U.S. Department of
Homeland Security

United States
Coast Guard

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

2012

COMDTPUB P16502.6

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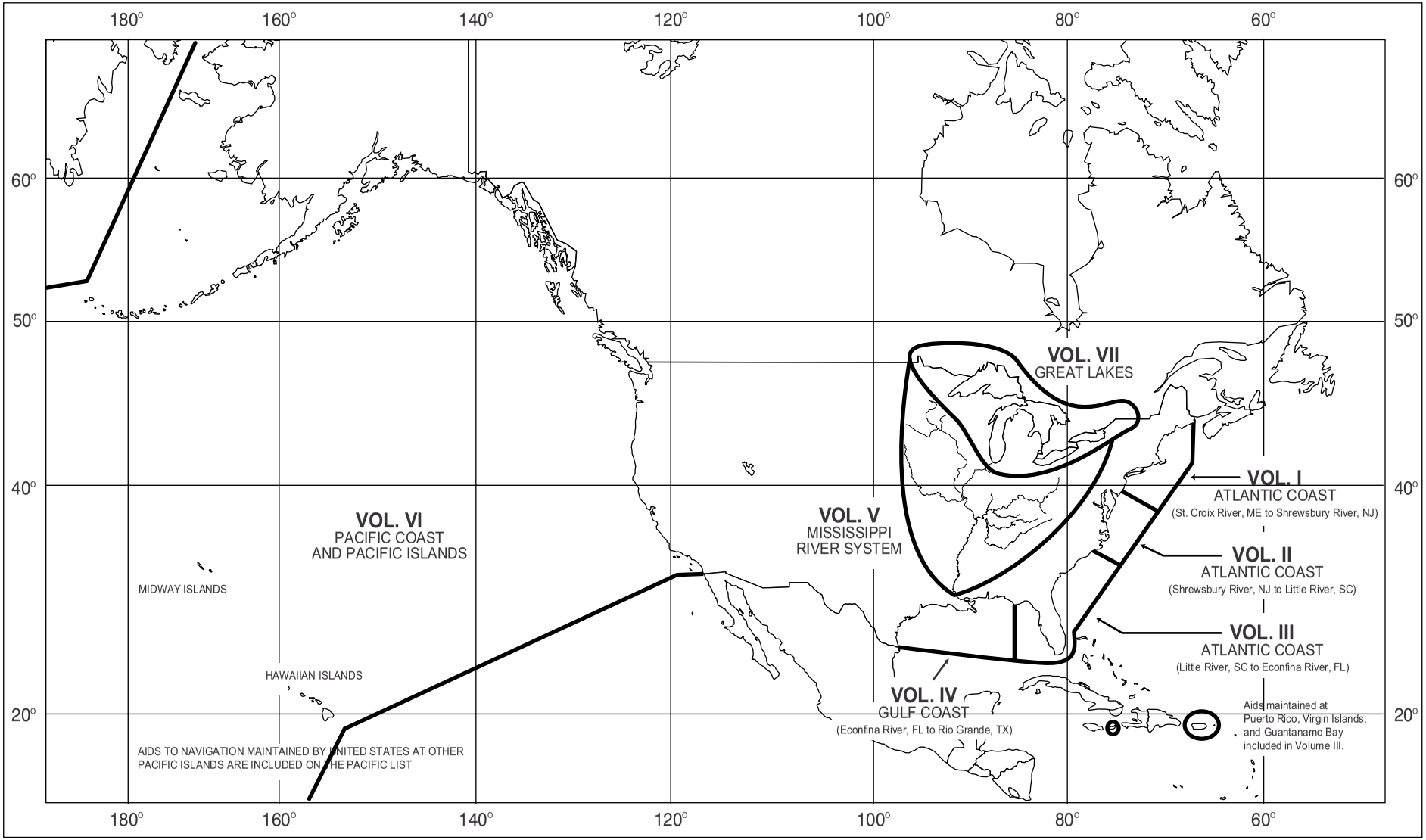
Washington, DC 20402

LIMITS OF LIGHT LISTS PUBLISHED BY

U.S. COAST GUARD



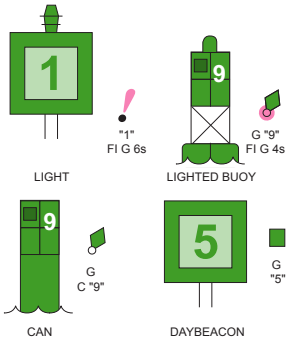
U.S. AIDS TO NAVIGATION SYSTEM
on navigable waters except Western Rivers

LATERAL SYSTEM AS SEEN ENTERING FROM SEAWARD

PORT SIDE
ODD NUMBERED AIDS

GREEN LIGHT ONLY

FLASHING (2)
FLASHING
OCCULTING
QUICK FLASHING
ISO

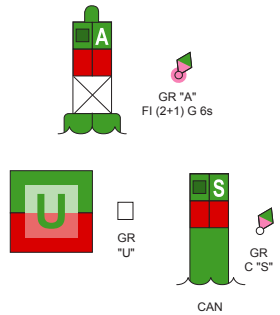


PREFERRED CHANNEL
NO NUMBERS - MAY BE LETTERED

PREFERRED
CHANNEL TO
STARBOARD
TOPMOST BAND
GREEN

GREEN LIGHT ONLY

COMPOSITE GROUP FLASHING (2+1)



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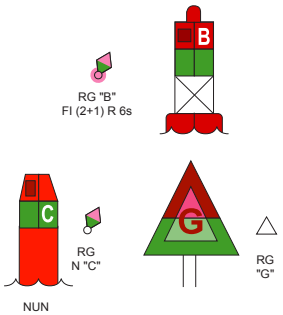
NO NUMBERS - MAY BE LETTERED

PREFERRED
CHANNEL TO
PORT
TOPMOST BAND
RED

RED LIGHT ONLY

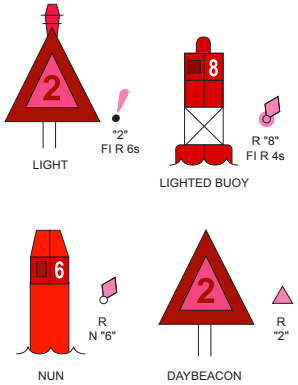
COMPOSITE GROUP FLASHING (2+1)



STARBOARD SIDE
EVEN NUMBERED AIDS

RED LIGHT ONLY

FLASHING (2)
FLASHING
OCCULTING
QUICK FLASHING
ISO

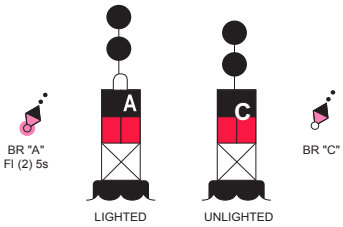


AIDS TO NAVIGATION HAVING NO LATERAL SIGNIFICANCE

ISOLATED DANGER
NO NUMBERS - MAY BE LETTERED

WHITE LIGHT ONLY

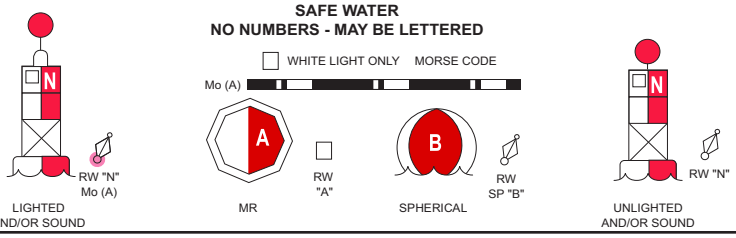
Fl (2) 5s



SAFE WATER
NO NUMBERS - MAY BE LETTERED

WHITE LIGHT ONLY MORSE CODE

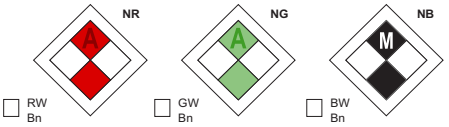
Mo (A)



RANGE DAYBOARDS MAY BE LETTERED

DAYBOARDS - MAY BE LETTERED

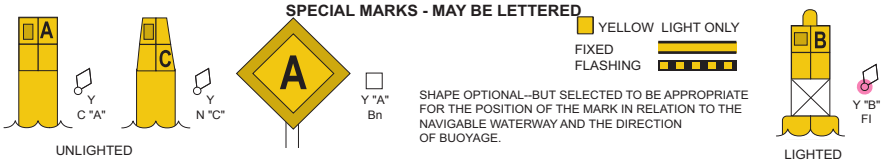
WHITE LIGHT ONLY



SPECIAL MARKS - MAY BE LETTERED

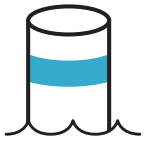
YELLOW LIGHT ONLY

FIXED
FLASHING



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

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.



MOORING
BUOY

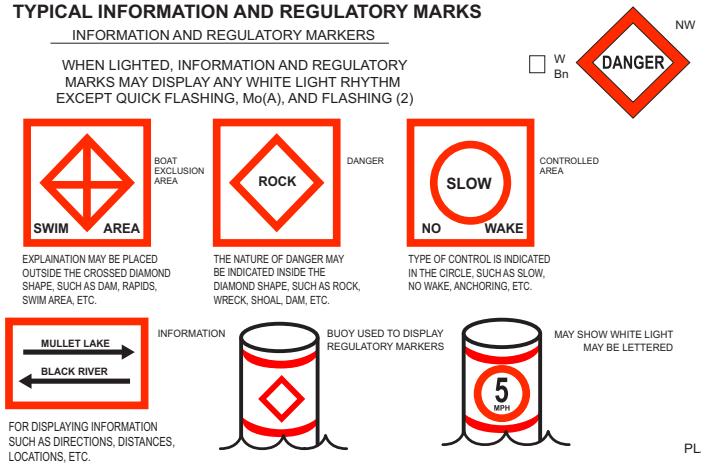
WHITE WITH BLUE BAND

MAY SHOW WHITE
REFLECTOR OR LIGHT

TYPICAL INFORMATION AND REGULATORY MARKS

INFORMATION AND REGULATORY MARKERS

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



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

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

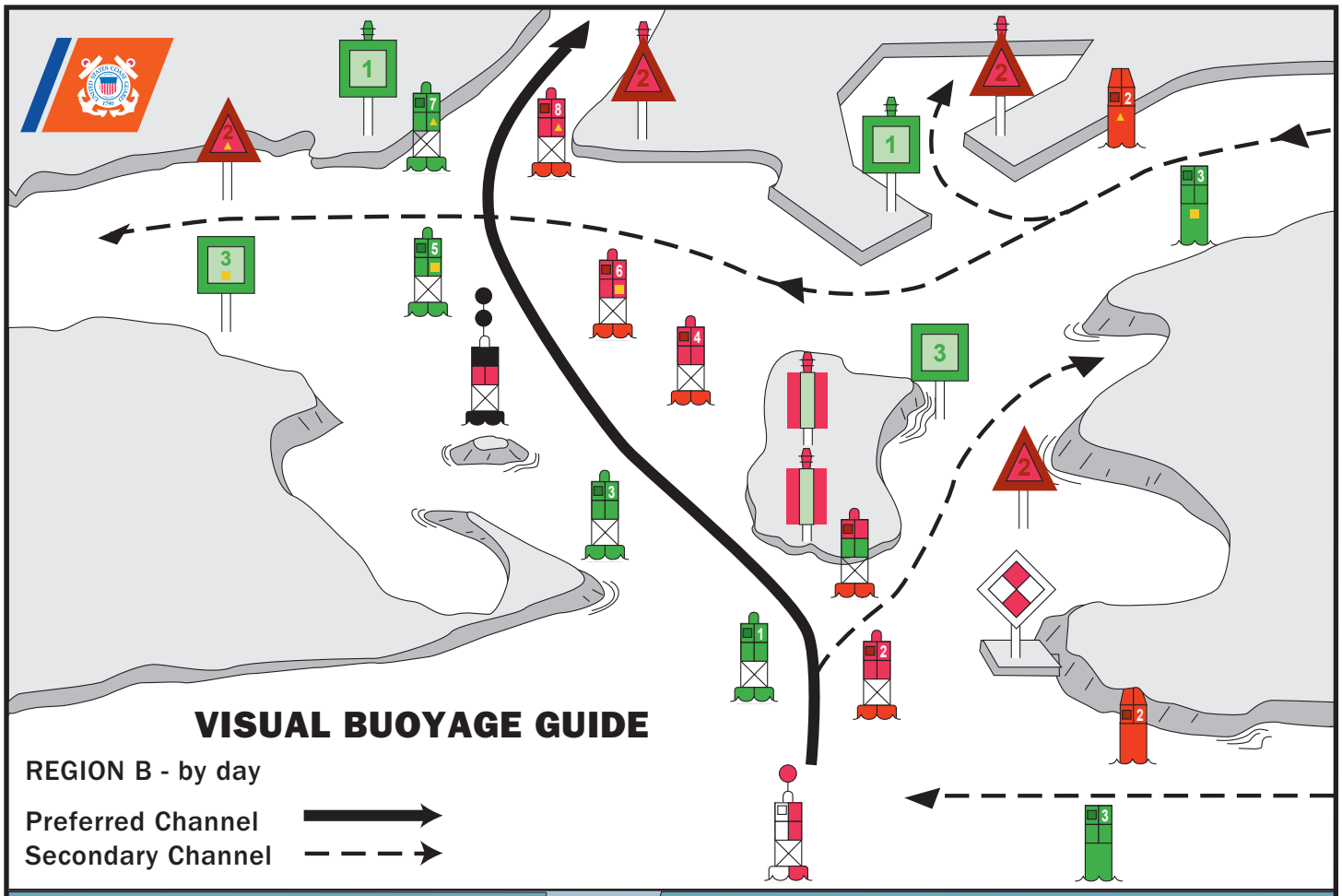
TYPE OF CONTROL IS INDICATED IN THE CIRCLE, SUCH AS SLOW, NO WAKE, ANCHORING, ETC.

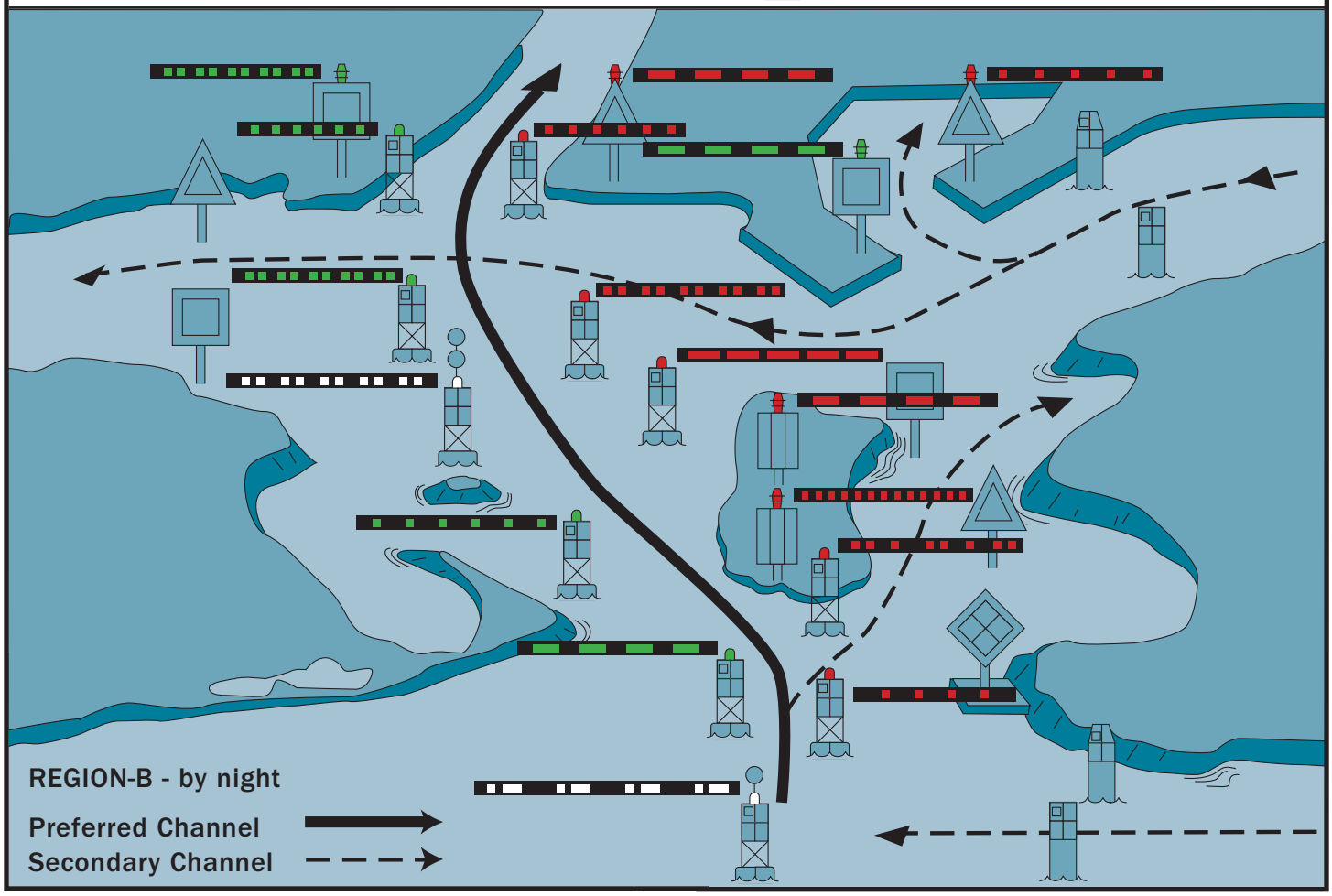
FOR DISPLAYING INFORMATION SUCH AS DIRECTIONS, DISTANCES, LOCATIONS, ETC.

BUOY USED TO DISPLAY REGULATORY MARKERS

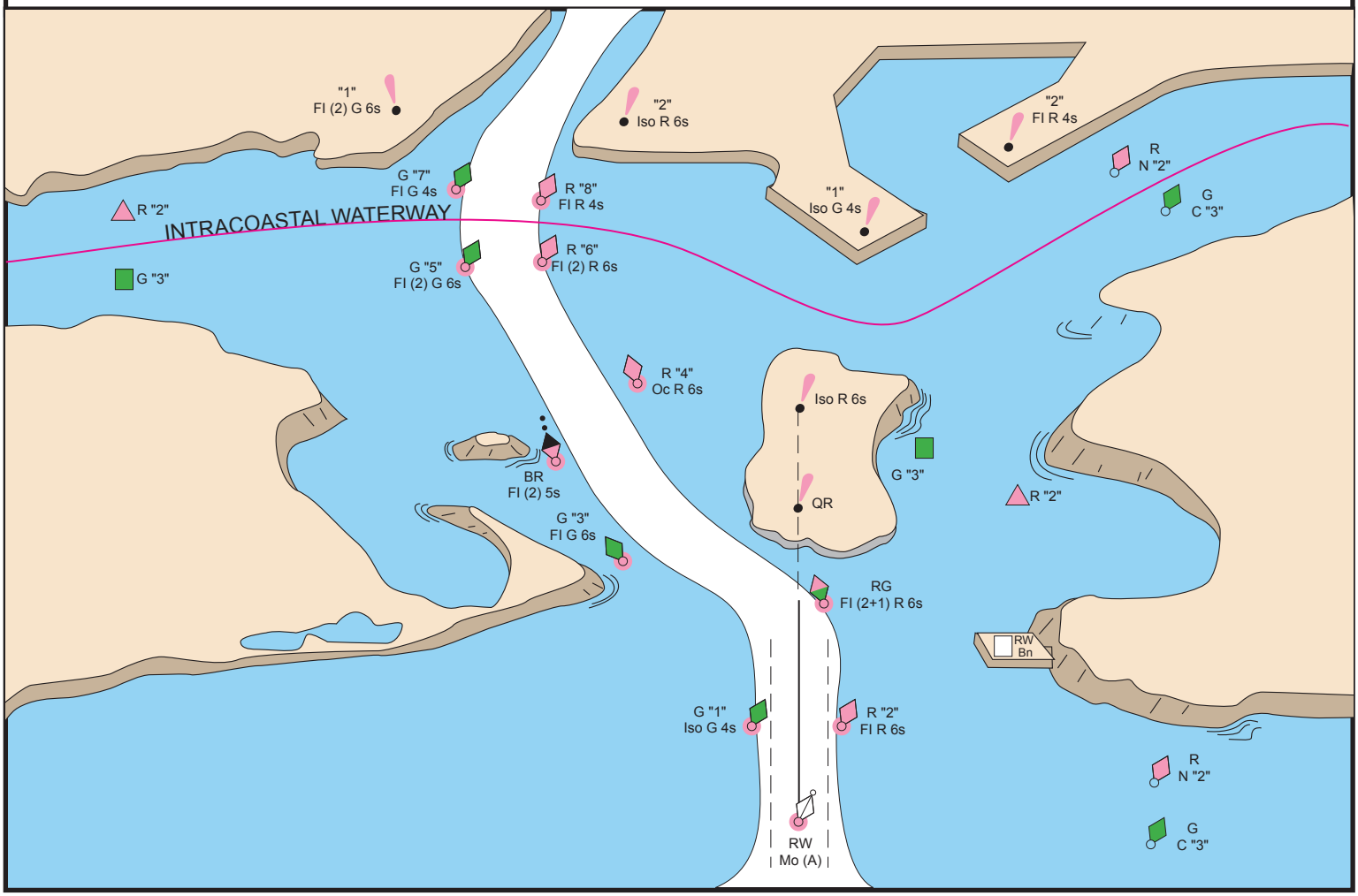
MAY SHOW WHITE LIGHT MAY BE LETTERED

PLATE 1


VISUAL BUOYAGE GUIDE
REGION B - by day
Preferred Channel
Secondary Channel


REGION-B - by night
Preferred Channel
Secondary Channel

FICTITIOUS NAUTICAL CHART



U.S. AIDS TO NAVIGATION SYSTEM

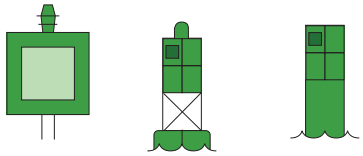
on the Western River System

AS SEEN ENTERING FROM SEAWARD

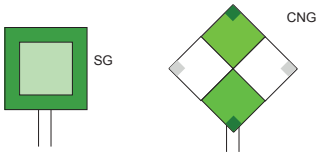
PORT SIDE
OR RIGHT DESCENDING BANK

GREEN OR WHITE LIGHTS

FLASHING
ISO



LIGHT LIGHTED BUOY CAN



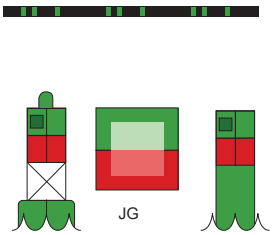
PASSING DAYBEACON CROSSING DAYBEACON

176.9

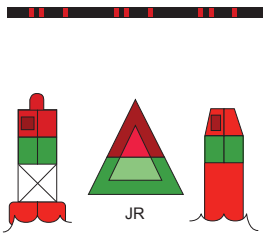
MILE BOARD

PREFERRED CHANNEL
MARK JUNCTIONS AND OBSTRUCTIONS
COMPOSITE GROUP FLASHING (2+1)

