y			On pier.	Private aid.

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<b>WASHINGTON - Thirteenth District</b>							
<b>STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)</b>							
<b>Guemes Channel</b>							
<b>Cap Sante Waterway</b>							
18990	- Daybeacon 1 50 feet outside channel limit.	48-30-40.680N 122-35-55.009W				SG on pile.	
18995	- LIGHT 2 15 feet outside channel limit.	48-30-42.913N 122-35-55.573W	FI R 2.5s	15	4	TR on pile.	
19000	- Daybeacon 3 15 feet outside channel limit.	48-30-41.040N 122-36-05.120W				SG on pile.	
19005	- Daybeacon 4	48-30-42.750N 122-36-09.707W				TR on pile.	
19010	- LIGHT 5	48-30-41.793N 122-36-16.104W	FI G 4s	15	4	SG on pile.	
19015	- LIGHT 6	48-30-42.123N 122-36-18.729W	FI R 4s	15	4	TR on pile.	
19016.1	Danger Rocks Daybeacon	48-30-41.243N 122-36-18.615W				NW on piling.	Private aid.
19016.2	Danger Rocks Daybeacon	48-30-40.629N 122-36-18.615W				NW on piling.	Private aid.
19016.3	Danger Rocks Daybeacon	48-30-40.016N 122-36-20.106W				NW on piling.	Private aid.
19016.4	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.
<b>Padilla Bay</b>							
19017	VENDOV I ISLAND LIGHT 2	48-36-31.815N 122-35-54.467W	FI R 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	- <i>Lighted Bell Buoy 4</i>	48-34-44.051N 122-35-46.837W	FI R 4s		4	Red.	
19023	- <i>Research Lighted Buoy</i>	48-33-28.060N 122-34-24.380W	FI Y 4s			Yellow	Private aid.
19025	- <i>Lighted Buoy 5</i>	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.	
<b>Anacortes Harbor</b>							
19040	Fidalgo Bay Shoal Buoy 2	48-30-36.245N 122-35-07.251W				Red nun.	
19045	- <i>Junction Lighted Buoy A</i>	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	FI R 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.

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<b>STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)</b>							
<b>Anacortes Harbor</b>							
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	FI R 6s	11		TR on multi-pile structure.	Private aid.
19060.5	MJB FLOAT DOCK LIGHT A	48-30-04.280N 122-36-12.870W	FI Y 6s			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	FI R 4s			On outer breakwater.	Private aid.
19063	FIDALGO MARINA INNER LIGHT A	48-29-54.639N 122-36-02.128W	F Y			On inner breakwater.	Private aid.
19064	FIDALGO MARINA INNER LIGHT B	48-29-54.697N 122-36-00.889W	F Y			On inner breakwater.	Private aid.
19065	SHELL OIL COMPANY WHARF LIGHT A	48-30-35.355N 122-34-54.656W	F Y	25		Mooring platform.	Private aid.
19067	SHELL OIL COMPANY WHARF LIGHT B	48-30-32.985N 122-34-38.526W	F Y			Mooring platform.	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	F Y	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	F Y	16		On pier.	Private aid.
<b>Swinomish Channel North Entrance</b>							
19075	- LIGHT 2	48-30-31.766N 122-33-17.579W	FI R 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	FI R 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	48-28-39.076N 122-31-51.400W	FI R 4s	18	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	FI R 4s	17	4	TR on pile.	
19138	- Buoy 27	48-28-03.081N 122-31-17.450W				Green can.	

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<b>Swinomish Channel North Entrance</b>							
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	<b>Burlington Northern Santa Fe Railroad Bridge 7.6</b> 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	<b>Duane Berentson Highway Bridge (Eastbound)</b> Swinomish channel mile: 8.2	48-27-16.000N 122-30-51.000W				Fixed bridge.	
19155.3	<b>Duane Berentson Highway Bridge (Westbound)</b> Swinomish channel mile: 8.2	48-27-16.000N 122-30-52.000W				Fixed bridge.	
19156	- Buoy 31	48-25-30.730N 122-30-02.979W				Green can.	
19157	- LIGHT 32	48-25-26.338N 122-30-08.070W	FI R 4s	15	4	TR on pile.	
19158	- Buoy 34 Marks rocks.	48-25-15.290N 122-30-04.786W				Red nun.	
19160	- Buoy 35	48-25-11.519N 122-30-01.608W				Green can.	
<b>Bellingham Channel</b>							
19165	Yellow Bluff Reef Obstruction Daybeacon	48-31-56.002N 122-39-24.335W				NB on pile.	
19170	- <i>Lighted Bell Buoy 4</i>	48-32-11.390N 122-40-09.694W	FI R 4s		4	Red.	
19172	SECRET HARBOR FISH PEN LIGHTS (2)	48-33-14.900N 122-40-57.400W	FI Y 6s			East of two lights on pen.	Private aid.
19175	- LIGHT 5	48-33-58.351N 122-40-05.766W	FI G 4s	15	5	SG on tower.	Higher intensity beam up and down channel.
19180	- <i>Lighted Buoy 6</i>	48-35-27.393N 122-39-06.896W	FI R 4s		4	Red.	
19185	- 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.	
19195	VENDOV COVE LIGHT	48-36-55.200N 122-36-41.400W	FI Y 4s			On cement pad.	Private aid.
19200	VITI ROCKS LIGHT	48-37-59.655N 122-37-21.736W	FI W 2.5s	45	5	NB on skeleton tower.	
19205	<i>Viti Rocks Lighted Bell Buoy 9</i>	48-37-48.104N 122-37-08.215W	Q G		4	Green.	
19215	ELIZA ROCKS JUNCTION LIGHT	48-38-37.115N 122-34-41.678W	FI (2+1)G 6s	21	5	JG on concrete pedestal.	
<b>Bellingham Bay</b>							
19220	<i>Post Point Lighted Buoy 2</i>	48-42-48.711N 122-31-45.464W	FI R 4s		4	Red.	
19223	FERRY PIER LIGHT	48-43-23.630N 122-30-44.770W	F Y			On dolphin.	Private aid.
19224	TAYLOR PARK DINGY DOCK LIGHT A	48-43-31.440N 122-30-27.600W	FI Y 4s	7		On steel piling.	Private aid.
19225	Starr Rock Buoy 4 35 yards west of rock.	48-44-04.543N 122-30-15.177W				Red nun.	
19230	<i>Georgia Pacific Outfall Lighted Buoy</i>	48-44-03.900N 122-31-06.960W	FI Y 10s			Yellow.	Private aid.
19240	WHATCOM WATERWAY RANGE FRONT LIGHT	48-45-10.170N 122-29-02.799W	Q G	39		KRW on pile.	Visible 1.5° each side of rangeline.

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<b>Bellingham Bay</b>							
19245	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.
19250	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.	
19256	I & J Street Waterway Buoy 2	48-45-02.138N 122-29-57.076W				Red nun.	
19260	I & J STREET WATERWAY LIGHT 3	48-45-10.215N 122-29-51.065W	FI G 4s	16	4	SG on pole, on riprap.	
19262	I & J Street Waterway Buoy 4	48-45-09.190N 122-29-47.137W				Red nun.	
19265	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.	
19270	BELLINGHAM BREAKWATER ENTRANCE LIGHT 1	48-45-13.695N 122-30-25.985W	FI G 4s	17	5	SG on pile at end of breakwater.	
19272	Bellingham Harbor Shoal Buoy A	48-45-16.500N 122-30-35.000W				White with orange markings.	Private aid.
19273	Bellingham Harbor Shoal Buoy B	48-45-19.500N 122-30-38.300W				White with orange markings.	Private aid.
19274	<i>Squalicum Creek Entrance Lighted Buoy 1</i>	48-45-18.114N 122-30-59.057W	FI G 4s		4	Green.	
19275	<i>Squalicum Creek Entrance Lighted Buoy 2</i>	48-45-23.851N 122-30-47.194W	FI R 4s		4	Red.	
19280	BELLINGHAM BREAKWATER NORTH ENTRANCE LIGHT 4	48-45-26.343N 122-30-41.519W	FI R 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	Q G			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	- <i>Research Lighted Buoy B</i>	48-43-25.291N 122-34-35.514W	FI (5)Y 20s			Yellow buoy.	Private aid.
19285	- <i>Rocks Junction Lighted Buoy</i> Marks south edge of rocks.	48-40-25.169N 122-35-27.691W	FI (2+1)R 6s		3	Red and green bands.	
<b>Hale Passage</b>							
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	48-43-13.980N 122-40-50.704W	FI R 4s			On piling.	Private aid.
19305	Point Francis Shoal Buoy 4	48-41-40.839N 122-38-16.151W				Red nun.	
19310	<i>Lummi Point Lighted Buoy 5</i>	48-44-04.940N 122-41-10.614W	FI G 4s		4	Green.	
19315	<i>Point Migley Lighted Junction Buoy</i>	48-45-15.500N 122-43-27.652W	FI (2+1)R 6s		4	Red and green bands.	
<b>Rosario Strait</b>							
19320	<i>Lawson Reef Junction Lighted Bell Buoy</i>	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	<i>Lawson Reef Lighted Bell Buoy 2</i>	48-24-41.049N 122-46-23.799W	FI R 2.5s		4	Red.	
19335	<i>Williamson Rocks Lighted Buoy 4</i>	48-26-50.278N 122-42-24.968W	FI R 4s		4	Red.	
19340	<i>Kellett Ledge Lighted Buoy 3</i>	48-27-01.579N 122-47-31.001W	FI G 2.5s		4	Green.	

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<b>Rosario Strait</b>							
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 83A (157.175 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	FI R 4s			TR on pile.	Private aid.
19366	Skyline Marina Daybeacon 3	48-29-23.910N 122-40-36.270W				SG on pile.	Private aid.
19367	Skyline Marina Daybeacon 4	48-29-23.610N 122-40-35.080W				TR on pile.	Private aid.
19370	LOPEZ PASS LIGHT 2	48-28-52.035N 122-49-05.501W	FI R 4s	21	4	TR on skeleton tower.	
19375	Mud Bay Daybeacon	48-27-38.523N 122-49-50.855W				NR on pole.	
19380	Ram Island Rock Daybeacon 4	48-28-22.797N 122-50-11.903W				TR on pole.	
19385	Center Island Reef Daybeacon	48-29-04.641N 122-50-05.981W				NB on pole.	
19390	Center Island Reef Daybeacon 6	48-29-05.091N 122-50-08.111W				TR on pole.	Ra Ref.
19395	BELLE ROCK SECTOR LIGHT	48-29-34.766N 122-45-09.749W	FI W 2.5s	22	W 7 R 7	NB on skeleton tower on steel cylindrical base.	White light visible 360°. High intensity red sector visible 1.5° either side of 175°. Red light faint but visible 2° either side of the 3° sector.
19400	<i>Reef Point Junction Lighted Buoy</i>	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 122-48-34.321W	FI R 6s	15	6	TR on multi-pile structure.	
19420	Undertaker's Reef Daybeacon 5	48-31-22.593N 122-49-46.319W				SG on pole.	Ra Ref.
19425	LEO REEF LIGHT	48-33-11.282N 122-51-15.020W	FI W 4s	15	6	NB on pyramidal wooden crib.	
19430	<i>Blakely Island Shoal Isolated Danger Lighted Buoy DS</i>	48-34-08.384N 122-50-40.712W	FI (2)W 5s		5	Black and red bands with two black spherical topmarks.	
19435	LOPEZ ISLAND FERRY TERMINAL DOLPHIN LIGHT	48-34-17.180N 122-52-57.385W	FI Y 10s			On floating dolphin.	SIREN: 1bl ev 25s (8s bl) Private aid.
19440	<i>Shoal Bay Aquaculture Lighted Buoy</i>	48-33-31.100N 122-52-29.600W	FI Y 6s			On yellow buoy.	Private aid.
19445	Shag Rock Daybeacon	48-35-29.524N 122-52-30.575W				NB on pole.	
19450	PEAVINE PASS LIGHT 1	48-35-16.233N 122-49-20.429W	FI G 4s	22	4	SG on skeleton tower.	
19455	BLACK ROCK LIGHT 9	48-32-45.183N 122-45-57.017W	FI G 4s	10	4	SG on skeleton tower.	
19457	- <i>Lighted Buoy 11</i>	48-33-19.299N 122-45-44.496W	FI G 2.5s		4	Green.	Buoy may be submerged during periods of extreme current.

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<b>Rosario Strait</b>							
19460	Peavine Pass Rocks Daybeacon	48-35-18.891N 122-48-04.385W				NR on pole.	
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	<i>Lydia Shoal Lighted Gong Buoy 13</i>	48-35-58.389N 122-46-44.714W	Q G		4	Green.	
19480	Cypress Reef Junction Daybeacon C	48-36-48.977N 122-43-21.149W				JR on pole.	
19485	<i>Buckeye Shoal Lighted Bell Buoy 14</i> Marks shoal west of Sinclair Island.	48-37-27.262N 122-43-46.822W	FI R 6s		4	Red.	
19490	PEAPOD ROCKS LIGHT 15	48-38-32.255N 122-44-37.177W	FI G 4s	35	5	SG on white octagonal building.	
19495	- <i>Lighted Bell Buoy 16</i>	48-38-26.654N 122-42-52.721W	Q R		4	Red.	
19500	<i>Boulder Reef Lighted Bell Buoy 2</i>	48-38-16.594N 122-41-42.317W	FI R 4s		4	Red.	
19505	<i>Sinclair Island Lighted Buoy 4</i>	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	FI R 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	- <i>Traffic Separation Lane Lighted Buoy C</i>	48-40-33.714N 122-42-48.228W	FI Y 2.5s		5	Yellow.	RACON: N ( - ) AIS: MMSI 993692250 (21).
19525	VILLAGE POINT LIGHT 18	48-42-59.451N 122-43-09.629W	FI R 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	- <i>Traffic Separation Lane Lighted Buoy CA</i>	48-45-18.399N 122-46-30.729W	FI Y 2.5s		5	Yellow.	RACON: M ( - ) AIS: MMSI 993692209 (21).
<b>San Juan Channel</b>							
19540	ICEBERG POINT LIGHT 2	48-25-19.353N 122-53-39.441W	FI R 4s	35	5	TR on white 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	FI Y 4s			On floating breakwater.	Private aid.
<b>Fisherman Bay</b>							
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.	
<b>San Juan Channel</b>							
19583.1	Odlin Park Regulatory Buoy A	48-33-29.977N 122-53-31.754W				White and orange can buoy.	Closed area. 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.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
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<b>STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)</b>							
<b>San Juan Channel</b>							
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.	
<b>Friday Harbor</b>							
19605	- PIER LIGHTS (2)	48-32-41.100N 123-00-46.260W	FI R 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.	
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	F Y			On dock.	Private aid.
<b>San Juan Channel</b>							
19630	<i>Reid Rock Lighted Isolated Danger Buoy DR</i>	48-32-56.426N 122-59-22.372W	FI (2)W 5s		4	Black and red bands with two spherical topmarks.	Rock has depth of 2 1/2 fathoms 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	F Y			On corner of dock.	Private aid.
19655	POLE PASS LIGHT 2	48-36-06.034N 122-59-24.742W	FI R 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	FI Y 4s			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	FI Y 4s			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.	

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<b>San Juan Channel</b>							
19680	Harbor Rock Buoy	48-37-46.175N 122-58-39.400W				White can with orange bands, worded DANGER ROCK.	
<b>Haro Strait</b>							
19685 16270	<b>Discovery Island Light (C)</b>	48-25-28.514N 123-13-32.465W	Fl W 5s	93	15	White cylindrical tower with red top.	
19690	- <i>Lighted Buoy VD (C)</i>	48-27-06.014N 123-10-48.065W	Q(6)+L Fl W 15s			Yellow and black.	
19695	<b>Lime Kiln Light</b>	48-30-57.136N 123-09-09.097W	Fl 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. 31	
19700	<i>Little Zero Rock Lighted Buoy V30 (C)</i>	48-31-54.314N 123-19-44.765W	Q R			Red.	
19705	<b>Zero Rock Light (C)</b>	48-31-25.314N 123-17-30.765W	Fl W 4s	28	7	White cylindrical tower with green band on top.	Ra ref.
19710	<b>Kelp Reefs Light (C)</b>	48-32-51.314N 123-14-12.765W	Q W	35	10	White cylindrical tower.	
19715	D'ARCY ISLAND LIGHT (C)	48-33-55.314N 123-17-06.165W	Fl R 4s	26	7	White cylindrical tower with red band at top.	Ra ref.
19720	KELLETT BLUFF LIGHT	48-35-18.812N 123-12-07.271W	Fl W 4s	80	7	NB on skeleton tower.	
<b>Mosquito Pass</b>							
19724	- Buoy 1	48-34-45.114N 123-10-53.165W				Green can.	
19725	- Daybeacon 2	48-34-57.623N 123-10-19.533W				TR on pole.	Ra ref.
19730	- Buoy 3	48-35-03.369N 123-10-21.738W				Green can.	
19735	- Buoy 4	48-35-09.340N 123-10-18.299W				Red nun.	
19740	- Buoy 6	48-35-28.370N 123-10-30.740W				Red nun.	
<b>Haro Strait</b>							
19743	SHERMAN DOCK LIGHT	48-36-11.297N 123-09-59.101W	Fl Y 6s			On piling.	Private aid.
19744.1	HENRY ISLAND OUTSTATION LIGHT A	48-36-14.340N 123-10-21.410W	F Y			On dock.	Private aid.
19744.2	HENRY ISLAND OUTSTATION LIGHT B	48-36-13.870N 123-10-19.450W	F Y			On dock.	Private aid.
19744.3	HENRY ISLAND OUTSTATION LIGHT C	48-36-12.960N 123-10-18.920W	F Y			On dock.	Private aid.
19745	PEARL ISLAND PIER LIGHTS (2)	48-36-55.200N 123-10-10.920W	F Y			West of two lights on dock.	Private aid.
19750	PEARL ISLAND LIGHT 1	48-36-58.220N 123-10-12.593W	Fl G 4s	15	4	SG on tower.	
19755	PEARL ISLAND DOCK LIGHT	48-37-03.000N 123-09-39.400W	Fl Y 4s			On pile.	Private aid.
19765	Speiden Channel Buoy 3	48-38-04.886N 123-09-43.207W				Green can.	
19770	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.
19775	- <i>Junction Lighted Buoy A</i> Southwest of shoal.	48-38-18.002N 123-10-56.627W	Fl (2+1)G 6s		4	Green and red bands.	
19778	<i>Reid Harbor Line Mooring System Lighted Buoys (3)</i>	48-40-22.200N 123-11-48.540W	Fl Y 10s			3 Yellow spar buoys.	Connected with cable 2 feet above water surface. Private aid.

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<b>WASHINGTON - Thirteenth District</b>							
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<b>Haro Strait</b>							
19780	TOM POINT SECTOR LIGHT (C)	48-39-44.414N 123-16-25.665W	Fl W 4s (G Sector)	21	7 G 6	White cylindrical tower with green band at top.	Green from 171° to 181°.
19785	ARACHNE REEF LIGHT (C)	48-41-05.214N 123-17-37.365W	Fl (2+1)G 6s	19	11	White cylindrical tower with green band at top.	Ra ref.
19790	TURN POINT LIGHT	48-41-19.646N 123-14-14.700W	Fl W 2.5s	44	8	White concrete tower.	Light obscured from 260°30' to 357°.
19795	POINT FAIRFAX LIGHT (C)	48-41-57.114N 123-17-55.265W	Fl (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.
19798	<i>Prevost Harbor Line Mooring System Lighted Buoys (2)</i>	48-40-45.180N 123-11-48.120W	Fl Y 10s			3 yellow spar buoys.	Connected with cable 2 feet above water surface. Private aid.
<b>Boundary Pass</b>							
19800	GOWLLAND POINT LIGHT (C)	48-44-09.014N 123-10-57.065W	Fl W 4s	35	7	White cylindrical tower with green band at top.	Ra ref.
19805	SKIPJACK ISLAND LIGHT	48-43-57.727N 123-02-21.103W	Fl W 4s	18	6	NB on skeleton tower.	Obscured from 261° to 347°.
19810	SATURNA ISLAND SECTOR LIGHT (C)	48-46-58.815N 123-02-45.065W	Fl W 15s (NIGHT) F R (NIGHT)	102 85	17 8	On red square skeleton tower.	Red light visible from 156° to 211.5°.
19815	- <i>Shoal Isolated Danger Lighted Bell Buoy DB</i>	48-45-53.391N 123-00-52.744W	Fl (2)W 5s		4	Black and red bands with two black spherical topmarks.	
19820	<i>Rosenfeld Rock Lighted Buoy U59 (C)</i>	48-48-11.415N 123-01-38.765W	Fl G 4s			Green.	RACON: C ( - . - . )
19825	PATOS ISLAND LIGHT	48-47-20.413N 122-58-16.902W	Fl W 6s (R Sector)	52	W 8 W 8 R 6 R 6	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	Fl W 4s	15	5	NR on wooden crib.	Ra ref.
19853	<i>Echo Bay Line Mooring System Lighted Buoys (3)</i>	48-45-36.600N 122-54-28.260W	Fl Y 10s			3 yellow spar buoys.	Connected with cable 2 feet above water surface. Private aid.
19854	<i>Echo Bay Line Mooring System Lighted Buoys (3)</i>	48-45-36.600N 122-54-22.980W	Fl Y 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	Fl 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.
<b>Strait of Georgia</b>							
19870	<i>Alden Bank Junction Lighted Bell Buoy B</i>	48-47-03.797N 122-48-58.174W	Fl (2+1)R 6s		4	Red and green bands.	
19880	SANDY POINT LIGHT 2	48-47-12.444N 122-42-44.813W	Fl R 4s	16	4	TR on multi-pile structure.	
19886	SANDY POINT LIGHT 3	48-47-16.371N 122-42-42.971W	Fl G 2.5s	15	4	SG on multi-pile structure.	

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<b>Strait of Georgia</b>							
19890	PHILLIPS 66 PIER SOUTH LIGHT	48-49-29.500N 122-43-13.970W	F Y			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	F Y			NY on dolphin.	Private aid.
19894	INTALCO PIER SOUTH LIGHT	48-50-22.090N 122-43-15.670W	F Y			On pier wing.	Private aid.
19895	INTALCO PIER NORTH LIGHT	48-50-31.240N 122-43-19.530W	F Y			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	F Y			On mooring dolphin.	Private aid.
19905	BP CHERRY POINT LIGHT B	48-51-42.890N 122-45-33.590W	F Y			On mooring dolphin.	Private aid.
19906	BP CHERRY POINT LIGHT C	48-51-45.810N 122-45-39.750W	F Y			On mooring dolphin.	Private aid.
19907	BP CHERRY POINT LIGHT D	48-51-51.540N 122-45-51.480W	F Y			On mooring dolphin.	Private aid.
19910	<i>Alden Bank Junction Lighted Gong Buoy A</i>	48-50-23.400N 122-52-13.732W	Fl (2+1)R 6s		4	Red and green bands.	
19911	BIRCH BAY MOORING BASIN LIGHT 1	48-55-52.429N 122-47-14.340W	Fl G 4s			SG on pile.	Private aid.
19912	BIRCH BAY MOORING BASIN LIGHT 2	48-55-52.663N 122-47-13.137W	Fl R 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.
<b>Semiahmoo Bay</b>							
19915	- Buoy 2	48-59-30.991N 122-47-40.014W				Red nun.	
19920	- LIGHT 4	48-59-32.268N 122-47-02.508W	Fl R 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	Fl R 2.5s	22	4	TR on end of jetty.	
<b>Point Roberts</b>							
19945	- <i>Lighted Bell Buoy 4</i>	48-57-05.697N 122-59-13.557W	Fl R 4s		5	Red.	
19950	- MARINA LIGHT 1	48-58-23.971N 123-03-53.223W	Fl G 4s	15		On pile.	Private aid.
19955	- MARINA LIGHT 2	48-58-23.138N 123-03-49.295W	Fl R 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	Fl Y 10s	20		On breakwater.	Private aid.
19962	- Marina Warning Daybeacon	48-58-29.021N 123-03-44.230W				NW on pile.	Private aid.
19965	- <b>Light</b>	48-58-17.874N 123-05-01.360W	Fl (2)W 15s 0.1s fl 9.9s ec. 0.1s fl 4.9s ec.	31	16	NR on skeleton tower. 25	
<b>International Boundary</b>							
<i>Boundary Lights are maintained by the International Boundary Commission, United States and Canada.</i>							
19969	- LIGHT A	49-00-07.467N 123-06-44.153W	Fl Y 4s	25	4	NY on concrete structure.	Aid maintained by International Boundary Commission.
19970	- LIGHT B	49-00-07.580N 123-05-34.643W	Fl Y 4s	15	4	NY on multi-pile structure.	Aid maintained by International Boundary Commission.

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<b>STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)</b>							
<b>Point Roberts</b>							
<b>International Boundary</b>							
<i>Boundary Lights are maintained by the International Boundary Commission, United States and Canada.</i>							
19971	- LIGHT C	49-00-07.463N 123-02-06.794W	Fl Y 4s	25	4	NY on skeleton tower, concrete structure.	Aid maintained by International Boundary Commission.
19972	- LIGHT D	49-00-07.563N 123-01-12.935W	Fl Y 4s	36	4	NY on concrete structure.	Aid maintained by International Boundary Commission.
19973	- LIGHT E	49-00-07.734N 122-58-21.426W	Fl Y 4s	15	3	NY on multi-pile structure.	Aid maintained by International Boundary Commission.
19974	- LIGHT F	49-00-07.939N 122-55-29.618W	Fl Y 4s	15	4	NY on multi-pile structure.	Aid maintained by International Boundary Commission.
19975	- LIGHT G	49-00-07.825N 122-52-38.167W	Fl Y 4s	15	4	NY on multi-pile structure.	Aid maintained by International Boundary Commission.
19976	- LIGHT H	49-00-07.763N 122-49-46.530W	Fl Y 4s	15	4	NY on multi-pile structure.	Aid maintained by International Boundary Commission.
19977	- LIGHT I	49-00-07.633N 122-46-54.888W	Fl Y 4s	42	4	NY on concrete structure.	Aid maintained by International Boundary Commission.
<b>IDAHO - Thirteenth District</b>							
<b>Lake Coeur D'Alene</b>							
<b>Saint Joe River</b>							
20070	<b>Trail of the Coeur D'Alenes Railroad Bridge</b> Saint Joe River mile: 0.7	47-22-42.000N 116-45-12.000W				Swing bridge.	
<b>LAKE PEND OREILLE (Chart 18554)</b>							
<b>Pend Oreille River</b>							
20075	<b>Merritt Brothers Highway Bridge</b> Pend Oreille River mile: 94.5	48-10-34.000N 116-54-32.000W				Fixed bridge.	
20080	<b>Spokane International Railroad Bridge</b> Pend Oreille River mile: 111.3	48-15-11.000N 116-39-42.000W				Fixed bridge.	
<b>LAKE PEND OREILLE (Chart 18554)</b>							
20085	<b>SANDPOINT FIELD BOAT RAMP LIGHT A</b>	48-15-49.560N 116-33-29.820W	Fl Y 2s			On pole.	Private aid.
20086	<b>Sandpoint US 95 Highway Bridge</b> Lake Pend Oreille mile: 2.0	48-15-01.000N 116-32-20.000W				Fixed bridge.	
20087	<b>Burlington Northern Santa Fe Railroad Bridge 3.9</b> Lake Pend Oreille mile: 2.7	48-15-36.000N 116-31-52.000W				Fixed bridge.	
20088	<b>Burlington Northern Santa Fe Railroad Bridge 3.1</b> Lake Pend Oreille - Sand Creek mile: 0.2	48-16-20.000N 116-32-39.000W				Fixed bridge.	
20090	<b>SANDPOINT MARINA PIER LIGHT B</b>	48-16-18.480N 116-32-19.800W	Fl Y 2s			On statue.	Private aid.
20095	<b>WINDBAG MARINA BREAKWATER LIGHT C</b>	48-16-29.200N 116-32-23.700W	Fl Y 2s			On pole.	Private aid.
20100	<b>CONTEST POINT LIGHT 24</b>	48-16-14.100N 116-30-04.140W	Fl R 4s			TR on steel tower.	Private aid.
20100.1	<b>SOURDOUGH POINT LAGOON LIGHT A</b>	48-15-27.950N 116-28-09.720W	Fl Y 2s			Metal tripod.	Seasonal 1 June to 1 September. Private aid.
20100.2	<b>SOURDOUGH POINT LAGOON LIGHT 1</b>	48-15-27.370N 116-28-10.130W	Fl G 2s			Wood piling.	Seasonal 1 June to 1 September. Private aid.