PREFERRED CHANNEL
TO STARBOARD
TOPMOST BAND GREEN
FI (2+1) G

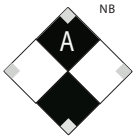


PREFERRED CHANNEL
TO PORT
TOPMOST BAND RED
FI (2+1) R



DAYBOARDS HAVING NO LATERAL SIGNIFICANCE

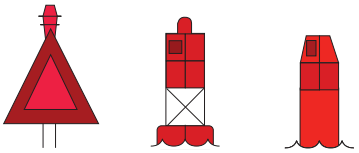
MAY BE LETTERED WHITE LIGHT ONLY



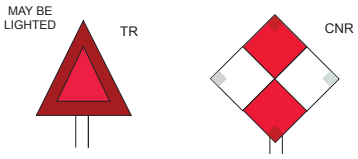
STARBOARD SIDE
OR LEFT DESCENDING BANK

RED OR WHITE LIGHTS

FLASHING (2)
ISO



LIGHT LIGHTED BUOY NUN



PASSING DAYBEACON CROSSING DAYBEACON

123.5

MILE BOARD

SPECIAL MARKS--MAY BE LETTERED

UNLIGHTED LIGHTED

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

YELLOW LIGHT ONLY
FIXED
FLASHING

MOORING
BUOY
WHITE WITH BLUE BAND

MAY SHOW WHITE
REFLECTOR OR LIGHT

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)

NW WHITE LIGHT ONLY

BOAT
EXCLUSION
AREA

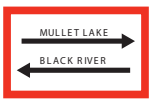
EXPLAINATION MAY BE PLACED OUTSIDE THE CROSSED DIAMOND SHAPE, SUCH AS DAM, RAPIDS, SWIM AREA, ETC.

DANGER

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

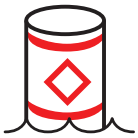
CONTROLLED
AREA

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



INFORMATION

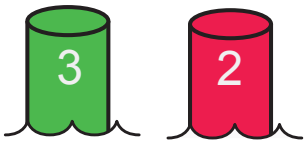
FOR DISPLAYING INFORMATION SUCH AS DIRECTIONS, DISTANCES, LOCATIONS, ETC.



BUOY USED TO DISPLAY REGULATORY MARKERS

MAY SHOW WHITE LIGHT
MAY BE LETTERED

STATE WATERS



INLAND (STATE) WATERS OBSTRUCTION MARK

MAY SHOW WHITE
REFLECTOR OR QUICK FLASHING WHITE LIGHT

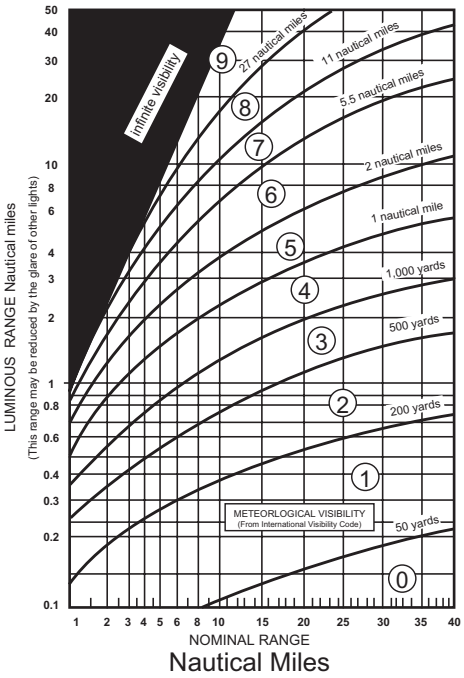
BLACK-STRIPED
WHITE BUOY

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.



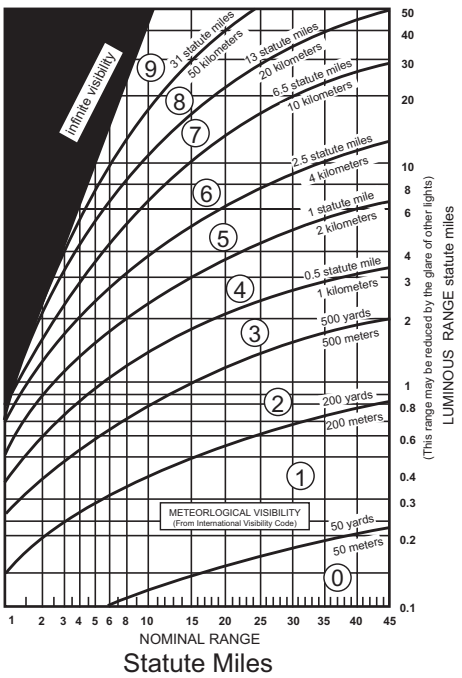
METEOROLOGICAL VISIBILITY
(From International Visibility Code)

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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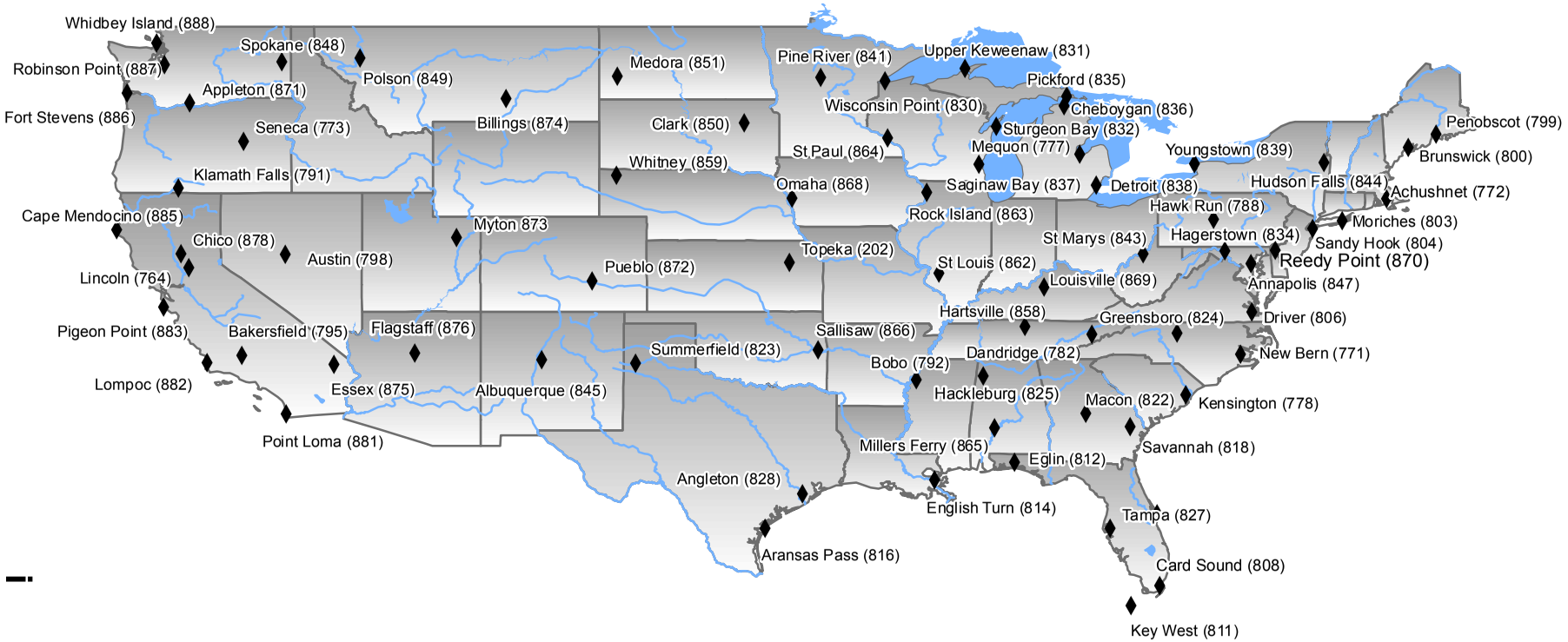

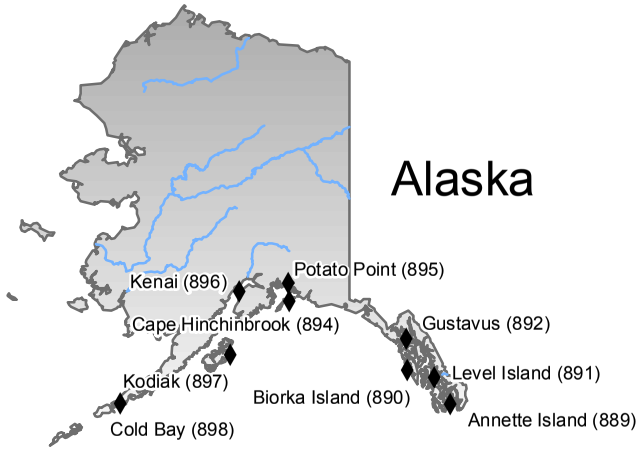

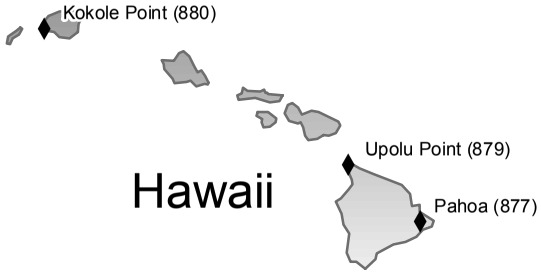

July 2011

COAST GUARD DISTRICT COMMANDERS

DISTRICT	ADDRESS	WATERS OF JURISDICTION
FIRST	408 Atlantic Avenue Boston, MA 02110-3350 Tel: (617) 223-8351 http://www.uscg.mil/d1	Maine, New Hampshire, Massachusetts, Vermont (Lake Champlain), Rhode Island, Connecticut, New York, to Shrewsbury River, New Jersey.
FIFTH	Federal Building 431 Crawford Street Portsmouth, VA 23704-5004 Tel: (757) 398-6486 (757) 398-6231 http://www.uscg.mil/d5	Shrewsbury River, New Jersey to Delaware, Maryland, Virginia, District of Columbia, and North Carolina.
SEVENTH	Brickell Plaza Federal Building 909 SE 1st Avenue; Rm:406 Miami, FL 33131-3050 Tel: (305) 415-6752 (305) 415-6800 http://www.uscg.mil/d7	South Carolina, Georgia, Florida to 83°50'W, and Puerto Rico and adjacent islands of the United States.
EIGHTH	Hale Boggs Federal Building 500 Poydras Street New Orleans, LA 70130-3310 Tel: (504) 671-2327 (504) 671-2137 http://www.uscg.mil/d8	Florida westward from 83°50'W, Alabama, Mississippi, Louisiana, Texas, the Mississippi River System except that portion of the Illinois River north of Joliet, Illinois.
NINTH	1240 East 9th Street Cleveland, OH 44199-2060 Tel: (216) 902-6060 (216) 902-6117 http://www.uscg.mil/d9	Great Lakes and St. Lawrence River above St. Regis River.
ELEVENTH	Coast Guard Island Building 50-6 Alameda, CA 94501-5100 Tel: (510) 437-2976 http://www.uscg.mil/d11	California.
THIRTEENTH	Federal Building 915 Second Avenue 35th Floor, Rm 3510 Seattle, WA 98174-1067 Tel: (206) 220-7270 (206) 220-7004 http://www.uscg.mil/d13	Oregon, Washington, Idaho, and Montana.
FOURTEENTH	Prince Kalanianaole Federal Bldg. 300 Ala Moana Blvd 9th Floor, Room 9-220 Honolulu, HI 96850-4982 Tel: (808) 535-3409 (808) 535-3414 http://www.uscg.mil/d14	Hawaiian, American Samoa, Marshall, Marianas, and Caroline Islands.
SEVENTEENTH	PO Box 25517 Juneau, AK 99802-5517 Tel: (907) 463-2262 (907) 463-2004 http://www.uscg.mil/d17	Alaska.

U. S. COAST GUARD
ELEVENTH DISTRICT UNIT LISTING

AIDS TO NAVIGATION TEAMS

ANT Humboldt Bay
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) 732-7310

ANT San Diego
2710 Harbor Drive North
San Diego, CA 92101-1079
Tel: (619) 278-7280

ANT San Francisco
Yerba Buena Island
San Francisco, CA 94130-5013
Tel: (415) 399-3581

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) 732-7230

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 FIR (WLB-213)
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 KUKUI (WLB 203)
400 Sand Island Access Road
Honolulu, HI 96819-4398
Tel: (808) 842-2860

USCGC SEQUOIA (WLB 215)
FPO AP 96678-3922
Tel: (671) 355-4885

USCGC WALNUT (WLB 205)
400 Sand Island Access Road
Honolulu, HI 96819-4398
Tel: (808) 842-2865

U. S. COAST GUARD
SEVENTEENTH DISTRICT UNIT LISTING

AIDS TO NAVIGATION TEAMS

ANT KODIAK
P.O. BOX 195098
Kodiak, AK 99619-5098
Tel: (907) 487-5181

ANT SITKA
613 Airport Road
Sitka, AK 99835
Tel: (907) 966-5410

BUOY TENDERS

USCGC ANTHONY PETIT (WLM 558)
1340 Stedman Street
Ketchikan, AK 99901
Tel: (907) 228-0356

USCGC ELDERBERRY (WLI 65401)
PO Box 550
Petersburg, AK 99833-0550
Tel: (907) 772-4225

USCGC HICKORY (WLB 212)
4688 Homer Spit Rd.
Homer, AK 99603-8001
Tel: (907) 235-5233

USCGC MAPLE (WLB 207)
1480 Seward Avenue
Sitka, AK 99835-9454
Tel: (907) 966-5470

USCGC SPAR (WLB 206)
PO Box 190651
c/o CG ISC
Kodiak, AK 99169-0651
Tel: (907) 487-5344

USCGC SYCAMORE (WLB 209)
PO Box 300
Cordova, AK 99574
Tel: (907) 424-3434

USCG NAVIGATION CENTER
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, NDGPS, DGPS, and LNM information at 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 and DGPS safety advisory broadcast messages through USCG broadcast station utilizing VHF-FM voice, HF-SSB voice, and NAVTEX broadcasts. The broadcasts provide the GPS and DGPS user in the marine environment with the current status of the navigation systems, as well as any planned/unplanned system outages that could affect GPS and DGPS 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
Internet: http://www.navcen.uscg.gov

This Light List is corrected through:

Eleventh Coast Guard District Local Notice to Mariners No. 01/12

Thirteenth Coast Guard District Local Notice to Mariners No. 01/12

Fourteenth Coast Guard District Local Notice to Mariners No. 01/12

Seventeenth Coast Guard District Local Notice to Mariners No. 01/12

and through National Geospatial-Intelligence Agency (NGA) Notice to Mariners No. 03/12

The 2012 print edition supersedes the 2011 print edition.

RECORD OF CORRECTIONS

YEAR 2012

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PREFACE

Lights and other marine aids to navigation, maintained by or under authority of the U.S. Coast Guard and located on waters used by general navigation, are described in the Light List. This volume includes aids to navigation located on the Pacific Coast, Pacific Islands, and the Coast of Alaska.

Included are all Coast Guard aids to navigation used for general navigation such as lights, sound signals, buoys, daybeacons, and other aids to navigation. Not included are some buoys having no lateral significance, such as special purpose, anchorage, fish net, and dredging.

Aids to Navigation Link: http://www.uscgboating.org
CAUTION: Mariners attempting to pass a buoy close aboard risk collision with a yawing buoy or with the obstruction, which the buoy marks. Mariners must not rely on buoys alone for determining their positions due to factors limiting buoy reliability.

PRIVATE AIDS TO NAVIGATION

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

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

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

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

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

The electronic version of this publication is updated monthly and is available at:
http://www.navcen.uscg.gov/?pageName=lightLists

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

Mariners and others are requested to bring any apparent errors or omissions in these lists to the attention of:

Commander (dpw)
Eleventh Coast Guard District
Building 50-6
Coast Guard Island
Alameda, CA 94501-5100

Commander (dpw)
Thirteenth Coast Guard District
915 2nd Avenue 35th Floor, Rm 3510
Seattle, WA 98174-1067

or

USCG Navigation Center
Charting Branch
MS 7310
7323 Telegraph Road
Alexandria, VA 20598-7310
Email: TIS-PF-NISWS@USCG.MIL

Commander (dpw)
Fourteenth Coast Guard District
300 Ala Moana Blvd.
Room 9-220
Honolulu, Hi 96850-4982

Commander (dpw)
Seventeenth Coast Guard District
PO Box 25517
Juneau, AK 99802-5517

INTRODUCTION

Arrangement. Aids to navigation on the coasts are arranged 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 arranged from east to west and from south to north, except on Lake Michigan which is arranged from north to south. Seacoast aids to navigation are listed first, followed by entrance and harbor aids to navigation, listed from seaward to the head of navigation.

Names of aids to navigation are printed as follows to help distinguish at a glance the type of aid to navigation listed:

Seacoast/Lake coast Lights and Secondary Lights
RACONS
Sound Signals
RIVER, HARBOR, AND OTHER LIGHTS
Lighted Buoys
Daybeacons and Unlighted Buoys

Light List Numbers are assigned to all Federal aids to navigation and many private aids to navigation for reference in the Light List. Aids to navigation are 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 of the aid to navigation.
A dash (–) is used to indicate the bold heading is part of the name of the aid to navigation. When reporting discrepancies or making reference to such aids to navigation in correspondence, the full name of the aid, including the geographic heading, should be given.

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

Bearings on rangelines are given in degrees and tenths.

Column (3): Geographic position of the aid to navigation in latitude and longitude. Positions are approximate and only intended to facilitate locating the aid on a chart.

Column (4): Light characteristic for lighted aid to navigation.

Column (5): Height above water from the focal plane of the fixed light to mean high water, listed in feet.

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

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 characteristic including the VHF-FM channel if remotely activated, RACON, light sector arc of visibility, radar reflector, emergency lights, seasonal remarks, and Private AtoN identification.

Abbreviations used in the Light Lists.

Al - Alternating	Y - Yellow
bl - blast	MHz - Megahertz
C - Canadian	Mo - Morse Code
ec - Eclipse	Oc - Occulting
ev - Every	ODAS - Anchored Oceanographic Data Buoy
F - Fixed	Q - Quick (Flashing)
fl - flash	Ra ref - Radar reflector
Fl - Flashing	s - seconds
Fl(2) - Group flashing	si - silent
I - Interrupted	SPM - Single Point Mooring Buoy
Iso - Isophase (Equal interval)	SS -Sound Signal
kHz - Kilohertz	W - White
LFl - Long Flash	
lt - Lighted	

U.S. COAST GUARD LIGHT LISTS

Coast Guard Light Lists are sold by the Superintendent of Documents, U.S. Government Printing Office (GPO) and can be ordered by phone: (202) 512-1800; FAX: (202) 512-2250; Web: http://bookstore.gpo.gov; or mail: Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954. Light Lists are also available at GPO Bookstores and from GPO Sales Agents. The Light Lists can also be found online.

NOTICES TO MARINERS

Broadcast Notices to Mariners are made by the Coast Guard through Coast Guard and Navy radio stations. These broadcast notices, which are broadcast on VHF-FM, NAVTEX, and other maritime frequencies, are navigational warnings that contain information of importance to the safety of navigation. Included are reports of deficiencies and changes to aids to navigation, the positions of ice and derelicts, and other important hydrographic information.