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<b>IDAHO - Thirteenth District</b>							
<b>LAKE PEND OREILLE (Chart 18554)</b>							
20100.3	SOURDOUGH POINT LAGOON LIGHT 2	48-15-27.290N 116-28-11.080W	FI R 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	FI R 4s			TR on dolphin.	Private aid.
20105	HOPE MARINE SERVICES BREAKWATER LIGHT 2	48-13-47.456N 116-16-42.214W	FI R 4s			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.
20108	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	FI R 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	FI R 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	FI R 4s			TR on steel piling.	Private aid.
20118	<i>Navy Mooring Lighted Buoy B2</i>	48-05-32.000N 116-28-46.000W	Q Y			White and orange.	Navy maintained. Private aid.
20120	<i>Navy Mooring Lighted Buoy B3</i>	48-05-32.000N 116-29-20.000W	Q Y			White and orange.	Navy maintained. Private aid.
20122	<i>Navy Lighted Weather Buoy</i>	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	<i>Navy Mooring Lighted Buoy B1</i>	48-05-08.000N 116-28-45.000W	Q Y			White and orange.	Navy maintained. Private aid.
20128	<i>Navy Mooring Lighted Buoy B4</i>	48-05-07.000N 116-29-20.000W	Q Y			White and orange.	Navy maintained. Private aid.
20130	<i>Navy Hauldown Lighted Buoy</i>	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	FI Y 6s			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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>IDAHO - Thirteenth District</b>							
<b>LAKE PEND OREILLE (Chart 18554)</b>							
20158	CAPE HORN LIGHT 34	47-59-23.880N 116-29-45.300W	FI R 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	FI R 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	FI R 4s			On breakwater.	Private aid.
20180	FARRAGUT PARK BREAKWATER LIGHT 1	47-57-50.920N 116-32-44.260W	FI G 4s			On breakwater.	Private aid.
<b>BRITISH COLUMBIA</b>							
<b>STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)</b>							
20320	GANGES HARBOR LIGHT (C)	48-50-12.014N 123-27-12.065W	FI R 4s	27		White circular tower, red band at top.	
20325	PORTLOCK POINT LIGHT (C)	48-49-42.014N 123-21-00.065W	Q W	51	7	White square tower.	Year round.
20330	CONCONI REEF LIGHT (C)	48-49-30.014N 123-17-30.065W	Q W	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	<i>Ben Mohr Rock Lighted Buoy UK (C)</i>	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	Q R	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	Q W	23	6	White circular tower with red band at top.	
20360	GALIANO LIGHT (C)	48-51-42.014N 123-20-54.065W	Q G	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	Q W	25	6	White circular tower with green band at top.	Ra ref.
20370	<b>Active Pass Light</b> (C)	48-52-24.014N 123-17-24.065W	FI W 10s	57	17	White circular tower.	Emergency light.
20375	<i>Gossip Shoals Lighted Bell Buoy U47 (C)</i>	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	Q R	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRITISH COLUMBIA</b>							
<b>STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)</b>							
20405	SOUTHEY POINT LIGHT (C)	48-56-48.014N 123-35-42.066W	Q W	20	6	White circular tower.	
20410	GRAPPLER ROCK LIGHT (C)	48-56-24.014N 123-36-06.066W	FI R 4s	20	6	White circular tower, red band at top.	
20415	<i>Panther Point Lighted Buoy U44 (C)</i>	48-55-48.014N 123-32-24.066W	FI R 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	<i>Victoria Shoal Lighted Buoy U43 (C)</i>	48-55-12.014N 123-30-54.066W	FI G 4s			Green.	
20430	<i>Governor Rock Lighted Buoy U45 (C)</i>	48-54-48.014N 123-29-48.066W	FI G 4s			Green.	
20435	PORLIER PASS RANGE FRONT LIGHT (C)	49-00-46.514N 123-35-09.266W	F Y	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	F Y	34		White square tower.	
20445	<i>Porlier Pass Lighted Bell Buoy U41 (C)</i>	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	Q W	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	Q W	29	5	White circular tower with green band at top.	
20460	<b>Gallows Point Light</b> (C)	49-10-12.014N 123-55-06.066W	Iso W 2s	24	11	White circular tower with red band at top.	
20465	<i>Canoe Pass Lighted Bell Buoy T14 (C)</i>	49-02-18.014N 123-15-24.066W	FI R 4s			Red.	RACON: K ( - . - )
20470	<b>Roberts Bank Light</b> (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	<i>Roberts Bank Cautionary Lighted Buoy TA (C)</i>	49-04-24.014N 123-22-48.066W	FI Y 4s			Yellow.	RACON: O ( - - - )
20480	<b>Sand Heads Light</b> (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	<i>Sand Heads Lighted Bell Buoy S1 (C)</i>	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	<i>Point Grey Lighted Bell Buoy Q62 (C)</i>	49-17-24.014N 123-15-54.066W	Q R			Red.	
20500	<b>Point Atkinson Light</b> (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	<i>Vancouver Approach Cautionary Lighted Buoy QA (C)</i>	49-16-36.014N 123-19-12.066W	FI Y 4s			Yellow.	RACON: G ( - - . )
20510	POINT COWAN LIGHT (C)	49-20-06.014N 123-21-36.066W	Q W	67	7	White circular tower.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRITISH COLUMBIA</b>							
<b>STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)</b>							
20515	CAPE ROGER CURTIS LIGHT (C)	49-20-24.014N 123-26-00.066W	Fl (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	Fl R 4s	41	7	White tower with red band at top.	
20525	THRASHER ROCK LIGHT (C)	49-09-00.014N 123-38-24.066W	Fl (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	<i>Gabriola Reefs Lighted Buoy UM (C)</i>	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	Fl W 4s	20	5	White circular tower.	
20540	<b>Entrance Island Light</b> (C)	49-12-36.014N 123-48-30.066W	Fl W 5s	62	15	White circular tower.	
<b>Chatham Sound</b>							
21770	<b>Lucy Islands Light</b> (C)	54-17-45.011N 130-36-32.076W	Fl R 6s	71	14	White octagonal tower.	Visible from 094.5° to 351.5°. Emergency light.
21775	<i>Tugwell Reef Lighted Bell Buoy D61 (C)</i>	54-18-41.011N 130-30-17.076W				Green.	
21780	SHRUB ISLAND LIGHT (C)	54-19-48.011N 130-27-36.076W	Q R	18		White circular tower, red band at top.	
21785	RYAN POINT REEF LIGHT (C)	54-21-36.011N 130-29-54.076W	Fl W 6s	15		On skeleton tower.	Visible from 023° to 177°.
21790	<i>Hodgson Reefs Lighted Whistle Buoy D84 (C)</i>	54-23-09.511N 130-32-34.876W				Red.	
21795	SLIPPERY ROCK LIGHT (C)	54-24-00.011N 130-29-42.076W	Fl (3)W 12s	22	5	White circular tower.	
21800	<i>Tree Bluff Lighted Bell Buoy D86 (C)</i>	54-25-48.011N 130-30-48.077W				Red.	
21805	WHITESAND ISLAND LIGHT (C)	54-30-48.010N 130-44-48.077W	Fl W 4s	22		White skeleton tower.	
21810	BIRNIE ISLAND LIGHT (C)	54-35-24.211N 130-27-48.577W	Fl W 4s	28	5	White mast.	
21815	POINTER ROCKS LIGHT (C)	54-36-17.711N 130-32-14.977W	Fl W 6s	21	5	White circular tower.	
21820	<b>Green Island Light</b> (C)	54-34-06.010N 130-42-24.077W	Fl 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	Fl 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	Fl W 6s	35	5	Skeleton tower.	
<b>ALASKA - Seventeenth District</b>							
<b>HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)</b>							
<b>Dixon Entrance</b>							
21835	LORD ROCK LIGHT	54-43-32.826N 130-49-13.289W	Fl W 4s	38	7	NR on skeleton tower.	
21840	TREE POINT LIGHT	54-48-10.354N 130-56-01.811W	Fl 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	Fl W 4s	85	7	NR on spindle.	
21850	CAPE CHACON LIGHT	54-41-26.500N 132-01-01.043W	Fl 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	Fl W 4s	74	6	NR on skeleton tower.	Obscured from 127° to 265°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)</b>							
<b>Portland Inlet</b>							
21860	LIZARD POINT LIGHT (C)	54-50-00.011N 130-16-30.077W	Fl W 6s	24	7	Red cylindrical tower.	
21865	RAMSDEN POINT LIGHT (C)	54-58-59.711N 130-06-16.277W	Fl (3)W 12s	27	5	Orange square skeleton tower.	Obscured from 117.5° to 260°.
<b>Pearse Canal</b>							
21870	- ISLAND LIGHT (C)	54-47-02.111N 130-36-36.277W	Fl W 4s	12	5	White square daymarks on E., S. and W. sides of square skeleton tower.	
<b>Portland Canal</b>							
21875	REEF ISLAND LIGHT	55-04-43.583N 130-12-10.626W	Fl 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	Fl W 6s	21	5	Orange circular slatwork daymark on pole.	Visible from 171° to 336°.
21890	Hyder Harbor Entrance Buoy 1	55-54-15.657N 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	Fl (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	Fl G 4s	23	4	Three pile dolphin.	
<b>Nakat Bay</b>							
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	Fl W 2.5s	38	6	NR on spindle.	Obscured from 049° to 210°.
<b>Revillagigedo Channel</b>							
21920	EAST ISLAND LIGHT	54-52-14.818N 131-11-45.342W	Fl 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	Fl W 4s	17	6	NR on skeleton tower.	
21930	BLACK ROCK LIGHT	55-01-25.404N 131-03-35.424W	Fl W 6s	55	6	NR on skeleton tower.	
21935	SLATE ISLANDS LIGHT	55-05-17.246N 131-03-10.430W	Fl W 4s	33	5	NR on spindle.	Obscured from 121° to 247°.
21940	MARY ISLAND LIGHT	55-05-56.560N 131-10-57.426W	Fl W 6s	76	6		Obscured from 341° to 150°.
21945	TWIN ISLANDS LIGHT TI	55-08-35.086N 131-13-01.938W	Fl 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	Fl W 4s	23	7	NR on concrete caisson.	
21955	ANGLE POINT LIGHT	55-14-19.426N 131-25-37.020W	Fl 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	Fl G 4s	30	4	SG on concrete caisson.	
21970	CUTTER ROCKS LIGHT CR	55-17-20.672N 131-31-28.377W	Fl (2+1)R 6s	11	3	JR on spindle.	
21971	Hole-In-The Wall Breakwater Markers (2)	55-19-07.000N 131-31-12.100W				NY on pile.	Private aid.
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	Fl 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	Fl (2+1)R 6s		4	Red and green bands.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)</b>							
<b>Felice Strait</b>							
21985	<i>Indian Rock Lighted Buoy 6</i>	55-01-48.798N 131-20-50.226W	FI R 4s		3	Red.	
21990	SNIPER 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	FI R 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.
<b>Tamgas Harbor</b>							
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.	
<b>Nichols Passage</b>							
22020	<i>Hid Reef Lighted Buoy 2</i>	55-04-07.775N 131-40-31.112W	FI R 4s		4	Red.	
<b>West Channel</b>							
22025	Point McCartney Buoy 3	55-06-43.469N 131-41-49.715W				Green can.	
22030	POINT MCCARTEY LIGHT	55-06-48.640N 131-42-25.770W	FI W 6s	44	5	NR on skeleton tower.	Obscured from 080° to 090°, and from 113° to 197°.
22035	<i>Nichols Passage West Channel Lighted Bell Buoy 4</i>	55-08-46.768N 131-39-42.120W	FI R 2.5s		4	Red.	
<b>East Channel</b>							
22040	Nichols Passage East Channel Daybeacon 2	55-09-17.500N 131-36-22.248W				TR on spindle.	
22045	Kelp Rocks Buoy 1	55-09-29.448N 131-37-56.193W				Green can.	
22050	WARBURTON ISLAND LIGHT	55-07-55.531N 131-38-01.470W	FI W 4s	35	5	NR on skeleton tower.	Obscured from 063° to 189°.
22055	<i>Gull Island Lighted Buoy G1</i>	55-08-18.722N 131-36-29.105W	FI (2+1)R 6s			Red and green bands.	
22060	DRIEST POINT LIGHT 4	55-10-35.608N 131-36-23.226W	FI R 6s	29	4	TR on spindle.	Obscured from 177° to 328°.
<b>Port Chester</b>							
22065	METLAKATLA BOAT HARBOR LIGHT 2	55-07-52.013N 131-35-07.732W	FI R 2.5s	20	4	TR on spindle.	
22070	Metlakatla Inner Harbor Daybeacon 3	55-07-50.632N 131-35-05.664W				SG on pile.	
22075	Metlakatla Inner Harbor Daybeacon 5	55-07-49.573N 131-35-09.621W				SG on pile.	
22080	Metlakatla Inner Harbor Daybeacon 7	55-07-47.973N 131-35-08.621W				SG on pile.	
22085	VILLAGE POINT LIGHT 4	55-07-53.473N 131-34-38.721W	FI R 4s	40	3	TR on skeleton tower.	
22090	METLAKATLA BREAKWATER LIGHT 1	55-07-43.060N 131-34-13.368W	FI G 4s	10	4	SG on spindle.	
22100	<i>Scrub Island Lighted Buoy 5</i>	55-08-13.750N 131-34-28.758W	FI G 6s			Green can.	
22102	HUB ROCK LIGHT	55-08-20.080N 131-33-07.446W	FI W 2.5s	20	5	NR on skeleton tower.	
22105	SCRUB ISLAND LIGHT 7	55-08-31.606N 131-33-57.348W	FI G 2.5s	10	4	SG on pile.	
22107	MORSE ROCK LIGHT 8	55-09-08.836N 131-34-14.052W	FI R 4s	10	4	TR on pile.	
22110	<i>Lively Rock Lighted Buoy 9</i>	55-09-25.184N 131-35-10.072W	FI G 4s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)</b>							
<b>Nichols Passage</b>							
22115	Bailey Rock Daybeacon 2	55-15-25.852N 131-36-03.768W				TR on spindle.	
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.	
<b>Tongass Narrows</b>							
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.	Obscured from 126° to 315°.
22140	- West Channel Lighted Buoy 5	55-19-09.132N 131-38-53.183W	FI G 4s		4	Green.	
22142	- East Channel Regulatory Buoy	55-19-22.010N 131-36-40.579W				White with orange bands labeled "7 KTS".	
22145	- East Channel Entrance Buoy 2	55-18-33.764N 131-35-15.143W				Red nun.	
22147	SAXMAN BREAKWATER LIGHT	55-18-52.800N 131-35-46.100W	F R	15		On post.	Private aid.
22150	California Rock Lighted Buoy 3	55-18-54.264N 131-36-11.143W	FI G 4s		4	Green.	
22155	Idaho Rock Lighted Buoy 4	55-19-00.964N 131-36-07.174W	FI R 4s		4	Red.	
22156	- West Channel Regulatory Buoy	55-19-30.802N 131-39-12.849W				White with orange bands labeled "7 KTS".	
22158	COAST GUARD STATION LIGHT	55-19-47.500N 131-37-20.899W	FI W 4s	4	4	NR on skeleton tower.	
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 Sept. 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.	
22176	KETCHIKAN BERTH #1 SOUTH PIER LIGHT	55-20-17.650N 131-38-36.440W	F G	12		On post.	Private aid.
22178	KETCHIKAN BERTH #3 PIER LIGHT	55-20-35.845N 131-39-13.155W	Q Y	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	Q Y	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	Q R		3	Red.	
<b>Bar Harbor</b>							
22200	- SOUTH ENTRANCE LIGHT 2S	55-20-52.125N 131-40-41.732W	FI R 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)</b>							
<b>Bar Harbor</b>							
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	FI R 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.
<b>Tongass Narrows</b>							
22225	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	FI R 4s	13		On boxes on concrete wharf.	Private aid.
22240	- <i>Lighted Buoy 10</i>	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.	
22255	CHANNEL ISLAND LIGHT 14	55-23-41.351N 131-45-52.835W	FI R 4s	24	5	TR on skeleton tower on concrete base.	Obscured from 238° to 268°.
22260	<i>Ohio Rock Lighted Buoy OR</i>	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	FI R 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	<b>Guard Island Light</b>	55-26-45.392N 131-52-52.047W	FI W 10s	74	13	30	Emergency light (FI W 6s) of reduced intensity when main light is extinguished.
<b>Behm Canal</b>							
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)</b>							
<b>Behm Canal</b>							
22329	Moser Bay Coast Guard Lighted Mooring Buoy	55-34-01.104N 131-40-38.962W	Fl W 2.5s		3	White with blue band.	
22330	GRANT ISLAND LIGHT	55-33-16.330N 131-43-43.807W	Fl W 6s	18	7	NR on skeleton tower.	
22335	HELM BAY LIGHT	55-34-50.430N 131-55-43.497W	Fl W 4s	14	7	NR on skeleton tower.	
22337	POINT FRANCIS LIGHT	55-39-50.392N 131-49-24.907W	Fl W 2.5s	32	6	NR on skeleton tower.	
22340	BUSHY POINT LIGHT	55-43-51.814N 131-43-56.515W	Fl W 4s	18	6	NR on skeleton tower.	
22345	BLUFF POINT LIGHT	55-53-02.824N 131-44-46.364W	Fl W 6s	12	6	NR on skeleton tower.	
22350	SNIPE POINT LIGHT	55-55-32.266N 131-36-53.671W	Fl W 2.5s	18	5	NR on skeleton tower.	
<b>Clarence Strait</b>							
22360	MCLEAN POINT LIGHT	54-47-29.704N 131-57-23.928W	Fl 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.	
22365	MOIRA ROCK LIGHT	55-04-57.591N 131-59-54.394W	Fl W 4s	40	5	NR on skeleton tower.	
22370	SKIN ISLAND LIGHT	55-18-05.160N 132-04-22.404W	Fl 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	Fl W 6s	40	6	NR on skeleton tower.	Obscured from 330° to 132°.
<b>Kasaan Bay</b>							
22380	SKOWL POINT LIGHT	55-25-39.353N 132-16-11.011W	Fl W 4s	15	5	NR on skeleton tower.	
22400	KASAAN LIGHT	55-32-04.683N 132-23-45.979W	Fl 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	Fl G 4s	12	4	SG on spindle.	
22403	CLARK BAY LIGHT 2	55-29-56.415N 132-35-08.881W	Fl 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	Fl R 6s	32		On dolphin.	Private aid.
22407	HOLLIS FERRY TERMINAL WEST LIGHT	55-29-25.000N 132-37-21.000W	F R	34		On dolphin.	Private aid.
22410	Clark Bay Daybeacon 3	55-29-18.159N 132-37-04.693W				SG on spindle.	
<b>Clarence Strait</b>							
22415	CAAMANO POINT LIGHT	55-29-54.616N 131-59-01.819W	Fl 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	Fl W 4s	40	7	NR on skeleton tower.	Partially obscured by trees between island and main shore from 180° to 305°.
<b>Thorne Bay</b>							
22427	- ENTRANCE LIGHT 2	55-40-45.069N 132-27-30.271W	Fl R 6s	14	4	TR on spindle.	Obscured from 135° to 243°.
22427.5	- LIGHT 3	55-40-42.969N 132-27-59.191W	Fl 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	Fl 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	Fl W 4s	22	5	NR on spindle.	
22429.3	- DAVIDSON LANDING LIGHT	55-40-12.600N 132-31-19.800W	Fl W 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	Fl W 2.5s	16		Steel pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)</b>							
<b>Clarence Strait</b>							
22430	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	FI R 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	<i>McHenry Ledge Lighted Bell Buoy 2</i>	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.	
<b>ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)</b>							
<b>Clarence Strait</b>							
22462	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	<i>Coffman Cove Rocks Lighted Buoy 4</i>	56-00-50.663N 132-50-06.368W	FI R 2.5s		3	Red.	
22467	<i>Coffman Cove Rocks Lighted Buoy 3</i>	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	FI R 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°.
<b>Whale Pass</b>							
22477.5	- 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.	
<b>Clarence Strait</b>							
22480	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.	
<b>HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)</b>							
<b>Clarence Strait</b>							
22487	Steamer Bay CG Mooring Buoy	56-09-49.008N 132-42-17.986W				White with blue stripe.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)</b>							
<b>Clarence Strait</b>							
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	<i>Snow Passage Lighted Buoy 4</i>	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	<i>Snow Passage Lighted Buoy SP</i>	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°.
22525	Bay Point Daybeacon BP	56-20-09.783N 133-09-47.199W				SG on spindle.	
<b>Ernest Sound</b>							
22530	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 BI	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.	
<b>Zimovia Strait</b>							
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°.
<b>Shoemaker Bay</b>							
22615	- 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.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)</b>							
<b>Wrangell Harbor</b>							
22630	- BREAKWATER LIGHT 2	56-28-01.186N 132-23-08.691W	FI R 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	F G	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.	
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.	
<b>Blake Channel</b>							
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	FI R 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 spindle.	
<b>Eastern Passage</b>							
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.	
<b>Stikine Strait</b>							
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°.
<b>Sumner Strait</b>							
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	<i>Mc Arthur Reef Lighted Bell Buoy MR</i>	56-23-37.045N 133-10-38.496W	FI (2+1)G 6s		4	Green and red bands.	
22740	<i>Mitchell Point Lighted Buoy 9</i>	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	<i>Level Island Lighted Buoy 11</i>	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)</b>							
<b>Sumner Strait</b>							
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	<i>Blind Slough Lighted Buoy 2</i>	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.
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	
<b>Dry Strait</b>							
22775	- LIGHT 1	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.	
<b>Duncan Canal</b>							
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	FI R 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.	
<b>Wrangell Narrows</b>							
22825	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	4	JR on skeleton tower.	
22835	DECEMBER POINT LIGHT DP	56-32-52.161N 132-57-40.449W	FI R 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	- <i>Channel Lighted Buoy 2A</i>	56-34-12.253N 132-58-19.066W	FI R 2.5s		3	Red.	
22860	- <i>Channel Lighted Buoy 3</i>	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	- <i>Channel Lighted Buoy 5</i>	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)</b>							
<b>Wrangell Narrows</b>							
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	F Y	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	F Y	26		KRW on 5-pile dolphin.	Visible 4° each side of rangeline.
22910	- Channel Lighted Buoy 9	56-35-55.247N 132-58-36.261W	FI G 4s		4	Green.	
22915	- CHANNEL LIGHT 10	56-36-07.481N 132-58-32.487W	Q R	15	3	TR on 5-pile dolphin.	
22916	- Daybeacon 10A	56-36-14.661N 132-58-29.121W				TR on spindle.	
22920	- CHANNEL LIGHT 11	56-36-26.290N 132-58-31.555W	FI G 2.5s	15	3	SG on concrete caisson.	
22925	- Channel Buoy 13	56-36-35.745N 132-58-25.159W				Green can.	
22930	- Channel Buoy 13A	56-36-40.744N 132-58-21.559W				Green can.	
22935	- CHANNEL LIGHT 14	56-36-40.401N 132-58-15.543W	FI R 2.5s	15	3	TR on 3-pile dolphin.	
22940	BUSH TOP ISLAND RANGE FRONT LIGHT	56-37-52.753N 132-57-06.617W	F Y	15		KRW on 3-pile dolphin.	Visible 4° each side of rangeline.
22945	BUSH TOP ISLAND RANGE REAR LIGHT 460.3 yards, 029° from front light.	56-38-04.652N 132-56-54.634W	F Y	31		KRW on skeleton tower.	Visible 4° each side of rangeline.
22947	HOWARD DOCK LIGHT	56-36-58.680N 132-58-28.560W	FI W 2.5s	10		On pile.	Private aid.
22950	- CHANNEL LIGHT 15	56-37-23.432N 132-57-40.030W	FI G 2.5s	15	3	SG on 5-pile dolphin.	
22955	- CHANNEL LIGHT 16	56-37-23.901N 132-57-31.467W	FI R 2.5s	15	3	TR on 3-pile dolphin.	
22960	- CHANNEL LIGHT 17	56-37-40.623N 132-57-17.385W	FI G 2.5s	15	3	SG on 5-pile dolphin.	
22965	- CHANNEL LIGHT 18	56-37-49.822N 132-56-54.186W	FI R 2.5s	19	3	TR on skeleton tower on concrete caisson.	
22970	- CHANNEL LIGHT 19	56-38-00.517N 132-56-49.857W	FI G 2.5s	20	3	SG on spindle.	
22975	- CHANNEL LIGHT 21	56-38-19.781N 132-56-02.425W	Q G	15	3	SG on 5-pile dolphin.	
22980	BLIND POINT RANGE FRONT LIGHT	56-38-34.378N 132-55-25.199W	F Y	17		KRW on 5-pile dolphin.	Visible 4° each side of rangeline.
22985	BLIND POINT RANGE REAR LIGHT 281.5 yards, 050.4° from front light.	56-38-39.684N 132-55-13.562W	F Y	31		KRW on 3-pile dolphin.	Visible 4° each side of rangeline.
22990	- CHANNEL LIGHT 25	56-38-47.103N 132-55-20.794W	FI G 2.5s	15	3	SG on 3-pile dolphin.	
22995	- Channel Lighted Buoy 26	56-38-48.237N 132-55-13.167W	FI R 4s		3	Red.	
23000	- CHANNEL LIGHT 27	56-38-54.709N 132-55-18.401W	FI G 2.5s	15	3	SG on 3-pile dolphin.	
23005	- Channel Lighted Buoy 28	56-39-02.037N 132-55-11.368W	FI R 4s		3	Red.	
23010	- Channel Lighted Buoy 29	56-39-07.738N 132-55-20.068W	FI G 2.5s		3	Green.	

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<b>ALASKA - Seventeenth District</b>							
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<b>Wrangell Narrows</b>							
23015	- Tow Channel Buoy 5TC	56-38-46.938N 132-55-36.067W				Green can.	Used by tows with a draft of 9 feet or less.
23020	- Tow Channel Buoy 7TC	56-39-13.649N 132-55-26.483W				Green can.	Used by tows with a draft of 9 feet or less.
23025	- CHANNEL LIGHT 31	56-39-20.344N 132-55-32.883W	Q G	13	3	SG on spindle on concrete caisson.	
23030	- CHANNEL LIGHT 32	56-39-23.565N 132-55-28.200W	Q R	15	3	TR on 3-pile dolphin.	
23035	- CHANNEL LIGHT 32A	56-39-32.121N 132-55-36.346W	FI R 4s	15	3	TR on 3-pile dolphin.	
23040	- <i>Channel Lighted Buoy 33</i>	56-39-30.038N 132-55-42.470W	FI G 4s		4	Green.	
23045	- CHANNEL LIGHT 34	56-39-40.377N 132-55-41.590W	FI R 2.5s	15	3	TR on 5-pile dolphin.	
23050	- <i>Channel Lighted Buoy 36</i>	56-39-52.038N 132-55-47.071W	FI R 4s		3	Red.	
23055	- CHANNEL LIGHT 37	56-39-58.390N 132-55-55.656W	Q G	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	- <i>Channel Lighted Buoy 42</i>	56-40-23.039N 132-56-12.574W	FI R 4s		3	Red.	
23080	- CHANNEL LIGHT 43	56-41-00.200N 132-56-43.890W	Q G	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	- <i>Channel Lighted Buoy 46</i>	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	Q G	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	FI R 4s	13	4	TR on 3-pile dolphin.	
23130	REID LANDING DOCK LIGHT	56-46-56.381N 132-58-39.782W	F R	14		On post.	Private aid.
23135	- <i>Channel Lighted Buoy 53</i>	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	F Y	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	F Y	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	Q R	15	3	TR on 5-pile dolphin.	

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<b>ALASKA - Seventeenth District</b>							
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<b>Wrangell Narrows</b>							
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	F Y	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	F Y	30		KRW on Spindle.	Visible 4° each side of rangeline.
23173	MARINE HIGHWAY TERMINAL LIGHTS (2)	56-48-28.750N 132-58-39.211W	F R	15		On pier.	Private aid.
23175	PETRO MARINE FUEL DOCK LIGHTS (2)	56-48-37.000N 132-58-13.000W	F R	13		On pier.	Private aid.
23178	MXAK Petersburg ASTA	56-48-41.936N 132-57-36.464W					AIS transceiver. MMSI: 993032023 Private aid.
23180	OCEAN BEAUTY SEAFOOD PIER LIGHTS (2)	56-48-45.751N 132-57-51.706W	F R	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	F R	14		On building.	Private aid.
23191	PETERSBURG FISHERIES INCORPORATED DOLPHIN LIGHT	56-48-56.752N 132-57-31.204W	F R	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	FI R 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.	
<b>Frederick Sound</b>							
23215	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	FI R 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°.
<b>Stephens Passage</b>							
23265	BIRD ROCK LIGHT 2	57-12-28.845N 133-35-24.383W	FI R 2.5s	30	5	TR on skeleton tower.	
23270	DUCK POINT LIGHT	57-12-41.799N 133-30-59.129W	FI W 6s	17	6	NR on spindle.	Obscured from 140° to 257°.
23275	BILL POINT LIGHT	57-15-04.029N 133-32-35.651W	FI W 4s	12	6	NR on spindle.	Obscured from 264° to 338°.
23280	<b>Five Finger Light</b>	57-16-13.454N 133-37-53.495W	FI W 10s	81	14	60	

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<b>Stephens Passage</b>							
23283	MXAK Five Finger ASTA	57-16-11.921N 133-37-52.396W					AIS transceiver. MMSI: 993032020 Private aid.
<b>Sumner Strait</b>							
23285	<i>Five Fathom Shoal Lighted Buoy F</i>	56-21-50.936N 133-14-03.303W	Fl (2+1)R 6s		4	Red and green bands.	
23290	THE EYE OPENER LIGHT	56-23-09.309N 133-16-36.531W	Fl W 2.5s	34	7	NR on skeleton tower on concrete caisson.	
23295	POINT BAKER LIGHT	56-21-32.657N 133-37-05.277W	Fl 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	<i>Helm Rock Lighted Buoy 8</i>	56-22-09.105N 133-38-33.601W	Fl R 4s		4	Red.	
<b>Keku Strait</b>							
23305.1	- ENTRANCE LIGHT	56-31-38.043N 133-43-48.879W	Fl 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)</b>							
<b>Keku Strait</b>							
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.	
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°.
<b>HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)</b>							
<b>Kake Harbor</b>							
23315	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	<i>Kake Channel Lighted Buoy 3</i>	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	FI R 6s	32		On dolphin.	Private aid.
23343	KAKE FERRY TERMINAL MIDDLE LIGHT	56-57-39.000N 133-55-18.000W	F R	32		On dolphin.	Private aid.
23344	KAKE FERRY TERMINAL SOUTH LIGHT	56-57-36.000N 133-55-16.000W	F R	32		On dolphin.	Private aid.
23345	Sealaska Timber Company Mooring Buoys (3)	56-57-34.787N 133-55-42.210W				White.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)</b>							
<b>Portage Pass</b>							
23350	- LIGHT 10	56-57-24.717N 133-55-26.251W	FI R 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.	
<b>Burnt Island Channel</b>							
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.	
<b>Sumner Strait</b>							
23365	<i>Strait Island Lighted Bell Buoy 7</i>	56-22-25.202N 133-42-00.816W	FI G 6s		4	Green.	
23370	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	<i>Calder Rocks Lighted Whistle Buoy 6</i>	56-15-36.293N 133-43-22.786W	FI R 4s		5	Red.	
23395	<i>Barrier Island Lighted Bell Buoy 4</i>	56-12-36.190N 133-42-03.962W	FI R 6s		4	Red	
23400	<i>Amelius Island Shoal Lighted Buoy 5</i>	56-10-11.484N 133-49-42.745W	FI G 2.5s		4	Green.	
<b>Shakan Bay</b>							
23405	- LIGHT	56-08-56.659N 133-37-33.076W	FI W 4s	25	6	NR on skeleton tower on small house.	Obscured from 314° to 048°.
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.	
<b>Sumner Strait</b>							
23420	<i>Point St Albans Reef Lighted Whistle Buoy 3</i>	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	<b>Cape Decision Light</b>	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°.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)</b>							
<b>Chatham Strait</b>							
23455	POINT CROWLEY LIGHT	56-07-11.024N 134-15-32.098W	Fl 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	Fl W 6s	195	8	NR on spindle.	Obscured from 061° to 293°.
<b>Port Alexander</b>							
23465	- LIGHT	56-14-23.132N 134-38-58.707W	Fl 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	Q G	21		KRW on spindle on concrete caisson.	Visible all around.
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.
<b>Chatham Strait</b>							
23485	POINT HARRIS LIGHT	56-17-25.754N 134-17-52.281W	Fl 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	Fl 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	Fl 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	Fl W 2.5s	50	6	NR on spindle.	
23510	POINT ELLIS LIGHT	56-34-00.152N 134-19-59.572W	Fl W 4s	30	7	NR on spindle.	
23515	WASHINGTON BAY LIGHT	56-43-06.836N 134-23-30.292W	Fl W 4s	33	6	NR on spindle.	
23520	HOGGATT BAY LIGHT	56-45-51.026N 134-39-22.360W	Fl 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	Fl W 6s	25	6	NR on spindle.	Obscured from 201° to 006°.
23530	POINT GARDNER LIGHT	57-00-36.194N 134-36-57.833W	Fl W 4s	65	7	NR on spindle.	
23535	<i>Yasha Island Shoal Lighted Buoy 2</i>	56-58-52.792N 134-34-36.368W	Fl R 6s		4	Red.	
<b>Frederick Sound</b>							
23540	SECURITY BAY LIGHT 1	56-52-35.528N 134-22-24.142W	Fl 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	Fl W 4s	34	6	NR on spindle.	Obscured from 140° to 315°.
23550	POINT MACARTNEY LIGHT	57-01-29.665N 134-03-31.175W	Fl 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	Fl 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	Fl 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	Fl W 4s	23	6	NR on spindle.	Obscured from 270° to 048°.
<b>ETOLIN ISLAND TO MIDWAY ISLAND (Chart 17360)</b>							
<b>Pybus Bay</b>							
23575	GRAVE ISLAND LIGHT	57-15-59.420N 134-05-00.035W	Fl W 4s	18	6	NR on spindle.	Obscured from 031° to 167°.
<b>CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)</b>							
<b>Frederick Sound</b>							
23580	ROUND ROCK LIGHT	57-15-35.200N 133-56-13.323W	Fl W 6s	49	6	NR on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>ETOLIN ISLAND TO MIDWAY ISLAND (Chart 17360)</b>							
<b>Stephens Passage</b>							
23585	False Point Pybus Daybeacon	57-21-06.572N 133-52-33.203W				NR on skeleton tower.	
23590	<i>McDonald Rock Lighted Buoy MR</i>	57-25-06.278N 133-37-49.804W	Fl (2+1)R 6s		4	Red and green bands.	
23595	HOBART BAY LIGHT 2	57-23-57.063N 133-27-56.201W	Fl R 4s	30	4	TR on spindle.	
23600	POINT GAMBIER LIGHT	57-26-07.820N 133-50-26.669W	Fl W 4s	38	6	NR on skeleton tower.	Obscured from 083° to 217°.
23605	GAMBIER BAY ENTRANCE LIGHT 2	57-27-53.870N 133-55-13.523W	Fl R 6s	16	4	TR on skeleton tower on concrete caisson.	
23610	WINDHAM BAY ENTRANCE LIGHT	57-33-42.129N 133-32-36.006W	Fl W 6s	35	6	NR on skeleton tower.	
23615	POINT HUGH LIGHT	57-37-11.876N 133-48-25.686W	Fl 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	Fl 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	Q W	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	F W	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.
<b>STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)</b>							
<b>Stephens Passage</b>							
23640	MIDWAY ISLANDS LIGHT	57-50-12.209N 133-48-50.784W	Fl 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	Fl 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	Fl 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	Fl W 4s	50	6	NR on skeleton tower.	Obscured from 332° to 118°.
<b>Gastineau Channel</b>							
23660	MARMION ISLAND LIGHT	58-11-55.148N 134-15-24.361W	Fl 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	Fl R 4s	12	6	TR on 5-pile dolphin.	
23675	JUNEAU ISLE LIGHT	58-16-34.772N 134-23-03.973W	Fl W 2.5s	15	6	NR on skeleton tower.	
23680	DOUGLAS BOAT HARBOR LIGHT 1D	58-16-35.691N 134-23-15.639W	Fl 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	<i>Rock Dump Lighted Buoy 2A</i>	58-17-08.497N 134-23-50.514W	Q R		5	Red.	
23686	AJ DOCK SOUTH LIGHT	58-17-13.890N 134-23-52.910W	Q W	15		On dock.	Private aid.
23687	AJ DOCK NORTH LIGHT	58-17-24.820N 134-23-50.110W	Q W	15		On dock.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)</b>							
<b>Gastineau Channel</b>							
23690	LAWSON CREEK BAR LIGHT 3	58-17-16.571N 134-24-25.924W	Fl G 2.5s	22	5	SG on 3-pile dolphin.	
23695	- LIGHT 4	58-17-49.201N 134-25-21.807W	Fl R 2.5s	15	3	TR on 3-pile dolphin.	
23705	HARRIS HARBOR LIGHT H	58-18-03.676N 134-25-45.897W	Fl W 4s	15	4	NR on 3-pile dolphin.	
23710	AURORA BASIN LIGHT A	58-18-16.172N 134-25-59.612W	Fl W 2.5s	25	5	NR on breakwater structure.	
23720	AURORA BASIN LIGHT B	58-18-26.558N 134-26-25.250W	Fl 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.
23725	MENDENHALL BAR CHANNEL LIGHT 5	58-19-05.336N 134-27-27.062W	Fl 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.
<b>Mendenhall Bar</b>							
<i>Buoys maintained from Apr. 1 to Oct. 15 Positioned to mark best passage. Route requires local knowledge, extreme caution due to shifting shoals.</i>							
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	- Buoy 11A	58-20-05.943N 134-29-47.136W				Green can.	
23735.55	- Buoy 10B	58-20-13.758N 134-30-10.176W				Red nun.	
23735.6	- Buoy 11B	58-20-13.759N 134-30-31.670W				Green can.	
23735.62	- Buoy 10C	58-20-18.748N 134-30-42.492W				Red nun.	
23735.63	- Buoy 11C	58-20-20.424N 134-30-48.722W				Green can.	
23735.65	- Buoy 12	58-20-51.212N 134-31-33.014W				Red nun.	
23735.7	- Buoy 13	58-20-34.845N 134-31-12.191W				Green can.	
23735.75	- Buoy 12A	58-20-32.316N 134-31-05.437W				Red nun.	
23735.8	- Buoy 13A	58-20-47.487N 134-31-38.902W				Green can.	
<b>Stephens Passage</b>							
<b>Fritz Cove</b>							
23740	Mendenhall Bar Daybeacon 14	58-20-49.897N 134-32-18.339W				TR on pile	
23745	Mendenhall Bar Daybeacon 15	58-20-44.516N 134-32-35.762W				SG on 5-pile dolphin	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)</b>							
<b>Stephens Passage</b>							
<b>Fritz Cove</b>							
23750	Mendenhall Bar Daybeacon 17	58-20-37.778N 134-34-10.004W				SG on 5-pile dolphin	
23755	Mendenhall Bar Daybeacon 18	58-20-39.695N 134-35-14.065W				TR on 3-pile dolphin	
23760	Mendenhall Bar Daybeacon 19	58-20-23.758N 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	Fl G 4s	15	4	SG on 5-pile dolphin	Tide gauge shows depth over bar.
<b>Mendenhall River</b>							
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.
<b>Stephens Passage</b>							
23775	POINT HILDA LIGHT	58-13-01.835N 134-30-23.407W	Fl 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	Fl Y 6s	8		On barge.	Private aid.
23785	MIDDLE POINT LIGHT	58-14-53.738N 134-37-43.861W	Fl W 4s	20	5	NR on skeleton tower on rock.	
23790	HORSE SHOAL LIGHT 1	58-15-16.016N 134-42-10.765W	Fl G 6s	15	4	SG on pile.	
23790.1	<i>Horse Shoal Lighted Buoy 1</i>	58-15-04.048N 134-41-54.314W	Fl G 6s		4	Green.	
23792	COLT ISLAND LIGHT	58-17-02.008N 134-44-26.086W	Fl W 4s	24	5	NR on spindle.	
23795	GEORGE ROCK LIGHT	58-18-55.515N 134-42-02.389W	Fl W 6s	17	6	NR on skeleton tower.	
23800	GIBBY ROCK LIGHT 2	58-19-36.380N 134-41-19.106W	Fl R 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	Fl G 2.5s		4	SG on 3-pile dolphin.	
23803	AUKE BAY BOAT HARBOR LIGHT 2	58-22-56.827N 134-39-11.512W	Fl R 2.5s	17	3	TR on spindle.	
23804	AUKE BAY BREAKWATER LIGHTS (4)	58-23-08.000N 134-38-54.000W	Fl Y 4s	10		NY on post.	Private aid.
23804.5	<i>Auke Bay Speed Limit Lighted Buoy</i>	58-22-45.150N 134-39-12.920W	Fl 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	Fl W 2.5s	20	6	NR on spindle.	Obscured from 328° to 338°.
23808	SMUGGLERS COVE SOUTH DOCK LIGHT	58-20-52.020N 134-39-06.060W	Fl Y 2s	3		On dock.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)</b>							
<b>Stephens Passage</b>							
23809	SMUGGLERS COVE NORTH DOCK LIGHT	58-20-52.740N 134-39-06.900W	Fl Y 2s	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.	
<b>Lynn Canal</b>							
<b>Favorite Channel</b>							
23815	SHELTER ISLAND LIGHT	58-22-29.294N 134-48-28.622W	Fl W 4s	19	7	NR on skeleton tower.	Obscured from 005° to 173°.
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	Fl 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	Fl R 2.5s	20	4	TR on skeleton tower.	
23845	<i>Poundstone Rock Lighted Bell Buoy PR</i>	58-31-43.825N 134-56-01.561W	Fl (2+1)R 6s		4	Red and green bands.	
23850	<b>Sentinel Island Light</b>	58-32-46.592N 134-55-23.636W	Fl W 10s	86	14	42	Obscured from 152° to 296°.
23855	LITTLE ISLAND LIGHT	58-32-24.806N 135-02-49.724W	Fl W 4s	50	7	NR on skeleton tower.	
23860	VANDERBILT REEF LIGHT	58-35-27.464N 135-01-07.784W	Fl 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	Fl W 4s	47	6	NR on spindle.	
23870	SULLIVAN ISLAND LIGHT	58-53-52.849N 135-18-09.093W	Fl 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	Fl 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	Fl 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	Fl 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	Fl R 4s	25	4	TR on spindle.	Obscured from 256° to 358°.
<b>Chilkoot Inlet</b>							
23900	KATZEHIN RIVER FLATS LIGHT 4	59-11-43.663N 135-20-01.552W	Fl R 6s	28	4	TR on 3-pile dolphin.	
23905	BATTERY POINT LIGHT	59-12-37.021N 135-21-54.790W	Fl 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	Fl R 6s	29		On piles.	Private aid.
23910	HAINES SMALL BOAT HARBOR LIGHT 2	59-13-51.475N 135-26-18.328W	Fl 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	Fl W 6s	15	7	NR on spindle.	Higher intensity beam down Chilkoot Inlet.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)</b>							
<b>Taiya Inlet</b>							
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	59-26-53.930N 135-19-24.630W	FI G 4s	20		On pole.	Private aid.
23935	SKAGWAY BREAKWATER LIGHT 2	59-26-55.660N 135-19-21.388W	FI R 4s	19	4	TR on skeleton tower.	
23936	SKAGWAY FERRY TERMINAL LIGHT	59-26-53.800N 135-19-35.600W	F R	31		On dock.	Private aid.
23937	SKAGWAY BROADWAY DOCK LIGHT	59-26-58.190N 135-19-33.900W	FI R 4s	30		On dolphin.	Private aid.
23938	SKAGWAY ORE DOCK LIGHT	59-26-54.600N 135-19-51.840W	FI R 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.	
<b>Saginaw Channel</b>							
23945	FAVORITE REEF LIGHT 2	58-22-47.900N 134-51-41.120W	FI R 4s	33	5	TR on spindle.	
23950	<i>Faust Rock Lighted Bell Buoy FR</i>	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	FI R 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.	
<b>CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)</b>							
<b>Chatham Strait</b>							
23985	WARM SPRING BAY LIGHT	57-04-47.762N 134-46-32.471W	FI W 4s	27	7	NR on spindle.	Obscured from 308° to 101°.
23990	POINT LULL LIGHT	57-18-33.748N 134-48-23.988W	FI W 4s	50	6	NR on skeleton tower.	
<b>Hood Bay</b>							
23995	- Entrance Lighted Buoy 2	57-25-03.608N 134-33-23.006W	FI R 6s		4	Red.	
24000	- Buoy 1	57-25-28.808N 134-32-58.407W				Green can.	
<b>Killisnoo Harbor</b>							
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	FI R 4s		3	Red.	
24023	ANGOON FERRY TERMINAL LIGHT	57-28-19.000N 134-34-00.000W	FI R 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.	
<b>Chatham Strait</b>							
24035	<i>Morris Reef Lighted Buoy 35</i>	57-27-45.897N 134-48-27.636W	FI G 4s		4	Green.	
24040	<i>Kenasnow Rocks Lighted Buoy 2</i>	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)</b>							
<b>Kootznahoo Inlet</b>							
24050	- LIGHT 2	57-30-17.534N 134-34-59.352W	FI R 4s	14	5	TR on spindle on concrete caisson.	
24055	- Daybeacon 4	57-30-00.962N 134-34-36.234W				TR on spindle.	
24060	- LIGHT 6	57-29-55.922N 134-34-10.974W	FI R 2.5s		3	TR on pile.	
<b>STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)</b>							
<b>Tenakee Inlet</b>							
24065	- 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	FI R 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	Q W	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.	
<b>Chatham Strait</b>							
24100	- LIGHT 20	58-02-40.790N 134-48-33.367W	FI R 4s	35	4	TR on skeleton tower.	Obscured from 175° to 353°.
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°.
<b>Hawk Inlet</b>							
24107	- Buoy 2	58-05-12.938N 134-46-52.129W				Red Nun.	
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	Q W	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	FI R 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°.
<b>Icy Strait</b>							
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	FI R 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	FI R 6s	30	5	TR on skeleton tower.	Obscured from 315° to 088°.

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<b>ALASKA - Seventeenth District</b>							
<b>STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)</b>							
<b>Icy Strait</b>							
24145	MXAK Hoonah ASTA	58-07-41.851N 135-25-59.729W					AIS transceiver. MMSI: 993032046 Private aid.
24150	HOONAH BREAKWATER LIGHT 2	58-06-30.781N 135-27-01.207W	FI R 4s	38	3	TR on spindle.	
24155	HOONAH BREAKWATER LIGHT 3	58-06-25.355N 135-26-55.444W	FI G 2.5s	38	3	SG on spindle.	
24157	HOONAH DOCK LIGHT	58-06-56.780N 135-27-19.770W	FI W 2.5s	15		On dock.	Private aid.
24159	<i>Hoonah Harbor Entrance No Wake Buoy</i>	58-06-51.000N 135-27-30.000W	FI W 2s			White	Private aid.
24165	<i>Pinta Rock Lighted Bell Buoy 2</i>	58-10-00.286N 135-27-13.788W	FI R 4s		4	Red.	
24170	<i>Pleasant Island Lighted Bell Buoy 11</i>	58-18-22.739N 135-39-18.656W	FI G 2.5s		4	Green.	
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	FI R 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	<i>Gustavus Lighted Buoy 1</i>	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	58-19-09.133N 136-02-27.152W	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	FI R 4s	40	5	TR on skeleton tower.	Obscured from 230° to 049°.
24210	<i>South Inian Pass Rock Lighted Bell Buoy 6</i>	58-13-54.317N 136-15-22.104W	FI R 4s		4	Red.	
<b>Glacier Bay</b>							
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.
<b>Cross Sound</b>							
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	FI R 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	<b>Cape Spencer Light</b>	58-11-55.854N 136-38-25.806W	FI W 10s	105	14	30	
24243	MXAK Cape Spencer ASTA	58-11-55.712N 136-38-24.374W					AIS transceiver - MMSI: 993032034 Private aid.
<b>Port Althorp Elfin Cove</b>							
24245	- ENTRANCE LIGHT 2	58-11-40.999N 136-21-06.494W	FI R 4s	48	3	TR on small house.	Obscured from 292° to 096°.
24250	- OUTER LIGHT	58-11-48.895N 136-21-04.442W	FI W 4s	20	6	NR on square frame.	



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<b>ALASKA - Seventeenth District</b>							
<b>STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)</b>							
<b>Port Althorp</b>							
<b>Elfin Cove</b>							
24255	- Daybeacon 3	58-11-41.119N 136-20-59.699W				SG on spindle.	
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.	
<b>Port Althorp</b>							
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°.
<b>Lisianski Inlet</b>							
24285	- LIGHT	58-05-56.209N 136-28-04.945W	FI W 6s	65	6	NR on small house.	Obscured from 333° to 133°.
<b>Cross Sound</b>							
24290	Column Point Buoy 1	58-06-59.656N 136-27-36.179W				Green can.	
<b>Lisianski Inlet</b>							
24295	- LIGHT 2	58-04-13.939N 136-25-58.441W	FI R 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	Q W	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.	
<b>DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)</b>							
<b>Nichols Bay</b>							
24320	- 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.	
<b>Hetta Inlet</b>							
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	Q W	10		On pile.	Private aid.
<b>Sukkwun Strait</b>							
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)</b>							
<b>Sukkwai Strait</b>							
24385	Sukkwai Narrows Buoy 6	55-12-08.747N 132-50-18.603W				Red nun.	
24390	Sukkwai 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	FI R 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	SUKKWAI 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	Sukkwai Narrows Buoy 4	55-11-33.749N 132-51-20.499W				Red nun.	
24405	Sukkwai 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.	
<b>Tlevak Strait</b>							
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°.
<b>Tlevak Narrows</b>							
24440	- LIGHT 2	55-15-45.477N 133-07-01.546W	FI R 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.	
<b>Meares Passage</b>							
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°.
<b>Bucareli Bay</b>							
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	<i>Cape Flores Lighted Buoy 2</i>	55-21-24.791N 133-17-43.137W	FI R 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.	
<b>Shelter Cove</b>							
24485	- BREAKWATER LIGHT 2	55-28-25.653N 133-08-38.191W	FI R 4s	30	4	TR on spindle.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)</b>							
<b>Shelter Cove</b>							
24490	- Entrance Range Front Daybeacon	55-28-29.956N 133-08-31.710W				KRW on skeleton tower.	
24495	- Entrance Range Rear Daybeacon 35 yards, 054.2° from front daybeacon.	55-28-30.557N 133-08-30.242W				KRW on skeleton tower.	
<b>Craig Harbor</b>							
24500	<i>Fish Egg Reef Lighted Buoy 3</i>	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 6	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	FI R 4s	13		On breakwater.	Private aid.
24512.2	CRAIG BREAKWATER LIGHT 2	55-28-50.740N 133-08-39.390W	FI R 4s	13		On breakwater.	Private aid.
24512.3	CRAIG BREAKWATER LIGHT 3	55-28-50.540N 133-08-41.960W	FI R 4s	13		On breakwater.	Private aid.
24515	<i>Craig Shoal Lighted Buoy 7</i>	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.
<b>San Alberto Bay</b>							
24520	<i>Ballena Island Shoal Lighted Buoy 2</i>	55-28-14.403N 133-13-14.979W	FI R 4s		3	Red.	
24525	Balandra Shoal Buoy 3	55-28-31.853N 133-13-47.464W				Green can.	
24530	<i>Fern Reef Lighted Buoy 3A</i>	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	- <i>Lighted Buoy 7</i>	55-32-15.152N 133-15-05.233W	FI G 6s		4	Green.	
<b>Gulf of Esquibel</b>							
<b>San Christoval Channel</b>							
24545	<i>Hermanos Islands Reef Lighted Buoy 8</i>	55-33-44.074N 133-17-46.838W	FI R 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.	
<b>Klawock Inlet</b>							
24575	<i>Klawock Reef Lighted Buoy 1</i>	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	<i>Klawock Junction Lighted Buoy KL</i>	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	FI R 6s	21	4	TR on spindle.	
24600	Klawock Tow Channel Daybeacon 3TC	55-30-13.641N 133-10-54.463W				SG on spindle.	

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<b>ALASKA - Seventeenth District</b>							
<b>DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)</b>							
<b>Klawock Inlet</b>							
24605	Klawock Tow Channel Daybeacon 4TC	55-30-15.996N 133-10-21.091W				TR on spindle.	
24610	- Buoy 6	55-30-20.390N 133-09-36.741W				Red nun.	
24615	- <i>Shoal Lighted Buoy 8</i>	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	KLAWOOCK LOGGING DOCK LIGHTS (2)	55-33-12.000N 133-06-36.140W	FI R 10s	18		On dock.	Private aid.
24630	Highwater Rock Daybeacon 1	55-33-33.972N 133-06-15.578W				SG on spindle.	
24635	KLAWOOCK HARBOR ENTRANCE LIGHT 2	55-33-26.169N 133-06-14.023W	FI R 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.	
<b>Boca de Finas</b>							
24665	<i>White Cliff Lighted Buoy 12</i>	55-43-55.271N 133-39-41.161W	FI R 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°.
<b>Karheen Passage</b>							
24680	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)</b>							
<b>Davidson Inlet</b>							
24735	SURF POINT LIGHT	55-50-00.758N 133-38-00.043W	Fl W 4s	29	6	NR on spindle.	Obscured from 290° to 060°.
<b>Edna Bay</b>							
24740	- ENTRANCE LIGHT	55-56-18.843N 133-36-57.758W	Fl W 6s	23	6	NR on skeleton tower.	Obscured from 104° to 240°.
24745	- Buoy 2	55-56-29.156N 133-38-58.458W				Red nun.	
24750	- LIGHT 3	55-56-28.287N 133-39-30.578W	Fl G 4s	20	4	SG on small house.	
24752.1	- Breakwater North Light	55-57-46.270N 133-37-26.530W	Fl W 4s			NW on post. BREAKWATER	Private aid.
24752.2	- Breakwater Center Light	55-57-45.180N 133-37-24.390W	Fl W 4s			NW on post. BREAKWATER	Private aid.
24752.3	- Breakwater South Light	55-57-44.460N 133-37-22.860W	Fl W 4s			NW on post. BREAKWATER	Private aid.
24753	- Daybeacon E	55-57-45.585N 133-37-21.434W				TR on spindle.	
<b>Sea Otter Sound</b>							
24755	TOKEEN HARBOR ENTRANCE LIGHT	55-56-11.223N 133-19-51.326W	Fl W 6s	35	6	NR on skeleton tower.	Obscured from 128° to 255°.
<b>Tuxekan Passage</b>							
24760	Aikens Rock Daybeacon 3	55-54-01.257N 133-15-41.690W				SG on skeleton tower.	
24765	Village Rock Daybeacon VR	55-53-20.685N 133-15-23.330W				JR on spindle.	
<b>El Capitan Passage</b>							
24770	El Capitan Daybeacon 1	55-55-41.469N 133-18-18.086W				SG on spindle.	
24775	Hub Rock Daybeacon 3	55-56-28.659N 133-17-51.536W				SG on spindle.	
24777	North Island Daybeacon	55-57-58.857N 133-19-27.093W				NR on spindle.	
24780	BURNT ISLAND LIGHT 5	55-58-26.571N 133-17-45.422W	Fl G 4s	15	4	SG on skeleton tower.	Obscured from 004° to 157.5°.
<b>Dry Pass</b>							
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 133-24-08.019W				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 133-25-16.557W				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.	

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<b>ALASKA - Seventeenth District</b>							
<b>DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)</b>							
<b>EI Capitan Passage</b>							
<b>Dry Pass</b>							
24855	- Daybeacon 18	56-09-41.707N 133-26-24.057W				TR on spindle.	
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.	
<b>CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)</b>							
<b>Little Branch Bay</b>							
24895	- LIGHT	56-18-14.168N 134-50-41.697W	Fl W 4s	109	5	NR on skeleton tower.	Obscured from 111.5° to 338°.
<b>Sitka Sound</b>							
24897	Sharktooth Rock Daybeacon 2	56-44-05.978N 135-16-08.806W				TR on spindle.	
24898	Sharktooth Rock Daybeacon 4	56-44-20.054N 135-16-19.888W				TR on spindle.	
24900	Elovoi Island Rock Daybeacon 1	56-49-17.695N 135-22-43.882W				SG on spindle.	
24905	Koka Island Passage Daybeacon 1	56-54-49.483N 135-23-39.845W				SG on spindle.	
24910 1030	CAPE EDGE CUMBE LIGHT	56-59-53.317N 135-51-27.509W	Fl 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	Fl W 6s	53	8	NR on skeleton tower.	RACON: O ( - - - )
24920	<i>Kulichkof Rock Lighted Buoy 2</i>	56-59-53.706N 135-26-59.464W	Fl R 4s		4	Red.	
<b>Eastern Channel</b>							
24925	THE ECKHOLMS LIGHT	57-00-36.115N 135-21-32.537W	Fl W 6s	33	6	NR on skeleton tower.	
24930	<i>Simpson Rock Lighted Bell Buoy 5</i>	57-01-09.042N 135-20-44.821W	Fl G 4s		4	Green.	
24935	<i>Tsaritsa Rock Lighted Buoy 7</i>	57-01-14.181N 135-19-28.959W	Fl G 2.5s		3	Green.	
24940	<i>Rocky Patch Lighted Buoy RP</i>	57-01-42.231N 135-18-22.417W	Fl (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	Fl G 6s	22	5	SG on skeleton tower.	Obscured from 086° to 248°.
24948	<i>Indian River Flats Lighted Buoy 2</i>	57-02-32.620N 135-18-37.252W	Fl R 4s		3	Red.	
24950	THE TWINS LIGHT 9	57-02-03.473N 135-18-48.003W	Fl G 4s	14	4	SG on skeleton tower.	Obscured from 030° to 146°.
24952	<i>Indian River Flats Lighted Buoy 4</i>	57-02-32.721N 135-19-00.486W	Fl R 6s		3	Red.	
24953	<i>Indian River Flats Lighted Buoy 6</i>	57-02-40.346N 135-19-15.845W	Fl R 4s		3	Red.	
24955	ROCKWELL LIGHT	57-02-09.395N 135-20-01.354W	F R	50		White octagonal tower with dwelling attached.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)</b>							
<b>Eastern Channel</b>							
24957	Mitchell Rock Daybeacon	57-02-20.303N 135-20-26.635W				NR on pile.	
24958	SURF ROCK LIGHT	57-01-55.147N 135-22-35.303W	FI W 4s	15	5	NR on spindle.	
<b>Alidale Channel</b>							
24960	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	FI R 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	FI R 6s	12	4	TR on pile.	
24990	Japonski Harbor Daybeacon 7	57-02-53.124N 135-20-52.547W				SG on pile.	
<b>Western Channel</b>							
25000	<i>Makhnati Rock Lighted Whistle Buoy 2</i>	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	FI R 4s	52	5	TR on skeleton tower.	Obscured from 217° to 005°.
25010	<i>Usher Rock Shoal Lighted Buoy 5</i>	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	FI R 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	Q G	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.	
<b>Sitka Sound</b>							
25050	Kasiana Island Shoal Buoy 1	57-05-18.323N 135-24-13.035W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)</b>							
<b>Sitka Sound</b>							
25055	OLD SITKA ROCKS LIGHT 2	57-06-52.410N 135-24-42.237W	FI R 6s	30	5	TR on spindle on concrete caisson.	
25056	MXAK Sitka ASTA	57-06-58.774N 135-23-26.524W					AIS transceiver - MMSI: 993032018 Private aid.
25057	STARRIGAVAN BAY LIGHT	57-07-47.340N 135-22-29.950W	FI W 2.5s	10		On breakwater.	Private aid.
25060	BIG GAVANSKI ISLAND LIGHT 3	57-08-23.737N 135-25-01.355W	FI G 2.5s	22	4	SG on skeleton tower.	Obscured from 010° to 154°.
25065	LISIANSKI POINT LIGHT 4	57-08-59.911N 135-24-38.111W	FI R 4s	41	4	TR on skeleton tower.	Obscured from 157° to 338°.
<b>Olga Strait</b>							
25070	- LIGHT 5	57-11-19.903N 135-28-02.183W	FI G 6s	15	5	SG on 3-pile dolphin.	
25075	- LIGHT 7	57-12-23.023N 135-29-27.347W	FI G 2.5s	15	3	SG on 3-pile dolphin.	
25080	- LIGHT 9	57-12-35.058N 135-29-44.825W	FI G 4s	30	4	SG on 3-pile dolphin.	
25085	- LIGHT 11	57-13-44.857N 135-32-10.445W	FI G 4s	15	4	SG on spindle.	
<b>Neva Strait</b>							
25090	NEVA POINT REEF LIGHT 12	57-14-03.847N 135-33-06.845W	FI R 6s	17	4	TR on spindle on concrete caisson.	Obscured from 147° to 217°.
<b>Whitestone Narrows</b>							
25095	- <i>Rock Lighted Buoy 13</i>	57-14-32.333N 135-33-48.357W	FI G 4s		4	Green.	
25100	WHITESTONE POINT LIGHT 14	57-14-39.553N 135-33-43.655W	FI R 2.5s	11	5	TR on skeleton tower.	Obscured from 170° to 347°.
25105	- Channel Buoy 15	57-14-48.733N 135-33-57.956W				Green can.	
25110	- <i>Channel Lighted Buoy 17</i>	57-14-54.333N 135-34-00.656W	Q G		3	Green.	
25115	Whitestone Sandspit Buoy 18	57-15-03.433N 135-34-02.756W				Red nun.	
25120	- RANGE FRONT LIGHT	57-15-11.305N 135-34-04.981W	Q W	27		KRW on spindle..	Visible all around.
25125	- RANGE REAR LIGHT 126 yards, 345.0° from front light.	57-15-14.894N 135-34-06.752W	F W	40		KRW on spindle.	Obscured from 028° to 208°.
<b>Neva Strait</b>							
25130	Columbine Rock Daybeacon 19	57-15-45.379N 135-35-01.145W				SG on skeleton tower.	
25135	- <i>Lighted Buoy 20</i>	57-15-49.435N 135-34-53.063W	FI R 4s		4	Red.	
25140	<i>Wyvill Reef Lighted Buoy 22</i>	57-16-18.171N 135-35-28.522W	FI R 2.5s		4	Red.	
25145	<i>Highwater Island Shoal Lighted Buoy 23</i>	57-16-51.436N 135-36-08.472W	FI G 4s		5	Green.	
25150	ENTRANCE ISLAND LIGHT 24	57-17-30.427N 135-36-20.933W	FI R 6s	30	5	TR on skeleton tower.	Obscured from 154° to 345°.
25155	KANE ISLAND LIGHT 25	57-19-22.279N 135-39-46.259W	FI G 2.5s	40	4	SG on skeleton tower.	Obscured from 342° to 103°.
<b>Salisbury Sound</b>							
25160	Morskoi Rock Buoy 2	57-20-37.576N 135-53-41.808W				Red nun.	
25165 1035	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°.
25170	<i>Kakul Rock Lighted Buoy 2</i>	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 135-41-00.984W	FI R 2.5s	27	4	TR on skeleton tower.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)</b>							
<b>Peril Strait</b>							
25185	SULOIA POINT LIGHT 5	57-23-21.979N 135-38-60.000W	FI G 2.5s	22	4	SG on skeleton tower.	Obscured from 021° to 190°.
25190	<i>West Francis Rock Lighted Buoy 6</i>	57-24-15.893N 135-38-24.033W	FI R 2.5s		4	Red.	
25195	Sergius Narrows Buoy 8	57-24-22.744N 135-37-55.519W				Red nun.	
25200	SERGIUS NARROWS LIGHT 9	57-24-27.596N 135-37-51.671W	FI G 4s	17	4	SG on spindle.	Obscured from 080° to 243°.
25205	Wayanda Ledge Buoy 10	57-24-24.743N 135-37-43.517W				Red nun.	
25210	<i>Liesnoi Shoal Lighted Buoy 11</i>	57-24-42.885N 135-36-34.236W	FI G 2.5s		4	Green.	
25215	POINT SIROI ISLAND LIGHT 12	57-25-08.395N 135-35-20.214W	FI R 2.5s	15	4	TR on skeleton tower.	Obscured from 272° to 025°.
25220	Deep Bay Entrance Daybeacon 1	57-25-57.862N 135-35-36.282W				SG on skeleton tower.	
25225	MIDDLE POINT LIGHT 14	57-26-20.602N 135-34-28.102W	FI R 4s	23	4	TR on spindle on concrete caisson.	
25230	YELLOW POINT LIGHT 16	57-26-52.357N 135-33-41.104W	Q R	17	3	TR on skeleton tower.	Obscured from 265° to 034°.
25235	Yellow Point Rock Daybeacon 18	57-26-56.353N 135-33-12.438W				TR on concrete caisson.	
25240	ROSE ISLAND ROCK LIGHT 19	57-27-15.860N 135-32-23.565W	Q G	17	4	SG on spindle on concrete caisson.	Obscured from 080° to 190°.
25245	BIG ROSE ISLAND LIGHT 21	57-27-26.833N 135-32-19.842W	FI G 4s	17	4	SG on skeleton tower.	Obscured from 004° to 150°.
25250	Rose Channel Rock Daybeacon	57-27-40.459N 135-32-58.008W				NR on spindle.	
25255	- LIGHT 22	57-29-31.057N 135-32-29.190W	FI R 2.5s	13	4	TR on spindle.	Obscured from 159° to 340°.
25260	POVOROTNI ISLAND LIGHT	57-30-51.895N 135-33-18.090W	Q W	26	5	NR on spindle.	Obscured from 314° to 032°.
25261	Goose Cove Coast Guard Mooring Buoy	57-30-46.066N 135-32-32.914W				White with blue band.	
25263	HOGGATT REEF LIGHT 25	57-32-47.947N 135-30-48.444W	FI G 6s	25	4	SG on spindle.	
25265	ELOVOI ISLAND LIGHT 26	57-33-57.607N 135-28-04.704W	FI R 6s	18	4	TR on skeleton tower.	Obscured from 308° to 037°.
25270	OTSTOIA CHANNEL LIGHT 2	57-33-35.227N 135-26-53.424W	FI R 4s	18	3	NR on pile.	
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.	
25285	BROAD ISLAND LIGHT	57-35-08.707N 135-23-37.344W	Q W	14	6	NR on skeleton tower.	Obscured from 152° to 297°.
25290	Rodman Rock Buoy 1	57-29-46.458N 135-14-22.504W				Green can.	
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.	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°.
<b>Khaz Bay</b>							
25325	<i>Khaz Breaker Lighted Whistle Buoy 2</i>	57-31-11.964N 136-07-44.803W	FI R 6s		4	Red.	
25330	Ninefoot Shoal Buoy 4	57-34-50.071N 136-05-48.322W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)</b>							
<b>Khaz Bay</b>							
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.	
<b>Ogden Passage</b>							
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.	
<b>Portlock Harbor</b>							
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.	
<b>Imperial Passage</b>							
25370 1040	HILL ISLAND LIGHT	57-43-39.166N 136-16-36.071W	Fl W 4s	60	6	NR on skeleton tower.	Obscured from 111° to 264°.
<b>STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)</b>							
<b>Lisianski Strait</b>							
25375 1050	- LIGHT 2	57-50-42.445N 136-26-07.719W	Fl R 4s	53	4	TR on square frame.	Obscured from 024° to 210°.
25380	- LIGHT 4	57-56-21.847N 136-21-37.945W	Fl R 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	Fl R 2.5s	25	4	TR on skeleton tower.	
25395	- LIGHT 8	58-00-09.391N 136-21-15.427W	Fl R 4s	15	4	TR on spindle.	Obscured from 275° to 036°.
<b>Graves Harbor</b>							
25400	- Daybeacon 2	58-17-07.524N 136-41-36.854W				TR on spindle.	
<b>CROSS SOUND TO YAKUTAT BAY (Chart 16760)</b>							
<b>Lituya Bay</b>							
25405	- ENTRANCE RANGE FRONT LIGHT	58-37-35.634N 137-39-28.699W	Q W	28		KRW on skeleton tower.	Obscured from 048° to 348°; higher intensity on rangeline.
25410	- ENTRANCE RANGE REAR LIGHT 238 yards, 007.8° from front 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.
<b>Yakutat Bay</b>							
25415 1085	OCEAN CAPE LIGHT	59-32-08.271N 139-51-19.907W	Fl 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	Fl R 2.5s		4	Red.	
25425	- Lighted Whistle Buoy 4	59-35-33.932N 139-51-08.973W	Fl R 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	59-33-35.482N 139-47-02.783W	Fl W 4s	28	6	NR on skeleton tower.	Obscured from 147° to 303°.
25445	Yakutat Roads Lighted Buoy 1	59-33-25.684N 139-45-51.279W	Fl G 2.5s		3	Green.	
25446	YAKUTAT ROADS LIGHT 2	59-34-03.574N 139-44-47.555W	Fl R 4s	12	2	TR on skeleton tower.	Obscured from 292° to 021°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>CROSS SOUND TO YAKUTAT BAY (Chart 16760)</b>							
<b>Yakutat Bay</b>							
25448	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.
<b>CONTROLLER BAY (Chart 16723)</b>							
<b>Controller Bay</b>							
25450	MARTIN ISLANDS LIGHT	60-09-51.553N 144-36-21.792W	Fl W 6s	150	6	NR on skeleton tower.	Obscured from 174° to 255°.
<b>Copper River Delta</b>							
<i>CAUTION: Only mariners with a thorough local knowledge of area should attempt passage into the Delta unless during emergency situations.</i>							
25455	SOFTUK BAR CHANNEL LIGHT S	60-13-13.789N 144-58-58.908W	Oc (4)W 30s	12	6	NR on skeleton tower.	Maintained from May 1 to Oct 1.
25460	KOKENHENIC BAR CHANNEL LIGHT K	60-13-31.771N 145-09-49.458W	Fl 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	Fl 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	Fl W 2.5s	12	5	NR on skeleton tower.	Maintained from May 1 to Oct 1.
25475 1115	<i>Egg Island Lighted Whistle Buoy E1</i>	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	Fl W 6s	33	9	NR on skeleton tower.	
25485	<i>Strawberry Channel Entrance Lighted Whistle Buoy SC</i>	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	Fl W 4s	21	5	NR on skeleton tower.	
<b>PRINCE WILLIAM SOUND (Chart 16700)</b>							
<b>Prince William Sound</b>							
25515 1130	SEAL ROCKS LIGHT	60-09-46.903N 146-50-17.818W	Fl W 6s	48	8	NR on skeleton tower.	RACON: K ( - - )
25520 1135	<i>Seal Rocks Shoal Lighted Whistle Buoy 1</i>	60-09-57.749N 146-44-53.031W	Fl G 4s		4	Green.	
25525	SCHOONER ROCK LIGHT 1	60-18-22.464N 146-54-28.542W	Fl 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	Fl R 6s	39	6	TR on skeleton tower.	Obscured from 209° to 011°.
25535	<b>Johnstone Point Light</b>	60-28-57.735N 146-36-50.717W	Fl W 5s	57	14	NR on skeleton tower. 57	Obscured from 256° to 052°. Emergency light Fl W 2.5s of reduced intensity, if main light is extinguished.
25540	<i>Middle Ground Shoal Lighted Bell Buoy 2</i>	60-32-29.288N 146-22-05.775W	Fl R 6s		4	Red.	
<b>Orca Bay</b>							
25545	GRAVINA POINT LIGHT 3	60-37-22.162N 146-15-13.337W	Fl G 6s	27	5	SG on skeleton tower.	Obscured from 120° to 264°.
25550	HANKS ISLAND ROCK LIGHT 5	60-36-03.120N 145-59-27.151W	Fl G 4s	12	4	SG on spindle.	
25555	<i>Channel Island Rock Lighted Buoy 7</i>	60-36-23.939N 145-49-03.521W	Fl G 2.5s			Green.	
25560	THE NARROWS LIGHT 8	60-36-10.272N 145-47-33.241W	Fl R 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
<b>ALASKA - Seventeenth District</b>							
<b>PRINCE WILLIAM SOUND (Chart 16700)</b>							
<b>Orca Bay</b>							
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	FI R 6s	14	4	TR on spindle.	
<b>Orca Inlet</b>							
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	FI R 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	FI R 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	FI R 4s	25		On pier.	Private aid.
25602	CORDOVA CONTAINMENT DOCK SOUTH LIGHT	60-33-05.650N 145-45-51.070W	FI R 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	FI R 4s	16	4	TR on skeleton tower.	
25613	MXAK Cordova ASTA	60-32-33.032N 145-45-52.139W					AIS transceiver - MMSI: 993032015 Private aid.
<b>Orca Inlet South Channel</b>							
<i>Buoys maintained from May 1 to Oct 1. Positioned to mark best passage. Route requires local knowledge, extreme caution due to shifting shoals.</i>							
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	60-28-09.288N 145-58-09.579W				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	60-30-42.768N 145-54-14.713W				Green can.	
25615.8	- Buoy 14	60-30-59.934N 145-53-57.349W				Red nun.	