Radio stations broadcasting Notices to Mariners are listed in the National Ocean Service Coast Pilots and in the National Geospatial-Intelligence Agency publication Radio Navigational Aids (CDPUBRA117).

Local Notice to Mariners (U.S. regional coverage) are another means by which the Coast Guard disseminates navigation information for the United States, its territories,

and possessions. A Local Notice to Mariners is issued by each Coast Guard district and is used to report changes and discrepancies to aids to navigation maintained by and under the authority of the Coast Guard. Local Notice to Mariners contain other marine information such as channel depths, naval operations, regattas, etc., which may affect vessels and waterways within the jurisdiction of each Coast Guard district. Reports of channel conditions, obstructions, menaces to navigation, danger areas, new chart editions, etc., are also included in the Local Notice to Mariners.

These notices are essential to all navigators for the purposes of keeping charts, Light Lists, Coast Pilots, and other nautical publications up-to-date. These notices are published as often as required, but usually weekly. They may be obtained via the U.S. Coast Guard Navigation Center Website.

Vessels operating in ports and waterways in several districts will have to obtain the Local Notice to Mariners from each district in order to be fully informed.

Weekly Notice to Mariners are prepared jointly by the National Geospatial-Intelligence Agency, the U.S. Coast Guard, and the National Ocean Service, and are published weekly by National Geospatial-Intelligence Agency.

The Weekly Notice to Mariners advise mariners of important matters affecting navigational safety including new hydrographic discoveries, changes in channels and aids to navigation. Also included are corrections to Light Lists, Coast Pilots, and Sailing Directions. Foreign marine information is also included. This notice is intended for mariners and others who have a need for information related to oceangoing operations. Because it is intended for use by oceangoing vessels, many corrections that affect small craft navigation and associated waters are not included. Information concerning small craft is contained in the Coast Guard Local Notice to Mariners only. The Weekly Notices to Mariners may be obtained free of charge via the World Wide Web or by email subscription.

NAUTICAL CHARTS AND PUBLICATIONS

Charts and Coast Pilots covering the United States and its territories are published by the National Ocean Service (NOS), Silver Spring, MD 20910, and are for sale by NOS and authorized NOS Sales Agents. A free catalog of available NOS/NOAA products can be obtained by phone: (301) 436-8301/(800) 638-8972; FAX: (301) 436-6829; or mail: FAA, National Aeronautical Charting Office, Distribution Division AVN-530, 10201 Good Luck Rd, Glenn Dale, MD 20769.

Maps for the Mississippi River System are published by the various U.S. Army Corps of Engineer District Engineers.

Tide Tables and Tidal Current Tables are no longer printed or distributed by NOS. Private publishing companies are printing the tables using data provided by NOS. These products may be obtained from local stores that carry marine publications.

AIDS TO NAVIGATION DISCREPANCIES

The Coast Guard does not keep the tens of thousands of aids to navigation comprising the U.S. Aids to Navigation System under simultaneous and continuous observation. Mariners should realize that it is impossible to maintain every aid to navigation operating properly and on its assigned position at all times. Therefore, for the safety of all mariners, any person who discovers 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 directly to one of the U.S. Government radio stations listed in Chapter 3, Section 300L, Radio Navigational Aids (CDPUBRA117).

Recommendations and requests for aids to navigation and to report aids to navigation that are no longer needed should be mailed to the Coast Guard district concerned (see pg. ii).

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 will improve 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 IALA Region A. Lateral aids to navigation in Region A vary from those located within Region B. Non-lateral aids to navigation 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.

The U.S. Aids to Navigation System is designed for use with nautical charts. Nautical charts portray the physical features of the marine environment, including soundings and other submarine features, landmarks, and other aids necessary for the proper navigation of a vessel. This crucial information cannot be obtained from other sources, even ones such as topographic maps, aeronautical charts, or atlases. The exact meaning of an aid to navigation may not be clear to the mariner unless the appropriate chart is consulted, as the chart illustrates the relationship of the individual aid to navigation to channel limits, obstructions, hazards to navigation, and to the total aids to navigation system.

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

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 by nonlateral aids to navigation where appropriate.

TYPES OF MARKS

Lateral marks are buoys or beacons indicating the port and starboard sides of a route to be followed, and are used in conjunction with a conventional direction of buoyage.

Generally, lateral aids to navigation indicate on which side of a vessel an aid to navigation should be passed when the vessel is proceeding in the conventional direction of buoyage. Normally, the conventional direction of buoyage is the direction in which a vessel enters navigable channels from seaward and proceeds towards the head of navigation. In the absence of a route leading from seaward, the conventional direction of buoyage generally follows a clockwise direction around land masses.

For example, proceeding southerly along the Atlantic Coast, from Florida to Texas along the Gulf Coast, and northerly along the Pacific Coast are considered as proceeding in the conventional direction of buoyage. In some instances, this direction must be arbitrarily assigned. Where doubt exists, the mariner should consult charts and other nautical publications.

Virtually all U.S. lateral marks are located in IALA Region B and follow the traditional 3R rule of red, right, returning. A summary of the port and starboard hand lateral mark characteristics is contained in the following table.

Characteristic	Port Hand	Starboard Hand
Color	Green	Red
Shape (buoys)	Cylindrical (can) or pillar	Conical (nun) or pillar
Dayboard	Green square	Red triangle
Topmark (if fitted)	Cylinder	Cone, point upward
Light Color (if	Green	Red
Reflector Color	Green	Red
Number	Odd	Even

U.S. lateral aids to navigation at certain Pacific Islands are located within IALA Region A and thus exhibit opposite color significance. Port hand marks are red with square or cylindrical shapes while starboard hand marks are green with triangular or conical shapes.

Preferred channel marks are aids to navigation which mark channel junctions or bifurcations and often mark wrecks or obstructions. Preferred channel marks may normally be passed on either side by a vessel, but indicate to the mariner the preferred channel. Preferred channel marks are colored with red and green bands.

At a point where a channel divides, when proceeding in the conventional direction of buoyage, a preferred channel in IALA Region B may be indicated by a modified port or starboard lateral mark as follows:

Characteristic	Preferred to starboard	Preferred to port
Color	Green with one broad red band	Red with one broad green band
Shape (buoys)	Cylindrical (can) or pillar	Conical (nun) or pillar
Dayboard	Green square, lower half red	Red triangle, lower half green
Topmark (when fitted)	Green square or cylinder	Red triangular cone, point up-
Light Color (if lighted)	Green	Red
Rhythm	Composite group flashing (2+1)	Composite group flashing (2+1)
Reflector color	Green	Red

CAUTION: It may not always be possible to pass on either side of preferred channel aids to navigation. The appropriate nautical chart should always be consulted.

Non-lateral marks have no lateral significance, but may be used to supplement the lateral aids to navigation specified above. Occasionally, daybeacons or minor lights outside of the normal channel will not have lateral significance since they do not define limits to navigable waters. These aids to navigation will utilize diamond-shaped dayboards and are divided into four diamond-shaped sectors. The side sectors of these dayboards are colored white, and the top and bottom sectors are colored black, red, or green as the situation dictates.

Safe water marks are used to mark fairways, midchannels, and offshore approach points, and indicate that there is unobstructed water on all sides. They can also be used by the mariner transiting offshore waters to identify the proximity of intended landfall. Safe water marks are red and white striped and have a red spherical topmark to further aid in identification. If lighted, they display a white light with the characteristic Morse code "A".

Isolated danger marks are erected on, moored over, or placed immediately adjacent to an isolated danger that may be passed on all sides. These marks should not be approached closely without special caution.

Isolated danger marks are colored with black and red bands, and if lighted, display a group flashing (2) white light. A topmark consisting of two black spheres, one above the other is fitted for both lighted and unlighted marks.

Special marks are not primarily intended to assist safe navigation, but to indicate special areas or features referred to on charts or in other nautical publications. The feature should be described in a nautical document such as a chart, Light List, Coast Pilot or Notice to Mariner. Some areas that may be marked by these aids to navigation are spoil areas, pipelines, traffic separation schemes, jetties, or military exercise areas. Special marks are yellow in color and, if lighted, display a yellow light.

Information and regulatory marks are used to alert the mar-

iner to various warnings or regulatory matters. These marks have orange geometric shapes against a white background. The meanings associated with the orange shapes are as follows:

1. An open-faced diamond signifies danger.
2. A vertical diamond shape having a cross centered within indicates that vessels are excluded from the marked area.
3. A circular shape indicates that certain operating restrictions are in effect within the marked area.

Warnings, instructions, or explanations may be shown within the shapes.

BUOYS AND BEACONS

Aids to navigation are placed on shore or on marine sites to assist navigators in determining their position or safe course. They may mark limits of navigable channels, or warn of dangers or obstructions to navigation. The primary components of the U.S. Aids to Navigation System are beacons and buoys.

Buoys are floating aids to navigation used extensively throughout U.S. waters. They are moored to the seabed by sinkers with chain or other moorings of various lengths.

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

Prudent mariners will use bearings or angles from beacons or other landmarks, soundings, and various methods of electronic navigation.

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

Buoy moorings vary in length. The mooring lengths define a “watch circle”, and buoys can be expected to move within this circle. Actual watch circles do not coincide with the buoy symbols representing them on charts.

Buoy positions are normally verified during periodic maintenance visits. Between visits, environmental conditions, including atmospheric and sea conditions, seabed slope and composition, may shift buoys off their charted positions. Also buoys may 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.

Beacons exhibit a daymark. For small structures these are colored geometric shapes which 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 does the aid's light or reflector at night. The daymark of towers, however, consists of the structure itself. As a result, these daymarks do not infer lateral significance.

Vessels should not pass fixed aids to navigation close aboard due to the danger of collision with rip-rap or structure foundations, or with the obstruction or danger being marked.

LIGHTED AIDS TO NAVIGATION

Most lighted aids to navigation are equipped with 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 the possibility of a light being extinguished or operating improperly.

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 of 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 thick weather. 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. Always check the characteristics of lights so powerful lights, visible in the distance, are not mistaken 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 in order to ensure the safety of the vessel.

The apparent characteristic of a complex light may change with the distance of the observer. For example, a light which actually displays a characteristic of fixed white varied by flashes of alternating white and red (the rhythms having a decreasing range of visibility in the order: flashing white, flashing red, fixed white) may, when first sighted in clear weather, show as a simple flashing white light. As the vessel draws nearer, the red flash will become visible and the characteristics will apparently be alternating flashing white and red. Later, the fixed white light will be seen between the flashes and the true characteristic of the light will finally be recognized as fixed white, alternating flashing white and red (F W Al WR).

If a vessel has considerable vertical motion due to pitching in heavy seas, a light sighted on the horizon may alternately 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 effects 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.

Sectors of colored glass are placed in the lanterns of some lights in order 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.

Altering course on the changing sectors of a light or using the boundaries between light sectors to determine the bearing for any purpose is not recommended. 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 are present in the intervening atmosphere, a white sector might have a reddish hue.

The area in which a light can be observed is normally an arc with the light as the center and the range of visibility as the radius. However, on some bearings, the range may be reduced by obstructions. In such cases, the obstructed arc might differ with height of eye and distance. When adjoining land cuts off a light and the arc of visibility is given, the bearing on which the light disappears may vary with the distance of the vessel from which observed and with the height of eye. When the light is cut off by a sloping hill or point of land, the light may be seen over a wider arc by a vessel farther away than by one closer to the light.

The arc drawn on charts around a light is not intended to give information as to the distance at which it can be seen, but solely to indicate, in the case of lights, which do not show equally in all directions, the bearings between which the variation of visibility or obstruction of the light occurs.

PRIVATE AIDS TO NAVIGATION

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

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

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

OIL WELL STRUCTURES

Oil well structures in navigable waters are not listed in the Light List. 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 fixed or quick flashing white or red 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., normally are not lighted. In addition, some of the structures are equipped with sound signals (bell, siren, whistle, or horn). When operating, bells sound one stroke every 15 seconds, while sirens, whistles, or horns sound a single two-second blast every 20 seconds.

CHARACTERISTICS OF AIDS TO NAVIGATION

LIGHT COLORS

Only aids to navigation with green or red lights have lateral significance. When proceeding in the conventional direction of buoyage, the mariner in IALA Region B, may see the fol-

lowing 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.

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

LIGHT RHYTHMS

Light rhythms have no lateral significance. Aids to navigation with lateral significance exhibit flashing, quick, occulting or isophase light rhythms. Ordinarily, flashing lights (frequency not exceeding 30 flashes per minute) will be used.

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

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

Isolated danger marks show a white flashing (2) rhythm (two flashes repeated regularly).

Special marks show yellow lights and exhibit a flashing or fixed rhythm; however, a flashing rhythm is preferred.

Information and regulatory marks, when lighted, display 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.

SHAPES

In order to provide easy identification, certain unlighted buoys and dayboards on beacons are differentiated by shape. These shapes are laterally significant only when associated with laterally significant colors.

Cylindrical buoys (referred to as "can buoys") and square dayboards mark the left side of a channel when proceeding from seaward. 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 right 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.

NUMBERS

All solid red and solid green aids to navigation are numbered, with red aids to navigation bearing even numbers and green aids to navigation bearing odd numbers. The numbers for each increase from seaward, 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 from seaward, proceeding in the conventional direction of buoyage, and are added to numbers as suffixes.

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.

DAYBOARDS

In order to describe the appearance and purpose of each dayboard used in the U.S. System, standard designations have been formulated. 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-shaped) used for special purpose, warning, distance, or location markers.

S: Square used to mark the port (left) side of channels when proceeding from seaward.

T: Triangle used to mark the starboard (right) 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.

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.

JG: Dayboard bearing horizontal bands of green and red, green band topmost, with a green reflective border.

JG-I: Square dayboard bearing horizontal bands of green and red, green band topmost, with a green reflective border and a yellow reflective horizontal band.

JG-SY: Square dayboard bearing horizontal bands of green and red, green band topmost, with a green reflective border and a yellow reflective square.

JG-TY: Square dayboard bearing horizontal bands of green and red, green band topmost, with a green reflective border and a yellow reflective triangle.

JR: Dayboard bearing horizontal bands of red and green, red band topmost, with a red reflective border.

JR-I: Triangular dayboard bearing horizontal bands of red and green, red band topmost, with a red reflective border and a yellow horizontal band.

JR-SY: Triangular dayboard bearing horizontal bands of red and green, red band topmost, with a red reflective border and a yellow reflective square.

JR-TY: Triangular dayboard bearing horizontal bands of red and green, red band topmost, with a red reflective border 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 illustration of U.S. Aids to Navigation System.

OTHER SHORT RANGE AIDS TO NAVIGATION

Lighthouses are placed on shore or on marine sites and most often do not show lateral markings. They assist mariners in determining their position or safe course, or warn of obstructions or dangers to navigation. Lighthouses with no lateral significance usually exhibit a white light.

Occasionally, lighthouses use sectored lights to mark shoals or warn mariners of other dangers. Lights so equipped show one color from most directions and a different color or colors over definite arcs of the horizon as indicated on the appropriate nautical chart. These sectors provide approximate bearing information and the observer should note a change of color as the boundary between the sectors is crossed. Since sector bearings are not precise, they should be considered as a warning only, and used in conjunction with a nautical chart.

Seasonal aids to navigation are placed into service, withdrawn, or changed at specified times of the year. The dates shown in the Light List (Col. 8) are approximate and may vary due to adverse weather or other conditions.

Ranges are non-lateral aids to navigation employing dual beacons which, when the structures appear to be in line, assist the mariner in maintaining a safe course. The appropriate nautical chart must be consulted when using ranges to determine whether the range marks the centerline of the navigable channel and also what section of the range may be safely traversed. Ranges typically display rectangular dayboards of various colors and are generally, but not always lighted. When lighted, ranges may display lights of any color.

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 fog detector). The Coast Guard is replacing many fog detectors with remote radio activated sound signals. 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 30 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. The devices producing the sound, e.g., diaphones, diaphragm horns, sirens, whistles, bells, and gongs determine tones.

Phase characteristics are defined by the signal's sound pattern, i.e., the number of blasts and silent periods per minute and their durations. Sound signals sounded from fixed structures generally produce a specific number of blasts and silent periods each minute when operating. Buoy sound signals 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 can be located 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 is keyed. All waterway users equipped with a VHF-FM radio may activate the sound signal, but they are not required to do so. Unless it is specifically stated that a sound signal "Operates continuously", or the signal is a bell, gong, or whistle on a buoy, it can be assumed that the sound signal only operates during times of fog, reduced visibility, or adverse weather.

An emergency sound signal is sounded at some locations when the main and standby signals are inoperative. If the emergency signal is of a different type or characteristic than the main signal, its characteristic is listed in column (8) of this publication.

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.

VARIATIONS TO THE U.S. SYSTEM

Intracoastal Waterway aids to navigation: The Intracoastal Waterway runs parallel to the Atlantic and Gulf coasts from Manasquan Inlet, New Jersey to the Mexican border. Aids to navigation marking these waters have some portion of them marked with yellow. Otherwise, the coloring and numbering of the aids to navigation follow the same system as that in other U.S. waterways.

In order that vessels may readily follow the Intracoastal Waterway route, special markings are employed. These marks consist of a yellow square and yellow triangle and indicate which side the aid to navigation should be passed when following the conventional direction of buoyage. The yellow square indicates that the aid to navigation should be kept on the left side and the yellow triangle indicates that the aid to navigation should be kept on the right side. A yellow horizontal band provides no lateral information, but simply identifies aids as marking the Intracoastal Waterway.

Western Rivers aids to navigation: The Western Rivers System, a variation of the standard U.S. Aids to Navigation System described in the preceding sections, is employed on the Mississippi River and its tributaries above Baton Rouge, LA and on certain other rivers which flow toward the Gulf of Mexico.

The Western Rivers System varies from the standard U.S. system as follows:

1. Aids to navigation are not numbered.
2. Numbers on aids to navigation do not have lateral significance, but rather indicate mileage from a fixed point (normally the river mouth).
3. Diamonds shaped crossing dayboards, red and white or green and white as appropriate, and are used to indicate where the river channel crosses from one bank to the other.
4. Lights on green aids to navigation show a single-flash characteristic, which may be green or white.
5. Lights on red aids to navigation show a group-flash characteristic, which may be red or white.
6. Isolated danger marks are not used.

BRIDGE MARKINGS

Bridges across navigable waters are generally 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 used on drawbridges to show when they are in the closed position.

Green lights are used 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 retroreflective 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 should be 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 retroreflective panels and may exhibit a yellow light that displays a Morse code "B"(-...).

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. They indicate the vertical clearance available under the span.

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

ELECTRONIC AIDS TO NAVIGATION

RACONS

Aids to navigation may be enhanced by the use of **RA**dar bea**CONS** (RACONS). RACONS, when triggered by a vessel's radar, will transmit a coded reply to the vessel's radar. This reply serves to identify the RACON station by exhibiting a series of dots and dashes which appear on the radar display radially from the RACON. This display will represent the approximate range and bearing to the RACON. Although RACONS may be used on both laterally significant and non-laterally significant aids to navigation, the RACON signal itself is for identification purposes only. RACONS are also used as bridge marks to mark the point of best passage. All RACONS operate in the radar X-band from 9,300 to 9,500 MHz. Some RACONS also operate in the 2,900 to 3,000 MHz radar S-band.

RACONS have a typical output of 100 to 300 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 with a directional antenna mounted at a height of 50 feet on a fixed structure. It must be understood that these are nominal ranges and are dependent upon many factors.

The beginning of the RACON presentation occurs about 50 yards beyond the RACON position and will persist for a number of revolutions of the radar antenna (depending on its rotation rate). Distance to the RACON can be measured to the point at which the RACON flash begins, but the figure obtained will be greater than the ship's distance from the RACON. This is due to the slight response delay in the RACON apparatus.

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 adjustment of 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

Many aids to navigation incorporate special fixtures designed to enhance the reflection of radar energy. These fixtures, called radar reflectors, help radar-equipped vessels to detect buoys and beacons, which are so equipped. They do not however, positively identify a radar target as an aid to navigation.

GLOBAL POSITIONING SYSTEM (GPS)

GPS is a satellite based navigation system which provides precise, worldwide, three-dimensional navigation capabilities. The system was originally designed for military application, however it is also available to merchant, recreational and fishing vessels using a variety of commercial receivers. The GPS System has reached Full Operating Capability (FOC). FOC status signifies that the system meets specific requirements of performance. The GPS is operated and controlled by the Department of Defense (DOD) under U.S. Air Force management.

GPS uses a network of 24 satellites (nominal) when the system is fully operational. The satellites are placed in one of six precise orbital planes, which complete a circular 10,900 nautical mile orbit of the earth once every 12 hours. 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 17 meters, 95% percent of the time. At least three satellites are required for a two-dimensional solution. The GPS system does not provide integrity information and mariners should exercise extreme caution when using GPS in restricted waterways.

Federal Radionavigation Policy (FRP) has established that GPS will be available for civil use. Whenever possible, advance notice of when the GPS satellites should not be used will be provided by the DOD and made available by the U.S. Coast Guard GPS status messages.

DIFFERENTIAL GPS (DGPS)

The Coast Guard has partnered with the Department of Transportation (DOT) and the Army Corps of Engineers to provide a system for marine navigation called Differential GPS (DGPS). As the newest electronic system of navigation, DGPS transmitters provide offshore coverage and an all-weather electronic aid to navigation capability. The Nationwide DGPS sites provide signal coverage to 92% of the continental United States, including the Great Lakes, complete coverage of the coastline, as well as selected portions of Alaska, Hawaii, Puerto Rico, and the inland river system. The Coast Guard's Maritime portion of the DGPS system achieved Full Operational Capability (FOC) on March 15, 1999. The network now meets the high standards of accuracy, integrity, reliability, availability and coverage required for the Harbor Entrance and Approach phase of navigation. As of November 2010, 29 DOT sites, 9 ACOE sites, and 50 USCG Sites were providing differential corrections.

How DGPS works:

DGPS is an augmentation to the GPS signals. Each site corrects for small variations in the signals from each satellite that is in view at that time. Satellite signals can vary due to small changes in the satellite's circuitry and orbit and from changes caused by local weather conditions. Satellite corrections are transmitted to users via radio signals in the medium frequency band (285-325 kHz) previously used for marine radiobeacons. DGPS corrections and integrity information are transmitted using Minimum Shift Keying (MSK) modulation; the modulation data rate is usually 100 or 200 bits per second (bps) but can also be 50 bps. The range of DGPS transmissions is from 40 to 300 nautical miles.

DGPS is the first federal radionavigation system capable of providing the 10-meter navigation service required for the harbor entrance and approach phase of maritime navigation. DGPS provides integrity messages for signals from the GPS satellites as well as DGPS position corrections and provides absolute position accuracy of 1-5 meters.

Each DGPS site has two reference stations (which calculate the differential corrections), two integrity monitors (which ensure the differential corrections are accurate), a transmitter and communications equipment to communicate status information to and receive control commands from the control station. Each transmitter and reference station has a unique ID number that permits users to determine which site/equipment is providing their differential corrections. As distance from the transmitting site increases, the small error in the differential corrections increases; best accuracy is achieved when using the DGPS site closest to the user.

Information regarding the location of DGPS transmitters is given on the map labeled U.S. DGPS Sites & Identification Numbers on page i. Users can access additional information and DGPS system status, submit questions, and provide comments via the Navigation Information Service website or by calling the Coast Guard Navigation Center DGPS watchstander at (703) 313-5902.

NAVIGATION INFORMATION SERVICE (NIS)

The Coast Guard is the government interface for civil users of GPS and has established a Navigation Information Service (NIS) to meet the information needs of the civil user. The NIS is a Coast Guard facility that is manned 24 hours a day, 7 days a week, and is located at the Navigation Center (NAVCEN) in Alexandria, VA. It provides voice broadcasts, data broadcasts, facsimile, and on-line computer-based information services, which are all available 24 hours a day. The information provided includes present or future satellite outages and constellation changes, user instructions and tutorials, lists of service and receiver provider/users, and other GPS, and DGPS related information.

NAVIGATION CENTER Internet Service (www)

Users with access to the World Wide Web (www) can access real time or archived GPS, NDGPS, DGPS, and LNM information at http://www.navcen.uscg.gov as well as subscribe to a list server that enables users to receive GPS status messages and Notice to NAVSTAR User (NANU) messages via direct Internet e-mail.

The NAVCEN 24 hour voice recording is a 3-line telephone answering machine. Up to 3 callers can listen to the 90 second recording at the same time.

The NAVCEN also disseminates GPS and DGPS safety advisory broadcast messages through USCG broadcast stations utilizing VHF-FM voice, HF-SSB voice, and NAVTEX broadcasts. The broadcasts provide the GPS and DGPS user in the marine environment with the current status of the navigation systems, as well as any planned/unplanned system outages that could affect GPS and DGPS 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 Navigation Center
MS 7310
7323 Telegraph Road
Alexandria, VA 22310-3998
Phone: (703) 313-5900
FAX: (703) 313-5920
Internet: http://www.navcen.uscg.gov

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.

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.

Automatic Identification System (AIS): AIS is an internationally adopted radio communication protocol that enables the autonomous and continuous exchange of navigation safety related messages amongst vessels, lifeboats, aircraft, and, aids to navigation (ATON). AIS ATON stations broadcast via AIS message 21, their presence, identity (9-digit Marine Mobile Service Identity number), nature, position, and, status; every 3 minutes or upon a change in status. For further information on AIS and its ATON Report message visit http://www.navcen.uscg.gov/enav/ais.

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 similar to a group occulting light except that the successive groups in a period have different numbers of eclipses.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GLOSSARY OF AIDS TO NAVIGATION TERMS

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 main stream.

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.

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 System.

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 occultations which are repeated at regular intervals.

Ocean Data Acquisition System (ODAS): Certain very 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.

Off Shore 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 commencement of two identical successive cycles of the characteristic of the light or sound signal.

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

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 left to the starboard hand when proceeding in the Conventional Direction of Buoyage.

Topmark: 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.

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.

ABBREVIATIONS USED IN BROADCAST NOTICE TO MARINERS

Light Characteristics

Alternating	AL
Characteristic	CHAR
Composite Group-Flashing	FL (2+1)
Composite Group-Occulting	OC (2+1)
Continuous Quick-Flashing	Q
Fixed and Flashing	FFL
Fixed	F
Group-Flashing	FL (3)
Group-Occulting	OC (2)
Interrupted Quick-Flashing	IQ
Isophase	ISO
Morse Code	MO (A)
Occulting	OC
Single-Flashing	FL

Colors*

Black	B
Blue	BU
Green	G
Orange	OR
Red	R
White	W
Yellow	Y

*NOTE: Color refers to characteristics of aids to navigation only.

Aids to Navigation

Aeronautical Radiobeacon	AERO RBN
Destroyed	DESTR
Differential GPS	DGPS
Discontinued	DISCONTD
Established	ESTAB
Exposed Location Buoy	ELB
Extinguished	EXT
Fog Signal Station	FOG SIG
Light List Number	LLNR
Light	LT
Lighted Bell Buoy	LBB
Lighted Buoy	LB
Lighted Gong Buoy	LGB
Lighted Horn Buoy	LHB
Lighted Whistle Buoy	LWB
Ocean Data Acquisition System	ODAS
Privately Maintained	PRIV MAINTD
Radar Reflector	RA REF
Radar Responder Beacon	RACON
Temporarily Replaced by Lighted Buoy	TRLB
Temporarily Replaced by Unlighted Buoy	TRUB
Whistle	WHIS

Organizations

Commander, Coast Guard District	CCGD (#)
Coast Guard	CG
Corps of Engineers	COE
National Geospatial-Intelligence Agency	NGA
National Ocean Service	NOS
National Weather Service	NWS

Vessels

Aircraft	A/C
Fishing Vessel	F/V
Liquefied Natural Gas Carrier	LNG
Motor Vessel (includes Steam Ship, Container Ship, Cargo Vessel, Tanker etc)	M/V
Pleasure Craft	P/C
Research Vessel	R/V
Sailing Vessel	S/V

Compass Directions

North	N
South	S
East	E
West	W
Northeast	NE
Northwest	NW
Southeast	SE
Southwest	SW

Months

January	JAN
February	FEB
March	MAR
April	APR
May	MAY
June	JUN
July	JUL
August	AUG
September	SEP
October	OCT
November	NOV
December	DEC

Days of the Week

Monday	MON
Tuesday	TUE
Wednesday	WED
Thursday	THU
Friday	FRI
Saturday	SAT
Sunday	SUN

Various

Anchorage	ANCH
Anchorage Prohibited	ANCH PROHIB
Approximate	APPROX
Atlantic	ATL
Authorized	AUTH
Average	AVG
Bearing	BRG
Breakwater	BKW
Broadcast Notice to Mariners	BNM
Captain of the Port	COTP
Channel	CHAN
Code of Federal Regulations	CFR
Continue	CONT
Degrees (temp, geo, pos)	DEG
Diameter	DIA
Edition	ED
Effect/Effective	EFF
Entrance	ENTR
Explosive Anchorage	EXPLOS ANCH
Fathom(s)	FM(S)
Foot/Feet	FT

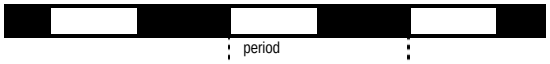
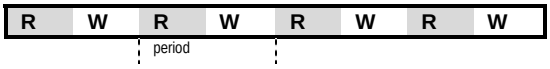
ABBREVIATIONS USED IN BROADCAST NOTICE TO MARINERS

Harbor	HBR
Height	HT
Hertz	HZ
Horizontal Clearance	HOR CL
Hour	HR
International Regulations for Preventing Collisions at Sea	COLREGS
Kilohertz	KHZ
Kilometer	KM
Knot(s)	KT(S)
Minute (time, geo, pos)	MIN
Moderate	MOD
Mountain, Mount	MT
Nautical Mile(s)	NM
Notice to Mariners	NTM
Obstruction	OBSTR
Occasion/Occasionally	OCCASION
Operating Area	OPAREA
Pacific	PAC
Point(s)	PT(S)
Position	POS
Position Approximate	PA
Pressure	PRES
Private, Privately	PRIV
Prohibited	PROHIB
Publication	PUB
Range	RGE
Reported	REP
Restricted	RESTR
Rock	RK
Saint	ST
Second (time, geo, pos)	SEC
Signal Station	SIG STA
Station	STA
Statute Mile(s)	SM
Storm Signal Station	S SIG STA
Temporary	TEMP
Thunderstorm	TSTORM
Through	THRU
True	T
Uncovers, Dries	UNCOV
Universal Coordinate Time	UTC
Urgent Marine Information Broadcast	UMIB
Velocity	VEL
Vertical Clearance	VERT CL
Visibility	VIS
Yard(s)	YD
Warning	WARN
Weather	WX
Wreck	WK

Countries and States

Alabama	AL
Alaska	AK
American Samoa	AS
Arizona	AZ
Arkansas	AR
California	CA
Canada	CN
Colorado	CO
Connecticut	CT
Delaware	DE
District of Columbia	DC
Florida	FL
Georgia	GA
Guam	GU
Hawaii	HI
Idaho	ID
Illinois	IL
Indiana	IN
Iowa	IA
Kansas	KS
Kentucky	KY
Louisiana	LA
Maine	ME
Maryland	MD
Marshall Islands	MH
Massachusetts	MA
Missouri	MO
Mississippi	MS
Mexico	MX
Michigan	MI
Minnesota	MN
Montana	MT
Nebraska	NE
Nevada	NV
New Hampshire	NH
New Jersey	NJ
New Mexico	NM
New York	NY
North Carolina	NC
North Dakota	ND
Northern Marianas	MP
Ohio	OH
Oklahoma	OK
Oregon	OR
Pennsylvania	PA
Puerto Rico	PR
Rhode Island	RI
South Carolina	SC
South Dakota	SD
Tennessee	TN
Texas	TX
United States	US
Utah	UT
Vermont	VT
Virgin Islands	VI
Washington	WA
West Virginia	WV
Wisconsin	WI
Wyoming	WY