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<b>ALASKA - Seventeenth District</b>							
<b>PRINCE WILLIAM SOUND (Chart 16700)</b>							
<b>Orca Inlet</b>							
<b>Orca Inlet South Channel</b>							
<i>Buoys maintained from May 1 to Oct 1. Positioned to mark best passage. Route requires local knowledge, extreme caution due to shifting shoals.</i>							
25615.85	- Buoy 16	60-31-45.846N 145-52-51.655W				Red nun.	
25615.9	- Buoy 18	60-32-52.386N 145-49-37.494W				Red nun.	
<b>Orca Inlet</b>							
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	FI R 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 Buoy 4	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	FI R 4s		4	Red.	
25646	NOAA Data Lighted Buoy 46060	60-35-00.504N 146-48-18.851W	FI (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>PRINCE WILLIAM SOUND (Chart 16700)</b>							
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.
<b>Orca Inlet</b>							
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°.
<b>Tatitlek Narrows</b>							
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	F R	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.	
<b>Valdez Arm</b>							
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	FI R 4s	38	5	TR on skeleton tower.	Obscured from 211° to 335°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>PRINCE WILLIAM SOUND (Chart 16700)</b>							
<b>Valdez Arm</b>							
25715	POTATO POINT LIGHT 11	61-03-22.835N 146-41-47.966W	Oc G 4s	38	5	SG on skeleton tower.	Higher intensity beam towards 033° and 230°. Obscured from 040° to 211°.
25720	Valdez Narrows Buoy 11A	61-03-16.092N 146-41-38.428W				Green can.	
25725	ENTRANCE POINT LIGHT 12	61-03-47.099N 146-39-43.495W	FI (2)R 5s	38	5	TR on skeleton tower.	Obscured from 210° to 000°.
25730	MIDDLE ROCK LIGHT 13	61-04-51.899N 146-39-10.693W	Q G	30	7	SG on skeleton tower on concrete caisson.	
<b>Port Valdez</b>							
25735	ENTRANCE ISLAND LIGHT 14	61-05-05.363N 146-36-48.795W	FI R 2.5s	38	5	TR on skeleton tower.	Obscured from 266° to 063°.
25740	- LIGHT 15	61-07-20.656N 146-34-01.048W	FI G 4s	12	5	SG on skeleton tower.	Obscured from 071° to 269°.
25750	- Mooring Buoy BM	61-05-17.110N 146-24-42.280W				White can with blue bands.	Private aid.
25752	Saw Island Mooring Buoys (4)	61-05-16.110N 146-24-47.280W				White with blue bands.	Private aid.
25753	Valdez Marine Terminal Lighted Mooring Buoys (9)	61-05-20.000N 146-23-30.000W	FI Y 4s			Yellow with white reflector.	Mooring for oil containment boom. Private aid.
25755	- BERTH 5 LIGHTS (2)	61-05-22.111N 146-24-37.280W	Q W	35		On mooring dolphins.	Private aid.
25765	- BERTH 4 LIGHTS (2)	61-05-16.224N 146-24-01.276W	Q R	35		On mooring dolphins.	Private aid.
25780	- BREAKWATER LIGHT	61-05-10.109N 146-23-37.273W	Q G	24			Private aid.
25785	- BERTH 3 LIGHTS (2)	61-05-16.109N 146-23-13.273W	Q W	35		On mooring dolphins.	Private aid.
25800	- BERTH 1 LIGHTS (3)	61-05-24.000N 146-22-19.000W	Q R	35		On mooring dolphins.	Private aid.
25805	- Coast Guard Mooring Buoy	61-05-30.287N 146-24-47.945W				White sphere with blue band.	
25813	Solomon Gulch Mooring Buoys (8)	61-05-12.305N 146-18-10.270W				Yellow cans.	Mooring for oil containment boom. Private aid.
25815	VALDEZ BOAT HARBOR LIGHT 2	61-07-21.697N 146-21-13.636W	FI R 4s	22	5	TR on skeleton tower.	
25820	VALDEZ BOAT HARBOR LIGHT 3	61-07-23.743N 146-21-19.000W	FI G 4s	33	5	SG on skeleton tower.	
25821	MXAK Valdez ASTA	61-07-37.416N 146-20-37.954W					AIS transceiver - MMSI: 993032012 Private aid.
25822	- SERVS DOCK LIGHTS (2)	61-07-20.000N 146-20-35.000W	F R	13		On dolphins.	Private aid.
25822.3	VALDEZ SOUTH BOAT HARBOR SOUTH BREAKWATER LT 1	61-07-25.288N 146-20-37.241W	FI G 2.5s	34	5	SG on spindle.	
25822.6	VALDEZ SOUTH BOAT HARBOR EAST BREAKWATER LT 2	61-07-22.529N 146-20-54.390W	FI R 2.5s	34	5	TR on spindle.	
25823	Valdez Security Zone Lighted Buoy A	61-06-00.044N 146-25-41.976W	FI Y 2.5s		4	Yellow pillar.	
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 Buoy B	61-06-00.016N 146-21-30.244W	FI Y 2.5s		4	Yellow pillar.	
25824.1	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	F G	16			Private aid.
<b>Naked Island</b>							
25826	- Lighted Mooring Buoy A	60-40-19.731N 147-21-08.444W	FI W 2.5s			White with blue band.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>PRINCE WILLIAM SOUND (Chart 16700)</b>							
<b>Naked Island</b>							
25827	MXAK Naked Island ASTA	60-38-44.998N 147-20-34.018W					AIS transceiver. MMSI: 993032050 Private aid.
25828	- <i>Lighted Mooring Buoy C</i>	60-38-34.797N 147-27-50.150W	Fl W 2.5s			White with blue band.	Private aid.
<b>PRINCE WILLIAM SOUND (Chart 16700)</b>							
25830	<i>Smith Island Lighted Buoy 1</i>	60-32-01.374N 147-17-15.094W	Fl 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	Fl 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	Fl W 2.5s	24	6	NR on spindle.	
25850	POINT ELEANOR LIGHT	60-34-50.733N 147-33-47.352W	Fl W 6s	45	6	NR on skeleton tower.	Obscured from 301° to 091°.
25855	<i>Lone Island Shoal Lighted Bell Buoy 2</i>	60-38-13.653N 147-47-16.410W	Fl R 4s		4	Red.	
25860	PERRY ISLAND LIGHT	60-39-17.003N 147-55-57.379W	Fl 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	Fl 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	Fl W 6s	31	6	NR on skeleton tower.	Obscured from 108° to 276°.
<b>Passage Canal</b>							
25875	POINT PIGOT LIGHT	60-48-02.926N 148-21-25.574W	Fl W 6s	25	7	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	Fl 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	Fl 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	Fl R 6s	3		On dock.	Private aid.
25900	WHITTIER BREAKWATER LIGHT 1	60-46-41.080N 148-41-34.765W	Fl 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	Q W	20		On dolphin.	Private aid.
25903	WHITTIER CRUISE SHIP DOCK WEST LIGHT	60-46-42.020N 148-42-05.560W	Q W	20		On dolphin.	Private aid.
<b>Port Nellie Juan</b>							
25905	- LIGHT	60-35-51.767N 148-06-07.585W	Fl 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.
<b>Knight Island Passage</b>							
25910	CRAFTON ISLAND LIGHT	60-30-42.016N 147-56-04.081W	Fl W 4s	70	6	NR on skeleton tower.	Obscured from 328° to 146°.
25915	NEW YEAR ISLAND LIGHT	60-18-46.145N 147-55-04.278W	Fl W 6s	23	6	NR on skeleton tower.	Obscured from 193° to 316°.
25920	PLEIADES LIGHT	60-14-22.967N 148-00-37.698W	Fl W 4s	30	6	NR on skeleton tower.	Obscured from 343° to 131°.
25925	POINT HELEN LIGHT	60-09-11.285N 147-45-58.962W	Fl W 6s	35	6	NR on skeleton tower.	Obscured from 082° to 228°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>PRINCE WILLIAM SOUND (Chart 16700)</b>							
<b>Sawmill Bay</b>							
25930	- Daybeacon 1	60-03-07.139N 148-01-24.929W				SG on spindle.	
25935	Crab Bay Daybeacon 2	60-04-01.704N 148-00-31.332W				TR on steel pile.	Tide Gauge. Private aid.
25936	- DOCK EAST LIGHT	60-03-49.160N 148-00-28.840W	FI R 6s	23		On pier.	Private aid.
25936.5	- DOCK WEST LIGHT	60-03-47.810N 148-00-32.540W	FI R 6s	23		On pier.	Private aid.
25937	- Mooring Buoys (13)	60-03-13.690N 148-01-59.270W				Yellow cans.	Mooring for oil containment boom. Private aid.
25945	- LIGHT 3	60-03-12.863N 148-02-12.911W	FI G 4s	14	5	SG on skeleton tower.	Obscured from 293° to 062°.
25950	- Daybeacon 5	60-03-00.299N 148-03-14.249W				SG on spindle.	
<b>Elrington Passage</b>							
25965	- LIGHT	60-02-46.152N 148-00-39.701W	FI W 6s	25	6	NR on skeleton tower.	Obscured from 061° to 270°.
25970	EVANS ISLAND LIGHT	59-59-06.305N 148-07-28.361W	FI W 2.5s	20	5	NR on skeleton tower.	Obscured from 084° to 249°.
25975	LONETREE POINT LIGHT	59-58-56.147N 148-12-00.390W	FI W 4s	30	6	NR on skeleton tower.	Obscured from 280° to 063°.
25977	Hogg Bay Coast Guard Mooring Buoy	60-04-10.334N 148-11-54.795W				White cylinder with blue band.	
25980	POINT ELRINGTON LIGHT	59-56-09.059N 148-15-02.416W	FI W 6s	30	7	NR on skeleton tower.	Obscured from 198° to 354°.
<b>Montague Strait</b>							
25981	MXAK Latouche Mountain ASTA	59-59-00.834N 147-54-32.637W					AIS transceiver. MMSI: 993032051 Private aid.
25982	NOAA Data Lighted Buoy 46076	59-28-17.000N 148-00-32.000W	FI (4)Y 20s			Yellow boat shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>POINT ELRINGTON TO EAST CHUGACH ISLAND (Chart 16680)</b>							
<b>Resurrection Bay</b>							
25985 1140	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°.
25995	CAINES HEAD LIGHT	59-58-59.298N 149-23-16.173W	FI W 4s	35	6	NR on spindle.	Obscured from 043° to 214°.
26000	THUMB COVE LIGHT	60-00-25.117N 149-20-02.445W	FI W 6s	42	6	NR on spindle.	Obscured from 108° to 249°.
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					Private aid.
26005	4TH OF JULY CHANNEL LT 1	60-05-18.900N 149-21-43.400W	FI G 15s	17		SG on pile.	Private aid.
26005.1	4TH OF JULY BREAKWATER LT 2	60-05-16.190N 149-21-34.560W	FI (2)R 15s	27		TR on Spindle.	Private aid.
26005.2	4th of July Channel DBN 3	60-05-19.900N 149-21-35.100W				SG on Pile.	Private aid.
26005.3	4th of July Channel DBN 5	60-05-18.600N 149-21-29.300W				SG on pile.	Private aid.
26005.4	4th of July Channel DBN 7	60-05-15.840N 149-21-25.500W				SG on spindle.	Private aid.
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	F R	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.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>POINT ELRINGTON TO EAST CHUGACH ISLAND (Chart 16680)</b>							
<b>Resurrection Bay</b>							
26020	SEWARD EAST BREAKWATER LIGHT 2	60-06-54.058N 149-25-58.451W	FI R 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	<i>Railroad Pier Lighted Buoy 2</i>	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	FI R 6s	24		On dolphin.	Private aid.
26045	ALASKA RAILROAD DOCK WEST LIGHT	60-07-04.640N 149-25-40.290W	F R	31		On post on dock.	Private aid.
26050	ALASKA RAILROAD DOCK EAST LIGHT	60-07-04.770N 149-25-38.670W	F R	31		On post on dock.	Private aid.
26051	SEWARD CARGO DOCK LT	60-07-05.774N 149-25-29.270W	Q R	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.
<b>McArthur Pass</b>							
26055	- LIGHT	59-27-47.422N 150-20-12.143W	FI W 4s	45	6	NR on skeleton tower.	Obscured from 074° to 256°.
<b>COOK INLET (Southern Part) (Chart 16640)</b>							
<b>Cook Inlet</b>							
<i>Oil well structures exist in Cook Inlet from Kalgin Island to the mouth of the Beluga River. Some buoys may be located outside of the wire dragged 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	<i>Chugach Passage Lighted Buoy 2</i>	59-08-59.956N 151-45-23.817W	FI R 2.5s		4	Red.	
26080	<i>Chugach Passage Lighted Buoy 3</i>	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.	
<b>Port Graham</b>							
26115	- Entrance Shoal Buoy 1	59-22-43.517N 151-54-16.443W				Green can.	
26120	- ENTRANCE LIGHT	59-22-20.898N 151-53-06.882W	FI W 4s	50	5	NR on small house.	Obscured from 313° to 070°.
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>COOK INLET (Southern Part) (Chart 16640)</b>							
<b>Port Graham</b>							
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	Fl W 2.5s	94	6	NR on skeleton tower.	
<b>Seldovia Bay</b>							
26150	- ENTRANCE LIGHT	59-27-07.695N 151-43-15.896W	Fl W 6s	64	7	NR on small house.	Obscured from 202° to 080° and from 088° to 098°.
26155	- <i>Lighted Buoy 1</i>	59-26-51.123N 151-43-26.065W	Fl G 2.5s		4	Green.	
26160	- <i>Lighted Buoy 2</i>	59-26-45.395N 151-43-28.076W	Fl R 4s			Red.	
26165	- LIGHT 3	59-26-32.619N 151-43-17.052W	Fl G 4s	45	4	SG on small house.	
26170	SELDOVIA DOCK LIGHTS (2)	59-26-30.000N 151-43-06.000W	F R	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	Fl G 2.5s	22	3	SG on skeleton tower.	
<b>Kachemak Bay</b>							
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	Fl W 4s	79	8	NR on skeleton tower.	
26195	<i>Archimandritof Shoal Lighted Buoy 1</i>	59-35-29.800N 151-26-10.703W	Fl G 2.5s		3	Green.	
26200	HOMER SPIT LIGHT 3	59-36-02.053N 151-24-34.678W	Fl 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	Fl R 4s	32		On dolphin.	Private aid.
26202	HOMER PIONEER MIDDLE DOLPHIN LIGHT	59-36-06.800N 151-24-30.300W	Fl R 4s	32		On dolphin.	Private aid.
26203	HOMER PIONEER NORTH DOLPHIN LIGHT	59-36-07.490N 151-24-31.830W	Fl R 4s	32		On dolphin.	Private aid.
26204	HOMER PIONEER DOCK SOUTH LIGHT	59-36-08.200N 151-24-33.380W	F R	32		On dock.	Private aid.
26205	HOMER PIONEER DOCK NORTH LIGHT	59-36-11.100N 151-24-39.580W	F R	32		On dock.	Private aid.
26210	HOMER BREAKWATER LIGHT 2	59-36-14.262N 151-24-53.514W	Q R	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	<i>Homer Deepwater South Lighted Mooring Buoy</i>	59-36-14.920N 151-24-49.440W	Fl W 6s			White with blue band.	Private aid.
26216.5	HOMER DEEPWATER SOUTH DOLPHIN LIGHT	59-36-18.000N 151-24-50.010W	Fl R 6s	12		On dolphin.	Private aid.
26217	HOMER DEEPWATER DOCK SOUTH LIGHT	59-36-20.910N 151-24-51.170W	F R	30		On dock.	Private aid.
26220	HOMER DEEPWATER DOCK NORTH LIGHT	59-36-24.240N 151-24-52.230W	F R	30		On dock.	Private aid.
26223	HOMER DEEPWATER NORTH DOLPHIN LIGHT	59-36-25.990N 151-24-53.050W	Fl R 4s	30		On dolphin.	Private aid.
26224	<i>Homer Deepwater North Lighted Mooring Buoy</i>	59-36-28.590N 151-24-55.360W	Fl W 6s			White with blue band.	Private aid.
26225	GULL ISLAND LIGHT 4	59-35-04.613N 151-19-45.830W	Fl R 4s	94	4	TR on skeleton tower.	
26227	WEST ISMAILOF ISLAND LIGHT	59-35-49.800N 151-15-00.000W	Fl W 6s	60		On skeleton tower.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>COOK INLET (Southern Part) (Chart 16640)</b>							
<b>Kachemak Bay</b>							
26230	HALIBUT COVE LIGHT 2	59-36-00.959N 151-12-52.847W	FI R 6s	70	4	TR on small house.	Obscured from 024° to 119°.
26245	Halibut Point Daybeacon	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	<i>AOOS Data Lighted Buoy 204</i>	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	<i>Lower Cook Inlet Junction Lighted Bell Buoy CI</i>	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.	
<b>COOK INLET (Northern Part) (Chart 16660)</b>							
<b>Cook Inlet</b>							
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	F R	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	<i>Kasilof Entrance Channel Lighted Buoy 1</i>	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.
26315.65	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 10	60-23-29.237N 151-18-29.453W				Red nun.	Maintained from May 1 to Nov 1.
26315.8	Kasilof Entrance Channel Buoy 11	60-23-29.587N 151-18-23.132W				Green can.	Maintained from May 1 to Nov 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>COOK INLET (Northern Part) (Chart 16660)</b>							
<b>Cook Inlet</b>							
26315.9	Kasilof Entrance Channel Buoy 13	60-23-25.917N 151-18-17.531W				Green can.	Maintained from May 1 to Nov 1.
26320	<i>Kenai Entrance Channel Lighted Buoy 1KE</i>	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.	
26330	NIKISKI SECTOR LIGHT	60-38-10.740N 151-20-58.962W	F R W G	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	Q R	23		On dolphins.	Private aid.
26340	PHILLIPS LNG DOCK LIGHTS (2)	60-40-39.971N 151-23-50.059W	Q R	40		On pier.	Private aid.
26345	KENAI PIPELINE COMPANY DOCK LIGHTS (2)	60-40-51.971N 151-23-50.059W	F R	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	Q W	65		(4) lights on Chevron Oil Platform.	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26361.1	MIDDLE GROUND SHOAL OIL PLATFORM LIGHT "C"	60-45-50.365N 151-30-07.326W	Q W	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	Q W	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	Q W	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	Q W	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	Q W	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	Q W	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	Q W	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	Q W	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	Q W	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	Q W	65		(4) lights on Chevron Oil Platform.	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26361.6	GRAYLING OIL PLATFORM LIGHT	60-50-23.070N 151-36-47.012W	Q W	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	Q W	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	Q W	32		(4) lights on Unocal 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
<b>ALASKA - Seventeenth District</b>							
<b>COOK INLET (Northern Part) (Chart 16660)</b>							
<b>Cook Inlet</b>							
26361.9	MARATHON SPURR OIL PLATFORM LIGHT	60-55-10.000N 151-33-26.000W	Q W	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	<i>Middle Ground Shoal Lighted Buoy 3</i>	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	- <i>Lighted Bell Buoy 6</i>	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	Q W	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	<i>Knik Arm Shoal Lighted Buoy 7</i>	61-12-13.013N 150-05-23.089W	Q G		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.	61-12-07.892N 150-01-06.288W	F G	140		KRW on multi-pile structure.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
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	Q Y	49		On dolphin.	Private aid.
26455	PORT MACKENZIE NORTH DOLPHIN LIGHT	61-16-13.090N 149-54-52.640W	Q Y	49		On dolphin.	Private aid.
<b>KODIAK ISLAND (Chart 16580)</b>							
<b>Marmot Strait</b>							
26460 1170	TONKI CAPE LIGHT	58-21-08.877N 151-59-11.658W	FI W 4s	75	8	NR on skeleton tower.	
<b>Marmot Bay</b>							
26463	OUZINKIE BREAKWATER LIGHT 2	57-55-15.461N 152-29-47.123W	FI R 6s	23	5	TR on spindle on breakwater.	
26465	PROKODA ISLAND LIGHT 2	57-54-38.101N 152-30-22.636W	FI R 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	<i>Entrance Point Shoal Lighted Buoy 5</i>	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>KODIAK ISLAND (Chart 16580)</b>							
<b>Marmot Bay</b>							
26490	THREE BROTHERS LIGHT 8	57-55-26.158N 152-33-13.760W	FI R 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.	
<b>Afognak Bay</b>							
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°.
<b>Whale Passage</b>							
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	KONIUI ISLAND LIGHT 5	57-55-46.748N 152-50-19.512W	FI G 2.5s	70	4	SG on skeleton tower.	
<b>Kizhuyak Bay</b>							
26530	SETTLER COVE BREAKWATER LIGHT 1	57-52-24.176N 152-51-39.059W	Q G		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.	
<b>Marmot Bay</b>							
26545 1175	<i>Williams Reef Lighted Whistle Buoy 1</i>	57-50-16.591N 152-09-27.825W	FI G 4s		5	Green.	
26550	<i>Kodiak North Entrance Channel Lighted Whistle Buoy 3</i>	57-50-52.702N 152-13-43.549W	FI G 6s		4	Green.	
26555	<i>Hutchinson Reef Lighted Whistle Buoy 4</i>	57-49-58.403N 152-17-25.474W	FI R 4s		4	Red.	
26560	HANIN ROCK LIGHT	57-50-04.497N 152-18-52.353W	Q W	43	6	Skeleton tower.	
26565	<i>Kodiak North Entrance Channel Lighted Whistle Buoy 5</i>	57-49-18.879N 152-17-59.970W	FI G 2.5s		4	Green.	
26570	<i>Kodiak North Entrance Channel Lighted Whistle Buoy 7</i>	57-48-54.338N 152-18-42.019W	FI G 4s		5	Green.	
26575	<i>Kodiak North Entrance Channel Lighted Buoy 8</i>	57-48-44.298N 152-19-32.892W	FI R 2.5s		4	Red.	
26580	<b>Spruce Cape Light</b>	57-49-19.856N 152-19-30.947W	FI W 10s	40	13	NR on skeleton tower. 15	
26585	<i>Kodiak North Entrance Channel Lighted Buoy 10</i>	57-48-10.296N 152-20-47.902W	FI R 6s		4	Red.	
26590	WOODY ISLAND LIGHT	57-47-46.028N 152-20-18.275W	FI W 6s	50	5	NR on skeleton tower.	Obscured from 228° to 040°.
26595	Kodiak North Entrance Channel Buoy 11	57-47-40.503N 152-20-56.675W				Green can.	
26600	<i>Kodiak North Entrance Channel Lighted Bell Buoy KH</i>	57-47-44.694N 152-21-32.909W	FI (2+1)R 6s		4	Red and green bands.	
26605	Kodiak North Entrance Channel Buoy 13	57-47-22.692N 152-22-06.414W				Green can.	
26610	<i>Cyane Rock Lighted Bell Buoy 15</i>	57-47-25.934N 152-23-12.310W	Q G		4	Green.	
26615	KODIAK FERRY DOCK LIGHTS (2)	57-47-12.000N 152-24-00.000W	F R	18		Pedestal.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>KODIAK ISLAND (Chart 16580)</b>							
<b>Marmot Bay</b>							
26620	Kodiak Boat Harbor Daybeacon 2	57-47-06.416N 152-24-30.563W				TR on pile.	
26630	KODIAK BOAT HARBOR LIGHT 1	57-47-05.309N 152-24-35.713W	FI G 4s	18	5	SG on skeleton tower.	
<b>St. Herman Harbor</b>							
26635	- NORTH ENTRANCE LIGHT 1	57-46-57.170N 152-24-30.605W	FI G 2.5s		5	SG on spindle.	
26640	- NORTH ENTRANCE LIGHT 2	57-46-56.460N 152-24-34.543W	FI R 6s	17	5	TR on spindle.	
<b>Woody Island</b>							
26645	- Channel Lighted Buoy 2	57-47-08.499N 152-21-43.213W	FI R 2.5s		3	Red.	
26650	- Channel Buoy 3	57-46-46.087N 152-21-50.015W				Green can.	
26655	- Channel Buoy 4	57-46-36.387N 152-22-17.219W				Red nun.	
26660	- Channel Lighted Buoy 5	57-45-35.020N 152-22-22.424W	FI G 6s		4	Green.	
26665	- Channel Buoy 6	57-45-06.277N 152-23-58.934W				Red nun.	
<b>St. Paul Harbor</b>							
26675	- Entrance Midchannel Lighted Whistle Buoy SP	57-44-03.272N 152-24-19.939W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
26680	- ENTRANCE LIGHT	57-44-19.634N 152-25-47.717W	FI W 6s	38	7	NR on spindle tower.	RACON: N ( - . )
26685	- Entrance Channel Lighted Bell Buoy 2	57-44-28.275N 152-25-09.942W	FI R 4s		4	Red.	
26690	- Entrance Channel Lighted Whistle Buoy 3	57-44-25.174N 152-25-31.943W	FI G 2.5s		3	Green.	
26695	- Entrance Channel Buoy 5	57-44-28.466N 152-26-05.482W				Green can.	
26700	- Entrance Channel Lighted Bell Buoy 6	57-45-07.279N 152-26-51.946W	Q R		4	Red.	
26705	- Entrance Channel Lighted Buoy 7	57-45-22.410N 152-27-07.054W	FI G 2.5s		3	Green.	
26715	Gull Island Rocks Lighted Buoy 8	57-46-33.289N 152-25-56.736W	FI R 6s		4	Red.	
<b>St. Herman Harbor</b>							
26730	- South Approach Buoy 1	57-46-27.288N 152-25-20.434W				Green can.	
26732	- SOUTH ENTRANCE LIGHT 3	57-46-28.295N 152-25-04.408W	FI G 4s	5	5	SG on spindle.	
26733	- SOUTH ENTRANCE LIGHT 4	57-46-25.243N 152-25-05.524W	FI R 6s	25	5	TR on spindle.	
26735	- South Entrance Daybeacon 7	57-46-41.835N 152-25-00.162W				SG on pile.	
<b>St. Paul Harbor</b>							
26740	CONTAINER TERMINAL PIER 3 EASTERN OUTBOARD LT	57-46-56.742N 152-25-55.884W	F R	18		On Dolphin.	Private aid.
26741	CONTAINER TERMINAL PIER 3 EASTERN INBOARD LT	57-46-56.292N 152-25-57.696W	F R	18		On Dolphin.	Private aid.
26742	CONTAINER TERMINAL PIER 3 WESTERN INBOARD LT	57-46-51.372N 152-26-14.934W	F R	18		On Dolphin.	Private aid.
26743	CONTAINER TERMINAL PIER 3 WESTERN OUTBOARD LT	57-46-50.994N 152-26-16.782W	F R	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	F R	16		On pedestal.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>KODIAK ISLAND (Chart 16580)</b>							
<b>St. Paul Harbor</b>							
26755	<i>Gull Island Lighted Buoy 10</i>	57-46-54.542N 152-25-13.707W	FI R 2.5s		4	Red.	
26760	<i>- Entrance Channel Lighted Buoy 11</i>	57-47-01.999N 152-24-41.273W	FI G 6s			Green.	
<b>Womens Bay</b>							
26765	<i>- FRONT RANGE LIGHT</i>	57-43-23.997N 152-28-50.548W	Q W	57		KRB on skeleton tower.	
26770	<i>- REAR RANGE LIGHT</i> 661 yards, 211.1° from front light.	57-43-07.268N 152-29-09.417W	Oc W 4s	94		KRB on skeleton tower.	
26780	<i>- Entrance Channel Lighted Buoy 2</i>	57-44-21.175N 152-27-53.454W	FI R 2.5s			Red.	
26785	<i>- Entrance Channel Lighted Bell Buoy 3</i>	57-44-17.158N 152-27-43.468W	FI G 2.5s		4	Green.	
26790	<i>- Entrance Channel Buoy 5</i>	57-43-57.273N 152-28-07.957W				Green can.	
26795	<i>- Entrance Channel Lighted Buoy 6</i>	57-43-48.333N 152-28-27.789W	FI R 4s		4	Red.	
26800	<i>- Entrance Channel Lighted Bell Buoy 7</i>	57-43-45.112N 152-28-21.608W	FI G 4s		4	Green.	
26805	<i>- Entrance Channel Lighted Buoy 8</i>	57-43-39.402N 152-28-43.700W	FI R 2.5s		4	Red.	
26810	<i>- Entrance Channel Buoy 9</i>	57-43-32.871N 152-28-41.201W				Green can.	
26815	<i>- Entrance Channel Lighted Buoy 11</i>	57-43-24.821N 152-29-25.384W	FI G 6s		4	Green.	
26820	<i>- Entrance Channel Buoy 12</i>	57-43-24.691N 152-30-00.967W				Red nun.	
26825	<i>- Entrance Channel Lighted Buoy 13</i>	57-43-11.200N 152-30-09.969W	Q G		3	Green.	
26830	<i>- Entrance Channel Lighted Buoy 14</i>	57-42-53.158N 152-30-41.851W	Q R		3	Red.	
26835	<i>- Lighted Buoy 16</i>	57-42-57.518N 152-31-40.635W	FI R 4s		3	Red.	
26840	<i>- Buoy 18</i>	57-43-33.112N 152-31-10.991W				Red nun.	
26845	<i>- Middle Shoal Buoy 19</i>	57-43-47.496N 152-31-07.082W				Green can.	
<b>Chiniak Bay</b>							
26850 1180	<i>Humpback Rock Lighted Whistle Buoy 1</i>	57-42-47.754N 152-14-13.079W	FI G 4s		5	Green.	
<b>Sitkalidak Strait</b>							
26855	TABLE ISLAND LIGHT	57-11-20.385N 152-55-12.973W	FI W 4s	106	7	NR on skeleton tower.	
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.	
26865	BUSH POINT LIGHT 2	57-13-03.589N 153-13-00.998W	FI R 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	FI R 6s	30	4	TR on skeleton tower.	
<b>Old Harbor</b>							
26879	<i>- LIGHT 1</i>	57-12-28.376N 153-17-49.161W	FI G 4s	18	3	SG on pile.	
26880	<i>- Daybeacon 2</i>	57-12-29.168N 153-17-48.441W				TR on pile.	
26885	<i>- Daybeacon 3</i>	57-12-30.992N 153-17-59.847W				SG on pile.	
26890	<i>- Daybeacon 4</i>	57-12-32.420N 153-18-01.389W				TR on pile.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>KODIAK ISLAND (Chart 16580)</b>							
<b>Sitkalidak Strait</b>							
26893	Three Saints Bay CG Mooring Buoy	57-10-23.374N 153-31-05.947W				White with blue stripe	
<b>Geese Channel</b>							
26895	- 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	FI R 4s		3	Red.	
26910	AIKATLIK ISLAND LIGHT 5	56-43-53.132N 154-03-05.659W	FI G 6s	57	5	SG on skeleton tower.	
<b>Sitkinak Strait</b>							
26915 1195	WHIRLPOOL POINT LIGHT	56-36-59.918N 154-05-42.601W	FI W 2.5s	51	8	NR on skeleton tower.	
<b>Alitak Bay</b>							
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	FI R 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	FI R 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.	
<b>Shelikof Strait</b>							
26950	NOAA Data Lighted Buoy 46077	57-54-09.000N 154-10-34.000W	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.	
<b>Uyak Bay</b>							
26960	HARVESTER ISLAND SPIT LIGHT 2	57-38-14.800N 153-59-40.104W	FI R 4s	22	3	TR on 3-pile dolphin.	
<b>Larsen Bay</b>							
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.	
26975	- Daybeacon 3	57-32-27.134N 153-59-05.667W				SG on 3-pile dolphin.	
26980	- RANGE FRONT LIGHT	57-32-44.177N 154-00-13.018W	Q W	56		KRW on skeleton tower.	Obscured from 333° to 267°.
26985	- RANGE REAR LIGHT 129 yards, 291.3° from light.	57-32-45.566N 154-00-19.646W	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	FI R 6s	10	4	TR on spindle.	
<b>Uyak Bay</b>							
26990	Aleutian Rock Buoy 1	57-25-36.379N 153-50-47.756W				Green can.	
<b>Uganik Bay</b>							