CHARACTERISTICS OF LIGHTS

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

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SAN DIEGO TO CAPE MENDOCINO (Chart 18020)						
1	*Dart Tsunami Warning Lighted Buoy Station 46412*	32-27-26.000N 120-33-38.000W	Fl (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration.
	SAN DIEGO TO SANTA ROSA ISLAND (Chart 18740)						
1.1	*Scripps Waverider Lighted Research Buoy 191*	32-31-46.800N 117-25-17.400W	Fl (5)Y 20s			Yellow sphere with whip antenna.	In Mexican waters. Private aid.
2	*Cortes Bank Lighted Bell Buoy 2CB*	32-26-35.355N 119-07-22.265W	Fl R 4s		4	Red.	
5	**Point Loma Light**	32-39-54.114N 117-14-33.600W	Fl W 15s	88	22	Black house on white square pyramidal skeleton tower. 90	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 30s (3s bl).
10 1485	*San Diego Bay Approach Lighted Whistle Buoy SD*	32-37-20.192N 117-14-45.128W	Mo (A) W		6	Red and white stripes with red spherical topmark.	RACON: M (– –).
20	**Ocean Beach Pier Sound Signal**	32-45-02.178N 117-15-33.134W					HORN: 1 blast ev 15s (2s bl). Private aid.
25 2275	MISSION BAY SOUTH JETTY LIGHT 2	32-45-21.528N 117-15-39.219W	Fl R 2.5s	15	5		
30 2280	MISSION BAY NORTH JETTY LIGHT 1	32-45-30.204N 117-15-36.510W	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.
45 2296	OCEANSIDE SOUTH JETTY LIGHT 2	33-12-21.732N 117-23-58.548W	Fl R 2.5s	26	5	TR on post.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si).
50	CAMP PENDLETON SOUTH LIGHT	33-15-26.136N 117-26-11.178W	Fl W 4s	53	6	White pyramidal structure.	
60	CAMP PENDLETON NORTH LIGHT	33-18-38.598N 117-28-57.522W	Fl W 6s	63	6	White pyramidal structure.	
65	*Camp Pendleton Calibration Lighted Buoy*	33-20-18.002N 117-37-06.548W	Fl Y 4s		5	Yellow.	
80	SAN MATEO POINT LIGHT	33-23-18.228N 117-35-44.592W	Fl W 4s	63	9	NR on post.	
81	*NOAA Environmental Lighted Buoy 46086*	32-29-27.209N 118-02-05.009W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
82	*NOAA Environmental Lighted Buoy 46047*	32-25-12.192N 119-31-37.588W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
83	*Scripps Waverider Lighted Research Buoy 067*	33-13-17.000N 119-52-55.000W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
84	*Scripps Waverider Lighted Research Buoy 167*	33-29-57.000N 119-29-23.160W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid. Private aid.
	SAN DIEGO TO CAPE MENDOCINO (Chart 18020)						
85	*Scripps Offshore CCE-1 Research Buoy SIO*	33-25-45.600N 122-29-07.800W	Fl (2) Y 4s			Yellow disk with skeleton tower.	Private aid.
86	*Scripps Offshore GEOCE Research Buoy*	33-12-34.800N 118-23-31.800W	Fl (2) Y 4s			Yellow disk with skeleton tower	Private aid.
	SAN DIEGO TO SANTA ROSA ISLAND (Chart 18740)						
90 2440	NEWPORT BAY WEST JETTY LIGHT 3	33-35-17.950N 117-52-46.428W	Fl G 6s	44	6	SG on steel monopile.	Reduced intensity from 355° to 110°. The sound signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. HORN: 1 blast ev 30s (3s bl).
95	*Santa Ana Lighted Bell Buoy 4SA*	33-35-12.079N 117-57-15.211W	Fl R 4s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SAN DIEGO TO SANTA ROSA ISLAND (Chart 18740)						
105	HUNTINGTON BEACH PIER LIGHT	33-39-10.000N 118-00-24.000W	Fl W 4s	32		At end of concrete pier.	Private aid.
115	*San Pedro Channel Traffic Lane Lighted Buoy S*	33-35-30.000N 118-11-31.500W	Fl Y 4s		5	Yellow.	
122	*San Pedro Precautionary Area Lighted Buoy A*	33-42-00.069N 118-09-48.240W	Fl Y 4s		5	Yellow.	
125 3012	**Long Beach Light**	33-43-23.484N 118-11-12.540W	Fl W 5s	50	20	Tower on a white building with columnar base. 42	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 30s (3s bl), operates continuously.
132	*San Pedro Precautionary Area Lighted Buoy B*	33-42-00.071N 118-12-03.246W	Fl Y 6s		5	Yellow.	
135 3110	**Los Angeles Light**	33-42-30.798N 118-15-05.934W	Fl G 15s	73	19	White cylindrical tower with black stripes on white concrete block building. 73	Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si), operates continuously.
140	**Point Fermin Light**	33-42-17.298N 118-17-38.358W	Fl W 10s	120	13	On pole. 120	
145	*Point Fermin Lighted Whistle Buoy 6PF*	33-41-55.771N 118-17-30.056W	Fl R 4s		4	Red.	
155	*San Pedro Channel Traffic Lane Lighted Bell Buoy W*	33-37-13.104N 118-17-33.006W	Fl Y 6s		5	Yellow.	
160	*San Pedro Channel Traffic Lane Lighted Buoy SP*	33-37-07.228N 118-22-01.228W	Fl Y 4s		5	Yellow.	
170	**Point Vicente Light**	33-44-31.060N 118-24-38.263W	Fl (2)W 20s	185	24	White cylindrical tower. 67	Emergency light of reduced intensity when main light is extenguished.
175	*Palos Verdes Point Lighted Bell Buoy 10PV*	33-46-24.056N 118-26-43.267W	Fl R 4s		4	Red.	
	POINT DUME TO PURISMA POINT (Chart 18720)						
181	*NOAA Environmental Lighted Buoy 46025*	33-44-57.832N 119-03-09.528W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
181.2	*Scripps Waverider Lighted Research Buoy 182*	33-49-17.000N 119-42-30.000W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
181.6	*NOAA Environmental Lighted Buoy 46069*	33-40-12.394N 120-11-59.733W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
181.8	*Scripps Waverider Lighted Research Buoy 184*	34-02-03.200N 119-05-24.100W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
182	*Chevron Shellmound Lighted Marker Buoy HO*	34-20-29.000N 119-31-55.000W	Fl W 4s			White and orange.	Private aid.
185	**Anacapa Island Light**	34-00-57.016N 119-21-34.409W	Fl (2)W 60s	277	20	White cylindrical tower. 40	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 15s (2s bl), operates continuously.
187	**PLATFORM GAIL RACON**	34-07-30.000N 119-24-01.000W					RACON: G (– – •). Private aid.
190 3585	**Port Hueneme Light**	34-08-42.612N 119-12-35.868W	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	20	White square tower on building. 48	Obscured from 296° to 155°. The sound signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. HORN: 1 blast ev 30s (3s bl). 251 feet from light.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SAN DIEGO TO CAPE MENDOCINO (Chart 18020)						
192	*Chevron Shellmound Lighted Marker Buoy HE*	34-20-35.000N 119-31-11.000W	Fl W 4s			White and orange.	Private aid.
193	*Chevron Shellmound Lighted Marker Buoy HI*	34-23-20.000N 119-35-46.000W	Fl W 4s			White and orange.	Private aid.
194	*Chevron Shellmound Lighted Marker Buoy HA*	34-22-59.500N 119-34-03.500W	Fl W 4s			White and orange.	Private aid.
	POINT DUME TO PURISMA POINT (Chart 18720)						
195	**Santa Barbara Light**	34-23-46.992N 119-43-21.487W	Fl W 10s	142	14	White tower. 24	Light obscured from 090° to 275°.
196	*NOAA Environmental Lighted Buoy 46053*	34-14-52.066N 119-50-27.794W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
197	*Scripps Waverider Lighted Research Buoy 107*	34-20-02.400N 119-48-12.600W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
198	*NOAA Environmental Lighted Buoy Dissestablished*	34-16-27.998N 120-27-33.984W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
199	*Scripps SB Channel CCE-2 Research Buoy*	34-19-27.600N 120-48-54.600W	Fl (2)W 4s			White and orange striped disc-shaped buoy with aluminum tower.	Private aid.
200	**Point Conception Light**	34-26-55.051N 120-28-14.522W	Fl W 30s	133	20	White tower behind white building. 52	Emergency light of reduced intensity when main light is extinguished.
201	*Scripps Waverider Lighted Research Buoy 071*	34-27-15.600N 120-46-55.800W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
203	PLATFORM HARVEST LIGHT	34-28-09.198N 120-40-57.156W	Fl W 6s	60	9	Platform	
210	**Point Arguello Light**	34-34-37.440N 120-38-50.094W	Fl W 15s	100	10	On single post. 20	
213	*NOAA Environmental Lighted Buoy 46023*	34-42-12.489N 120-57-25.079W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
	POINT CONCEPTION TO POINT SUR (Chart 18700)						
215	*NOAA Environmental Lighted Buoy 46011*	34-52-06.445N 120-51-27.355W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
220	*Souza Rock Lighted Gong Buoy 14SR*	35-07-45.341N 120-44-23.433W	Fl (2+1)R 6s		4	Red and green bands.	
225	**San Luis Obispo Light**	35-09-36.828N 120-45-37.770W	Fl W 5s	116	20	18	Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si).
230	*Westdahl Rock Lighted Bell Buoy 1*	35-08-45.692N 120-47-05.779W	Fl G 6s		5	Green.	
235	*Point Buchon Lighted Whistle Buoy 16*	35-14-26.983N 120-54-34.994W	Fl R 6s		4	Red.	
240 3835	**Morro Bay West Breakwater Light**	35-21-46.457N 120-52-11.297W	Fl W 4s	36	12	White column.	Light obscured from 176° to 207°. HORN: 1 blast ev 30s (3s bl), operates continuously.
250 3930	Estero Bay Gong Buoy 18	35-23-03.127N 120-53-12.721W				Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	POINT CONCEPTION TO POINT SUR (Chart 18700)						
265	**Piedras Blancas Light**	35-39-56.250N 121-17-03.639W	Fl W 10s	142		White conical tower with a flat top. 142	Private aid.
275	*NOAA Environmental Lighted Buoy 46028*	35-44-28.999N 121-53-03.001W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
	POINT SUR TO SAN FRANCISCO (Chart 18680)						
280	**Point Sur Light**	36-18-22.501N 121-54-05.567W	Fl W 15s	250	25	Light House 48	Emergency light of reduced intensity when main light is extinguished.
282	*Scripps Waverider Lighted Research Buoy 157*	36-20-16.320N 122-06-04.740W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
285	*Cypress Point Lighted Gong Buoy 22*	36-35-02.847N 121-59-06.766W	Fl R 2.5s		4	Red.	
288	*Monterey Bay (MBARI) Lighted Buoy (M1)*	36-45-42.360N 122-02-15.840W	Fl Y 4s			Yellow.	Private aid.
289	*Scripps Waverider Lighted Research Buoy 156*	36-45-38.820N 121-56-48.660W	Fl (5)Y 20s			Yellow sphere with whip antenna..	Private aid.
290	**Point Pinos Light**	36-38-00.153N 121-56-01.378W	Oc W 4s	89	17	Building 28	Emergency light of reduced intensity when main light is extinguished.
295	*Point Pinos Lighted Bell Buoy 2*	36-38-51.733N 121-56-38.822W	Fl R 6s		4	Red.	
297	*NOAA Environmental Lighted Buoy 46042*	36-47-18.733N 122-24-15.149W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
298	*NOAA Environmental Lighted Buoy 46114*	36-42-58.600N 122-20-54.900W	Fl (5)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration. Aid maintained by National Oceanic and Atmospheric Administration.
300 4085	SANTA CRUZ WEST BREAKWATER LIGHT	36-57-38.532N 122-00-07.866W	Oc G 4s	60	8	White cylindrical structure.	HORN: 1 blast ev 30s (3s bl).
305 4110	**Santa Cruz Light**	36-57-05.340N 122-01-36.360W	Fl W 5s	60	12	White lantern house on brick building. 39	Light obscured from 085° to 220°.
315	*Ano Nuevo Island Lighted Whistle Buoy 24*	37-05-47.813N 122-20-24.904W	Fl R 6s		4	Red.	
320	**Pigeon Point Light**	37-10-54.269N 122-23-38.199W	Fl W 10s	148	20	Cylindrical 110	Emergency light of reduced intensity when main light is extinguished.
325	*NOAA Environmental Lighted Buoy 46012*	37-21-24.960N 122-52-52.498W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
330	*Pillar Point Harbor Approach Lighted Buoy PP*	37-28-20.000N 122-30-49.500W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
335	**Point Montara Light**	37-32-11.312N 122-31-09.392W	Fl W 5s	70	14	White conical tower. 30	
345	*San Francisco South Traffic Lane Lighted Bell Buoy S*	37-39-00.000N 122-41-42.000W	Fl Y 4s		6	Yellow.	
350	*San Francisco West Traffic Lane Lighted Gong Buoy W*	37-41-27.755N 122-47-39.962W	Fl Y 2.5s		5	Yellow.	
355	**Farallon Light**	37-41-57.093N 123-00-06.560W	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
			CALIFORNIA - Eleventh District				
	POINT SUR TO SAN FRANCISCO (Chart 18680)						
357	*NOAA Environmental Lighted Buoy 46026*	37-45-21.470N 122-50-17.430W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
360	*San Francisco Approach Lighted Whistle Buoy SF*	37-44-59.749N 122-41-33.940W	Mo (A) W		5	Red and white stripes with spherical topmark.	RACON: M (– –).
365 4245	**Mile Rocks Light**	37-47-34.159N 122-30-37.350W	Fl W 5s	49	14	On cylindrical structure with white and orange bands. 49	HORN: 1 blast ev 30s (2s bl), operates continuously.
370 4220	**Point Bonita Light**	37-48-56.120N 122-31-46.266W	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).
375	*San Francisco North Traffic Lane Lighted Bell Buoy N*	37-48-02.000N 122-47-55.000W	Fl Y 4s		6	Yellow.	
380	*Noonday Rock Lighted Bell Buoy 28*	37-47-35.228N 123-10-43.761W	Fl R 4s		4	Red	
381	*Scripps Waverider Lighted Research Buoy 029*	37-56-45.000N 123-28-12.000W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
381.1	*Cordell Bank Lighted Research Buoy*	38-03-00.600N 123-27-22.800W	Fl (5)Y 20s			Yellow.	Private aid.
	SAN FRANCISCO TO POINT ARENA (Chart 18640)						
382	*NOAA Environmental Lighted Buoy 46059*	38-02-48.625N 129-58-08.989W	Fl (4)Y 20s			Yellow boat-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
385	**Point Reyes Light**	37-59-44.193N 123-01-23.358W	Fl W 5s	265	20	Cylindrical structure on top of square building. 37	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 30s (3s bl), operates continuously.
390	*NOAA Environmental Buoy 46013*	38-14-30.000 N 123-18-00.000 W	Fl (4)Y 20s				
395	*Bodega Head Lighted Whistle Buoy 30*	38-17-08.000N 123-04-13.000W	Fl R 6s		4	Red.	
405	Fort Ross Bell Buoy 32	38-28-38.689N 123-12-58.024W				Red.	
410	*Saunders Reef Lighted Gong Buoy 34*	38-50-44.064N 123-40-05.689W	Fl R 6s		4	Red.	
415	*Arena Cove Lighted Bell Buoy A*	38-54-39.209N 123-43-34.973W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
420	**Point Arena Light**	38-57-17.127N 123-44-26.158W	Fl W 15s	155	19	Light House 115	Emergency light of reduced intensity when main light is extinguished.
	POINT ARENA TO TRINIDAD HEAD (Chart 18620)						
430	*Albion River Lighted Whistle Buoy AR*	39-13-36.641N 123-47-18.182W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
435	Little River Bell Buoy LR	39-15-57.073N 123-48-02.512W				Red and white stripes with red spherical topmark.	
440	Mendocino Bay Whistle Buoy MB	39-17-51.930N 123-48-44.074W				Red and white stripes with red spherical topmark.	
445	*NOAA Environmental Lighted Buoy 46014*	39-14-00.097N 123-58-00.431W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SAN DIEGO TO CAPE MENDOCINO (Chart 18020)						
448	*Dart Tsunami Warning Lighted Buoy Station 46411*	39-20-24.000N 127-00-25.000W	Fl (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration.
	POINT ARENA TO TRINIDAD HEAD (Chart 18620)						
450	**Point Cabrillo Light**	39-20-54.893N 123-49-33.772W	Fl W 10s	81	22	Light House 47	Emergency light of reduced intensity when main light is extinguished.
455	*Noyo Approach Lighted Whistle Buoy NA*	39-25-55.071N 123-49-59.493W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
465	*Point Delgada Lighted Whistle Buoy 36*	40-00-15.318N 124-04-51.909W	Fl R 6s		4	Red.	
470	Shelter Cove Entrance Bell Buoy 1	40-00-34.418N 124-03-35.407W				Green.	
475	*Punta Gorda Lighted Whistle Buoy 38*	40-14-54.062N 124-22-13.677W	Fl R 6s		4	Red.	
478	*Scripps Waverider Lighted Research Buoy 094*	40-17-47.520N 124-43-46.860W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
480	**Cape Mendocino Light**	40-26-23.203N 124-24-21.589W	Fl W 15s	515	18	Steel Pile 20	
485	*Blunts Reef Lighted Bell Buoy 40*	40-26-24.837N 124-30-06.427W	Fl R 2.5s		5	Red.	
487	*Scripps Waverider Lighted Research Buoy 128*	40-45-12.000N 124-18-48.000W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
490 8130	*Humboldt Bay Entrance Lighted Whistle Buoy HB*	40-46-24.073N 124-16-13.558W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
495 8160	**Humboldt Bay Light**	40-45-51.391N 124-13-47.730W	Fl W 5s	100	16	On white column. 100	Light obscured from 028° to 200°. Emergency light of reduced intensity when main light is extinguished.
500	*NOAA Environmental Lighted Buoy 46022*	40-45-52.200N 124-34-36.474W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
505	*Scripps Waverider Lighted Research Buoy 168*	40-53-17.940N 124-21-23.880W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
510	*NOAA Environmental Lighted Buoy 46006*	40-45-16.432N 137-27-50.745W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
515	Pilot Rock Gong Buoy 2	41-02-37.848N 124-09-20.649W				Red.	
520	Trinidad Harbor Bell Buoy 4	41-02-58.988N 124-08-37.598W				Red.	
	TRINIDAD HEAD TO CAPE BLANCO (Chart 18600)						
525	**Trinidad Head Light**	41-03-06.857N 124-09-05.184W	Oc W 4s	196	14	Light House 25	Light obscured northward of 140°. Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 30s (3s bl).
530	*Trinidad Head Lighted Whistle Buoy 42*	41-03-03.297N 124-10-24.191W	Fl R 6s		4	Red.	
535	Turtle Rocks Bell Buoy 44	41-08-14.394N 124-11-49.287W				Red.	
540	READING ROCK LIGHT	41-20-24.916N 124-10-43.079W	Fl W 4s	98	3	NR on house.	
545 8360	*Crescent City Harbor Lighted Whistle Buoy 2*	41-42-59.716N 124-11-47.898W	Fl R 6s		4	Red.	
550 8370	**Crescent City Entrance Light**	41-44-11.012N 124-11-27.683W	Fl W 5s	55	12	On post 55	HORN: 1 blast ev 10s (1s bl), operates continuously.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	TRINIDAD HEAD TO CAPE BLANCO (Chart 18600)						
555	BATTERY POINT LIGHT	41-44-39.000N 124-12-11.000W	Fl W 30s			White two story structure.	Restored historic light. Private aid.
560	*St. George Reef Lighted Whistle Buoy 46*	41-50-13.816N 124-23-11.335W	Fl R 4s		5	Red.	
562	*NOAA Environmental Lighted Buoy 46027*	41-51-06.000N 124-22-54.000W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
			OREGON - Thirteenth District				
565 8595	*Chetco River Approach Lighted Whistle Buoy CR*	42-01-40.233N 124-17-01.746W	Mo (A) W		5	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*	42-23-37.546N 124-28-35.402W	Mo (A) W		5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
580	*Port Orford Entrance Lighted Buoy 1*	42-43-17.523N 124-30-38.950W	Fl G 4s		3	Green.	
586	PORT ORFORD JETTY LIGHT 3	42-44-16.392N 124-29-50.377W	Fl G 2.5s	15	3	Collision tolerant pile.	Ra ref.
590	*NOAA Environmental Lighted Buoy 46015*	42-44-44.480N 124-49-24.000W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
595	**Cape Blanco Light**	42-50-13.288N 124-33-49.147W	Fl W 20s	245	26	White conical tower. 59	Lighted througout 24 hours.
	CAPE BLANCO TO YAQUINA HEAD (Chart 18580)						
600 8675	*Coquille River Entrance Lighted Whistle Buoy 2*	43-08-07.744N 124-27-50.660W	Fl R 4s		5	Red.	
610	*Baltimore Rock Lighted Buoy BR*	43-21-18.719N 124-22-59.439W	Fl Y 4s		3	Yellow.	
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*	43-22-14.975N 124-23-05.493W	Mo (A) W		5	Red and white stripes.	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 4.9s ec. 0.1s W fl 4.9s ec. 0.1s R fl 4.9s ec.	165	W 21 R 20	White conical tower. 67	Lighted throughout 24 hours.
625 9220	*Umpqua River Approach Lighted Whistle Buoy U*	43-39-58.219N 124-14-25.424W	Mo (A) W		5	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*	44-01-08.426N 124-09-38.647W	Mo (A) W		5	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.
640	CLEFT OF THE ROCK LIGHT	44-17-30.000N 124-06-30.000W	Al WR 10s	110		Grey square tower.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteenth District				
	CAPE BLANCO TO YAQUINA HEAD (Chart 18580)						
641	*NOAA Environmental Lighted Buoy 46050*	44-37-27.123N 124-29-59.675W	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*	44-35-51.761N 124-06-46.811W	Mo (A) W		5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
650	**Yaquina Head Light**	44-40-36.308N 124-04-45.993W	Fl (2)W 20s 2s fl 2s ec. 2s fl 14s ec.	162	19	White conical tower. 93	Lighted throughout 24 hours.
652	*OSU Yaquina Research Lighted Buoy*	44-38-24.000N 124-18-13.800W	Fl Y 4s			Yellow buoy.	Private aid.
	YAQUINA HEAD TO COLUMBIA RIVER (CHART 18520)						
655 9780	*Depoe Bay Approach Lighted Whistle Buoy DB*	44-48-29.267N 124-05-18.810W	Mo (A) W		5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
665	Cape Kiwanda Bell Buoy CK	45-13-03.747N 123-59-26.305W				Yellow.	
675	CAPE MEARES LIGHT	45-29-11.303N 123-58-41.881W	Fl W 6s	232	9	White masonry building.	
680 9810	*Tillamook Bay Approach Lighted Whistle Buoy T*	45-33-03.967N 123-58-56.154W	Mo (A) W		5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
685 9875	Nehalem River Approach Whistle Buoy NR	45-39-17.098N 123-57-32.496W				Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
687	*Seaside Data Lighted Buoy*	46-02-06.000N 124-14-36.000W	Fl Y 4s			Yellow.	Private aid.
688	*NOAA Environmental Lighted Buoy 46029*	46-08-30.735N 124-30-37.412W	Fl (4)Y 20s			Yellow disk-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
689	*NOAA Environmental Lighted Buoy 46089*	45-53-36.153N 125-49-08.828W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
690	*Columbia River Approach Lighted Whistle Buoy CR*	46-11-04.929N 124-11-02.685W	Mo (A) W		5	Red and white stripes.	RACON: M (– –). No topmark will be shown on this aid as required by IALA standards due to weather.
693	*CMOP Research Lighted Buoy*	46-10-24.000N 124-07-36.000W	Fl Y 4s			Yellow.	Private aid.
694	*Scripps Institute Wave Recorder Lighted Buoy 46248/179*	46-12-55.800N 124-07-40.800W	Fl (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
			WASHINGTON - Thirteenth District				
	COLUMBIA RIVER TO DESTRUCTION ISLAND (Chart 18500)						
695 9890	**Cape Disappointment Light**	46-16-32.830N 124-03-07.768W	Al WR 30s 0.3s W fl 14.7s ec. 0.3s R fl 14.7s ec.	220	W 21 R 18	White conical tower with white band at top and bottom, black band in middle.	Lighted throughout 24 hours.
700	**North Head Light**	46-17-56.049N 124-04-40.742W	Fl (2)W 30s	194	19	White conical tower.	Light is obscured eastward of 181°. Lighted throughout 24 hours.
710	*Scripps Institute Wave Recorder Lighted Buoy 46243/162*	46-07-59.460N 124-40-00.180W	Fl (5)Y 20s			Yellow sphere shaped buoy.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON - Thirteenth District				
	COLUMBIA RIVER TO DESTRUCTION ISLAND (Chart 18500)						
715 15170	*Willapa Bay Approach Lighted Whistle Buoy W*	46-44-00.000N 124-11-00.000W	Mo (A) W		5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
718 15533	*Scripps Institute Wave Recorder Lighted Buoy 46211/036*	46-51-25.000N 124-14-40.000W	Fl (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
720 15530	**Grays Harbor Light**	46-53-17.579N 124-07-00.891W	Al WR 30s 0.1s W fl 14.9s ec. 0.1s R fl 14.9s ec.	123	18	White truncated octagonal pyramid tower.	Lighted throughout 24 hours.
725 15535	*Grays Harbor Approach Lighted Whistle Buoy GH*	46-51-54.786N 124-14-25.573W	Mo (A) W		5	Red and white stripes.	RACON: G (– – •). No topmark will be shown on this aid as required by IALA standards due to weather.
733	*NOAA Environmental Lighted Buoy 46041*	47-21-10.000N 124-43-50.000W	Fl (4)Y 20s			Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
	APPROACHES TO STRAIT OF JUAN DE FUCA (Chart 18480)						
740 16075	*Quillayute River Approach Lighted Whistle Buoy Q*	47-53-24.400N 124-39-57.100W	Mo (A) W		5	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	47-54-17.480N 124-38-50.871W	Fl W 6s	150	9	White house.	Light is obscured from 068° to 101° and from 111° to 293°.
755 16135	*Strait of Juan De Fuca Traffic Separation Lane Lighted Buoy J*	48-29-36.817N 125-00-00.000W	Fl Y 2.5s		6	Yellow.	RACON: O (– – –).
756 16136	*Strait of Juan De Fuca Traffic Separation Lane Lighted Buoy JA*	48-29-35.198N 124-43-34.525W	Fl Y 2.5s		3	Yellow.	
760 16145	**Cape Flattery Light**	48-23-30.676N 124-44-13.342W	Fl (2)W 20s	165	14	57	
765 16150	*Duntze Rock Lighted Whistle Buoy 2*	48-24-53.919N 124-45-06.575W	Fl R 4s		4	Red.	
	SAN DIEGO TO ALEUTIAN ISLANDS AND HAWAIIAN ISLANDS (Chart 530)						
765.1	*NOAA Environmental Lighted Buoy 46002*	42-34-12.000N 130-27-36.000W	Fl (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
765.2	*DART Tsunami Warning Lighted Buoy 46407*	42-36-14.400N 128-54-00.000W	Fl Y 4s			Yellow disc-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
765.4	*DART Tsunami Warning Lighted Buoy 46404*	45-51-28.800N 128-46-04.800W	Fl Y 4s			Yellow disc-shaped hull	Aid maintained by National Oceanic and Atmospheric Administration.
765.5	*NOAA Environmental Lighted Buoy 46005*	46-03-00.000N 131-01-12.000W	Fl (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
765.7	*DART Tsunami Warning Lighted Buoy 46419*	48-45-42.000N 129-37-00.000W	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
	APPROACHES TO STRAIT OF JUAN DE FUCA (Chart 18480)						
770 16140	**Carmanah Point (C)**	48-36-42.400N 124-45-04.800W	Fl W 5s	182	19	White octagonal tower.	Emergency light.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA				
	JUAN DE FUCA TO QUEEN CHARLOTTE SOUND (Chart 17005)						
775	*Clo-Oose Approach Lighted Whistle Buoy Yj* (C)	48-38-48.000N 124-49-48.000W	Mo (A) W			Red and white stripes.	
780	PACHENA POINT LIGHT (C)	48-43-18.000N 125-05-48.000W	Fl (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)	48-45-00.000N 125-09-12.000W	Fl W 4s	66	6	White cylindrical tower with red band at top.	
790	**Cape Beale Light** (C)	48-47-12.000N 125-12-48.000W		167	12	Red square skeleton tower with white slatwork daymark on 3 sides. 32	White from 311° to 097°, red sector from 097° to 182°. HORN: 1 blast ev 30s (3s bl). Emergency light.
795	BORDELAIS ISLETS LIGHT (C)	48-49-06.000N 125-13-48.000W	Fl W 4s	93	7	White circular tower with green band at top.	
800	CHROW ISLANDS LIGHT (C)	48-49-06.000N 125-28-18.000W	Fl W 4s	40	6	White circular tower.	
805	FRANCIS ISLAND LIGHT (C)	48-55-18.000N 125-31-24.000W	Fl (3)W 12s 0.5s fl 2sec. 0.5s fl 2sec. 0.5s fl 6.5sec.	26	7	Mast.	
810	**Amphitrite Point Light** (C)	48-55-18.000N 125-32-30.000W	Fl W 12s	50	16	White rectangular tower. 20	HORN: 1 blast ev 20s (2s bl).
820	**Lennard Island Light** (C)	49-06-36.000N 125-55-24.000W	Fl 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	**Estevan Point Light** (C)	49-23-00.000N 126-32-36.000W	Fl (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	**Nootka Light** On summit of San Rafael Island. (C)	49-35-36.000N 126-36-48.000W		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)	49-59-54.000N 127-27-00.000W	Fl G 4s	48	9	White circular tower with green band at top, on white rectangular building.	HORN: 1 blast ev 20s (2s bl).
925	**Quatsino Island Light** (C)	50-26-28.000N 128-01-57.000W	Fl W 5s	93	17	White circular tower. 38	HORN: 1 blast ev 30s (3s bl). Horn points 140°.
930	**Cape Scott Light** (C)	50-47-00.000N 128-25-30.000W	Fl 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.
	QUEEN CHARLOTTE SOUND TO DIXON ENTRANCE (Chart 17008)						
935	**Cape St. James Light** (C)	51-56-12.000N 131-00-54.000W	Fl W 5s	315	14	Mast. 15	
940	FLATROCK ISLAND LIGHT (C)	52-06-30.000N 131-10-00.000W	Fl W 6s	81	6	Square skeleton tower.	
945	TASU SOUND LIGHT (C)	52-45-00.000N 132-05-42.000W	Fl (3)W 12s 0.5s fl 2sec. 0.5s fl 2sec. 0.5sfl 6.5sec.	27	6	Square skeleton tower.	
950	DAVIDSON POINT LIGHT (C)	52-44-30.000N 132-06-42.000W	Fl W 6s	122	7	White circular tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA				
	QUEEN CHARLOTTE SOUND TO DIXON ENTRANCE (Chart 17008)						
955	TCENAKUN POINT LIGHT (C)	53-09-06.000N 132-35-00.000W	Fl W 4s	91	6	Square skeleton tower.	
960	MARBLE ISLAND LIGHT (C)	53-12-06.000N 132-40-06.000W	Fl W 6s	113	6	Square skeleton tower.	
965	FREDERICK ISLAND LIGHT (C)	53-56-18.000N 133-11-48.000W	Fl W 6s	55	6	Square skeleton tower.	
970	HIPPA ISLAND LIGHT (C)	53-32-42.000N 133-00-36.000W	Fl W 4s	103	6	Square skeleton tower.	
975	IPHIGENIA POINT LIGHT (C)	54-11-24.000N 133-00-42.000W	Fl W 6s	31	6	Square skeleton tower.	
980	LANGARA POINT LIGHT (C)	54-15-24.000N 133-03-30.000W	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*	58-02-06.000N 149-59-38.000W	Fl (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
			PACIFIC OCEAN - Seventeenth District				
	GULF OF ALASKA (Chart 531)						
984	*NOAA Data Lighted Buoy 46001*	56-18-00.048N 148-01-15.576W	Fl (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.1	*NOAA Data Lighted Buoy 46066*	52-44-14.000N 154-57-40.000W	Fl (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.15	*NOAA Data Lighted Buoy 46085*	55-52-09.949N 142-29-51.085W	Fl (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.2	*NOAA Tsunami Warning Lighted Buoy 46403*	52-38-11.000N 156-55-54.000W	Fl (4)Y 20s			Red and white disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.3	*NOAA Tsunami Warning Lighted Buoy 46402*	51-04-10.440N 164-00-37.860W	Fl (4)Y 20s			Red and white disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.4	*NOAA Tsunami Warning Lighted Buoy 46408*	49-37-34.000N 169-52-17.000W	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.5	*NOAA Tsunami Warning Lighted Buoy 46409*	55-18-03.000N 148-29-42.000W	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.6	*NOAA Tsunami Warning Lighted Buoy 46410*	57-38-02.000N 143-48-13.000W	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.7	*NOAA Tsunami Warning Lighted Buoy 46413*	48-40-18.000N 174-35-36.000W	Fl (4)Y 20s			Red and white 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			Red and white disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
984.85	*NOAA Tsunami Warning Lighted Buoy 21415*	50-11-00.000N 171-50-56.000E	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	DIXON ENTRANCE TO CAPE ST. ELIAS (Chart 16016)						
985 24330	CAPE MUZON LIGHT	54-39-53.610N 132-41-33.846W	Fl W 6s	80	7	NR on spindle.	Obscured from 089° to 297°.
995	LOWRIE ISLAND LIGHT	54-51-37.362N 133-32-07.356W	Fl W 6s	61	8	NR on skeleton tower.	
1000 24455	DIVER ISLANDS LIGHT	55-10-40.423N 133-15-53.162W	Fl W 4s	130	7	NR on post.	Obscured from 186° to 007°.
1005 24460	CAPE BARTOLOME LIGHT	55-13-50.247N 133-36-56.131W	Fl W 6s	158	7	NR on spindle.	Obscured from 148° to 263°.
1010 24650	CAPE ULITKA LIGHT	55-33-45.204N 133-43-43.314W	Fl W 6s	115	6	NR on skeleton tower.	Obscured from 310° to 053°.
1015 23450	HELM POINT LIGHT	55-49-35.358N 134-16-11.436W	Fl W 6s	140	6	NR on skeleton tower.	Obscured from 067° to 188°.
1020 23440	**Cape Decision Light**	56-00-05.237N 134-08-09.496W	Fl W 5s	96	18	60	Obscured from 134° to 245°. Emergency light (Fl W 6s) of reduced intensity if main light is extinguished.
1025 23460	CAPE OMMANEY LIGHT	56-09-36.780N 134-39-39.960W	Fl W 6s	195	8	NR on monopile.	Obscured from 061° to 293°.
1028	*NOAA Data Lighted Buoy 46084*	56-37-11.396N 136-02-40.959W	Fl (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
1030 24910	CAPE EDGECUMBE LIGHT	56-59-53.310N 135-51-27.426W	Fl W 4s	100	7	NR on skeleton tower.	Obscured from 149.5° to 321°.
1035 25165	KLOKACHEF ISLAND LIGHT	57-24-12.048N 135-54-22.440W	Fl W 6s	85	7	NR on square frame.	Obscured from 155.5° to 291°.
1040 25370	HILL ISLAND LIGHT	57-43-39.159N 136-16-35.987W	Fl W 4s	60	6	NR on square frame.	Obscured from 111° to 264°.
1045	Star Rock Bell Buoy	57-49-46.541N 136-28-08.137W				Green and red bands.	
1050 25375	LISIANSKI STRAIT LIGHT 2	57-50-42.438N 136-26-07.634W	Fl R 4s	53	4	TR on skeleton tower.	Obscured from 024° to 210°.
1055	GREENTOP ISLAND LIGHT	57-51-20.967N 136-29-05.640W	Fl W 6s	79	6	NR on monopile.	
1060	Deer Harbor Entrance Bell Buoy 1	57-56-10.638N 136-34-36.659W				Green.	
1065	SURGE BAY ENTRANCE LIGHT	57-58-35.636N 136-33-39.661W	Fl W 4s	65	6	NR on monopile.	Obscured from 176° to 016°.
1070 24240	**Cape Spencer Light**	58-11-55.847N 136-38-25.720W	Fl W 10s	105	17	30	Emergency light (Fl W 6s) of reduced intensity if main light is extinguished.
1075	LIBBY ISLAND LIGHT	58-16-24.467N 136-46-25.866W	Fl W 4s	53	6	NR on spindle.	Obscured from 089° to 206°.
1080	*Sugarloaf Island Shoal Lighted Whistle Buoy 2*	58-17-22.880N 136-53-23.113W	Fl R 6s		4		
1082	*NOAA Data Lighted Buoy 46083*	58-14-33.000N 137-59-36.000W	Fl (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
1085 25415	OCEAN CAPE LIGHT	59-32-08.267N 139-51-19.818W	Fl W 6s	130	9	NR on skeleton tower.	Obscured from 134° to 309°.
1090 25420	*Yakutat Bay Entrance Lighted Whistle Buoy 2*	59-31-59.124N 139-57-10.820W	Fl R 2.5s		4	Red.	
1097	*NOAA Data Lighted Buoy 46082*	59-41-06.958N 143-23-40.784W	Fl (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	CAPE ST. ELIAS TO SHUMAGIN ISLANDS (Chart 16013)						
1100	**Cape St. Elias Light**	59-47-54.102N 144-35-55.824W	Fl W 10s	85	17	85	Obscured from 160° to 287° and from 018.5 to 027°. Emergency light (Fl W 6s) of reduced intensity if main light is extinguished.
1105	Cape St. Elias Buoy 2	59-44-48.331N 144-38-04.403W				Red nun.	
1110	Wessels Reef Buoy 1	59-47-44.760N 146-05-32.400W				Green can.	
1115 25475	*Egg Island Lighted Whistle Buoy EI*	60-17-17.595N 145-43-11.947W	Mo (A) W		6	Red and white stripes.	
1120 25480	EGG ISLAND LIGHT E	60-21-59.094N 145-45-18.780W	Fl W 6s	33	9	NR on skeleton tower.	
1125	**Cape Hinchinbrook Light**	60-14-14.808N 146-38-47.520W	Fl W 15s	235	19	70	Obscured from 134° to 135° and 138° to 283°. Emergency light (Fl W 6s) of reduced intensity if main light is extinguished.
1130 25515	SEAL ROCKS LIGHT	60-09-46.904N 146-50-17.728W	Fl W 6s	48	8	NR on skeleton tower.	RACON: K (– • –).
1131	*NOAA Data Lighted Buoy 46061*	60-13-04.000N 146-49-30.000W	Fl (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
1135 25520	*Seal Rocks Shoal Lighted Whistle Buoy 1*	60-09-57.750N 146-44-52.941W	Fl G 4s		4	Green.	
1140 25985	RUGGED ISLAND LIGHT	59-50-17.689N 149-22-26.295W	Fl W 6s	438	7	NR on steel skeleton tower.	Obscured from 059° to 111° and from 114° to 221°.
1145	PILOT ROCK LIGHT	59-44-31.508N 149-28-12.195W	Fl W 4s	100	6	NR on skeleton tower.	
1150	SEAL ROCKS LIGHT	59-31-14.315N 149-37-47.087W	Fl W 6s	285	8	NR on steel skeleton tower.	
1155 26065	EAST CHUGACH LIGHT	59-06-22.674N 151-26-37.087W	Fl W 6s	325	7	NR on skeleton tower.	Obscured from 118° to 227°.
1160 26100	EAST AMATULI ISLAND LIGHT	58-54-56.598N 151-57-07.824W	Fl W 6s	120	8	NR on skeleton tower.	Obscured from 076° to 147°.
1165 27045	LATAX ROCKS LIGHT	58-41-21.546N 152-29-01.747W	Fl W 4s	40	8	NR on post.	
1170 26460	TONKI CAPE LIGHT	58-21-08.880N 151-59-11.574W	Fl W 4s	75	8	NR on skeleton tower.	
1175 26545	*Williams Reef Lighted Whistle Buoy 1*	57-50-16.594N 152-09-27.742W	Fl G 4s		5	Green.	
1180 26850	*Humpback Rock Lighted Whistle Buoy 1*	57-42-47.757N 152-14-12.997W	Fl G 4s		5	Green.	
1185	CAPE CHINIAK LIGHT	57-37-40.626N 152-09-12.288W	Fl W 6s	120	8	NR on skeleton tower.	
1187	*NOAA Data Lighted Buoy 46078*	56-02-59.936N 152-33-38.102W	Fl (4)Y 20s			Yellow boat-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
1195 26915	WHIRLPOOL POINT LIGHT	56-36-59.645N 154-05-36.083W	Fl W 2.5s	51	8	NR on skeleton tower.	
1197	*NOAA Data Lighted Buoy 46075*	53-55-31.921N 160-48-23.204W	Fl (4)Y 20s			Yellow boat-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
			BERING SEA - Seventeenth District				
1198	*NOAA Data Lighted Buoy 46035*	57-04-00.000N 177-45-00.000W	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BERING SEA - Seventeenth District				
1198.1	*NOAA Data Lighted Buoy 46070*	55-00-11.000N 175-17-02.000E	Fl (4)Y 20s			Yellow boat shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
1199	*NOAA Data Lighted Buoy 46073*	55-00-40.000N 171-58-50.000W	Fl (4)Y 20s			Yellow disc-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
			ALASKA - Seventeenth District				
	ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011)						
1200	HAGUE ROCK LIGHT	54-33-00.810N 162-24-04.896W	Fl W 4s	60	6	NR on square frame.	
1205	Pankof Breaker Buoy 1	54-42-49.613N 162-59-54.276W				Green can.	
1220	SCOTCH CAP LIGHT	54-23-44.750N 164-44-43.103W	Fl W 6s	110	9	NR on skeleton tower.	Obscured from 104° to 276°.
1225	UGAMAK ISLAND LIGHT	54-13-44.886N 164-48-01.554W	Fl W 4s	98	8	NR on skeleton tower.	
1230	CAPE SARICHEF LIGHT	54-35-53.682N 164-55-39.378W	Fl W 2.5s	170	8	NR on skeleton tower.	Obscured from 223.5° to 018.5°.
1235	BILLINGS HEAD LIGHT	54-17-48.073N 165-31-27.840W	Fl W 4s	210	6	NR on skeleton tower.	Obscured from 256.5° to 090.5°.
1240	NORTH HEAD LIGHT	54-13-15.868N 165-58-47.092W	Fl W 6s	60	6	NR on monopole.	Obscured from 257° to 054°.
1245	SEALION ROCKS LIGHT	55-27-52.122N 163-12-11.082W	Fl W 6s	94	7	On skeleton tower.	
1250	CAPE SENIAVIN LIGHT	56-23-56.658N 160-08-46.554W	Fl W 6s	175	7	NR on skeleton tower.	
1255 27760	SMOKY POINT LIGHT	57-36-44.304N 157-41-26.254W	Fl W 4s	40	6	NR on skeleton tower.	
1260	CAPE GREIG LIGHT	57-44-30.036N 157-41-47.106W	Fl W 6s	350	6	NR on skeleton tower.	
1285	CAPE MOHICAN LIGHT	60-12-40.896N 167-27-28.122W	Fl W 6s	285	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1287	CAPE ETOLIN LIGHT	60-25-48.444N 166-09-37.896W	Fl W 6s	40	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1
1290	BLACK RIVER ENTRANCE LIGHT	62-21-19.596N 165-20-50.382W	Fl W 4s	20	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1293 27859.5	SHELDON POINT LIGHT	62-32-21.320N 165-01-13.054W	Fl W 2.5s	18	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1295 27860	YUKON RIVER SOUTH ENTRANCE LIGHT	62-35-21.714N 164-57-42.060W	Fl W 6s	20	8	NR on skeleton tower.	Ra ref.
1300 27865	KWIGUK PASS ENTRANCE LIGHT	62-48-06.480N 164-52-04.488W	Fl 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	63-04-25.218N 164-38-01.637W	Fl W 4s	18	8	NR on skeleton tower.	Obscured from 176° to 266°. Ra ref.
1309 27874	KAKUKTAHUK PASS ENTRANCE LIGHT	63-08-57.336N 163-35-13.710W	Fl W 2.5s	18	8	NR on skeleton tower.	Maintained from July 1 to Nov. 1. Ra ref.
1310 27875	YUKON RIVER NORTH ENTRANCE LIGHT	63-02-26.724N 163-22-46.320W	Fl W 6s	19	8	NR on skeleton tower.	Obscured from 286° to 161°. Ra ref.
1315 27895	POINT ROMANOF LIGHT	63-11-59.586N 162-50-00.120W	Fl W 6s	25	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1320 27900	CAPE STEPHENS LIGHT	63-32-27.180N 162-18-49.056W	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
			ALASKA - Seventeenth District				
	ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011)						
1325 27910	EGG ISLAND LIGHT	63-36-39.732N 161-44-35.070W	Fl W 6s	90	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1335 27955	ROCKY POINT LIGHT	64-23-52.932N 163-08-59.610W	Fl W 2.5s	175	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1340	SLEDGE ISLAND LIGHT	64-29-46.816N 166-11-56.208W	Fl W 6s	32	7	NR on skeleton tower.	Obscured from 326° to 080°. Maintained from July 1 to Nov. 1.
1345	CAPE RODNEY LIGHT	64-38-34.584N 166-23-47.124W	Fl W 4s	24	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1350 27975	POINT SPENCER LIGHT	65-16-37.920N 166-50-56.244W	Fl W 6s	22	7	NR on skeleton tower.	Maintained from Jul. 1 to Nov. 1.
	CAPE PRINCE OF WALES TO POINT BARROW (Chart 16005)						
1355	CAPE PRINCE OF WALES LIGHT	65-38-00.696N 168-07-09.090W	Fl W 4s	20	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1360	SHISHMAREF LIGHT	66-15-31.836N 166-02-24.636W	Fl W 4s	20	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1365	NORTHWEST CORNER LIGHT	66-34-49.990N 164-24-24.203W	Fl W 6s	75	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
			CALIFORNIA - Eleventh District				
	APPROACHES TO SAN DIEGO BAY (CHART 18765)						
	San Diego Bay						
1485 10	- *Approach Lighted Whistle Buoy SD*	32-37-20.192N 117-14-45.128W	Mo (A) W		6	Red and white stripes with red spherical topmark.	RACON: M (– –).
1490	- *Approach Lighted Buoy 3*	32-38-13.195N 117-14-12.985W	Fl G 6s		4	Green.	
1493	- *Approach Lighted Bell Buoy 4*	32-38-02.001N 117-13-18.947W	Q R		4	Red.	
1495	- *Channel Lighted Buoy 5*	32-39-08.190N 117-13-38.126W	Fl G 2.5s		3	Green.	
1496	*Point Loma Ocean Outfall Lighted Buoy PLOO*	32-40-00.000N 117-19-30.000W	Fl Y 4s			Yellow foam.	Private aid.
1497	*Point Loma NPS Flux Research Buoy*	32-41-29.520N 117-16-42.720W	Fl W 4s			Yellow	Research buoy with yellow Equipment tower. Private aid.
	SAN DIEGO BAY (Chart 18773)						
	San Diego Bay						
1500	- ENTRANCE RANGE FRONT LIGHT	32-42-18.174N 117-14-00.972W	Q G	22		KRW on white column.	Visible 1.5° each side of the rangeline. HORN: 1blast ev 10s (1s bl).
1505	- ENTRANCE RANGE REAR LIGHT 506 yards, 353° from front light.	32-42-32.568N 117-14-02.982W	Iso G 6s	55		KRW on skeleton tower.	Visible 1.5° each side of the rangeline.
1510	- *Channel Lighted Buoy 6*	32-39-09.190N 117-13-29.126W	Fl R 4s		3	Red.	
1515	- *Channel Lighted Buoy 7*	32-39-54.188N 117-13-44.627W	Fl G 4s		4	Green.	
	Zuniga Jetty						
1520	- LIGHT Z	32-40-00.786N 117-13-23.076W	Fl W 2.5s	28	6	NW labeled DANGER SUBMERGED JETTY on post.	HORN: 1 blast ev 10s (1s bl). Operates continuously.
1525	- LIGHT Y	32-40-15.144N 117-13-23.400W	Fl W 4s	18	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
			CALIFORNIA - Eleventh District				
	SAN DIEGO BAY (Chart 18773)						
	San Diego Bay						
	Zuniga Jetty						
1530	- LIGHT X	32-40-29.028N 117-13-23.820W	Fl W 4s	18	6	NW labeled DANGER SUBMERGED JETTY on post.	
1535	- LIGHT W	32-40-41.904N 117-13-24.234W	Fl W 4s	18	6	NW labeled DANGER SUBMERGED JETTY on post.	
1540	- LIGHT V	32-40-54.756N 117-13-24.618W	Fl W 4s	16	6	NW labeled DANGER SUBMERGED JETTY on post.	
	San Diego Bay						
1545	- *Channel Lighted Buoy 8*	32-39-55.209N 117-13-35.492W	Fl R 2.5s		3	Red.	
1550	- *Channel Lighted Buoy 9*	32-40-24.687N 117-13-48.927W	Fl G 2.5s		3	Green.	
1555	- *Channel Lighted Buoy 10*	32-40-25.811N 117-13-39.259W	Fl R 4s		4	Red.	
1560	- *Channel Lighted Buoy 11*	32-40-55.186N 117-13-53.628W	Fl G 4s		4	Green.	
1565	- *Channel Lighted Buoy 12*	32-40-56.866N 117-13-44.418W	Fl R 2.5s		3	Red.	
1567	- SUBMERGED JETTY LIGHT E	32-41-12.150N 117-13-39.143W	Fl W 2.5s	15	4	NW on pile labeled: DANGER SUBMERGED JETTY.	
1568	- SUBMERGED JETTY LIGHT M	32-41-10.590N 117-13-36.672W	Fl W 4s	15	3	NW on pile labeled: DANGER SUBMERGED JETTY.	
1570	BALLAST POINT LIGHT B	32-41-10.788N 117-13-57.978W	Fl W 4s	16	9	NG on platform on dolphin.	HORN: 1 blast ev 15s (2s bl).
1571	Ballast Point Shoal Buoy	32-41-12.705N 117-14-01.301W				White can labeled SHOAL, with orange bands.	
1585	- *Channel Lighted Buoy 14*	32-41-44.185N 117-13-51.528W	Q R		3	Red.	
1590	- *Channel Lighted Buoy 15*	32-41-44.885N 117-13-59.129W	Fl G 2.5s		3	Green.	
	Shelter Island Yacht Basin						
1593	*Shelter Island Lighted Buoy 2*	32-42-16.692N 117-14-02.328W	Fl (2)R 5s		3		
1594	SHELTER ISLAND 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	32-42-28.302N 117-14-06.072W	Fl R 2.5s	15	4	TR on pile.	
	San Diego North Island Shallow Water Habitat						
1616	- LIGHT A	32-42-08.883N 117-13-33.432W	Fl W 4s	15	4	NW labeled DANGER ROCKS on pile.	
1617	- Daybeacon B	32-42-12.197N 117-13-31.789W				NW labeled DANGER ROCKS on pile.	
1618	- Daybeacon C	32-42-14.466N 117-13-29.253W				NW labeled DANGER ROCKS on pile.	
1619	- LIGHT D	32-42-17.287N 117-13-26.522W	Fl W 4s	15	4	NW labeled DANGER ROCKS on pile.	
	San Diego Bay						
1620	- *Channel Lighted Buoy 16*	32-42-06.384N 117-13-45.228W	Fl R 2.5s		3	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SAN DIEGO BAY (Chart 18773)						
	San Diego Bay						
1625	- *Channel Lighted Buoy 16A*	32-42-22.684N 117-13-34.128W	Q R		3	Red.	
1630	- *Channel Lighted Buoy 17*	32-42-19.184N 117-13-47.029W	Fl G 4s		4	Green.	
1635	NORTH ISLAND LIGHT NW	32-42-29.880N 117-13-11.544W	Fl W 2.5s	23	4	NR on post.	
1640	SHELTER ISLAND LIGHT S	32-42-55.332N 117-13-22.176W	Fl W 2.5s	16	5	NG on post.	
1645	- *Channel Lighted Buoy 18*	32-42-47.184N 117-13-02.127W	Fl R 4s		3	Red.	
1650	- *Channel Lighted Buoy 19*	32-42-53.835N 117-13-06.287W	Q G		3	Green.	
	Americas Cup Harbor						
1655	- *Lighted Buoy 1*	32-43-09.183N 117-13-02.127W	Fl G 4s		4		
1662	- LIGHT B	32-43-16.693N 117-13-16.388W	Fl (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.
	San Diego Bay						
1700	HARBOR ISLAND LIGHT	32-43-27.036N 117-12-47.406W	Fl W 4s	56	8	On top of red roofed building.	
1705	NORTH ISLAND LIGHT N	32-42-50.802N 117-12-33.126W	Q W	20	3	NR on post on concrete platform.	
1710	- *Channel Lighted Buoy 20*	32-43-00.184N 117-12-24.926W	Q R		3	Red.	
1715	- *Channel Lighted Buoy 21*	32-43-08.583N 117-11-37.323W	Q G		3	Green.	
1720	*Navy Lighted Mooring Buoy*	32-43-16.200N 117-11-24.840W	Fl W 4s			White with blue band.	Navy Maintained. Private aid.
	Harbor Island East Basin						
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.
	San Diego Bay						
1800	**- Pier B Sound Signal**	32-43-03.084N 117-10-35.010W					HORN: 1 blast ev 15s (2s bl).
1810	- Safety Zone Northeast Buoy	32-43-36.359N 117-10-44.530W				Yellow can.	
1815	- Safety Zone Southeast Buoy	32-43-20.383N 117-10-52.622W				Yellow can.	
1820	- Safety Zone Southwest Buoy	32-43-25.883N 117-11-07.722W				Yellow can.	

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	SAN DIEGO BAY (Chart 18773)						
	San Diego Bay						
1821	San Diego Safety Zone Northwest Buoy	32-43-32.500N 117-11-04.300W				Yellow can.	
1821.1	- Safety Zone West Buoy	32-43-29.500N 117-11-06.100W				Yellow can.	
1822	- Safety Zone Northwest Daybeacon	32-43-35.910N 117-11-02.694W				NY on post.	
1825	- Channel Buoy 22A	32-42-11.186N 117-10-28.120W				Red nun.	
1830	- *Channel Lighted Buoy 22*	32-42-31.285N 117-10-43.221W	Fl R 4s		3	Red.	
1835	- *Channel Lighted Buoy 23*	32-42-14.086N 117-10-09.020W	Fl G 4s		4	Green.	
1840	- *Channel Lighted Buoy 24*	32-41-54.873N 117-09-54.036W	Fl R 4s		3	Red.	
1845	- *Channel Lighted Buoy 26*	32-40-59.889N 117-08-39.315W	Fl R 4s		3	Red.	
1847	- *Channel Lighted Buoy 26A*	32-40-47.759N 117-08-19.839W	Fl R 6s		4	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	**SAN DIEGO-CORONADO BAY BRIDGE RACON T** West span, center of channel.	32-41-23.600N 117-09-11.310W					RACON: T (–). Private aid.
1860	**San Diego-Coronado Bay Bridge Fog Signal**	32-41-25.500N 117-09-08.900W				Bridge pier.	HORN (2): 1 blast ev 10s (1s bl). Simultaneously. Private aid.
1861	**SAN DIEGO-CORONADO BAY BRIDGE RACON C** East span, center of channel.	32-41-28.470N 117-09-06.560W					RACON: C (– • – •). Private aid.
	Glorietta Bay						
1865	- *Channel Lighted Buoy 1*	32-41-11.161N 117-09-11.127W	Fl G 4s		4	Green.	
1875	- CHANNEL RANGE FRONT LIGHT	32-40-35.059N 117-10-08.822W	Q G	11		KRW on pile.	Visible all around.
1880	- CHANNEL RANGE REAR LIGHT On shore, 210 feet, 232° from front light.	32-40-33.804N 117-10-10.710W	Iso G 6s	22		KRW on pile.	Visible all around.
1885	- Channel Buoy 2	32-41-09.866N 117-09-22.061W				Red nun.	
1890	- Channel Buoy 3	32-41-00.267N 117-09-27.160W				Green can.	
1892	- Channel Buoy 5	32-40-33.960N 117-10-01.140W				Green can	Private aid.
1895	- Channel Buoy 6	32-40-41.464N 117-10-02.541W				Red nun.	
1900	- *Channel Lighted Buoy 8*	32-40-41.188N 117-10-06.618W	Q R			Red.	Private aid.
	San Diego Bay						
1980	- *Channel Lighted Buoy 28*	32-40-36.190N 117-08-00.613W	Fl R 4s		3	Red.	
2005	- *Channel Lighted Buoy 30*	32-40-08.391N 117-07-39.612W	Fl R 4s		3	Red.	
2010	- *Channel Lighted Buoy 32*	32-39-47.236N 117-07-34.151W	Fl R 4s		3	Red.	
	APPROACHES TO SAN DIEGO BAY (CHART 18765)						
	San Diego Bay						
2014	- *Wreck Buoy WR32A*	32-39-31.100N 117-07-38.400W	Q R				Private aid.