26995	NOISY ISLAND LIGHT	57-55-54.521N 153-33-47.982W	FI W 6s	80	7	NR on skeleton tower.	Obscured from 223° to 338°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>KODIAK ISLAND (Chart 16580)</b>							
<b>Uganik Bay</b>							
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.	
<b>Kupreanof Strait</b>							
27010	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	FI R 4s	35	4	TR on small house.	
<b>Raspberry Strait</b>							
27035	- LIGHT	58-09-35.269N 153-13-24.608W	FI W 6s	50	6	NR on small house.	
<b>Shelikof Strait</b>							
27045 1165	LATAK ROCKS LIGHT	58-41-28.543N 152-29-00.890W	FI W 4s	40	8	NR on spindle.	
<b>Shuyak Strait</b>							
27050	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°.
<b>ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011, 16013)</b>							
<b>Alaska Peninsula</b>							
27060	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	56-18-16.373N 158-22-47.851W				TR on skeleton tower on breakwater.	
<b>Shumagin Islands</b>							
27070	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.	
27085	<i>Popof Strait Lighted Buoy 3</i>	55-20-43.731N 160-31-05.323W	FI G 6s		4	Green.	
27090	<i>Unga Reef Lighted Buoy 4</i>	55-20-15.430N 160-31-20.325W	FI R 4s		3	Red.	
27095	<i>Popof Reef Lighted Gong Buoy 5</i>	55-20-08.192N 160-31-02.174W	FI G 2.5s		3	Green.	
27105	HUMBOLDT HARBOR BREAKWATER LIGHT 2	55-19-56.004N 160-30-12.082W	FI R 2.5s	24	3	TR on spindle.	
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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011, 16013)</b>							
<b>Shumagin Islands</b>							
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	<i>Bluff Point Shoal Lighted Gong Buoy 1</i>	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	FI R 4s	78	5	TR on skeleton tower.	Obscured from 105° to 213°.
27150	<i>Moss Cape Lighted Buoy 4</i>	55-07-07.048N 161-56-15.232W	FI R 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	<i>Iliasik Passage Lighted Buoy 5</i>	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	FI R 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	FI R 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°.
<b>Cold Bay</b>							
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	FI R 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	FI R 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.	
27240	<i>Thin Point Lighted Whistle Buoy 2</i>	54-54-54.542N 162-32-25.551W	FI R 6s		4	Red.	
<b>Bechevin Bay</b>							
<i>Channel should be navigated with caution due to shifting shoals.</i>							
27250	- Entrance Buoy BB	55-06-08.712N 163-30-07.643W				Red and white stripes.	
27255	- Buoy 1	55-05-22.359N 163-29-34.392W				Green can.	
27257	- Buoy 1A	55-04-17.283N 163-29-02.895W				Green Can.	
27260	- Buoy 2	55-05-18.629N 163-29-56.212W				Red nun.	
27265	- Buoy 3	55-04-06.923N 163-28-50.364W				Green can.	
27270	- Buoy 4	55-04-02.761N 163-29-04.760W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011, 16013)</b>							
<b>Bechevin Bay</b>							
<i>Channel should be navigated with caution due to shifting shoals.</i>							
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.	
27300	Chunak Point Daybeacon 2	55-01-59.691N 163-27-16.932W				TR on skeleton tower.	
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	FI R 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 163-21-51.236W				Green can.	
27390	- Buoy 28	54-57-45.780N 163-22-16.261W				Red nun.	
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	FI R 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	F R	14		On pier.	Private aid.
27403	FALSE PASS CITY DOCK SOUTH LIGHT	54-51-42.660N 163-24-38.400W	F R	14		On pier.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011, 16013)</b>							
<b>Bechevin Bay</b>							
<i>Channel should be navigated with caution due to shifting shoals.</i>							
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	FI R 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	FI R 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°.
<b>Akutan Harbor</b>							
27427	AKUTAN SMALL BOAT HARBOR LIGHT 1	54-07-48.314N 165-49-21.309W	FI G 4s		4	SG on spindle.	Position Approximate
27428	AKUTAN SMALL BOAT HARBOR LIGHT 2	54-07-50.420N 165-49-19.623W	FI R 2.5s		4	TR on spindle.	Position Approximate
27430	- LIGHT	54-07-56.022N 165-46-54.159W	Oc W 4s	10	7	SPS on spindle.	Obscured from 070° to 263°.
27435	AKUN STRAIT LIGHT	54-07-54.777N 165-39-34.778W	FI W 4s	46	6	On skeleton tower 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	FI R 6s	163	4	TR on skeleton tower.	
27444	<i>Akutan Bay Lighted Mooring Buoy</i>	54-07-39.600N 165-45-00.000W	FI W 2s			White with blue stripe.	Private aid.
<b>Unalaska Island</b>							
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	<i>Iliuliuk Bay Entrance Lighted Bell Buoy 2</i>	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	<i>Rocky Point Shoal Lighted Buoy RP</i>	53-53-25.380N 166-31-19.889W	FI (2+1)G 6s		4	Green and red bands.	
27466	<i>Iliuliuk Bay Lighted Buoy 4</i>	53-53-07.381N 166-31-31.887W	FI R 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	<i>APL Shoal Lighted Buoys (2)</i>	53-53-00.000N 166-31-50.000W	Q W			White with orange bands and diamond.	Private aid.
27470	<i>Unalaska Channel Lighted Buoy 5</i>	53-52-35.983N 166-32-05.184W	FI G 2.5s		4	Green.	
27475	<i>Iliuliuk Reef Lighted Buoy 6</i>	53-52-38.617N 166-32-02.571W	FI R 4s		4	Red.	
<b>Iliuliuk Harbor</b>							
27480	- 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011, 16013)</b>							
<b>Iliuliuk Harbor</b>							
27500	- South Channel Daybeacon 13	53-52-31.820N 166-32-59.348W				SG on pile structure.	
<b>ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011, 16013)</b>							
<b>Iliuliuk Harbor</b>							
27500.1	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	Q W	13	5	NR on spindle.	
<b>ALASKA - Seventeenth District</b>							
<b>ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011, 16013)</b>							
<b>Iliuliuk Harbor</b>							
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.	
<b>Unalaska Bay</b>							
27500.75	<i>Eider Point Lighted Buoy EP</i>	53-56-52.140N 166-35-15.633W	Q R			Red.	
27501	<i>Hog Island Lighted Buoy HI</i>	53-55-13.490N 166-34-10.068W	FI (2+1)G 6s		3	Green and red bands.	
27502	<i>Hog Island Lighted Buoy 3</i>	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.	
<b>Captains Bay</b>							
27504	<i>South Amaknak Rocks Lighted Buoy 5</i>	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	<i>Swallow Reef Lighted Buoy 6</i>	53-50-36.375N 166-35-33.241W	FI R 4s		3	Red.	
27510	<i>NOAA Data Lighted Buoy 46072</i>	51-39-36.625N 172-03-51.496W	FI (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
<b>ALEUTIAN ISLANDS (Chart 16012)</b>							
<b>Adak Island</b>							
27515	<i>Kuluk Shoal Lighted Bell Buoy 2</i>	51-54-40.348N 176-30-34.767W	FI R 6s		4	Red.	
27520	<i>Finger Shoal Lighted Bell Buoy 3</i>	51-51-42.836N 176-34-11.150W	FI G 2.5s		4	Green.	
27525	GANNET ROCKS LIGHT 4	51-52-00.928N 176-36-32.427W	FI R 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.	
<b>Sweeper Cove</b>							
27530	- ENTRANCE LIGHT 5	51-51-27.662N 176-35-31.057W	FI G 6s	55	5	SG on skeleton tower.	
27535	- JETTY LIGHT 6	51-51-35.410N 176-37-46.796W	FI R 6s	41	5	TR on spindle.	
27540	- LIGHT 7	51-51-15.136N 176-37-44.920W	FI G 4s	75	3	SG on skeleton tower.	
27542	- RANGE FRONT LIGHT	51-51-09.095N 176-39-15.042W	Q G	36		KRW on multi-pile structure.	
27543	- 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	<i>NOAA Data Lighted Buoy 46071</i>	51-07-28.506N 179-00-44.358E	FI (4)Y 20s			Yellow disc shaped hull.	Position approximate. 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
<b>ALASKA - Seventeenth District</b>							
<b>ALASKA PENNINSULA AND ALEUTAN ISLANDS (Chart 16011)</b>							
<b>Bristol Bay</b>							
27553	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.	
<b>Port Moller</b>							
27565	- Entrance Buoy 2	55-59-55.810N 160-38-47.659W				Red ice buoy.	Year round unlighted buoy.
27570	- Entrance Buoy 3	55-59-35.662N 160-37-14.633W				Green Ice Buoy.	Year round unlighted buoy.
27575	- LIGHT 5	55-58-40.644N 160-34-59.160W	FI G 2.5s	18	4	SG on skeleton tower.	
27580	Harbor Spit Daybeacon	55-54-47.224N 160-34-46.467W				NR on skeleton tower.	
<b>Herendeen Bay</b>							
<b>Hague Channel</b>							
27590	- Buoy 4	55-58-05.934N 160-39-27.764W				Red ice buoy.	Year round unlighted buoy.
27595	- Buoy 5	55-57-55.381N 160-38-17.948W				Green ice buoy.	Year round unlighted buoy.
27600	- Buoy 6	55-56-20.275N 160-42-12.352W				Red ice buoy.	Year round unlighted buoy.
27605	- Buoy 7	55-56-05.170N 160-41-37.483W				Green ice buoy.	Year round unlighted buoy.
27610	- Buoy 8	55-53-50.301N 160-47-24.716W				Red ice buoy.	Year round unlighted buoy.
27615	- Buoy 9	55-53-37.596N 160-47-08.782W				Green ice buoy.	Year round unlighted buoy.
<b>BERING SEA (Eastern Part) (Chart 16006)</b>							
<b>Bristol Bay</b>							
27760 1255	SMOKY POINT LIGHT	57-36-44.423N 157-41-25.964W	FI W 4s	40	6	NR on skeleton tower.	
<b>Kvichak Bay</b>							
<b>Naknek River</b>							
27783	SOUTH NAKNEK CITY DOCK EAST LIGHT	58-43-14.220N 156-59-07.860W	FI R 6s	34		On dock.	Private aid.
27784	SOUTH NAKNEK CITY DOCK WEST LIGHT	58-43-13.560N 156-59-09.660W	FI R 6s	34		On dock.	Private aid.
27785	Naknek Entrance Daybeacon 1	58-43-20.315N 157-02-54.647W				SG on skeleton tower.	
<b>Kvichak Bay</b>							
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 Oct 1. Aid maintained by Private aid.
27800.1	Igiugig RivGen Obstruction Buoy B	59-19-28.380N 155-54-55.140W				Polyform Buoy.	Maintained from Jun 1 to Oct 1. Aid maintained by Private aid.
27800.2	Igiugig RivGen Obstruction Buoy A	59-19-28.260N 155-54-54.540W				Polyform Buoy.	Maintained from Jun 1 to Oct 1. Aid maintained by Private aid.
<b>Nushagak Bay</b>							
27810	EKUK RANGE FRONT LIGHT	58-47-56.227N 158-33-15.749W	Q W	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.
<b>Pribilof Islands</b>							
27820	MXAK ST George 2 ASTA	56-35-58.319N 169-32-29.879W					AIS transceiver. MMSI: 993032055 Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>BERING SEA (Eastern Part) (Chart 16006)</b>							
<b>Pribilof Islands</b>							
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	Q Y	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	FI R 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.
<b>Kuskokwim Bay</b>							
<i>Buoys maintained from June 1 to Oct. 1.</i>							
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	59-46-51.426N 162-19-31.358W				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.
27842	- Buoy 10	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.
<b>Kuskokwim River</b>							
27844	- Buoy 13	59-57-45.068N 162-20-16.157W				Green can.	Maintained from June 1 to October 1.
27844.5	- Buoy 15	59-58-45.189N 162-23-40.512W				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.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>BERING SEA (Eastern Part) (Chart 16006)</b>							
<b>Kuskokwim River</b>							
27845.7	- Buoy 20	60-06-43.633N 162-28-01.657W				Red nun.	Maintained from June 1 to October 1.
27846.2	- Buoy 22	60-09-13.164N 162-24-19.210W				Red nun.	Maintained from June 1 to October 1.
27846.5	- Buoy 23	60-11-25.976N 162-21-23.277W				Green can.	Maintained from June 1 to October 1.
27847	- Buoy 25	60-13-20.736N 162-20-45.622W				Green can.	Maintained from June 1 to October 1.
27847.5	- Buoy 27	60-14-53.597N 162-23-21.257W				Green can.	Maintained from June 1 to October 1.
27848	- Buoy 29	60-16-50.371N 162-28-38.299W				Green can.	Maintained from June 1 to October 1.
27848.2	- Buoy 30	60-18-56.475N 162-30-30.550W				Red nun.	Maintained from June 1 to October 1.
27848.7	- Buoy 32	60-20-12.867N 162-30-12.440W				Red nun.	Maintained from June 1 to October 1.
27849.2	- Buoy 34	60-20-48.081N 162-29-25.454W				Red nun.	Maintained from June 1 to October 1.
27849.7	- Buoy 36	60-21-09.125N 162-27-49.800W				Red nun.	Maintained from June 1 to October 1.
27850	- Buoy 37	60-20-51.640N 162-22-13.784W				Green can.	Maintained from June 1 to October 1.
27850.5	- Buoy 39	60-21-29.497N 162-20-46.435W				Green can.	Maintained from June 1 to October 1.
27851	- Buoy 41	60-22-17.674N 162-20-31.363W				Green can.	Maintained from June 1 to October 1.
27851.2	- Buoy 42	60-23-39.582N 162-21-26.803W				Red nun.	Maintained from June 1 to October 1.
27851.7	- Buoy 44	60-24-52.007N 162-22-01.611W				Red nun.	Maintained from June 1 to October 1.
27852	- Buoy 45	60-25-30.851N 162-21-35.741W				Green can.	Maintained from June 1 to October 1.
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	60-27-47.069N 162-18-26.981W				Green can.	Maintained from June 1 to October 1.
27853	- Buoy 49	60-28-25.406N 162-17-21.534W				Green can.	Maintained from June 1 to October 1.
27853.2	- Buoy 50	60-30-39.037N 162-17-56.545W				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	60-31-18.219N 162-17-38.720W				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
<b>ALASKA - Seventeenth District</b>							
<b>BERING SEA (Eastern Part) (Chart 16006)</b>							
<b>Kuskokwim River</b>							
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	60-33-00.442N 162-14-50.930W				Green can.	Maintained from June 1 to October 1.
27855.2	- Buoy 58	60-34-12.370N 162-14-09.073W				Red nun.	Maintained from June 1 to October 1.
27855.7	- Buoy 60	60-35-08.751N 162-14-51.272W				Red nun.	Maintained from June 1 to October 1.
27856.2	- Buoy 62	60-35-27.502N 162-13-13.742W				Red nun.	Maintained from June 1 to October 1.
27856.4	- Buoy 63	60-35-52.312N 162-13-39.122W				Green can.	Maintained from June 1 to October 1.
27856.5	- Buoy 65	60-36-01.492N 162-12-41.264W				Green can.	Maintained from June 1 to October 1.
27857	- Buoy 66	60-37-11.728N 162-11-28.064W				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	Fl 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	Fl 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	Fl W 2.5s	18	8	NR on skeleton tower.	Maintained from July 1 to Nov. 1. Ra ref.
27870 1305	YUKON RIVER MIDDLE ENTRANCE LIGHT	63-04-25.205N 164-38-01.726W	Fl 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	Fl (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	Fl 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	Fl W 6s	19	8	NR on skeleton tower.	Obscured from 286° to 161°. Maintained from July 1 to Nov. 1. Ra ref.
<b>Norton Sound</b>							
27895 1315	POINT ROMANOF LIGHT	63-11-59.484N 162-50-00.403W	Fl 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	Fl W 4s	200	6	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
<b>ALASKA - Seventeenth District</b>							
<b>BERING SEA (Eastern Part) (Chart 16006)</b>							
<b>Norton Sound</b>							
27905	WHALE ISLAND LIGHT	63-29-27.229N 161-59-50.288W	Fl 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	Fl W 6s	90	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27915	Unalakleet River Buoys (About 6) Marks channel into Unalakleet.	63-52-57.420N 160-47-09.009W				Red nuns or green cans.	Maintained from June 1 to Nov. 1.
27920	UNALAKLEET RIVER SOUTH SPIT LIGHT	63-52-03.597N 160-47-15.737W	Fl 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	Fl 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.
<b>Golovnin Bay</b>							
27955 1335	ROCKY POINT LIGHT	64-23-52.920N 163-08-59.704W	Fl W 2.5s	175	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
<b>Nome Harbor</b>							
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	Fl R 4s	20	3	On spindle.	Maintained from July 1 to Nov. 1.
27963	- ENTRANCE LIGHT 1	64-29-33.574N 165-26-22.719W	Fl 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.
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	Q Y	66		KRW on skeleton tower.	Visible 4° each side of rangeline.
<b>BERING SEA (Eastern Part) (Chart 16006)</b>							
27975 1350	POINT SPENCER LIGHT	65-16-37.905N 166-50-56.338W	Fl W 6s	22	7	NR on skeleton tower.	Maintained from Jul. 1 to Nov. 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ALASKA - Seventeenth District</b>							
<b>BERING SEA (Eastern Part) (Chart 16006)</b>							
27980	GRANTLEY HARBOR LIGHT 1	65-16-36.541N 166-20-51.652W	Fl 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.
<b>CAPE PRINCE OF WALES TO POINT BARROW (Chart 16005)</b>							
<b>Kotzebue Sound</b>							
27985	CAPE ESPENBERG LIGHT	66-33-26.818N 163-36-29.136W	Fl 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	Fl 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	Fl W 6s	17	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
<b>CAPE PRINCE OF WALES TO POINT BARROW (Chart 16005)</b>							
28000.1	COMINCO RED DOG FRONT LIGHT	67-34-32.460N 164-03-49.780W	Fl W 2s	80		On pier.	Private aid.
28000.2	COMINCO RED DOG REAR LIGHT	67-34-39.560N 164-03-20.180W	Fl W 10s	112		On tower.	Private aid.
28000.4	POINT HOPE LIGHT	68-19-55.066N 166-31-30.716W	Fl 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.
<b>POINT BARROW TO HERSCHEL ISLAND (Chart 16004)</b>							
28001	OOOGURUK ARTIFICIAL ISLAND LIGHTS (4)	70-29-45.000N 150-14-48.000W	Q W	20		On each corner of island.	Maintained from July 1 to Oct 1. Private aid.
28002	<i>West Dock Safe Water Lighted Buoy</i>	70-24-31.800N 148-32-27.000W	Q G			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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>Hawaiian Islands Southern Part (Chart 19010)</b>							
28005	NOAA Data Lighted Buoy 51004	17-32-00.000N 152-15-18.000W	Fl (4)Y 20s				Private aid.
<b>PACIFIC OCEAN - Fourteenth District</b>							
<b>HAWAIIAN ISLANDS (Chart 504)</b>							
28005.1	NOAA Data Lighted Buoy 51002	17-02-35.000N 157-44-30.000W	Fl (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	Fl Y 4s				Private aid.
28005.5	NOAA DART Data Lighted Buoy 51407	19-38-31.000N 156-30-56.000W	Fl (4)Y 20s				Private aid.
28005.7	NOAA Data Lighted Buoy 51003	19-11-46.000N 160-38-19.000W	Fl (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	Fl (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	Fl (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	Fl (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration. Private aid.
<b>HAWAII - Fourteenth District</b>							
<b>HAWAIIAN ISLANDS (Chart 504)</b>							
28006.5	UH WHOTS Site Lighted Buoy	22-40-00.000N 157-57-00.000W	Fl Y 4s				Private aid.
<b>HAWAIIAN ISLANDS (Chart 504)</b>							
<b>Hawaiian Islands (Chart 19004)</b>							
28007	FAD Site HK - Hakalau, Hawaii	19-58-36.000N 154-59-00.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.01	FAD Site G - Pepeekeo, Hawaii	19-51-12.000N 154-54-24.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.03	FAD Site E - Lelewi, Hawaii	19-46-06.000N 154-54-48.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.05	FAD Site D - Kumakahi, Hawaii	19-37-30.000N 154-46-42.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.07	FAD Site KH - Kehena, Hawaii	19-20-54.000N 154-52-48.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.09	FAD Site SS - Apua Point, Hawaii	19-06-48.000N 155-14-30.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.11	FAD Site RN - Palima Point, Hawaii	19-04-54.000N 155-25-30.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.13	FAD Site A - South Point, Hawaii	18-57-21.000N 155-33-24.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.15	FAD Site TT - Kanewaa Point, Hawaii	19-04-36.000N 155-57-24.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.17	FAD Site B - Milolii, Hawaii	19-11-54.000N 155-56-54.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.19	FAD Site UU - Auau Point, Hawaii	19-16-48.000N 155-57-06.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.21	FAD Site C - Loa Point, Hawaii	19-23-06.000N 155-59-12.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.22	FAD Site WH1	19-23-25.000N 156-16-50.000W	Fl Y 4s				Private aid.
28007.23	FAD Site V V - Kahaluu, Hawaii	19-35-06.000N 156-01-54.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.25	FAD Site F - Kailua Kona, Hawaii	19-30-24.000N 156-09-24.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.27	FAD Site OT - Waikoloa, Hawaii	19-52-36.000N 156-11-36.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAIIAN ISLANDS (Chart 504)</b>							
<b>Hawaiian Islands (Chart 19004)</b>							
28007.29	FAD Site XX - Puako, Hawaii	20-02-12.000N 156-06-12.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.31	FAD Site ZZ - Mahukona, Hawaii	20-09-50.000N 155-57-50.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.33	FAD Site DD - Opana Point, Maui	21-02-06.000N 156-15-24.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.35	FAD Site Q - Pauwela Point, Maui	21-08-30.000N 156-07-42.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.37	FAD Site HO - Hoolawa Point, Maui	20-56-24.000N 156-00-48.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28007.39	FAD SITE MFH1	21-17-30.000N 156-16-00.000W	Fl Y 4s			Yellow skiff	Private aid.
28007.4	FAD SITE MTBC 1	21-20-00.000N 156-28-48.000W	F Y				Private aid.
28007.41	FAD SITE MFH2	21-11-04.999N 155-50-00.499W	Fl Y 4s			Yellow skiff	Private aid.
28007.42	FAD SITE MTBC 2	21-13-47.400N 156-02-32.000W	F Y				Private aid.
28007.43	PacIOOS Wave Lighted Buoy Pauwela	21-01-04.800N 156-25-30.000W	Fl Y 5s			Datawell Waverider Buoy. Yellow hull with light antenna 6ft above waterline.	Private aid.
28008	FAD Site FF - Pukaulua Point, Maui	20-50-07.200N 155-43-54.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.01	FAD Site M - Hana Bay, Maui	20-44-54.000N 155-50-30.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.03	FAD Site NL - Nuu Landing, Maui	20-32-54.000N 156-09-30.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.05	FAD Site GG - Nakaohu Point, Maui	20-32-00.000N 156-16-00.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.07	FAD Site HS - Halona Point - Kahoolawe	20-27-00.000N 156-29-06.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.09	FAD Site JJ - Kamohio, Kahoolawe	20-24-12.000N 156-38-00.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.11	FAD Site SO - Kahoolawe	20-31-24.000N 156-52-18.000W	Fl (5)Y 20s			Yellow spherical buoy.	Private aid.
28008.15	FAD Site K - Palaoa, Lanai	20-40-06.000N 157-02-36.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.17	FAD Site MC - Palaoa, Lanai	20-35-54.000N 157-08-30.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.19	FAD Site CC - Kaena Point, Lanai	20-55-18.000N 157-10-42.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.21	FAD Site N - Cape Halawa, Molokai	21-20-54.000N 156-35-00.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.23	FAD Site X - Kahuku Point, Oahu	21-51-48.000N 157-59-36.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.25	FAD site LL Hauula - Oahu	21-45-22.440N 157-45-16.620W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.27	FAD Site U - Kaneohe, Oahu	21-34-54.000N 157-41-30.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.29	FAD Site MM - Mokapu Point, Oahu	21-36-24.000N 157-31-12.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.31	FAD Site T - Makapuu, Oahu	21-30-12.000N 157-25-48.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.33	FAD Site P - Penguin Bank, Oahu	20-46-24.000N 157-48-42.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28008.35	FAD Site HH - Pearl Harbor, Oahu	21-02-06.000N 158-02-06.000W	Fl Y 4s			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	Fl Y 4s			Yellow spherical buoy.	Private aid.
28009.01	FAD Site R - Makaha, Oahu	21-27-30.000N 158-16-54.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAIIAN ISLANDS (Chart 504)</b>							
<b>Hawaiian Islands (Chart 19004)</b>							
28009.03	FAD Site V - Makua, Oahu	21-32-18.000N 158-18-48.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28009.05	FAD Site CO - Kaena Point, Oahu	21-33-42.000N 158-26-48.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28009.07	FAD Site II - Haleiwa, Oahu	21-44-48.000N 158-13-18.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28009.09	FAD Site J - Wailalee, Oahu	21-50-00.000N 158-08-48.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28009.11	FAD Site EK - Hanalei, Kauai	22-19-36.000N 159-29-30.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28009.13	FAD Site BB - Moloaa, Kauai	22-13-36.000N 159-13-54.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28009.15	FAD Site DK - Anahola, Kauai	22-07-30.000N 159-13-42.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28009.17	FAD Site WK - Wailua, Kauai	22-01-18.000N 159-12-54.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28009.19	FAD Site Z - Kipukai, Kauai	21-52-30.000N 159-18-30.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28009.21	FAD Site CK - Makahuena Point, Kauai	21-48-24.000N 159-21-30.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28009.23	FAD Site PP - Koloa, Kauai	21-47-42.000N 159-34-12.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28009.25	FAD Site AA - Port Allen, Kauai	21-49-18.000N 159-36-36.000W	Fl Y 4s			Yellow spherical buoy.	Private aid.
28009.27	FAD Site KK - Waimea, Kauai	21-51-54.000N 159-43-54.000W					Private aid.
<b>HAWAII - Fourteenth District</b>							
<b>ISLAND OF HAWAII (Chart 19320)</b>							
28010	Kauhola Point Light	20-14-46.649N 155-46-17.206W	Fl W 15s	108	10	White monopole 86	Obscured from 306° to 101°.
28015	KUKUIHALE 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	Fl W 2.5s	39	7	NB on post.	
28021	LAUPAHOEHOE HARBOR BREAKWATER LIGHT 2	19-59-30.324N 155-14-23.422W	Fl R 4s	27	4	TR on post.	
28025	Pepeskeo Point Light	19-50-50.110N 155-04-57.636W	Fl W 4s	147	12	NB on steel monopole. 72	
28030	PAUKAA POINT LIGHT	19-45-44.020N 155-05-23.142W	Fl G 6s	145	9	White pyramidal concrete tower.	Obscured from 350° to 190°.
<b>Hilo Harbor</b>							
28035	- Entrance Lighted Buoy 1	19-44-33.587N 155-04-47.123W	Fl G 2.5s		5	Green.	AIS: MMSI 993699986
28040	- BREAKWATER LIGHT	19-44-34.225N 155-04-30.070W	Fl 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	Fl Y 4s				Private aid.
<b>ISLAND OF HAWAII (Chart 19320)</b>							
28053	PaciOOS Wave Lighted Buoy Hilo	19-46-48.000N 154-58-12.000W	Fl Y 5s			Datawell Waverider Buoy. Yellow hull with light antenna 6ft above waterline.	Private aid.
<b>Hilo Harbor</b>							
28055	- Lighted Buoy 3	19-44-12.488N 155-04-32.422W	Q G		4	Green.	AIS: MMSI 993699985
28060	- RANGE FRONT LIGHT	19-43-56.906N 155-03-12.261W	Q G	71		KRW on post.	Visible 4° each side of rangeline. Lighted throughout 24 hours. AIS: MMSI 993699977