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	SAN DIEGO BAY (Chart 18773)						
	San Diego Bay						
2015	- *Channel Lighted Buoy 33*	32-39-30.892N 117-07-23.511W	Fl G 2.5s		3	Green.	
2020	- *Channel Lighted Buoy 34*	32-39-24.192N 117-07-37.111W	Fl R 2.5s		3	Red.	
	APPROACHES TO SAN DIEGO BAY (CHART 18765)						
	San Diego Bay						
2025	NATIONAL CITY BERTH LIGHT	32-39-24.640N 117-07-20.950W	F G	10			Private aid.
	SAN DIEGO BAY (Chart 18773)						
	San Diego Bay						
2035	- *Channel Lighted Buoy 36*	32-39-18.615N 117-07-27.278W	Fl R 4s		3	Red.	
2040	- *Channel Lighted Buoy 38*	32-39-03.570N 117-07-23.374W	Fl R 2.5s		3	Red.	
2042	- *Channel Lighted Buoy 39*	32-38-50.193N 117-07-13.110W	Q G		3	Green.	
2045	- *Channel Lighted Buoy 40*	32-38-42.893N 117-07-27.410W	Fl R 4s		3	Red.	
	APPROACHES TO SAN DIEGO BAY (CHART 18765)						
	San Diego Bay						
2052.1	- SPEED CONTROL LIGHT A	32-38-33.850N 117-07-37.830W	Fl W 4s	11		White sign with orange border on pile.	Private aid.
2052.2	- SPEED CONTROL LIGHT B	32-38-29.680N 117-07-45.780W	Fl W 4s	11		White sign with orange border on pile.	Private aid.
	SAN DIEGO BAY (Chart 18773)						
	San Diego Bay						
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.
	Sweetwater Channel						
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.
	Coronado Cays Channel						
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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SAN DIEGO BAY (Chart 18773)						
	San Diego Bay						
	Coronado Cays Channel						
2110	- LIGHT 13	32-37-49.900N 117-07-47.600W	Q G	14		SG on pile.	Private aid.
2115	- LIGHT C	32-37-41.200N 117-07-43.400W	Fl W 2s	15			Private aid.
2120	- LIGHT 15	32-37-39.800N 117-07-45.000W	Q G	8		SG on pile.	Private aid.
2125	- LIGHT 16	32-37-39.300N 117-07-47.200W	Q R	8		TR on pile.	Private aid.
2130	- Daybeacon 17	32-37-35.100N 117-07-43.600W				SG on pile.	Private aid.
2135	- Daybeacon 18	32-37-34.700N 117-07-46.000W				TR on pile.	Private aid.
2140	- Daybeacon 19	32-37-25.400N 117-07-40.900W				SG on pile.	Private aid.
2145	- Daybeacon 20	32-37-24.500N 117-07-43.300W				TR on pile.	Private aid.
2150	- LIGHT 21	32-37-20.100N 117-07-39.700W	Q G	9		SG on pile.	Private aid.
2155	- LIGHT 22	32-37-19.800N 117-07-42.100W	Q R	8		TR on pile.	Private aid.
	Chula Vista Channel						
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.
2195	- LIGHT 9	32-38-11.160N 117-07-01.100W	Fl G 4s	7		SG on pile.	Private aid.
2200	- LIGHT 10	32-38-08.310N 117-07-09.970W	Fl R 2.5s	10		TR on pile.	Private aid.
2202	- LIGHT 10A	32-38-07.790N 117-07-01.410W	Fl R 4s	7		TR on pile.	Private aid.
2205	- LIGHT 11	32-38-10.200N 117-06-51.990W	Fl G 2.5s	10		SG on pile.	Private aid.
2207	- LIGHT 11A	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	- *Lighted Buoy "13"*	32-37-59.260N 117-06-43.530W	Fl G 2.5s			Green.	Private aid.
2220	- LIGHT 14	32-37-57.620N 117-06-47.530W	Fl R 2.5s	7		TR on pile.	Private aid.
2225	- LIGHT 15	32-37-48.490N 117-06-37.410W	Fl G 4s	7		SG on pile.	Private aid.
2230	- LIGHT 16	32-37-46.760N 117-06-41.840W	Fl R 4s	7		TR on pile.	Private aid.

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			CALIFORNIA - Eleventh District				
	SAN DIEGO BAY (Chart 18773)						
	San Diego Bay						
	Chula Vista Channel						
2235	- LIGHT 17	32-37-40.140N 117-06-32.650W	Fl G 4s	7		SG on pile.	Private aid.
2240	- LIGHT 18	32-37-38.690N 117-06-36.310W	Fl R 4s	7		TR on pile.	Private aid.
2245	- LIGHT 19	32-37-32.190N 117-06-27.510W	Fl G 2.5s	6		SG on pile.	Private aid.
2250	- LIGHT 20	32-37-30.860N 117-06-29.760W	Fl R 2.5s	6		TR on pile.	Private aid.
2255	- LIGHT 21	32-37-27.990N 117-06-24.510W	Fl G 4s	6		SG on pile.	Private aid.
2260	- LIGHT 22	32-37-26.840N 117-06-26.510W	Fl 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	Fl G 4s	19		On post.	Private aid.
2270	CHULA VISTA BASIN SOUTH LIGHT	32-37-22.995N 117-06-14.706W	Fl R 4s	18		On post.	Private aid.
	APPROACHES TO SAN DIEGO BAY (CHART 18765)						
	Mission Bay						
2275 25	- SOUTH JETTY LIGHT 2	32-45-21.528N 117-15-39.219W	Fl R 2.5s	15	5		
2280 30	- NORTH JETTY LIGHT 1	32-45-30.204N 117-15-36.510W	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.
2282	- WIER LIGHT WEST END	32-45-25.434N 117-15-01.296W	Fl W 2.5s	19	4	NW labeled DANGER SUBMERGED JETTY on pile.	
2283	- WIER LIGHT EAST END	32-45-26.136N 117-14-55.782W	Fl W 2.5s	19	4	NW labeled DANGER SUBMERGED JETTY on pile.	
2287	- LIGHT 6	32-45-45.575N 117-14-31.951W	Fl R 4s	26	4	TR on pole.	
2288	*Scripps Waverider Lighted Research Buoy 093*	32-44-34.800N 117-22-03.000W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
2289.1	*Scripps Waverider Lighted Research Buoy 100*	32-55-49.000N 117-23-33.000W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
2289.2	*Scripps Waverider Lighted Research Buoy 045*	33-10-46.000N 117-28-17.000W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
	GULF OF SANTA CATALINA (Chart 18774)						
2289.5	*Scripps Waverider Lighted Research Buoy 161*	33-00-10.440N 117-17-30.120W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
2289.6	*Scripps Waverider Lighted Research Buoy 043*	33-13-11.400N 117-26-22.200W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
	Oceanside						
2290	*- Approach Lighted Whistle Buoy OC*	33-12-06.129N 117-24-29.143W	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	33-12-19.915N 117-24-09.847W	Fl G 2.5s	30	5	SG on pile.	
2296 45	- SOUTH JETTY LIGHT 2	33-12-21.732N 117-23-58.548W	Fl R 2.5s	26	5	TR on post.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si).
2300	*- Junction Lighted Buoy*	33-12-28.667N 117-24-08.698W	Fl (2+1)G 6s		4	Green and red bands.	
2305	*- Harbor Lighted Buoy 3*	33-12-29.533N 117-24-01.329W	Fl G 4s		4	Green.	
2310	- LIGHT 4	33-12-26.076N 117-23-59.076W	Q R	26	4	TR on tower.	