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>ISLAND OF HAWAII (Chart 19320)</b>							
<b>Hilo Harbor</b>							
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	- <i>Lighted Buoy 4</i>	19-44-00.889N 155-04-05.022W	FI R 4s		4	Red.	AIS: MMSI 993699984
28075	- <i>Lighted Buoy 5</i>	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	- <i>Lighted Buoy 7</i>	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	- <i>Lighted Buoy 9</i>	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
<b>ISLAND OF HAWAII (Chart 19320)</b>							
28125	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	FI R 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°.
<b>Keauhou Bay</b>							
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.
<b>ISLAND OF HAWAII (Chart 19320)</b>							
28176	<i>Kampachi Farm Lighted Buoy 1</i>	19-33-00.000N 156-04-00.000W	FI Y 5s				Private aid.
28176.1	<i>Kampachi Farm Lighted Buoy 2</i>	19-33-00.000N 156-04-00.000W	FI Y 5s				Private aid.
<b>HAWAII - Fourteenth District</b>							
<b>ISLAND OF HAWAII (Chart 19320)</b>							
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	<b>Kailua Light</b>	19-38-16.150N 156-00-03.249W	FI W 6s	32	13	White pyramidal concrete tower. 16	Obscured from 120° to 263°.
<b>Honokohau Harbor</b>							
28190	- <i>Approach Lighted Buoy 1</i>	19-40-05.912N 156-01-52.181W	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.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>ISLAND OF HAWAII (Chart 19320)</b>							
<b>Honokohau Harbor</b>							
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	FI R 4s	25	5	TR on post.	
28210	- Channel Daybeacon 5	19-40-09.771N 156-01-33.202W				SG on pile.	
28213	<i>Aqualink Lighted Buoy Kona</i>	19-43-39.000N 156-03-43.000W	FI Y 4s				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>Hawaiian Islands (Chart 19004)</b>							
28216.1	<i>Keahole Point Warning Lighted Buoy A</i>	19-44-47.000N 156-03-42.000W	Q W				Private aid.
28216.2	<i>Keahole Point Warning Light Buoy B</i>	19-44-34.000N 156-03-34.000W	Q W				Private aid.
28216.3	<i>Keahole Point Warning Lighted Buoy C</i>	19-44-23.000N 156-03-42.000W	Q W				Private aid.
28216.4	<i>Keahole Point Warning Lighted Buoy D</i>	19-44-35.000N 156-03-53.000W	Q W				Private aid.
<b>HAWAII - Fourteenth District</b>							
<b>ISLAND OF HAWAII (Chart 19320)</b>							
<b>Honokohau Harbor</b>							
28217	<i>Kiholo Water Quality Buoy</i>	19-51-36.000N 155-55-48.000W	FI Y 4s				Private aid.
<b>Kawaihae Bay</b>							
<b>Puako Small Boat Harbor</b>							
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.
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.	
<b>Kawaihae Light Draft Harbor</b>							
28271	Kawaihae LT Draft Harbor Buoy 2	20-01-18.690N 155-49-54.030W					Aid maintained by State DOT Private aid.
28271.05	<i>Kawaihae LT Draft Harbor Water Quality Lighted Buoy</i>	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Kawaihae Light Draft Harbor</b>							
28271.4	- Breakwater Daybeacon 8 20-01-39.671N 155-49-41.495W	20-01-39.704N 155-49-41.585W				TR on pile.	
<b>HAWAII - Fourteenth District</b>							
<b>ISLAND OF HAWAII (Chart 19320)</b>							
<b>Kawaihae Bay</b>							
<b>Kawaihae Harbor</b>							
28275	- 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	FI R 4s		4	Red.	
28285	- CHANNEL RANGE FRONT LIGHT	20-02-05.737N 155-49-38.454W	Q G	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.	
<b>HAWAII TO OAHU (Chart 19340)</b>							
<b>Maui Island</b>							
28330	NAKALELE POINT LIGHT	21-01-44.679N 156-35-25.742W	FI W 2.5s	142	6	NB on pile.	Obscured from 301° to 106°.
28335	Waihee Reef Lighted Buoy 2	20-55-42.768N 156-28-30.933W	FI R 4s		4	Red.	
<b>Kahului Harbor</b>							
28340	- ENTRANCE RANGE FRONT LIGHT	20-53-26.812N 156-28-19.606W	F R	49		KRW on post.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28345	- ENTRANCE RANGE REAR LIGHT 454 yards, 176.8° from front light.	20-53-13.337N 156-28-18.826W	F R	91		KRW on post.	Visible 4° each side of rangeline. 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	20-53-49.183N 156-28-29.133W	Q R		3	Red nun.	
28370	- Lighted Buoy 8	20-53-42.579N 156-28-25.734W	FI R 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	FI R 4s		4	Red.	
<b>Kahului Boat Ramp</b>							
28380.5	- 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.
<b>Kahului Boat Ramp</b>							
28381.1	- Buoy 1	20-53-47.000N 156-28-32.000W					Aid maintained by State DOT Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Kahului Boat Ramp</b>							
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.
<b>HAWAII - Fourteenth District</b>							
<b>HAWAII TO OAHU (Chart 19340)</b>							
<b>Maui Island</b>							
28385	<b>Pauwela Point Light</b>	20-56-44.068N 156-19-16.857W	Fl W 15s	161	12	White Post. 40	
28390	KAUIKI HEAD LIGHT	20-45-25.553N 155-58-46.559W	Fl 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	<i>FAD Site HC"1" - Hana, Maui</i>	20-37-18.000N 155-52-17.760W	Q Y			Yellow raft.	Private aid.
28405	HANAMANIOA POINT LIGHT	20-34-59.995N 156-24-43.410W	Fl W 4s	73	8	NB on post.	Obscured from 124° to 290°.
28410	MOLOKINI ISLAND LIGHT	20-37-50.043N 156-29-50.960W	Fl W 2.5s	186	6	NR on post.	
<b>Kihei Boat Ramp</b>							
28411.1	- Daybeacon 1	20-42-30.000N 156-26-48.000W				SG on pile.	Private aid.
28411.2	- Daybeacon 2	20-42-30.000N 156-26-48.000W				TR on pile.	Private aid.
28411.3	- Daybeacon 3	20-42-30.000N 156-26-48.000W				SG on pile.	Private aid.
28411.4	- Daybeacon 4	20-42-30.000N 156-26-48.000W				TR on pile.	Private aid.
28411.5	- Daybeacon 5	20-42-30.000N 156-26-48.000W				SG on pile.	Private aid.
<b>Maui Island</b>							
28415	<b>McGregor Point Light</b>	20-46-38.945N 156-31-22.585W	Iso G 6s	72	10	On white tower. 20	Obscured from 082° to 221°.
<b>Maalaea Basin</b>							
28420	- RANGE FRONT LIGHT	20-47-31.251N 156-30-40.685W	Q R	27		KRW on post.	Visible 4° each side of rangeline. Lighted during periods of darkness only.
28425	- RANGE REAR LIGHT 71 yards, 338.4° from front light.	20-47-33.211N 156-30-41.603W	Iso R 6s	44		KRW on post.	Visible 4° each side of rangeline. Lighted during periods of darkness only.
28427	- Channel Lighted Buoy 1	20-47-25.330N 156-30-38.660W	Fl G 15s				Private aid.
28430	- Channel Lighted Buoy 2	20-47-25.330N 156-30-36.230W	Fl R 15s				Private aid.
28440	Maalaea East Basin Buoy 4	20-47-40.000N 156-30-48.000W				Red nun.	Private aid.
<b>Lahaina</b>							
28455	- CG Mooring Buoy	20-51-44.659N 156-40-54.207W					White with blue band.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>HAWAII TO OAHU (Chart 19340)</b>							
<b>Maui Island</b>							
<b>Lahaina</b>							
28460	- LIGHT	20-52-19.828N 156-40-43.081W	FI R 6s	44	7	White pyramidal concrete tower.	Obscured from 142° to 333°.
28465	- Entrance Lighted Buoy L	20-52-05.546N 156-40-59.968W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
<b>Lahaina Boat Basin</b>							
28470	- RANGE FRONT LIGHT	20-52-20.847N 156-40-43.669W	Q G	14		KRW on post.	Visible 4° each side of rangeline. Lighted throughout 24 hrs.
28475	- RANGE REAR LIGHT 42 yards, 044° from front light.	20-52-21.754N 156-40-42.736W	Iso G 6s	24		KRW on post.	Visible 4° each side of rangeline. Lighted throughout 24 hrs.
28476	- Lighted Buoy 1	20-52-13.665N 156-40-52.110W	FI G 4s		4	Green.	
28477	- Lighted Buoy 2	20-52-13.173N 156-40-50.730W	FI R 4s		4	Red.	
28480	- Lighted Buoy 3	20-52-16.000N 156-40-50.340W	FI G 4s			Green.	Private aid.
28485	- Lighted Buoy 4	20-52-16.200N 156-40-48.240W	FI R 4s			Red.	Private aid.
28490	- Lighted Buoy 5	20-52-17.820N 156-40-47.400W	FI G 4s			Green.	Private aid.
28495	- Lighted Buoy 6	20-52-17.400N 156-40-46.740W	FI R 4s			Red.	Private aid.
28500	- Lighted Buoy 7	20-52-18.000N 156-40-42.000W	FI G 4s			Green.	Private aid.
28505	- Lighted Buoy 8	20-52-18.480N 156-40-45.720W	FI R 4s			Red.	Private aid.
<b>Mala Channel</b>							
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	FI R 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	FI R 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	FI R 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.
<b>Maui Island</b>							
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°.
<b>Lanai Island</b>							
28520	POHAKULOA POINT LIGHT	20-55-44.618N 156-59-15.613W	FI W 6s (R sector)	30	W 8 R 6	NB on spindle.	Red from 268.5° to 276.5°.
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 above waterline.	Private aid.
28530	Manele Bay Lighted Buoy 2	20-44-18.775N 156-52-50.172W	FI R 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.	
<b>Manele Small Boat Harbor</b>							
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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>HAWAII TO OAHU (Chart 19340)</b>							
<b>Lanai Island</b>							
<b>Manele Small Boat Harbor</b>							
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.
<b>Lanai Island</b>							
28554	PALAOA POINT LIGHT	20-43-56.467N 156-57-53.541W	Fl W 6s (R sector)	91	W 7 R 5	On white skeleton tower.	Red from 260° to 280°. Covers rocks off of Puupepe Point.
<b>Kaunapau Harbor</b>							
28555	KAUNALAPAU LIGHT	20-46-58.961N 156-59-29.644W	Fl W 4s	68	5	NB on post.	Obscured from 180° to 000°.
28556	<i>Moby Lighted Buoy 2</i> new site to establish buoy	20-42-49.800N 157-09-10.800W	Fl Y 6s			yellow lighted buoy	Establish around Nov 2020 Private aid.
28560	- <i>Entrance Lighted Buoy 1</i>	20-47-06.825N 156-59-32.832W	Fl 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.	
<b>Molokai Island</b>							
28575	<b>Molokai Light</b>	21-12-34.302N 156-58-10.820W	Fl W 10s (NIGHT) Fl W 10s	213 213	13 8	On white tower. 138	
28576	CAPE HALAWA LIGHT	21-09-32.749N 156-42-45.499W	Fl W 2.5s	321	6	Steel pole on concrete base.	Obscured from 350° to 140°.
28585	<i>Kamalo Bay Reef Lighted Buoy 2</i> Marks entrance to Kamalo Bay.	21-01-53.919N 156-52-33.966W	Fl R 4s		4	Red.	
<b>Kaunakakai Harbor (Chart 19353)</b>							
28600	<i>Kaunakakai Harbor Lighted Buoy 2</i>	21-04-34.498N 157-01-52.543W	Fl R 4s		4	Red.	
28605	KAUNAKAKAI HARBOR RANGE FRONT LIGHT	21-05-15.899N 157-01-29.404W	Q R	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	<i>Kaunakakai Harbor Lighted Buoy 3</i>	21-04-39.380N 157-01-57.418W	Fl 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.	
<b>Kaunakakai Small Boat Harbor</b>							
28630	- 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>HAWAII TO OAHU (Chart 19340)</b>							
<b>Molokai Island</b>							
<b>Kaunakakai Small Boat Harbor</b>							
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	Lono Harbor Range Rear Daybeacon	21-05-14.340N 157-14-59.820W				KWR on post.	Private aid.
28670	LAAU POINT LIGHT	21-05-58.937N 157-18-18.467W	Fl W 2.5s	151	7	NB on spindle.	Obscured from 189° to 286°.
<b>O'ahu East Coast Kane'ohe Bay (Chart 19359)</b>							
<b>Mokapu Peninsula</b>							
28672	<i>PacIOOS Wave Lighted Buoy Kaneohe East</i>	21-28-38.845N 157-45-15.332W	Fl Y 5s			3'X3' Yellow Datawell Waverider Buoy	Private aid.
28673	<i>PacIOOS Wave Lighted Buoy Kaneohe West</i>	21-28-38.500N 157-45-20.770W	Fl Y 5s			3'X3' Yellow Datawell Waverider Buoy	Private aid.
<b>O'ahu East Coast Kane'ohe Bay (Chart 19359)</b>							
28674.01	WETS 1	21-28-27.200N 157-45-07.800W	Fl Y 4s				Private aid.
28674.02	WETS 2	21-28-33.200N 157-45-14.600W	Fl Y 4s				Private aid.
28674.03	WETS 3	21-28-23.600N 157-45-16.900W	Fl Y 4s				Private aid.
28674.04	WETS 4	21-28-43.200N 157-45-34.000W	Fl Y 4s				Private aid.
28674.05	WETS 5	21-28-49.400N 157-45-41.700W	Fl Y 4s				Private aid.
28674.06	WETS 6	21-28-39.500N 157-45-44.000W	Fl Y 4s				Private aid.
28674.08	WEC BUOY 1	21-28-00.000N 157-45-00.000W	Fl Y 4s				Private aid.
<b>Mokapu Peninsula</b>							
28675	Pyramid Rock Light	21-27-44.140N 157-45-48.780W	Fl W 6s	101	10	On post on concrete structure with black and white markings. 13	
28675.2	<i>Water Quality Buoy "CRIMP"</i>	21-27-23.000N 157-47-46.000W	Fl Y 4s				Private aid.
28675.3	<i>CRIMP-3</i>	21-28-49.000N 157-46-56.000W	Fl Y 4s				Private aid.
<b>Kaneohe Bay</b>							
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	Fl R 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	Q R	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>O'ahu East Coast Kane'ohe Bay (Chart 19359)</b>							
<b>Kaneohe Bay</b>							
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	FI R 4s	15	4	TR on pile.	
28745	- Channel Daybeacon 15	21-28-13.288N 157-49-34.317W				SG on pile.	
28750	- <i>Channel Lighted Buoy 17</i>	21-27-54.333N 157-49-24.590W	Q G		4	Green.	
28755	- CHANNEL LIGHT 18	21-27-39.726N 157-49-18.838W	FI R 2.5s	15	4	TR on pile.	
28760	- <i>Channel Lighted Buoy 20</i>	21-27-21.809N 157-48-42.903W	FI R 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	Q W	15	4	NW on pile worded DANGER SUBMERGED REEF.	
28775	- CHANNEL LIGHT 22	21-26-44.866N 157-47-38.256W	FI R 4s	15	4	TR on pile.	
28780	- Channel Daybeacon 23	21-26-46.338N 157-47-27.129W				SG on pile.	
28785	- CHANNEL LIGHT 25	21-26-36.627N 157-47-19.690W	Q G	15	4	SG on dolphin.	
28790	- Channel Buoy 26	21-26-13.810N 157-47-12.105W				Red nun.	
<b>Kaneohe Bay Yacht Club</b>							
28791.01	- Buoy A	21-26-02.700N 157-46-08.400W				Yellow Sphere.	Private aid.
28791.02	- Buoy B	21-26-12.900N 157-46-27.900W				Yellow Sphere.	Private aid.
28791.03	- Buoy C	21-26-27.500N 157-47-02.500W				Yellow Sphere.	Private aid.
28791.04	- Buoy D	21-26-01.500N 157-47-02.200W				Yellow Sphere.	Private aid.
28791.05	- Buoy E	21-25-54.700N 157-46-58.500W				Yellow Sphere.	Private aid.
28791.06	- Buoy F	21-25-41.500N 157-47-16.200W				Yellow Sphere.	Private aid.
28791.07	- Buoy G	21-25-19.900N 157-46-59.800W				Yellow Sphere.	Private aid.
28791.08	- Buoy H	21-25-08.300N 157-46-51.400W				Yellow Sphere.	Private aid.
28791.09	- <i>Outer Channel Red Marker Lighted Buoy</i>	21-25-06.200N 157-46-27.600W	Q R				Private aid.
28791.11	- <i>Outer Channel Green Marker Lighted Buoy</i>	21-25-09.700N 157-46-27.000W	Q G				Private aid.
28791.12	- Green Buoy 1	21-25-34.400N 157-46-25.700W					Private aid.
28791.13	- Green Buoy 3	21-25-27.600N 157-46-20.900W					Private aid.
28791.14	- Garbage Can	21-25-25.200N 157-46-16.900W					Private aid.
28791.15	- RANGE FRONT LIGHT	21-25-02.020N 157-45-58.200W	F R	23			Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>O'ahu East Coast Kaneohe Bay (Chart 19359)</b>							
<b>Kaneohe Bay</b>							
<b>Kaneohe Bay Yacht Club</b>							
28791.16	- RANGE REAR LIGHT	21-25-01.090N 157-45-57.100W	F R	30			Private aid.
<b>Heeia Kea Small Boat Harbor</b>							
28795	- Daybeacon 1	21-26-46.284N 157-48-29.155W				SG on pile.	
28800	- LIGHT 2	21-26-53.485N 157-48-33.915W	Iso R 6s	15	5	TR on pile.	
<b>Sampan Channel</b>							
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 157-48-18.309W	Q R	36		KRW on post.	Visible 4° each side of rangeline.
28815	- RANGE REAR LIGHT 482 yards, 217.1° from front light.	21-25-53.854N 157-48-27.571W	Iso R 6s	94		KRW on post.	Visible 4° each side of rangeline.
28820	- Buoy 4	21-27-44.098N 157-47-00.633W				Red nun.	
28825	- LIGHT 5	21-27-24.369N 157-47-09.036W	FI G 2.5s	16	4	SG on pile.	
28830	- Daybeacon 7	21-27-13.422N 157-47-19.440W				SG on pile.	
28835	- Daybeacon 8	21-27-00.488N 157-47-34.423W				TR on pile.	
28840	- Daybeacon 9	21-26-58.941N 157-47-32.287W				SG on multi-pile structure.	
28845	- Junction Buoy S	21-26-54.033N 157-47-41.090W				Green and red bands; can.	
<b>Kaneohe Bay Utility Channel</b>							
28850	- Buoy 2	21-27-08.271N 157-47-00.017W				Red nun.	Marks shoal area.
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	<i>Kaneohe Bay Warning Lighted Buoy A</i>	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	F R	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	F R	24		KWR on pile.	Private aid.
<b>OAHU ISLAND (Chart 19357)</b>							
<b>Ulupau Crater Weapons Range Danger Zone</b>							
28885	<i>Mokapu Point Research Lighted Buoy North</i>	21-27-16.020N 157-42-54.972W	FI Y 6s			Yellow, aluminum frame 5.7FT in diameter, 8FT above sea level.	Private aid.
28886	<i>Mokapu Point Research Lighted Buoy South</i>	21-27-03.024N 157-42-55.980W	FI Y 6s			Yellow, aluminum frame 5.7FT in diameter, 8FT above sea level.	Private aid.
28890	<i>PaciOOS Wave Lighted Buoy Mokapu</i>	21-24-54.000N 157-40-41.880W	FI Y 5s				Private aid.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>Southeast Coast of O'ahu Waimānalo Bay to Diamond Head (Chart 19358)</b>							
<b>Waimanalo Bay</b>							
<b>Makai Channel</b>							
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	<b>Makapuu Point Light</b>	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.
<b>Maunalua Bay</b>							
28930	- LIGHT 1	21-16-15.137N 157-42-56.221W	Fl 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.
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.
<b>Kuapa Entrance Channel</b>							
29040	- Buoy 1	21-16-46.620N 157-42-46.980W				Green can.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>Southeast Coast of O'ahu Waimānalo Bay to Diamond Head (Chart 19358)</b>							
<b>Maunalua Bay</b>							
<b>Kuapa Entrance Channel</b>							
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.
<b>O'ahu South Coast Approaches to Pearl Harbor (Chart 19369)</b>							
<b>Kaiser Boat Channel</b>							
29060	<b>Diamond Head Light</b>	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	<i>Diamond Head Reef Lighted Buoy 2</i>	21-14-48.651N 157-48-56.480W	Q R		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.
<b>Ala Wai Boat Harbor</b>							
29090	- Entrance Lighted Buoy 1	21-16-34.548N 157-50-49.219W	Fl G 2.5s		4	Green Can	
29095	- Entrance Lighted Buoy 2	21-16-34.147N 157-50-46.219W	Fl R 2.5s		4	Red nun	
29096	<i>Water Quality Buoy "AW"</i>	21-16-47.000N 157-50-54.000W	Fl Y 4s				Private aid.
29100	- CHANNEL RANGE FRONT LIGHT	21-17-18.000N 157-50-36.000W	F R	30		KRW on post.	Private aid.
29105	- CHANNEL RANGE REAR LIGHT	21-17-19.200N 157-50-36.840W	Q R	48		KRW on post.	Private aid.
29110	- Channel Buoy 3	21-16-48.000N 157-50-46.000W				Green.	Private aid.
29115	- Channel Buoy 4	21-16-47.000N 157-50-43.900W				Red.	Private aid.
29120	- Channel Daybeacon 5	21-16-54.000N 157-50-42.000W				SG on pile.	Private aid.
29125	- Channel Daybeacon 6	21-16-54.000N 157-50-42.000W				TR on pile.	Private aid.
29130	- Channel Daybeacon 7	21-17-06.000N 157-50-42.000W				SG on pile.	Private aid.
29135	- Channel Daybeacon 8	21-17-06.000N 157-50-42.000W				TR on pile.	Private aid.
<b>Kewalo Basin</b>							
29140	- ENTRANCE DIRECTIONAL LIGHT	21-17-38.800N 157-51-28.029W	F R W G	47		On monopole.	FW when on or very near center of channel (033.6 to 034.0); AL WR when right of inbound channel (033.3 to 033.6); FR when further right (032.9 to 033.3); AL WG when left of inbound channel (034.0 to 034.3); FG when further left (034.3 to 034.7)
29150	- Lighted Buoy 1	21-17-16.196N 157-51-45.415W	Fl G 2.5s		4	Green Can	
29155	- Lighted Buoy 2	21-17-15.146N 157-51-43.715W	Fl R 4s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>O'ahu South Coast Approaches to Pearl Harbor (Chart 19369)</b>							
<b>Kewalo Basin</b>							
29156	Water Quality Buoy "KN"	21-17-19.000N 157-51-54.000W	FI Y 4s				Private aid.
29158	- Lighted Buoy 3	21-17-23.359N 157-51-40.288W	FI G 4s		4	Green.	
29160	- Lighted Buoy 4	21-17-23.741N 157-51-37.765W	FI R 2.5s		4	Red nun.	
29165	- Lighted Buoy 6	21-17-30.645N 157-51-32.515W	FI R 2.5s		4	Red nun.	
<b>Island of O'ahu Honolulu Harbor (Chart 19367)</b>							
<b>Honolulu Harbor</b>							
29170	- Entrance Light	21-17-44.748N 157-52-08.527W	FI G 7.5s	95	20	On white post. 82	Visible from 305° to 089°. Lighted throughout 24 hrs.
<b>O'ahu South Coast Approaches to Pearl Harbor (Chart 19369)</b>							
<b>Honolulu Harbor</b>							
29175	- Entrance Lighted Buoy H	21-16-50.939N 157-52-48.096W	Mo (A) W		6	Red and white stripes with red spherical topmark.	AIS: MMSI 993692030
<b>Island of O'ahu Honolulu Harbor (Chart 19367)</b>							
<b>Honolulu Harbor</b>							
29180	- Channel Lighted Buoy 1	21-17-30.046N 157-52-26.812W	FI G 4s		5	Green.	
29185	- ENTRANCE CHANNEL RANGE FRONT LIGHT	21-18-19.144N 157-51-55.886W	F R	46		KRW on concrete structure.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
29190	- ENTRANCE CHANNEL RANGE REAR LIGHT 165 yards, 027.9° from front light.	21-18-23.483N 157-51-53.425W	F R	64		KRW on single pile mast.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
29195	- Channel Lighted Buoy 2	21-17-27.546N 157-52-21.712W	FI R 4s		5	Red.	
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.	
<b>Kalihi Channel</b>							
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	Q G	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	FI R 4s		4	Red.	
29275	- LIGHT 7	21-18-17.304N 157-53-47.481W	Q G	15	4	SG on dolphin.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>Island of O'ahu Honolulu Harbor (Chart 19367)</b>							
<b>Kalihi Channel</b>							
29280	- LIGHT 8	21-18-16.234N 157-53-42.621W	Q R	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	FI R 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.	
<b>Keehi Lagoon</b>							
29315	- BARGE TURNING CHANNEL RANGE FRONT	21-19-47.774N 157-53-57.746W	Q G	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.
<b>O'ahu South Coast Approaches to Pearl Harbor (Chart 19369)</b>							
<b>Hickam Harbor</b>							
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	FI R 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.	
<b>O'ahu South Coast Approaches to Pearl Harbor (Chart 19369)</b>							
29367	Papa Hotel Approach Point V- AIS	21-16-06.033N 157-56-23.090W					AIS: MMSI 993692044
<b>South Coast of Oahu (Chart 19366)</b>							
<b>Pearl Harbor</b>							
29368	<i>PacIOOS Wave Lighted Buoy Pearl Harbor</i>	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	Q R	60		KRW on post.	Visible 4° on either side of rangeline. Operates during periods 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>South Coast of Oahu (Chart 19366)</b>							
<b>Pearl Harbor</b>							
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	FI R 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.	
<b>Pearl Harbor</b>							
29423	- <i>Lighted Buoy 10</i>	21-20-05.313N 157-58-07.960W	FI R 2.5s		4		
<b>HAWAII - Fourteenth District</b>							
<b>South Coast of Oahu (Chart 19366)</b>							
<b>Pearl Harbor</b>							
29425	- <i>Lighted Buoy 11</i>	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	Q R	15	3	TR on multi-pile structure.	
29445	- LIGHT 17	21-21-02.033N 157-58-17.590W	Q G	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.	
29460	- LIGHT 20	21-21-08.457N 157-57-50.311W	FI R 4s	15	4	TR on pile.	
29465	FORD ISLAND JUNCTION LIGHT F	21-21-16.655N 157-57-57.111W	FI (2+1)G 6s	18	4	JG on multi-pile structure. 18	
29470	- LIGHT 23	21-22-02.247N 157-56-51.809W	FI G 2.5s	15	4	SG on pile.	
<b>Pearl Harbor North Channel</b>							
29480	- <i>Lighted Buoy 1</i>	21-21-30.143N 157-58-18.690W	FI G 4s		4	Green.	
29485	- LIGHT 2	21-21-32.253N 157-58-10.210W	FI R 2.5s	15	4	TR on multi-pile structure.	
29490	- LIGHT 4	21-21-41.452N 157-58-11.210W	FI R 4s	15	4	TR on multi-pile structure.	
29495	- <i>Lighted Buoy 6</i>	21-22-24.684N 157-57-20.438W	FI R 6s		4	Red.	
29500	- <i>Lighted Buoy 8</i>	21-22-20.744N 157-56-57.068W	FI R 2.5s		4	Red.	
29505	- Buoy 9	21-22-26.263N 157-56-44.818W				Green can.	
<b>Pearl Harbor Middle Loch</b>							
29507	Pearl Harbor CG Hurricane Mooring Buoy North	21-22-14.033N 157-58-53.090W					White with blue band.
29508	Pearl Harbor CG Hurricane Mooring Buoy South	21-22-06.946N 157-58-51.127W					White with blue band.
<b>Pearl Harbor West Loch</b>							
29510	- ENTRANCE RANGE FRONT LIGHT	21-21-07.180N 157-58-59.679W	Q G	34		KRW on skeleton tower.	Visible 4° each side of rangeline.
29515	- ENTRANCE RANGE REAR LIGHT 300 yards, 323.5° from front light.	21-21-14.348N 157-59-05.343W	Iso G 6s	55		KRW 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
<b>HAWAII - Fourteenth District</b>							
<b>South Coast of Oahu (Chart 19366)</b>							
<b>Pearl Harbor West Loch</b>							
29520	- Daybeacon 1	21-20-21.655N 157-58-28.311W				SG on pile.	
29525	- LIGHT 3	21-20-53.051N 157-58-53.609W	Q G	17	4	SG on pile.	
29530	- LIGHT 5	21-20-55.955N 157-58-59.610W	FI G 2.5s	17	4	SG on pile.	
29535	- <i>Lighted Buoy 6</i>	21-21-04.893N 157-59-20.970W	Q R		3	Red.	
29540	- <i>Lighted Buoy 7</i>	21-21-10.210N 157-59-34.258W	Q G		3	Green.	
29543	- <i>Lighted Buoy 8</i>	21-21-21.414N 157-59-35.379W	FI R 2.5s		3	Red.	
29545	- LIGHT 9	21-21-14.349N 157-59-43.708W	FI G 2.5s	16	4	SG on multi-pile structure.	
29550	- LIGHT 10	21-21-22.447N 157-59-58.707W	FI R 4s	17	4	TR on multi-pile structure.	
29555	- Daybeacon 11	21-21-16.447N 158-00-14.707W				SG on pile.	
<b>Pearl Harbor East Loch</b>							
29560	- Daybeacon 2	21-22-20.241N 157-56-20.307W				TR on pile.	
29565	- LIGHT 4	21-22-26.839N 157-56-12.207W	FI R 4s	15	4	TR on pile.	
29568	- Danger Daybeacon	21-23-04.000N 157-57-36.000W				NW on pile.	Private aid.
<b>Pearl Harbor Southeast Loch</b>							
29570	MERRY POINT LIGHT	21-21-07.883N 157-56-36.740W	F G	38	7	NB on post. 26	
<b>South Coast of O'ahu (Chart 19362)</b>							
<b>Barbers Point</b>							
29580	<i>Anchorage Area Charlie Lighted Buoy A</i>	21-16-32.600N 158-04-02.100W	FI Y 2s			SPAR buoy	buoy replacement 01Sep2020 Private aid.
29585	<i>Anchorage Area Charlie Lighted Buoy B</i>	21-16-32.600N 158-04-29.100W	FI Y 2s			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	21-16-48.000N 158-04-00.000W					Private aid.
29600	- <i>Anchorage Area Bravo Tank Terminal Lighted Buoy A</i>	21-16-12.000N 158-05-15.000W	Q Y			Yellow.	Three lighted fluorescent orange fuel lines extend 840 feet from the buoy. Private aid.
29610	<i>PacIOOS Wave Lighted Buoy Kalaeloa</i>	21-19-24.000N 158-08-58.800W	FI Y 5s			Datawell Waverider Buoy. Yellow hull with light antenna 6ft above waterline.	Private aid.
29650	- <b>Light</b>	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	- <i>Harbor Entrance Channel Lighted Buoy 2</i>	21-18-55.437N 158-07-40.758W	FI R 2.5s		4	Red.	
29651.5	- <i>Harbor Entrance Channel Lighted Buoy 3</i>	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	Q G	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>South Coast of O'ahu (Chart 19362)</b>							
<b>Barbers Point</b>							
29654.2	- HARBOR ENTRANCE CHANNEL LIGHT 6	21-19-19.108N 158-07-16.166W	Q R	25	6	TR on post.	
29654.3	- HARBOR ENTRANCE CHANNEL LIGHT 7	21-19-23.842N 158-07-19.907W	Q G	25	6	SG on pile.	
<b>West Beach Marina</b>							
29655	- 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	Q R	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.
29664	- Daybeacon 14	21-19-47.790N 158-07-20.500W				TR on pile.	Private aid.
<b>South Coast of O'ahu (Chart 19362)</b>							
29667	Ko'Oolina 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.
<b>OAHU ISLAND (Chart 19357)</b>							
<b>Waianae Harbor</b>							
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	Q R	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	<i>UH Research Lighted Buoy Makaha</i>	21-30-06.000N 158-14-30.000W	FI (2)W 6s			Yellow can with black mast.	Private aid.
<b>Haleiwa Harbor</b>							
29700	- RANGE FRONT LIGHT	21-35-43.061N 158-06-11.696W	Q G	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	FI R 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	<i>PacIOOS Wave Lighted Buoy Waimea</i>	21-40-22.000N 158-06-57.000W	FI Y 5s			Datawell Waverider Buoy. Yellow hull with light antenna 6ft above waterline.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>OAHU ISLAND (Chart 19013)</b>							
29734.6	<i>HOT site surface mooring buoy</i>	22-40-00.000N 157-57-00.000W	Fl Y 4s				Private aid.
<b>OAHU TO NIIHAU (Chart 19380)</b>							
<b>Kauai Island</b>							
29735	<i>PacIOOS Wave Lighted Buoy Hanalei</i> Hanalei, Kauai	22-17-04.981N 159-34-27.181W	Fl Y 5s			Datawell Waverider Buoy. Yellow hull with light antenna 6ft above waterline.	Private aid.
29737	<b>Kilauea Point Light</b>	22-13-53.266N 159-24-07.153W	Fl W 10s	174	9	White concrete post. 10	Obscured from 295° to 065°.
29740	KAHALA POINT LIGHT	22-08-47.714N 159-17-43.539W	Fl W 6s	40	9	NB on spindle.	
29745	<b>Nawiliwili Harbor Light</b>	21-57-17.936N 159-20-08.993W	Fl W 15s	110	9	Buff-colored cylindrical concrete tower. 73	Obscured from 065° to 115°. Operates during periods of darkness only.
29750	<i>Ninini Point Lighted Buoy 2</i> Marks shoal off Ninini Point.	21-57-10.793N 159-20-07.360W	Fl R 4s		4	Red.	
<b>Nawiliwili Harbor</b>							
29755	KUKII POINT LIGHT	21-57-23.833N 159-20-52.790W	Fl 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°.
29760	- RANGE FRONT LIGHT	21-57-23.000N 159-21-08.859W	F R	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	F R	68		KRW on building.	Visible 4° each side of rangeline.
29770	- BREAKWATER LIGHT	21-57-11.715N 159-20-55.026W	Q W	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	- <i>Buoy 4</i>	21-57-16.033N 159-21-02.990W	Fl R 2.5s		4	Red nun.	
29784	- Buoy 5	21-57-06.591N 159-21-01.702W				Green can.	
29785	- <i>Lighted Buoy 6</i>	21-57-09.680N 159-21-07.835W	Fl R 4s		4	Red nun.	
29790	- <i>Lighted Buoy 7</i>	21-57-00.677N 159-21-07.359W	Fl 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.	
<b>Nawiliwili Small Boat Harbor</b>							
29805	- LIGHT 1	21-56-57.786N 159-21-25.465W	Fl G 6s	18	4	SG on pile.	Obscured from 244° to 021°.
29810	- LIGHT 2	21-56-58.187N 159-21-28.635W	Fl R 4s	18	4	TR on pile.	
29815	- LIGHT 3	21-56-56.100N 159-21-31.900W	Q G	8		SG on pile.	Private aid.
29820	- LIGHT 5	21-56-56.400N 159-21-31.000W	Q G	8		SG on pile.	Private aid.
29825	- LIGHT 7	21-56-56.900N 159-21-33.600W	Q G	8		SG on pile.	Private aid.
29830	- LIGHT 9	21-56-57.000N 159-21-36.200W	Q G	8		SG on pile.	Private aid.
29835	- LIGHT 11	21-56-57.600N 159-21-38.800W	Q G	8		SG on pile.	Private aid.
29840	- LIGHT 13	21-56-59.100N 159-21-39.000W	Q G	8		SG on pile.	Private aid.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>HAWAII - Fourteenth District</b>							
<b>OAHU TO NIIHAU (Chart 19380)</b>							
<b>Kauai Island</b>							
<b>Nawiliwili Small Boat Harbor</b>							
29845	- LIGHT 15	21-57-01.000N 159-21-38.600W	Q G	8		SG on pile.	Private aid.
<b>Kauai Island</b>							
29850	MAKAHUENA POINT LIGHT	21-52-08.323N 159-26-38.638W	Fl W 2.5s	80	8	NB on post.	Obscured from 110° to 237.5°.
29860	Kalanipua 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	Fl W 4s (R sector)	28	W 5 R 5	NB on post.	Red from 261° to 282°, covers Kalanipua Rock.
<b>Hanapepe Bay</b>							
29875	- <i>Lighted Buoy 1</i>	21-53-45.530N 159-35-36.697W	Fl G 2.5s		5	Green.	
29877	- BREAKWATER LIGHT 2	21-53-49.130N 159-35-27.342W	Q R	32	5	TR on spindle.	
29885	- <i>Lighted Buoy 3</i>	21-53-57.169N 159-35-38.436W	Fl G 4s		4	Green.	
29890	- Buoy 5	21-54-01.333N 159-35-30.090W				Green can.	
29897	PORT ALLEN SMALL BOAT HARBOR BREAKWATER LIGHT 1	21-54-03.510N 159-35-21.300W	Fl G 4s	9		SG on spindle.	Private aid.
29898	<i>Port Allen Small Boat Harbor Breakwater Light 2</i>	21-54-04.440N 159-35-20.130W	Fl R 2s				Private aid.
<b>Kikiaola Boat Harbor</b>							
29900	- RANGE FRONT LIGHT	21-57-33.898N 159-41-36.425W	F R	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	F R	28		Steel pole on concrete base.	Located west of harbor. Private aid.
29902	- LIGHT 1	21-57-00.645N 159-41-00.778W	Q G	16		Yellow pole on concrete base.	Located on western harbor entrance. Private aid.
29903	- LIGHT 2	21-57-00.597N 159-41-00.791W	Q R	16		Yellow pole on concrete base.	Located on eastern harbor entrance. Private aid.
<b>Hanapepe Bay</b>							
29905	KOKOLE LIGHT	21-58-44.451N 159-45-22.117W	Fl W 6s	58	6	NB on skeleton tower.	Obscured from 163° to 283°.
29907	NAVY BUOY	22-02-49.600N 159-47-49.700W	Fl Y 12s				TEMP Private aid.
29910	NOHILI POINT LIGHT	22-03-44.845N 159-46-58.176W	Fl 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.
<b>Lehua Island</b>							
29935	LEHUA ROCK LIGHT	22-01-12.463N 160-05-51.030W	Fl W 4s	704	7	On post.	Obscured from 344° to 045°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>PACIFIC ISLANDS - Fourteenth District</b>							
<b>LAYSAN ISLAND TO KURE ISLAND (Chart 19022)</b>							
<b>Midway Islands</b>							
<b>Midway Channel</b>							
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				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.	
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	28-13-08.876N 177-21-51.147W				Green can.	
<b>SAMOA ISLANDS (Chart 83484)</b>							
<i>The Samoan Islands have been converted to the IALA Maritime Buoyage System for Region A.</i>							
30180	AUNUU ISLAND BREAKWATER LIGHT 1	14-16-59.287S 170-33-40.670W	FI G 4s	27	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 with light antenna 6ft above waterline.	Private aid.
<b>Tutuila Island</b>							
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 around 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.	
<b>Pago Pago Harbor</b>							
30190	- RANGE FRONT LIGHT	14-16-08.334S 170-40-27.109W	Q R	37		KRW on skeleton tower.	Visible 4° each side of rangeline.
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 rangeline.
30200	Whale Rock Lighted Buoy 2	14-17-08.904S 170-40-11.789W	FI R 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	Q G		4	Green.	
<b>Ofu Harbor</b>							
30240	- LIGHT 1	14-09-48.720S 169-40-51.070W	FI G 4s	15	4	TG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>PACIFIC ISLANDS - Fourteenth District</b>							
<b>SAMOA ISLANDS (Chart 83484)</b>							
<b>Ofu Harbor</b>							
30245	- LIGHT 2	14-09-49.600S 169-40-58.000W	FI R 4s	22	4	SR on pile.	
<b>Ta'u Harbor</b>							
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.	
<b>Faleasao Harbor</b>							
30265	- Range Front Daybeacon	14-13-16.655S 169-30-53.722W				KRW on spindle.	
30266	- Rear Range Daybeacon 66 yards, 200.5° from front daybeacon.	14-13-18.506S 169-30-54.416W				KRW on spindle.	
<b>KWAJALEIN ATOLL (Chart 81715)</b>							
<b>Kwajalein Atoll</b>							
<b>Roi-Namur Island Channel</b>							
<i>Kwajalein Atoll has been converted to the IALA Maritime Buoyage system for Region A.</i>							
30310	- Approach Lighted Buoy 2	09-20-33.813N 167-27-48.184E	FI R 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.	
<b>Kwajalein-Roi Highway Channel</b>							
30354	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.	
<b>Kwajalein Bigej Channel</b>							
30390	Kwajalein-Bigej Channel Buoy 1	08-52-28.380N 167-45-46.655E				Green nun.	
<b>Kwajalein South Pass</b>							
30400	- Buoy 1	08-46-46.752N 167-38-50.699E				Green nun.	
<b>Kwajalein Gea Pass</b>							
30410	- 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	FI R 4s		3	Red.	
<b>Kwajalein Lagoon</b>							
30430	- Junction Lighted Buoy V	08-52-23.085N 167-43-48.964E	FI (2+1)R 6s		4	Red and green bands.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>PACIFIC ISLANDS - Fourteenth District</b>							
<b>KWAJALEIN ATOLL (Chart 81715)</b>							
<b>Kwajalein Lagoon</b>							
30435	Kwajalein-Bigej Channel Buoy 5	08-49-16.780N 167-42-37.957E				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	<i>Kwajalein-Bigej Channel Lighted Buoy 8</i>	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	<i>Kwajalein Harbor Approach Channel Lighted Buoy 1</i>	08-47-33.847N 167-39-47.209E	FI G 4s		5	Green.	
30470	<i>Kwajalein Harbor Junction Lighted Buoy B</i>	08-45-24.752N 167-42-46.699E	FI (2+1)R 6s		4	Red and green bands.	
<b>Kwajalein Harbor</b>							
30475	- 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	FI R 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.	
<b>ISLAND OF GUAM (Marianas) (Chart 81048)</b>							
<b>Guam Island</b>							
<i>The Marianas Islands have been converted to the IALA Maritime Buoyage System for Region A.</i>							
30600	<i>FAD Site "Number 6"</i>	13-42-36.000N 145-01-36.000E	FI Y 4s			Yellow spherical buoy.	Private aid.
30602	<i>PacIOOS Wave Lighted Buoy Ipan</i>	13-21-15.120N 144-47-17.880E	FI Y 5s				Private aid.
30603	<i>FAD Site "Cocos" - Guam</i>	13-12-00.000N 144-41-42.000E	FI Y 4s			Yellow spherical buoy.	Private aid.
30606	<i>FAD Site "Umatac"</i>	13-17-00.000N 144-37-00.000E	FI Y 4s			Yellow spherical buoy.	Private aid.
30609	<i>FAD Site "9 Mile"</i>	13-15-06.000N 144-28-42.000E	FI Y 4s			Yellow spherical buoy.	Private aid.
30612	<i>FAD Site "FACPI 2" - Guam</i>	13-19-36.000N 144-33-18.000E	FI Y 4s			Yellow spherical buoy.	Private aid.
30615	<i>FAD Site "FACPI" - Guam</i>	13-20-24.000N 144-36-30.000E	FI Y 4s			Yellow spherical buoy.	Private aid.
30618	<i>FAD Site "Agat"</i>	13-23-18.000N 144-33-54.000E	FI Y 4s			Yellow spherical buoy.	Private aid.
30621	<i>FAD Site "Number 1" - Guam</i>	13-32-12.000N 144-43-06.000E	FI Y 4s			Yellow spherical buoy.	Private aid.
30624	<i>FAD Site "Number 2" - Guam</i>	13-35-36.000N 144-45-36.000E	FI Y 4s			Yellow spherical buoy.	Private aid.
30627	<i>FAD Site "Ledge" - Guam</i>	13-35-48.000N 144-40-24.000E	FI Y 4s			Yellow spherical buoy.	Private aid.
30631	<i>FAD Site "Number 3"</i>	13-39-54.000N 144-46-06.000E	FI Y 4s			Yellow spherical buoy.	Private aid.
30634	<i>FAD Site "Number 4"</i>	13-43-18.000N 144-43-18.000E	FI Y 4s			Yellow spherical buoy.	Private aid.
30637	<i>FAD Site "Old NOAA" - Guam</i>	13-43-30.000N 144-40-48.000E	FI Y 4s			Yellow spherical buoy.	Private aid.
30637.1	<i>FAD Site GF1</i>	13-44-24.000N 144-39-40.000E	FI Y 4s				Private aid.
30640	<i>FAD Site "Number 5"</i>	13-44-42.000N 144-48-24.000E	FI Y 4s			Yellow Spherical buoy.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>PACIFIC ISLANDS - Fourteenth District</b>							
<b>ISLAND OF GUAM (Marianas) (Chart 81048)</b>							
<b>Guam Island</b>							
<i>The Marianas Islands have been converted to the IALA Maritime Buoyage System for Region A.</i>							
30650	<i>PaciOOS Wave Lighted Buoy</i> <i>Ritidian</i> Ritidian Point, Guam	13-40-59.880N 144-48-45.000E	FI Y 5s			Datawell Waverider Buoy. Yellow hull with light antenna 6ft above waterline.	Private aid.
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°.
<b>Agana Small Boat Basin Approach</b>							
30665	- RANGE FRONT LIGHT	13-28-44.376N 144-45-06.619E	Q R	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 144-45-06.227E	Iso R 6s	35		KRW on post.	Visible 4° each side of rangeline.
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	<b>Orote Point Light</b>	13-26-47.041N 144-37-10.970E	FI W 5s	226	14	NB on concrete tower. 20	Obscured from 227° to 358°.
<b>Apra Outer Harbor</b>							
30690	- <i>Entrance Lighted Buoy 1</i>	13-27-02.268N 144-37-24.367E	FI G 4s		4	Green.	
30695	- <i>Entrance Lighted Buoy 2</i>	13-27-10.127N 144-37-22.756E	FI R 4s		4	Red.	
30700	- ENTRANCE RANGE FRONT LIGHT	13-27-23.278N 144-39-59.780E	Q G	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	- <i>Lighted Buoy 3</i>	13-27-14.248N 144-39-14.727E	FI G 2.5s		4	Green.	
<b>Cabras Island Channel</b>							
30735	- <i>Lighted Buoy 2</i>	13-27-32.565N 144-39-19.377E	FI R 2.5s		3	Red.	
30740	- <i>Junction Lighted Buoy A</i>	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	- <i>Lighted Buoy 5</i>	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	FI R 4s	30	3	SR on pile.	
<b>Apra Outer Harbor</b>							
30755	- <i>Lighted Buoy 5</i>	13-27-12.928N 144-39-21.657E	Q G		4	Green.	
30760	- <i>Lighted Buoy 6</i>	13-27-13.758N 144-39-32.197E	FI R 4s		3	Red.	
30765	- <i>Lighted Buoy 7</i>	13-27-04.738N 144-39-31.297E	FI G 4s		4	Green nun.	
30770	- <i>Lighted Buoy 8</i>	13-27-09.138N 144-39-36.197E	FI R 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>PACIFIC ISLANDS - Fourteenth District</b>							
<b>ISLAND OF GUAM (Marianas) (Chart 81048)</b>							
<b>Guam Island</b>							
<b>Drydock Point</b>							
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.
30787.8	- Daybeacon A	13-26-56.941N 144-40-11.138E				NY on pile.	Private aid.
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.
<b>Apra Inner Harbor</b>							
30790	POLARIS POINT RANGE FRONT LIGHT	13-26-32.331N 144-40-01.901E	Q R	16		KRW on post.	Visible 4° each side of rangeline.
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 rangeline.
30800	- RANGE FRONT LIGHT	13-25-06.532N 144-40-01.738E	Q G	42		KRW on post.	Visible 4° each side of rangeline.
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 rangeline.
30807	<i>X-Ray Wharf Lighted Buoy 1</i>	13-25-39.206N 144-40-09.049E	FI G 4s				Private aid.
30807.5	<i>X-Ray Wharf Lighted Buoy 2</i>	13-25-38.981N 144-40-15.392E	FI R 4s				Private aid.
<b>Apra Harbor West Channel</b>							
30810	Apra Harbor Western Shoal Buoy WS	13-26-59.579N 144-39-14.080E				Red and green bands; can.	
30810.5	<i>ACOE Wave Meter Lighted Buoy</i>	13-22-12.000N 144-38-36.000E	FI Y 4s			Yellow sphere.	Aid maintained by U.S. Army Corps of Engineers.
<b>Agat Small Boat Harbor</b>							
30811	<i>Agat Harbor Entrance Lighted Buoy AG</i>	13-22-03.678N 144-38-30.732E	Mo (A) W		4	Red and white stripes with red spherical topmark.	
30811.1	- <i>Entrance Lighted Buoy 1</i>	13-22-00.365N 144-38-38.479E	Q G		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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>PACIFIC ISLANDS - Fourteenth District</b>							
<b>ISLAND OF GUAM (Marianas) (Chart 81048)</b>							
<b>Merizo Bay</b>							
<b>Mamaon Channel</b>							
30815	- Lighted Buoy 1	13-16-09.000N 144-39-27.000E	Q G			Green.	Private aid.
30820	- Lighted Buoy 2	13-16-11.000N 144-39-32.237E	Q R			Red.	Private aid.
<b>ROTA ISLAND (Chart 81063)</b>							
<b>Rota West Harbor</b>							
30845	- RANGE FRONT LIGHT	14-08-11.852N 145-08-05.941E	Q G	37		KRW on post.	Visible 4° each side of rangeline.
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.
<b>SAIPAN (Chart 81076)</b>							
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.
<b>Tanapag Harbor</b>							
<b>Saipan and Tinian (Chart 81067)</b>							
30852.27	C Fad - 1, Tinian Data collection	14-58-03.800N 145-33-59.300E	Q Y			yellow	established 06Oct2020 Private aid.
<b>Tanapag Harbor</b>							
30853	Pac/OOS Wave Lighted Buoy Tanapag Putan Muchot, Saipan	15-16-04.919N 145-39-43.970E	FI Y 5s			Datawell Waverider Buoy. Yellow hull with light antenna 6ft above waterline.	Private aid.
30855	- Approach Lighted Buoy T	15-12-11.497N 145-40-28.916E	Mo (A) W		5	Red and white stripes with red spherical topmark.	
30860	Okino Reef Lighted Buoy 1	15-12-42.992N 145-41-45.099E	FI G 2.5s				
30865	MANAGAHA ISLAND LIGHT	15-14-26.192N 145-42-44.628E	F W R G (G & R sectors)	75	W 8 G 8 R 8	NB on spindle.	Green from 030° to 040°. White from 040° to 047°. Red from 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	Q R		3	Red.	
30875	- RANGE FRONT LIGHT	15-13-45.592N 145-44-25.585E	Q G	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	Q G		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>PACIFIC ISLANDS - Fourteenth District</b>							
<b>SAIPAN (Chart 81076)</b>							
<b>Tanapag Harbor</b>							
30890	- Channel Lighted Buoy 4	15-13-44.260N 145-42-38.490E	FI R 2.5s			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	FI R 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.	
30912	- Channel Buoy 10	15-13-45.897N 145-44-10.416E					
<b>Smiling Cove</b>							
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.
<b>SAIPAN (Chart 81076)</b>							
<b>Tanapag Harbor</b>							
<b>Saipan Channel</b>							
30919	USHI POINT LIGHT	15-06-01.620N 145-38-39.039E	FI W 2.5s	18	6	NB on Pile.	
<b>TINIAN (Chart 81071)</b>							
<b>Tinian Harbor</b>							
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	Q G		3	Green.	
30935	- Channel Lighted Buoy 4	14-57-32.778N 145-37-27.531E	Q R		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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Umpqua River . . . . .	9230
Unalaska Bay . . . . .	27500.75
Unalaska Island . . . . .	27450
Union Bay Reach . . . . .	18245
Uyak Bay . . . . .	26960

## V

Valdez Arm . . . . .	25700
Vallejo . . . . .	6110
Vancouver . . . . .	11207
Vancouver to Bonneville . . . .	11252
Ventura Marina . . . . .	3675

Waianae Harbor . . . . .	29675
Warrendale . . . . .	11715
Warrior Rock . . . . .	11060
Washougal . . . . .	11525
Wauna . . . . .	10428
Welch Island . . . . .	10307
West Beach Marina . . . . .	29655
West Channel . . . . .	22025
West Point Light . . . . .	16800
Western Channel . . . . .	25000
Westhaven . . . . .	16001
Westport . . . . .	10475
Whale Pass . . . . .	22477.5
Whale Passage . . . . .	26510
Whitestone Narrows . . . . .	25095
Willamette River . . . . .	14855
Willapa Bay . . . . .	15186
Willapa River . . . . .	15240
Willow . . . . .	11140
Wilson Cove . . . . .	2545
Womens Bay . . . . .	26765
Woody Island . . . . .	26645
Wrangell Harbor . . . . .	22630
Wrangell Narrows . . . . .	22825

## Y

Yakutat Bay . . . . .	1085, 25415
Yaquina Bay . . . . .	9580
Yaquina Head Light . . . . .	650
Yaquina River . . . . .	9680
Yerba Buena Island Light . . . .	4595
Youngs Bay . . . . .	14570

## Z

Zero Rock Light (C) . . . . .	19705
Zimovia Strait . . . . .	22550
Zuniga Jetty . . . . .	1520

## CROSS REFERENCE - INTERNATIONAL VS. U.S. LIGHT NUMBER

Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.
F8364.00		30865	G3715.44		2225	G3877.00		2805	G4010.00		335
F8366.00		30875	G3715.46		2230	G3878.00		2780	G4014.00		355
F8366.10		30880	G3715.5		2245	G3878.10		2785	G4030.00		360
F8374.00		30845	G3715.52		2250	G3879.40		2825	G4052.00		370
F8374.10		30850	G3715.56		2260	G3886.00		170	G4054.00		365
F8382.00		30660	G3715.70		2265	G3890.00		3330	G4064.00		4250
F8384.00		30685	G3715.72		2270	G3891.00		3335	G4067.00		4265
F8386.00		30700	G3721.00		2295	G3891.10		3340	G4068		4260
F8386.10		30705	G3721.40		2320	G3891.20		3345	G4072.00		4270
F8386.20		30710	G3732.00		50	G3891.30		3350	G4074		4280
F8386.30		30725	G3733.00		60	G3891.40		3355	G4081.00		4300
F8386.40		30745	G3736.00		90	G3891.50		3360	G4082		4315
F8387.00		30785	G3754.00		2605	G3891.80		3375	G4084.00		4325
F8387.40		30790	G3756.00		2625	G3891.90		3415	G4086.20		4515
F8387.41		30795	G3758.00		2635	G3900.00		3555	G4086.30		4525
F8388.00		30800	G3759.00		2630	G3920.00		2590	G4086.40		4535
F8388.10		30805	G3760.00		2670	G3926.00		190	G4086.50		4500
F8395.00		30665	G3766.00		2615	G3927.00		3600	G4086.60		4545
F8395.10		30670	G3767.00		2620	G3928.00		3605	G4100.00		4576
F8395.50		30675	G3768.00		2530	G3928.10		3610	G4100.20		4577
F8395.60		30680	G3772.00		2525	G3930.00		3615	G4111.20		4577.1
G1718.00		25	G3776.00		2540	G3935.00		3630	G4113.40		4980
G3676.00		5	G3778.00		2575	G3940.00		185	G4114.00		4945
G3679		1500	G3782.00		2545	G3944		3635	G4114.20		4955
G3679.10		1505	G3790.00		2565	G3948.00		2755	G4114.30		4960
G3679.40		1520	G3794.00		140	G3952.00		195	G4114.40		4965
G3679.50		1525	G3797.00		125	G3954.00		3765	G4114.50		4970
G3679.60		1530	G3797.5		3015	G3955.00		3795	G4115.00		5025
G3679.70		1535	G3797.60		2845	G3964.00		200	G4115.20		5100
G3679.80		1540	G3798.00		3115	G3968.00		210	G4117.00		5140
G3680.00		1570	G3799.00		135	G3972.00		225	G4117.20		5145
G3687.00		1595	G3836.00		3225	G3976.00		240	G4119.00		4335
G3692.00		1635	G3837.00		3230	G3982.00		265	G4120.00		4350
G3700.00		1705	G3838.00		3250	G3988.00		280	G4121		4375
G3702.00		1700	G3839.00		3255	G3992.00		290	G4128		5430
G3707		1850	G3845.00		3040	G3994.00		3970	G4128.4		5435
G3707.2		1855	G3862.00		3085	G3997.00		4000	G4129.00		5440
G3709.00		1860	G3863		3090	G3997.10		4005	G4138		4435
G3712.00		1875	G3865.00		2885	G3998.10		4020	G4138.20		4440
G3712.10		1880	G3865.20		2905	G3998.20		4025	G4140.00		4595
G3715		2060	G3865.30		2900	G3998.40		4030	G4141.00		4600
G3715.02		2065	G3865.40		2890	G3998.80		4045	G4142.00		5360
G3715.3		2170	G3865.60		2895	G4003.00		4115	G4142.2		5365
G3715.32		2175	G3866.00		2910	G4006.00		320	G4142.23		5370
G3715.34		2180	G3866.20		2915	G4007.00		4145	G4142.24		5375
G3715.36		2185	G3875.70		2843	G4007.50		4150	G4142.25		5380
G3715.38		2190	G3875.74		2844	G4007.70		4151	G4142.26		5385
G3715.42		2210	G3876.00		2800	G4007.80		4153	G4142.27		5390

**CROSS REFERENCE - INTERNATIONAL VS. U.S. LIGHT NUMBER**

Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.
G4142.28		5395	G4217.22		5990	G4302.60		6655	G4462.10		8850
G4146		4475	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		6020	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		7785	G4466		8920
G4173.38		4890	G4217.55		6050	G4357.00		7790	G4474.00		9235
G4176.00		4755	G4217.6		6060	G4357.10		7800	G4474.10		9240
G4176.2		4760	G4217.7		6070	G4358.00		420	G4475		9255
G4176.4		4765	G4218.38		5880	G4362.00		450	G4475.20		9265
G4176.6		4770	G4241.4		5885	G4363.00		8080	G4483.21		9270
G4179.80		5130	G4242.00		5960	G4364.00		8100	G4484.00		9510
G4180		5155	G4244.00		5965	G4365.00		8105	G4486.00		635
G4182		5175	G4249.00		5970	G4365.10		8110	G4490.00		9580
G4183		5180	G4250.00		6090	G4366.00		8115	G4490.10		9585
G4183.2		5190	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		5210	G4256.60		6110	G4384.00		8155	G4494.10		9625
G4183.6		5205	G4256.8		6115	G4385		8165	G4498.00		9660
G4183.7		5220	G4258.00		6120	G4395.5		8210	G4500		9665
G4183.86		5230	G4258.20		6125	G4396.20		8216	G4500.4		9670
G4183.90		5240	G4260.00		6215	G4396.5		8220	G4501.00		9675
G4191.00		5305	G4266.00		6220	G4397.00		8230	G4502.00		9680
G4191.1		5310	G4270.00		6225	G4401.50		8270	G4506.00		650
G4191.6		5315	G4271.00		6230	G4401.70		8275	G4508.00		9795
G4192.00		5480	G4274.00		6240	G4402.20		8245	G4509		9790
G4192.40		5400	G4279.00		6250	G4402.40		8250	G4519.00		9820
G4192.60		5490	G4292		6295	G4402.60		8255	G4520.10		9830
G4194.00		5670	G4294		6300	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		6335	G4415.00		550	G4536.4		14440
G4203.20		5685	G4296.8		6345	G4416.00		8390	G4536.5		14450
G4203.80		5710	G4297.00		6350	G4416.1		8395	G4537.00		14460
G4205.00		5715	G4297.40		6365	G4417.00		8385	G4537.5		14470
G4205.2		5720	G4297.60		6370	G4417.5		555	G4538		14480
G4205.4		5725	G4297.80		6375	G4424.00		8610	G4538.5		14490
G4205.6		5730	G4297.81		6380	G4424.10		8615	G4539.00		14500
G4216.00		5830	G4298.00		6390	G4426		8625	G4540.00		14510
G4216.10		5835	G4298.40		6440	G4428.00		8640	G4540.20		14515
G4216.3		5840	G4299		6465	G4430.00		8660	G4548.00		14610
G4216.40		5845	G4299.20		6470	G4432.00		595	G4550.00		14620
G4216.5		5850	G4299.21		6475	G4460.00		8785	G4551.00		14625
G4216.6		5855	G4300.00		6520	G4460.10		8790	G4552.00		14520
G4216.7		5860	G4302.00		6600	G4460.50		8805	G4553.00		14525
G4217		5975	G4302.2		6595	G4460.51		8810	G4555		14530
G4217.20		5980	G4302.40		6650	G4462.00		8845	G4556.00		14535

## CROSS REFERENCE - INTERNATIONAL VS. U.S. LIGHT NUMBER

Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.
G4564.00	.....	9995	G4644.30	.....	10600	G4687.20	.....	11055	G4711.10	.....	11735
G4565.00	.....	10005	G4647.00	.....	10625	G4687.40	.....	11060	G4711.60	.....	11745
G4570.00	.....	10025	G4647.20	.....	10630	G4690.00	.....	11065	G4712.60	.....	11775
G4587.00	.....	14720	G4648.00	.....	10635	G4690.20	.....	11130	G4718.00	.....	700
G4587.20	.....	14725	G4649.00	.....	10640	G4690.40	.....	11135	G4723.20	.....	15230
G4588.00	.....	10105	G4650.00	.....	10650	G4691.00	.....	11140	G4723.60	.....	15240
G4588.10	.....	10110	G4651.00	.....	10660	G4691.10	.....	11145	G4724.00	.....	15410
G4589.00	.....	10095	G4651.10	.....	10665	G4691.40	.....	11150	G4724.20	.....	15420
G4602.00	.....	10185	G4652.00	.....	10670	G4695.80	.....	14900	G4724.40	.....	15435
G4604.00	.....	10195	G4652.20	.....	10715	G4696.00	.....	14905	G4724.60	.....	15445
G4604.10	.....	10200	G4653.00	.....	10725	G4696.20	.....	14910	G4724.62	.....	15450
G4606.00	.....	10175	G4653.40	.....	10730	G4696.38	.....	14935	G4724.70	.....	15480
G4606.10	.....	10180	G4654.00	.....	10675	G4696.4	.....	14940	G4726.00	.....	720
G4607.00	.....	10215	G4658.00	.....	10760	G4696.50	.....	14945	G4730	.....	15990
G4607.4	.....	10230	G4661.00	.....	10780	G4696.70	.....	14955	G4730.2	.....	15995
G4608.00	.....	10235	G4661.10	.....	10785	G4697.40	.....	11270	G4731.00	.....	16005
G4608.10	.....	10240	G4663.00	.....	10805	G4698.30	.....	11294	G4731.20	.....	16010
G4608.40	.....	10260	G4666.00	.....	10820	G4698.60	.....	11305	G4731.40	.....	16015
G4609	.....	10270	G4666.10	.....	10825	G4699.00	.....	11405	G4731.50	.....	16020
G4610.00	.....	10275	G4668.00	.....	10832	G4699.10	.....	11410	G4731.52	.....	16025
G4616	.....	10350	G4670.00	.....	10845	G4699.30	.....	11415	G4732.00	.....	15610
G4617	.....	10365	G4671.40	.....	10850	G4701.50	.....	11470	G4732.10	.....	15615
G4618.40	.....	10355	G4672.00	.....	10860	G4701.80	.....	11475	G4732.30	.....	15635
G4618.41	.....	10360	G4673	.....	10870	G4702.00	.....	11480	G4734.90	.....	15850
G4619.00	.....	10380	G4674.00	.....	10875	G4702.10	.....	11485	G4734.91	.....	15855
G4620.00	.....	10385	G4674.10	.....	10880	G4702.40	.....	11490	G4735.20	.....	15880
G4620.10	.....	10390	G4675	.....	10885	G4702.50	.....	11495	G4735.30	.....	15870
G4621	.....	10400	G4676.00	.....	10890	G4702.80	.....	11505	G4735.31	.....	15875
G4621.20	.....	10405	G4677.00	.....	10895	G4703.00	.....	11510	G4735.40	.....	15885
G4621.30	.....	10410	G4682.20	.....	10935	G4703.10	.....	11515	G4735.60	.....	15900
G4622.00	.....	10415	G4682.40	.....	10940	G4703.50	.....	11530	G4741.00	.....	15955
G4623.00	.....	10420	G4682.50	.....	10945	G4703.60	.....	11535	G4741.1	.....	15950
G4624.00	.....	10425	G4682.80	.....	10950	G4703.80	.....	11545	G4750.00	.....	745
G4625.00	.....	10430	G4682.81	.....	10955	G4704.00	.....	11550	G4751.00	.....	16090
G4625.10	.....	10435	G4683.00	.....	10970	G4704.10	.....	11555	G4752.00	.....	16095
G4626.30	.....	10445	G4683.40	.....	10975	G4704.40	.....	11560	G4753.00	.....	16105
G4626.50	.....	10455	G4683.60	.....	10980	G4705.00	.....	11570	G4753.20	.....	16110
G4627.00	.....	10460	G4684.00	.....	10985	G4705.10	.....	11575	G4756.00	.....	760
G4631.00	.....	10500	G4684.10	.....	10990	G4706.00	.....	11590	G4760.00	.....	16160
G4634.00	.....	10520	G4684.20	.....	11000	G4706.20	.....	11600	G4768.00	.....	16280
G4638	.....	10555	G4684.80	.....	11005	G4708.10	.....	11665	G4769.80	.....	16310
G4639.00	.....	10560	G4685.00	.....	11010	G4708.6	.....	11695	G4770.00	.....	16320
G4640.00	.....	10565	G4685.10	.....	11015	G4708.90	.....	11705	G4770.20	.....	16325
G4641.00	.....	10570	G4685.40	.....	11025	G4709.00	.....	11700	G4771.00	.....	16330
G4642.00	.....	10580	G4686.00	.....	11030	G4709.10	.....	11720	G4772.00	.....	16335
G4643.00	.....	10585	G4686.10	.....	11035	G4710.00	.....	11710	G4773.00	.....	16445
G4644.00	.....	10590	G4686.40	.....	11040	G4710.6	.....	11725	G4773.20	.....	16450
G4644.20	.....	10595	G4687.00	.....	11050	G4711.00	.....	11730	G4776.00	.....	16400

**CROSS REFERENCE - INTERNATIONAL VS. U.S. LIGHT NUMBER**

Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.
G4778.00	.....	16375	G4862.00	.....	18010	G4969.00	.....	17465	G5065.00	.....	19435
G4784.00	.....	16475	G4865.00	.....	16825	G4969.40	.....	17475	G5067	.....	19470
G4784.80	.....	16480	G4866.00	.....	16830	G4970.00	.....	17480	G5068.00	.....	19450
G4792.00	.....	17565	G4867.00	.....	16835	G4970.1	.....	17485	G5082.00	.....	19185
G4794.00	.....	17575	G4873.00	.....	16955	G4976.00	.....	18435	G5083.00	.....	19195
G4796.00	.....	17585	G4882.40	.....	16925	G4978.00	.....	18440	G5084.00	.....	19200
G4802.00	.....	16500	G4885.00	.....	16880	G4982	.....	18460	G5086.00	.....	19215
G4803.00	.....	16505	G4885.10	.....	16885	G4982.30	.....	18465	G5089.30	.....	19240
G4804.00	.....	16515	G4886.40	.....	16900	G4983.20	.....	18490	G5089.31	.....	19245
G4804.70	.....	17715	G4886.50	.....	16905	G4987	.....	18590	G5092.00	.....	19250
G4805.00	.....	17720	G4888.00	.....	16910	G4988.00	.....	18610	G5092.30	.....	19260
G4806.00	.....	17665	G4890.00	.....	16915	G4990.00	.....	18620	G5105.00	.....	19275
G4806.40	.....	17670	G4892.00	.....	18070	G5002	.....	18625	G5106.00	.....	19525
G4806.6	.....	17675	G4893.00	.....	18075	G5004.00	.....	18630	G5107.00	.....	19880
G4806.61	.....	17680	G4894.00	.....	18085	G5005.30	.....	18645	G5108.00	.....	19530
G4806.80	.....	17690	G4895.00	.....	18090	G5005.50	.....	18670	G5120.00	.....	19540
G4810	.....	16545	G4895.2	.....	18095	G5007	.....	18710	G5122.00	.....	19545
G4811.00	.....	17725	G4896.00	.....	18080	G5007.02	.....	18715	G5124.00	.....	19555
G4812.00	.....	17730	G4900.00	.....	16980	G5007.16	.....	18725	G5125.00	.....	19560
G4818.42	.....	17735	G4901.00	.....	17045	G5007.18	.....	18735	G5125.40	.....	19585
G4819.00	.....	17800	G4901.40	.....	17050	G5012.00	.....	18760	G5126.00	.....	19590
G4820	.....	17805	G4901.60	.....	17060	G5013.00	.....	18785	G5128.00	.....	19605
G4821.00	.....	17820	G4902.20	.....	17055	G5024.10	.....	18790	G5128.20	.....	19615
G4822.00	.....	17840	G4902.60	.....	17065	G5026.00	.....	18885	G5128.30	.....	19625
G4822.20	.....	17845	G4906.00	.....	17070	G5030.00	.....	18890	G5129.00	.....	19635
G4822.60	.....	17855	G4915.5	.....	17165	G5032.00	.....	18895	G5130.00	.....	19640
G4823.00	.....	17850	G4916.00	.....	17160	G5034.00	.....	19325	G5131.00	.....	19645
G4823.20	.....	17860	G4918	.....	17140	G5036.00	.....	19350	G5132.00	.....	19650
G4823.40	.....	17865	G4923.00	.....	17125	G5036.40	.....	19360	G5133.00	.....	19655
G4824.00	.....	17870	G4924	.....	17105	G5036.42	.....	19365	G5134.00	.....	19660
G4825.00	.....	17900	G4924.20	.....	17110	G5037.00	.....	19370	G5135.00	.....	19675
G4826.20	.....	17875	G4924.40	.....	17115	G5038.00	.....	19395	G5136.00	.....	19750
G4826.60	.....	17897	G4924.60	.....	17120	G5039.00	.....	18960	G5140.00	.....	19805
G4827	.....	17905	G4932.00	.....	17215	G5039.40	.....	18955	G5142.00	.....	19825
G4828.00	.....	16550	G4934	.....	17225	G5046.00	.....	18948	G5146.00	.....	19890
G4840.10	.....	16675	G4936.00	.....	17250	G5046.40	.....	18995	G5147.00	.....	19895
G4848.00	.....	17930	G4940.00	.....	17270	G5047.00	.....	19010	G5147.40	.....	19900
G4848.50	.....	17945	G4942.60	.....	17330	G5048.00	.....	19015	G5147.5	.....	19905
G4849.00	.....	17950	G4943.00	.....	17365	G5048.60	.....	18986	G5148.00	.....	19920
G4851	.....	17965	G4950.00	.....	17355	G5048.70	.....	19055	G5149.00	.....	19930
G4851.17	.....	17980	G4952.00	.....	17400	G5048.80	.....	19060	G5152.00	.....	19965
G4851.40	.....	17985	G4956	.....	17415	G5049.00	.....	19075	G5154.00	.....	19950
G4851.60	.....	17990	G4958.00	.....	17405	G5050.00	.....	19070	G5154.50	.....	19955
G4851.80	.....	17995	G4962.00	.....	17420	G5051.00	.....	19085	G5160.9	.....	19775
G4854.20	.....	16770	G4964	.....	17440	G5060.30	.....	19172	G5161	.....	19970
G4854.30	.....	16775	G4968.00	.....	17430	G5061.00	.....	19465	G5172.00	.....	930
G4861.3	.....	18000	G4968.1	.....	17435	G5064.00	.....	19425	G5178.00	.....	925
G4861.6	.....	18005	G4968.80	.....	17460	G5064.40	.....	19415	G5198.00	.....	905



## CROSS REFERENCE - INTERNATIONAL VS. U.S. LIGHT NUMBER

Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.
G5219.00	.....	860	G5420.00	.....	20520	G5950.20	.....	24625	G6098.00	.....	22530
G5224.00	.....	850	G5426.00	.....	20500	G5951.00	.....	24570	G6098.40	.....	22540
G5242.00	.....	820	G5485.00	.....	20525	G5958.00	.....	24730	G6099.00	.....	22545
G5246.00	.....	810	G5486.00	.....	20535	G5961.00	.....	24755	G6100.00	.....	22460
G5247.00	.....	805	G5488.00	.....	20540	G5962.00	.....	24780	G6102.00	.....	22475
G5249.00	.....	800	G5492.00	.....	20460	G5990.00	.....	22005	G6105.00	.....	22470
G5256.00	.....	790	G5807.00	.....	21770	G5992.00	.....	22000	G6106.00	.....	22480
G5257.00	.....	795	G5808.00	.....	21780	G5994.00	.....	22010	G6108.00	.....	22490
G5279.00	.....	785	G5808.20	.....	21785	G5996.00	.....	21995	G6110.00	.....	22495
G5280.00	.....	780	G5808.40	.....	21795	G5998.00	.....	21990	G6112.00	.....	22510
G5288	.....	770	G5813.00	.....	21805	G6002.00	.....	21840	G6118.00	.....	23445
G5295	.....	16210	G5814.00	.....	21820	G6002.40	.....	21920	G6123.00	.....	23425
G5300	.....	16225	G5816.00	.....	21825	G6003.00	.....	21925	G6124.00	.....	23405
G5306	.....	16245	G5818.00	.....	21830	G6004.00	.....	21930	G6126.00	.....	23385
G5328	.....	16265	G5820.00	.....	21810	G6006.00	.....	21940	G6128.00	.....	23380
G5334	.....	16270	G5822.00	.....	21815	G6008.00	.....	21935	G6130.00	.....	23370
G5335.00	.....	19695	G5826.00	.....	935	G6009.00	.....	21945	G6132.00	.....	23295
G5338.00	.....	19720	G5828.00	.....	940	G6012.00	.....	22030	G6136.00	.....	23290
G5340.00	.....	19790	G5854.00	.....	975	G6014.00	.....	22050	G6138.00	.....	22730
G5340.4	.....	19785	G5856.00	.....	980	G6016.00	.....	22085	G6140.00	.....	22520
G5357.4	.....	19800	G5857.00	.....	965	G6016.20	.....	22090	G6141.00	.....	22745
G5358	.....	19810	G5858.00	.....	970	G6017.00	.....	22060	G6141.40	.....	22760
G5360.00	.....	20370	G5859.00	.....	960	G6018.00	.....	22120	G6156.40	.....	22700
G5362.00	.....	20365	G5860.00	.....	955	G6019.00	.....	22125	G6157.00	.....	22620
G5364.00	.....	20355	G5861.00	.....	950	G6020.00	.....	22115	G6158.00	.....	22610
G5365.00	.....	20360	G5862.00	.....	945	G6032.00	.....	22135	G6160.00	.....	22600
G5366.00	.....	20345	G5863.80	.....	21870	G6034.00	.....	22225	G6162.00	.....	22570
G5367.00	.....	20350	G5864.00	.....	21860	G6034.50	.....	22235	G6164.00	.....	22555
G5368.00	.....	20325	G5866.00	.....	21865	G6035.00	.....	22205	G6166.00	.....	22670
G5369.00	.....	20335	G5884.00	.....	21880	G6035.20	.....	22200	G6166.20	.....	22675
G5371.00	.....	20320	G5888.00	.....	21900	G6035.30	.....	22215	G6166.40	.....	22685
G5373.00	.....	20330	G5889.00	.....	21905	G6035.40	.....	22210	G6168.00	.....	22825
G5378.00	.....	20380	G5910.00	.....	21850	G6035.60	.....	22220	G6170.00	.....	22830
G5378.60	.....	20410	G5914.00	.....	21855	G6038.00	.....	22245	G6171.00	.....	22835
G5379.00	.....	20405	G5916.00	.....	24350	G6042.00	.....	22255	G6172.00	.....	22840
G5380.00	.....	20420	G5918.00	.....	24360	G6043.00	.....	22265	G6174.00	.....	22845
G5382.00	.....	20395	G5920.00	.....	24365	G6044.00	.....	22280	G6175.00	.....	22850
G5383.00	.....	20390	G5928.00	.....	24420	G6045.00	.....	22295	G6176.00	.....	22865
G5384.00	.....	20385	G5930.00	.....	24430	G6046.00	.....	22300	G6180.00	.....	22890
G5386.00	.....	20400	G5935.00	.....	24435	G6048.00	.....	22305	G6181.00	.....	22900
G5388.00	.....	20450	G5936.00	.....	24440	G6052.00	.....	22330	G6181.10	.....	22905
G5394.00	.....	20435	G5938.00	.....	24395	G6060.00	.....	22350	G6181.40	.....	22795
G5394.10	.....	20440	G5940.00	.....	24410	G6063.00	.....	22340	G6181.60	.....	22800
G5400.00	.....	20470	G5944.00	.....	24450	G6064.00	.....	22335	G6182.00	.....	22815
G5401.00	.....	20480	G5947.00	.....	24465	G6068.00	.....	22360	G6193.00	.....	22895
G5414.00	.....	20490	G5948.00	.....	24475	G6070.00	.....	22365	G6194.00	.....	22965
G5419.00	.....	20510	G5949.00	.....	24485	G6072.00	.....	22370	G6196.00	.....	22970
G5419.40	.....	20515	G5950.00	.....	24635	G6097.00	.....	22445	G6202.00	.....	22975

**CROSS REFERENCE - INTERNATIONAL VS. U.S. LIGHT NUMBER**

Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.
G6203.00		22980	G6328.00		23985	G6446.00		23615	G6528.00		23955
G6203.1		22985	G6329.00		23990	G6448.00		23640	G6530.00		23945
G6204.00		22990	G6332.00		25315	G6450.00		23620	G6534.00		23825
G6206.00		23000	G6333.00		25310	G6454.00		23645	G6535.00		23840
G6208.00		23025	G6334.00		25275	G6455.00		23650	G6536.00		23855
G6210.00		23030	G6335.00		25300	G6456.00		23655	G6538.00		23850
G6212.00		23035	G6335.50		25295	G6458.00		23775	G6540.00		23860
G6214.00		23045	G6336.00		25285	G6458.20		23785	G6541.00		23865
G6218.00		23055	G6338.00		25305	G6458.40		23790	G6542.00		23870
G6219.00		23060	G6342.00		25260	G6458.50		23795	G6543		23880
G6220.00		23070	G6342.50		25265	G6460.00		23800	G6544.00		23885
G6224.00		23080	G6343.00		25255	G6462.00		23665	G6545.00		23890
G6228.00		23085	G6343.50		25245	G6465.40		23675	G6546.00		23895
G6229.00		23095	G6344.00		25240	G6465.50		23710	G6548.00		23905
G6230.00		23100	G6345.00		25230	G6466.00		23725	G6558.00		23910
G6234.00		23105	G6346.00		25225	G6467.00		23740	G6558.10		25410
G6235.00		23110	G6347.00		25215	G6468.00		23770	G6564.00		25440
G6236.00		23120	G6362.00		24065	G6472.00		23803	G6582.00		1100
G6238.00		23125	G6364.00		24070	G6473.00		23805	G6585.00		25455
G6240.00		23130	G6366.00		24080	G6474.00		23815	G6586.00		25460
G6240.10		23170	G6368.00		24085	G6476.00		24130	G6587.00		25465
G6244.00		23175	G6370.00		24100	G6477.00		24120	G6588.00		25470
G6248.00		23190	G6372.00		24105	G6478.00		24125	G6590.00		25450
G6250.00		22775	G6374.00		24116	G6479.00		24135	G6592.00		1125
G6252		22785	G6378.00		24895	G6480.00		24140	G6599.00		25980
G6254.00		23215	G6386.00		24915	G6481.00		24150	G6600.00		25975
G6256		23240	G6388.00		24925	G6481.20		24155	G6601.00		25970
G6258.00		23245	G6389.00		24945	G6484.00		24175	G6602.00		25965
G6260.00		23250	G6392.00		24950	G6488.00		24180	G6604.00		25945
G6264.00		23260	G6393.00		24955	G6490.00		24205	G6606.00		25920
G6268.00		23570	G6394.00		24960	G6492.00		24195	G6610.00		25915
G6269.00		23565	G6394.40		24970	G6492.50		24200	G6614.00		25925
G6270.00		23555	G6394.60		24975	G6496.00		24235	G6616.00		25910
G6271.00		23550	G6397.00		25005	G6498.00		24225	G6618.00		25905
G6271.30		23315	G6398.00		25015	G6500.00		24230	G6620.00		25860
G6271.50		23325	G6402.00		25055	G6511.50		24315	G6622.00		25865
G6272.00		23340	G6402.20		25060	G6511.70		24310	G6624.00		25870
G6273.00		23350	G6407.40		25065	G6512.00		25395	G6632.00		25875
G6274.00		23360	G6422.00		23575	G6513.00		25390	G6633.00		25845
G6276.00		23545	G6424.00		23580	G6513.20		25380	G6634.00		25850
G6284.00		23435	G6427.00		23265	G6513.50		25375	G6636.00		25535
G6315.00		23470	G6428.00		23270	G6514.00		1075	G6640.00		25560
G6316.00		23510	G6430.00		23275	G6518.00		1065	G6640.50		25565
G6318.00		23515	G6432.00		23280	G6520.00		1055	G6641.00		25570
G6319.00		23520	G6434.00		23595	G6524.00		23975	G6642.00		25545
G6320.00		23525	G6436.00		23600	G6526.00		23970	G6643.00		25650
G6322.00		23540	G6438.00		23605	G6527.00		23965	G6645.00		25605
G6326.00		23530	G6440.00		23610	G6527.50		23960	G6646.00		25625

## CROSS REFERENCE - INTERNATIONAL VS. U.S. LIGHT NUMBER

Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.
G6647.00	.....	25610	G6740.60	.....	26435	G6892.00	.....	27220	G7222.00	.....	28010
G6648.00	.....	25630	G6740.61	.....	26440	G6896.00	.....	27205	G7226.00	.....	28325
G6650.00	.....	25510	G6764.00	.....	26465	G6897.00	.....	27300	G7228.00	.....	28270
G6651.00	.....	25525	G6766.00	.....	27050	G6897.20	.....	27325	G7229.00	.....	28285
G6651.50	.....	25530	G6770.00	.....	27035	G6897.40	.....	27405	G7229.10	.....	28290
G6652.00	.....	25655	G6776.00	.....	27010	G6897.60	.....	27410	G7229.20	.....	28310
G6653.00	.....	25665	G6778.00	.....	26505	G6898.00	.....	27415	G7229.30	.....	28315
G6654.00	.....	25670	G6784.00	.....	26490	G6899.00	.....	27420	G7229.40	.....	28320
G6655.00	.....	25705	G6786.00	.....	26495	G6899.20	.....	27425	G7230.00	.....	28220
G6655.20	.....	25715	G6788.00	.....	26510	G6902.00	.....	1200	G7231.00	.....	28215
G6655.30	.....	25725	G6790.00	.....	26525	G6912.00	.....	1220	G7232.00	.....	28195
G6660.00	.....	25780	G6792.00	.....	26533	G6916.00	.....	1230	G7232.40	.....	28205
G6660.20	.....	25785	G6794.00	.....	27020	G6920.00	.....	1235	G7234.00	.....	28185
G6660.60	.....	25800	G6795.00	.....	27025	G6922.00	.....	1240	G7236.00	.....	28150
G6661.00	.....	25815	G6808.00	.....	26925	G6956.40	.....	27530	G7240.00	.....	28145
G6661.20	.....	25820	G6809.00	.....	26935	G6956.60	.....	27540	G7242.00	.....	28140
G6661.40	.....	25825	G6811.00	.....	26910	G6960.00	.....	27555	G7249.00	.....	28135
G6662.00	.....	1145	G6813.00	.....	26855	G6961.00	.....	27575	G7254.00	.....	28410
G6666.00	.....	25995	G6813.20	.....	26860	G6961.30	.....	27580	G7258.00	.....	28405
G6668.00	.....	26000	G6813.40	.....	26865	G6962.00	.....	1245	G7260.00	.....	28415
G6670.00	.....	26020	G6813.80	.....	26875	G6976.00	.....	1250	G7262.00	.....	28420
G6671.00	.....	26025	G6820.00	.....	1185	G6984.00	.....	1260	G7262.10	.....	28425
G6671.20	.....	26040	G6821.00	.....	26630	G6990.60	.....	27785	G7266.00	.....	28460
G6671.30	.....	26050	G6821.50	.....	26640	G6992	.....	27795	G7267.00	.....	28470
G6671.40	.....	26045	G6822.80	.....	26745	G7000.00	.....	27810	G7267.10	.....	28475
G6674.00	.....	1150	G6822.82	.....	26740	G7000.1	.....	27815	G7270.00	.....	28330
G6678.00	.....	26055	G6826.00	.....	26680	G7004.00	.....	1285	G7274.00	.....	28340
G6704.00	.....	26075	G6828.00	.....	26765	G7009.00	.....	1290	G7274.10	.....	28345
G6704.20	.....	26170	G6828.10	.....	26770	G7046.00	.....	27920	G7280.00	.....	28350
G6707.00	.....	26190	G6830.00	.....	26590	G7048.00	.....	27925	G7282.00	.....	28355
G6708.00	.....	26200	G6831.00	.....	26580	G7082.00	.....	1340	G7286.00	.....	28385
G6709.00	.....	26210	G6832.00	.....	26560	G7084.00	.....	1345	G7288.00	.....	28390
G6709.40	.....	26225	G6844.00	.....	27060	G7088.00	.....	27975	G7292.00	.....	28575
G6710.00	.....	26230	G6854.00	.....	27125	G7090.00	.....	27980	G7296.00	.....	28670
G6714.00	.....	26250	G6858.00	.....	27120	G7102.00	.....	1355	G7306.00	.....	28605
G6724.00	.....	26275	G6860.00	.....	27080	G7106.00	.....	1360	G7306.10	.....	28610
G6725.00	.....	26255	G6862.00	.....	27105	G7119.00	.....	1365	G7316.00	.....	28535
G6726.00	.....	26280	G6863.00	.....	27110	G7120.00	.....	27985	G7318.00	.....	28555
G6727.00	.....	26300	G6874.00	.....	27130	G7124.00	.....	27995	G7321.00	.....	28520
G6728.00	.....	26285	G6876.00	.....	27135	G7127.00	.....	28000	G7322.90	.....	28715
G6728.40	.....	26295	G6878.00	.....	27145	G7200.00	.....	28050	G7323.00	.....	28710
G6729.00	.....	26310	G6880.00	.....	27155	G7202.00	.....	28060	G7323.10	.....	28720
G6731.00	.....	26325	G6882.00	.....	27170	G7202.10	.....	28065	G7324.00	.....	28675
G6731.40	.....	26340	G6885.00	.....	27180	G7209.00	.....	28040	G7325.40	.....	28810
G6732.00	.....	26345	G6886.00	.....	27185	G7210.00	.....	28030	G7325.50	.....	28815
G6733.00	.....	26335	G6887.00	.....	27190	G7212.00	.....	28025	G7325.70	.....	28825
G6740.40	.....	26410	G6888.00	.....	27195	G7214.00	.....	28020	G7325.72	.....	28860
G6740.41	.....	26415	G6890.00	.....	27230	G7218.00	.....	28015	G7325.75	.....	28875

# CROSS REFERENCE - INTERNATIONAL VS. U.S. LIGHT NUMBER

Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.	Inter.	-	U.S.
G7325.76	.....	28880	G7500.00	.....	29737						
G7326.00	.....	28925	G7502.60	.....	29910						
G7328.00	.....	29060	G7504.00	.....	29905						
G7332.00	.....	29100	G7508.00	.....	29865						
G7332.10	.....	29105	G7520.00	.....	29850						
G7338.00	.....	29170	G7540.00	.....	29935						
G7342.00	.....	29185	G7584.00	.....	29950						
G7342.10	.....	29190	G7584.10	.....	29955						
G7363.00	.....	29245	G806A.00	.....	27030						
G7363.10	.....	29250	K4573.00	.....	30240						
G7363.30	.....	29265	K4576.00	.....	30185						
G7363.50	.....	29275	K4580.00	.....	30190						
G7363.60	.....	29280	K4580.10	.....	30195						
G7363.70	.....	29290									
G7364.00	.....	29295									
G7364.20	.....	29300									
G7364.30	.....	29305									
G7364.40	.....	29310									
G7370.00	.....	29380									
G7370.10	.....	29385									
G7375.00	.....	29405									
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	.....	29515									
G7414.00	.....	29570									
G7430.00	.....	29650									
G7442.00	.....	29675									
G7443.00	.....	29680									
G7443.10	.....	29685									
G7450.50	.....	29695									
G7482.00	.....	29755									
G7484.00	.....	29770									
G7488.00	.....	29700									
G7488.10	.....	29810									
G7498.00	.....	29740									