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	GULF OF SANTA CATALINA (Chart 18774)						
	Oceanside						
2315	- *Lighted Buoy 5*	33-12-30.316N 117-23-51.217W	Fl G 2.5s		4	Green Can.	
2317	- Danger Buoy	33-12-30.373N 117-23-57.178W				White can labeled ROCKS with orange bands.	
2320	- Daybeacon 6	33-12-27.756N 117-23-46.980W				TR on pile.	
2325	- LIGHT 7	33-12-31.524N 117-23-45.030W	Fl G 4s	28	4	SG on tower.	
	Del Mar Boat Basin						
2345	- Buoy 1	33-12-34.075N 117-24-16.128W				Green can.	
2350	- *Buoy 2*	33-12-35.529N 117-24-13.142W	Fl (2)R 5s		3	Red nun.	
2360	- Buoy 4	33-12-42.228N 117-24-15.742W				Red nun.	
2365	- *Buoy 5*	33-12-46.976N 117-24-17.850W	Fl G 2.5s		4	Green can.	
2370	- Buoy 6	33-12-45.935N 117-24-14.801W				Red nun.	
2375	- Daybeacon 7	33-12-54.378N 117-24-11.748W				SG on white skeleton tower.	
2380	- Daybeacon 8	33-12-49.506N 117-24-07.842W				TR on white skeleton tower.	
	San Onofre						
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.
	SAN PEDRO CHANNEL (CHART 18746)						
	Dana Point						
2387	- *Lighted Buoy 1*	33-27-05.311N 117-41-54.259W	Fl G 2.5s		3	Green.	
2390	- *Lighted Buoy 2*	33-27-12.101N 117-41-17.185W	Fl R 2.5s		3	Red.	
2395	- BREAKWATER LIGHT 3	33-27-15.690N 117-41-29.575W	Fl G 4s	32	5	SG on post.	The sound signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. HORN: 1 blast ev 10s (1s bl).
2400	- JETTY LIGHT 4	33-27-24.466N 117-41-31.248W	Fl R 4s	28	5	TR on post.	
	Dana Point Harbor						
2405	- Daybeacon 6	33-27-24.000N 117-41-40.000W				TR on pile.	Private aid.
2410	- Daybeacon 8	33-27-26.000N 117-41-48.000W				TR on pile.	Private aid.
2415	- Daybeacon 10	33-27-28.000N 117-41-56.000W				TR on pile.	Private aid.
2420	- Daybeacon 12	33-27-30.000N 117-42-04.001W				TR on pile.	Private aid.
2425	- Daybeacon 14	33-27-32.000N 117-42-12.200W				TR on pile.	Private aid.
2426	*Scripps Waverider Lighted Research Buoy 096*	33-27-30.000N 117-46-00.000W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
2430	*San Juan Rocks Lighted Whistle Buoy 2SJR*	33-27-18.102N 117-43-15.190W	Fl R 2.5s		4	Red.	
	NEWPORT BAY (Chart 18754)						
	Newport Bay						
	Anchorage buoys maintained from May 15 to Sept. 15.						
2435	*Newport Harbor Entrance Lighted Bell Buoy NWP*	33-35-03.782N 117-52-41.505W	Mo (A) W		5	Red and white stripes.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	NEWPORT BAY (Chart 18754)						
	Newport Bay						
	Anchorage buoys maintained from May 15 to Sept. 15.						
2440 90	- WEST JETTY LIGHT 3	33-35-17.950N 117-52-46.428W	Fl G 6s	44	6	SG on steel monopile.	Reduced intensity from 355° to 110°. The sound signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. HORN: 1 blast ev 30s (3s bl).
2445	- EAST JETTY LIGHT 4	33-35-22.681N 117-52-38.704W	Fl R 4s	25	5	TR on post.	
2450	- CHANNEL LIGHT 5	33-35-56.178N 117-52-57.648W	Fl G 2.5s	12	5	SG on pile.	
2455	- CHANNEL LIGHT 6	33-35-56.418N 117-52-50.928W	Fl R 4s	18	4	TR on pile.	
2460	- *Channel Lighted Buoy 8*	33-36-05.240N 117-53-14.269W	Fl R 4s		3		
2465	- CHANNEL LIGHT 10	33-36-14.250N 117-53-47.904W	Fl R 2.5s	24	5	TR on pile.	
2470	- CHANNEL LIGHT 11	33-36-28.746N 117-54-15.276W	Fl G 4s	15	5	SG on pile.	
2475	- CHANNEL LIGHT 12	33-36-42.084N 117-54-29.013W	Fl R 2.5s	15	3	TR on pile.	
2517	*Scripps Waverider Lighted Research Buoy 092*	33-37-04.000N 118-19-01.000W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
	SAN CLEMENTE ISLAND (Chart 18762)						
2525	CHINA POINT LIGHT	32-48-13.050N 118-25-33.360W	Fl W 2.5s	112	4	NR on pile.	Visible from 260° to 128°, partially obscured by hills elsewhere.
2530	PYRAMID HEAD LIGHT	32-49-13.428N 118-21-12.390W	Fl W 6s	226	4	NR on post.	Visible from 147° to 095°, partially obscured by hills elsewhere.
2535	PYRAMID COVE ANCHORAGE LIGHT	32-49-59.460N 118-22-59.982W	Fl R 4s	886	4	NR on post.	Visible from 307° to 040°, partially obscured by hills elsewhere.
2540	NAVY ANCHORAGE SOUTH END LIGHT	32-58-30.690N 118-31-54.522W	Fl W 2.5s	140	4	NR on post.	Visible from 150° to 320°, partially obscured by hills elsewhere.
	Wilson Cove						
2545	- LIGHT	33-00-14.058N 118-33-10.098W	Fl W 4s	125	4	NR on post.	Visible from 155° to 317°, partially obscured by hills elsewhere.
2560	**- Sound Signal**	33-00-25.548N 118-33-37.806W					HORN: 1 blast ev 15s (2s bl).
2565	- NORTH END LIGHT	33-01-25.410N 118-33-49.884W	Fl W 6s	60	3	NR on post.	Visible from 139° to 330°, partially obscured by hills elsewhere.
	SAN CLEMENTE ISLAND (Chart 18762)						
2575	SAN CLEMENTE ISLAND LIGHT	33-01-49.986N 118-35-46.710W	Fl W 4s	202	4	NR on post.	Visible from 341° to 276°, partially obscured by hills elsewhere.
	SAN NICOLAS ISLAND (Chart 18755)						
	San Nicolas Island						
2585	- *East End Lighted Bell Buoy 3*	33-13-23.172N 119-23-52.077W	Fl G 4s		5	Green.	
2590	- EAST END LIGHT	33-13-47.111N 119-26-07.379W	Fl W 2.5s	55	6	On post.	Visible from 145° to 005°, partially obscured by hills elsewhere.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SANTA CATALINA ISLAND (Chart 18757)						
2605	**Santa Catalina Island East End Light**	33-18-06.972N 118-19-03.420W	Fl W 6s	212	10	NR on post. 15	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	33-20-42.367N 118-19-19.267W	Fl G 2.5s	21	5	SG on post.	
2620	AVALON BAY LIGHT 2	33-20-54.204N 118-19-26.046W	Fl R 4s	21	4	TR on post.	
2625	**Long Point Light**	33-24-22.778N 118-21-59.397W	Fl W 6s	71	10	NR on post. 15	Obscured from 021° to 070°.
2630	CATALINA HARBOR LIGHT	33-25-24.132N 118-30-50.034W	Fl W 4s	400	7	On post.	Obscured from 104° to 288°. Higher intensity beam on bearing 030°.
2635	SHIP ROCK LIGHT	33-27-47.514N 118-29-30.036W	Fl W 4s	75	6	On steel box.	Ra ref.
2641	ISTHMUS COVE HARBOR REEFS LIGHT	33-26-51.090N 118-29-23.244W	Fl W 2.5s	21	5	NW on post.	
2645	*Isthmus Cove North Entrance Lighted Buoy 1*	33-26-56.896N 118-29-36.284W	Fl G 4s		4	Green.	
2650	Isthmus Cove Northwest Entrance Buoy 2	33-27-39.395N 118-30-27.086W				Red.	
2670	SANTA CATALINA ISLAND WEST END LIGHT	33-28-42.990N 118-36-20.670W	Fl W 6s	76	9	On post.	Visible from 336° to 266°, partially obscured by hills elsewhere.
	SANTA BARBARA ISLAND (Chart 18756)						
2675	**Santa Barbara Island Light**	33-29-14.535N 119-01-48.879W	Fl W 5s	195	9	On post. 18	Visible from 089° to 353°, partially obscured by hills elsewhere.
	SANTA CRUZ CHANNEL (Chart 18728)						
2750	GULL ISLAND LIGHT	33-57-00.360N 119-49-32.628W	Fl W 6s	73	9	On post.	Visible from 265° to 127°, partially obscured by hills elsewhere.
2755	SOUTH POINT LIGHT	33-53-50.574N 120-07-08.271W	Fl W 6s	530	8	Small white house.	Visible from 272° to 115°, partially obscured by hills elsewhere.
	SAN PEDRO BAY (Chart 18749)						
	Anaheim Bay						
2770	- *Entrance Lighted Bell Buoy 1* 50 feet outside channel limit.	33-43-00.214N 118-06-42.255W	Fl G 4s		4	Green.	
2775	- *Entrance Lighted Whistle Buoy 2* 50 feet outside channel limit.	33-42-54.980N 118-06-33.637W	Q R		3	Red.	
2780	- RANGE FRONT LIGHT	33-44-12.843N 118-05-32.229W	Q G	45		KRW on skeleton tower.	Visible 4° each side of the rangeline. Lighted throughout 24 hours.
2785	- RANGE REAR LIGHT 200 yards, 037° from front light.	33-44-17.556N 118-05-27.954W	Iso G 6s	57		KRW on skeleton tower.	Visible 4° each side of the rangeline. Lighted throughout 24 hours.
2790	- Entrance Buoy 3 50 feet outside channel limit.	33-43-23.556N 118-06-22.038W				Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SAN PEDRO BAY (Chart 18749)						
	Anaheim Bay						
2795	- Entrance Buoy 4 50 feet outside channel limit.	33-43-18.340N 118-06-13.413W				Red.	
2800	- WEST JETTY LIGHT 5	33-43-39.080N 118-06-06.706W	Fl G 2.5s	31	4	SG on post.	The sound signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si).
2805	- EAST JETTY LIGHT 6	33-43-35.877N 118-06-00.316W	Fl R 2.5s	27	5	TR on post.	
2810	- Channel Buoy 7	33-43-51.154N 118-05-55.081W				Green.	
2815	- Channel Buoy 8	33-43-49.064N 118-05-50.230W				Red.	
2820	- CHANNEL LIGHT 9	33-44-06.341N 118-05-42.831W	Fl G 4s	15	4	SG on dolphin.	
2825	- CHANNEL LIGHT 10	33-44-03.210N 118-05-37.824W	Fl R 4s	15	4	TR on dolphin.	
2826	- CHANNEL LIGHT 11	33-44-02.844N 118-05-33.978W	Fl G 2.5s	19	4	SG on pile.	
2827	- CHANNEL LIGHT 13	33-43-59.997N 118-05-27.935W	Fl G 4s	15	3	SG on pile.	
2829	- CHANNEL LIGHT 17	33-43-55.983N 118-05-19.528W	Q G	15	3		SG on pile.
	Alamitos Bay						
2830	- EAST JETTY LIGHT 2	33-44-11.264N 118-07-13.143W	Fl R 2.5s	25	5	TR on concrete pyramid.	
2835	- WEST JETTY LIGHT 1	33-44-14.244N 118-07-19.514W	Fl G 2.5s	16	4	SG on post.	The sound signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. BELL: 1 Stoke ev 15s.
2840	- CHANNEL LIGHT 3	33-44-43.344N 118-06-59.904W	Fl G 2.5s	16	5	SG on post.	
2841	- BASIN 1 LIGHT 1	33-45-02.062N 118-06-51.233W	F G	20		On post.	Private aid.
2842	- BASIN 1 LIGHT 2	33-44-59.062N 118-06-55.233W	F R	20		On post.	Private aid.
2843	- BAFFLE LIGHT A	33-45-08.062N 118-06-45.232W	F W	10		On post.	Private aid.
2844	- BAFFLE LIGHT B	33-45-14.062N 118-06-45.233W	F W	10		On post.	Private aid.
	SAN PEDRO BAY (Chart 18749)						
2845	LONG BEACH BREAKWATER EAST END LIGHT 1	33-43-23.466N 118-08-13.336W	Fl G 6s	43	5	SG on skeleton tower.	The sound signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. HORN: 1 blast ev 15s (2s bl).
2847	*Long Beach Harbor Bait Barge LMB "NB"*	33-43-30.000N 118-08-30.000W	Fl W 4s			White with blue band.	Private aid.
	LOS ANGELES AND LONG BEACH HARBORS (Chart 18751)						
2848	*Harbor Bait Barge Lighted Mooring Buoy "LB"*	33-43-30.000N 118-08-19.000W	Fl W 4s			White with blue band.	Private aid.
	SAN PEDRO BAY (Chart 18749)						
2856	*Long Beach Harbor Mooring Buoy S-1*	33-44-32.000N 118-09-02.000W	Fl 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	Fl 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	Fl 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	Fl 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	Fl W 2s			White with blue band.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SAN PEDRO BAY (Chart 18749)						
2870.1	*Long Beach Harbor Manson Lighted Mooring Buoy M-4*	33-44-50.200N 118-10-00.500W	Fl W 2s			White with blue band.	Private aid.
2871	*Long Beach Harbor Brusco Lighted Mooring Buoy*	33-44-53.000N 118-10-09.000W	Fl W 2s			White with blue band.	Private aid.
2872	*Long Beach Harbor Lighted Mooring Buoy PT*	33-44-33.000N 118-10-10.200W	Fl 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	Fl W 4s			White with blue band.	Private aid.
	LOS ANGELES AND LONG BEACH HARBORS (Chart 18751)						
2885	SHORELINE MARINA JETTY LIGHT	33-45-38.064N 118-10-51.243W	Fl W 4s	10		On post.	Private aid.
2890	SHORELINE MARINA BREAKWATER LIGHT EAST	33-45-27.064N 118-10-55.243W	Fl 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	Fl 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	Fl G 4s	10		On post.	Private aid.
2910	SHORELINE MARINA MOLE LIGHT	33-45-28.064N 118-11-25.244W	Fl 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	Fl 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	Fl 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	33-43-58.782N 118-11-07.662W	Fl W 4s	26	8	NR on radar tower.	
3007	*Long Beach Channel Pier J Lighted Buoy 2*	33-44-26.490N 118-10-37.630W	Fl R 4s		4		
3008	LONG BEACH HARBOR PIER J JETTY LIGHT 3	33-44-11.300N 118-10-55.400W	Fl G 2.5s	25	5	SG on pole.	
3009	LONG BEACH HARBOR PIER J LIGHT 4	33-44-17.900N 118-10-56.100W	Fl R 2.5s	25	5	TR on pole.	
	Long Beach Channel						
3010	- *Approach Lighted Whistle Buoy LB*	33-41-24.000N 118-11-01.000W	Mo (A) W		6	Red and white stripes.	RACON: C (– • – •).
3012 125	**Long Beach Light**	33-43-23.484N 118-11-12.540W	Fl W 5s	50	20	Tower on a white building with columnar base. 42	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 30s (3s bl), operates continuously.
3015	- ENTRANCE LIGHT 2	33-43-23.580N 118-10-50.022W	Fl R 2.5s	41	5	TR on white skeleton tower.	
3016	LONG BEACH APPROACH CHANNEL RANGE FRONT LIGHT	33-44-05.538N 118-11-05.484W	Iso R 2s	27		KRW on pile.	Visible 1.5° each side of the rangeline. Lighted throughout 24 hours.
3017	LONG BEACH APPROACH CHANNEL RANGE REAR LIGHT 580 yards, 355° from front light.	33-44-22.000N 118-11-07.000W	Iso R 6s	56		KRW on pile.	Visible 1.5° each side of the rangeline. Lighted throughout 24 hours.
3020	- *Lighted Buoy 3*	33-43-36.150N 118-11-32.820W	Fl G 4s		4	Green.	
3021	- LIGHT 4	33-43-58.830N 118-11-44.664W	Fl R 4s	30	8	TR on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	LOS ANGELES AND LONG BEACH HARBORS (Chart 18751)						
	Long Beach Channel						
3022	- LIGHT 6	33-44-11.148N 118-12-08.298W	Fl R 6s	30	6	TR on post.	
3023	- LIGHT 8	33-44-19.290N 118-12-17.238W	Fl R 2.5s	26	5	TR on post.	
3024	LONG BEACH PIER F LIGHT F	33-44-25.338N 118-12-24.048W	Iso W 6s	26	8	NR on post.	
3026	- LIGHT 9	33-44-40.007N 118-13-03.050W	Fl G 2.5s	26	5	SG on post.	Higher intensity beam up and down channel.
3027	- LIGHT 10	33-44-47.026N 118-12-55.798W	Fl R 2.5s	20	5	TR on post.	Higher intensity beam up and down channel. HORN: 1 blast ev 15s (2s bl).
3028	PIER F FIREBOAT PIER LIGHT	33-44-51.066N 118-12-56.948W	F W	18		On pile.	Private aid.
3035	- LIGHT 12	33-45-26.748N 118-12-58.626W	Fl R 2.5s	20	6	TR on post.	
3040	SOUTHEAST BASIN ENTRANCE LIGHT 1	33-44-26.172N 118-12-22.536W	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°)	Alternating red/white when left of outbound channel (156.5° - 156.0°)Fixed red light when left of outbound channel (154.0° - 156.0°): Flashing red light when left of outbound channel (154.0° - 154.5°). Alternating green/white light when right of outbound channel (156.5° -157.0°), Fixed green light when right of outbound channel (157.0° - 158.5°), Flashing green light when right of outbound channel (158.5° - 159.0°). 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°)	Alternating red/white when right of inbound channel (336.5° - 337.5°) Fixed red light when right of inbound channel (337.5° - 338.5°): Flashing red light when right of inbound channel (338.5° 339.0°). Alternating green/white when left of inbound channel (335.5° 336.5°), Fixed green light when left of inbound channel (334.5° 335.5°), Flashing green light when left of inbound channel (334.0° 334.5°). Private aid.
3085	INNER HARBOR INTAKE SOUTH LIGHT	33-45-57.065N 118-13-20.250W	Q G	7		On deck of pier.	Private aid.
3090	INNER HARBOR INTAKE NORTH LIGHT	33-45-59.065N 118-13-21.250W	Q G	7		On deck of pier.	Private aid.
	Los Angeles Harbor						
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.
3098	- Connolly Mooring Buoy LA-3	33-44-05.000N 118-14-09.000W				White with blue band.	Private aid.
3099	- Connolly Mooring Buoy LA-4	33-44-12.000N 118-14-12.000W				White with blue band.	Private aid.
3100	- Connolly Mooring Buoy LA-5	33-44-19.000N 118-14-15.000W				White with blue band.	Private aid.
	Los Angeles Approach Channel						
3105	- *Lighted Buoy 1*	33-39-25.200N 118-13-33.000W	Fl G 2.5s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	LOS ANGELES AND LONG BEACH HARBORS (Chart 18751)						
	Los Angeles Approach Channel						
3106	- *Lighted Buoy 2*	33-40-23.970N 118-13-44.340W	Fl R 2.5s		4	Red.	
3107	- *Lighted Whistle Buoy 3*	33-41-16.000N 118-14-24.000W	Q G		4	Green.	RACON: O (– – –).
3108	- *Lighted Buoy 5*	33-41-50.630N 118-14-40.250W	Fl G 2.5s		4	Green.	
3109	- *Lighted Buoy 6*	33-41-55.000N 118-14-27.000W	Fl R 4s		4	Red.	
3110 135	**Los Angeles Light**	33-42-30.798N 118-15-05.934W	Fl G 15s	73	19	White cylindrical tower with black stripes on white concrete block building. 73	Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si), operates continuously.
	Los Angeles Main Channel						
3115	- ENTRANCE LIGHT 8	33-42-38.922N 118-14-40.692W	Fl R 2.5s	42	4	TR on white skeleton tower on white concrete house.	
3117	- *Lighted Buoy 11*	33-42-50.168N 118-15-43.648W	Fl G 2.5s		4	Green.	
3118	- *Lighted Buoy 10*	33-42-55.772N 118-15-29.482W	Q R		4	Red.	
3122	- RANGE FRONT LIGHT	33-43-09.600N 118-16-17.100W	F Y	45		On skeleton tower.	Visible 4° each side of the rangeline. Lighted throughout 24 hours.
3123	- RANGE REAR LIGHT 92 yards, 296° from front light.	33-43-10.900N 118-16-20.000W	Iso Y 6s	60		On skeleton tower.	Visible 4° each side of the rangeline.Lighted throughout 24 hours.
3127	PIER 400 LIGHT E	33-43-39.996N 118-14-13.884W	Fl W 4s	35	6	NR on post.	
	Terminal Island Channel						
3127.1	PIER 400 LIGHT A	33-43-10.283N 118-14-02.304W	Fl W 2.5s	15	5	NW on post.	
3127.2	PIER 400 LIGHT B	33-43-05.461N 118-14-18.816W	Fl W 4s	15	6	NW on post.	
3127.3	PIER 400 LIGHT C	33-43-06.641N 118-14-23.037W	Fl W 2.5s	15	5	NW on post.	
	Los Angeles Main Channel						
3128	PIER 400 LIGHT S	33-42-57.390N 118-14-45.762W	Fl W 6s	45	6	NR on post.	
3129	PIER 400 LIGHT T	33-42-57.682N 118-15-03.867W	Oc W 4s	50	6	NR on post.	
	Terminal Island Channel						
3132	- *Lighted Buoy 1*	33-43-17.028N 118-15-51.808W	Fl G 4s		4	Green.	
3134	- *Lighted Buoy 3*	33-43-22.221N 118-15-50.282W	Fl G 2.5s		3	Green.	
3138	- *Lighted Buoy 5*	33-43-45.636N 118-15-56.374W	Q G		4	Green.	
	Los Angeles Main Channel						
3145	- LIGHT 12	33-43-18.510N 118-16-03.522W	Fl R 2.5s	20	5	TR on post.	HORN: 1 blast ev 15s (2s bl).
3150	LOS ANGELES CHANNEL BERTH 239, PIER END LIGHT	33-43-56.068N 118-16-20.754W	F R	10		Red iron post on concrete pier.	Private aid.
3162.1	LONG BEACH FIREBOAT PIER D LIGHT A	33-45-53.700N 118-13-13.980W	F W	19		On pile.	Private aid.
3162.2	LONG BEACH FIREBOAT PIER D LIGHT B	33-45-54.540N 118-13-14.040W	F W	19		On pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	LOS ANGELES AND LONG BEACH HARBORS (Chart 18751)						
	Los Angeles East Basin Channel						
3165	- LIGHT 1	33-45-10.914N 118-16-02.466W	Fl G 4s	34	6	SG on dolphin.	HORN: 1 blast ev 30s (3s bl).
3170	- LIGHT 2	33-45-57.042N 118-15-11.136W	Fl R 4s	15	5	TR on pile.	
3175	- Buoy 4	33-46-21.108N 118-14-55.344W					
	Cerritos Channel						
3180	- *Lighted Buoy 1*	33-45-47.567N 118-15-06.254W	Fl G 4s		4	Green.	
	Los Angeles Outer Harbor						
3185	- LIGHT A	33-42-38.400N 118-15-24.600W	Fl W 2.5s	15	5	NW on post.	
3186	- LIGHT B	33-42-46.501N 118-15-47.989W	Fl W 4s	15	6	NW on post.	
3187	- LIGHT C	33-42-42.525N 118-15-56.358W	Fl W 2.5s	15	5	NW on post.	
3187.1	- LIGHT D	33-42-34.210N 118-16-10.760W	Oc W 3s	25		NW on post.	Private aid.
3188	- LIGHT E	33-42-32.863N 118-16-18.687W	Fl W 4s	15	6	NW on post.	
3190	*San Pedro Bait Company Lighted Mooring Buoy*	33-42-51.060N 118-16-18.000W	Fl W 4s			White sphere with blue horizontal band.	Private aid.
3221	Reservation Point Restricted Navigation Area North Buoy	33-43-45.198N 118-16-00.564W				White can with orange bands.	
3222	Reservation Point Restricted Navigation Area Middle Buoy	33-43-37.000N 118-15-58.000W				White can with orange bands.	
3223	Reservation Point Restricted Navigation Area South Buoy	33-43-27.500N 118-15-54.500W				White can with orange bands.	
	Fish Harbor						
3225	- CHANNEL LIGHT 1	33-43-48.888N 118-15-56.064W	Fl G 2.5s	25	4	SG on post.	
3230	- CHANNEL LIGHT 2	33-43-51.188N 118-15-53.484W	Fl R 4s	25	4	TR on post.	
3250	- CHANNEL LIGHT 4	33-44-02.068N 118-16-00.254W	Fl R 2.5s	15	4	TR on post.	
3255	- CHANNEL LIGHT 3	33-44-01.700N 118-16-03.400W	Fl G 4s	25	4	SG on pile.	
	San Pedro West Channel						
3279	- LIGHT 4	33-42-49.546N 118-16-24.161W	Fl R 4s	42	5	TR on post.	
3290	CABRILLO BEACH LAUNCH RAMP LIGHT NORTH	33-42-49.000N 118-16-58.000W	Fl W 4s	11		On post.	Private aid.
3295	CABRILLO BEACH LAUNCH RAMP LIGHT SOUTH	33-42-46.000N 118-16-56.000W	Fl W 4s	15		On post.	Private aid.
3300	- *Lighted Buoy 5*	33-42-50.970N 118-16-37.855W	Fl G 4s		4	Green.	
3305	CABRILLO WAY MARINA LIGHT	33-42-57.069N 118-16-42.255W	Fl W 4s	22		On post.	Private aid.
	SANTA MONICA BAY (Chart 18744)						
3325	*Redondo Harbor Entrance Lighted Bell Buoy RB*	33-50-21.354N 118-23-47.267W	Mo (A) W		5		
3330	REDONDO BEACH WEST JETTY LIGHT 3	33-50-27.966N 118-23-43.734W	Fl G 4s	35	4	SG on post.	
3335	REDONDO BEACH EAST JETTY LIGHT 2	33-50-30.678N 118-23-38.935W	Fl R 4s	20	6	On post.	The sound signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. HORN: 1 blast ev 10s (1s bl).
3336	SCRIPPS WAVERIDER LIGHTED RESEARCH BUOY 028	33-51-16.080N 118-37-57.900W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SANTA MONICA BAY (Chart 18744)						
	King Harbor						
3337	- Channel Buoy 1	33-50-27.053N 118-23-41.268W				Green can.	Private aid.
3338	- Channel Buoy 2	33-50-29.053N 118-23-38.268W				Red nun.	Private aid.
3339.1	- Units 7 & 8 Discharge Buoy	33-50-33.600N 118-23-37.600W				White can with orange bands and orange diamond.	Private aid.
3339.2	REDONDO HARBOR LIGHT	33-50-58.000N 118-23-39.268W	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	**Hermosa Beach Pier Fog Signal**	33-51-41.051N 118-24-19.270W					HORN: 1 blast ev 15s (2s bl). Private aid.
	El Segundo						
3380	- *Lighted Bell Buoy 2ES*	33-54-42.000N 118-27-32.000W	Fl R 4s			Red.	Private aid.
3390	- Buoy 4ES	33-54-25.000N 118-25-56.000W				Red nun labeled DANGER BELOW.	Private aid.
3400	- 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	*Hyperion Lighted Gong Buoy 10 ES*	33-55-13.400N 118-26-30.300W	Q R			Red.	Private aid.
	Hyperion						
3425	- Outfall Buoy 12ES	33-55-05.045N 118-26-54.277W				Red nun.	Private aid.
	Marina del Rey						
3445	- BREAKWATER SOUTH LIGHT 1	33-57-30.062N 118-27-37.751W	Fl G 6s	30	5	SG on post.	
3450	- BREAKWATER NORTH LIGHT 2	33-57-48.691N 118-27-51.771W	Fl R 6s	23	4	TR on post.	
3455	- LIGHT 3	33-57-46.101N 118-27-42.461W	Fl G 4s	45	6	SG on white building.	Obscured 151° to 331°. The sound signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SANTA MONICA BAY (Chart 18744)						
	Marina del Rey						
3460	- LIGHT 4	33-57-37.882N 118-27-36.781W	Fl R 4s	45	4	TR on skeleton tower.	
3465	- PIER LIGHT	33-58-12.474N 118-26-48.570W	Fl R 4s	15	5	NR on post.	
	Santa Monica						
3550	- *Entrance Lighted Bell Buoy 1*	34-00-10.237N 118-30-14.088W	Fl G 4s		4	Green.	
3555	**- Pier Fog Signal**	34-00-26.900N 118-29-58.700W					Horn:1 blast ev 20s. Private aid.
	PORT HUENEME TO SANTA BARBARA (Chart 18725)						
	Port Hueneme						
3585 190	**- Light**	34-08-42.612N 119-12-35.868W	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	20	White square tower on building. 48	Obscured from 296° to 155°. The sound signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. HORN: 1 blast ev 30s (3s bl). 251 feet from light.
3590	Ormond Beach Intake Buoy OB2	34-07-22.000N 119-10-32.000W				Red nun.	Private aid.
3595	- *Entrance Lighted Whistle Buoy PH*	34-08-16.018N 119-13-01.389W	Mo (A) W		6	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	34-08-35.148N 119-12-42.810W	Fl R 2.5s	31	5	TR on post, Restricted Area Warning Sign.	
3605	- RANGE FRONT LIGHT	34-09-08.022N 119-12-20.790W	Q R	61		KRW on pile.	Visible 4° each side of the rangeline. Lighted throughout 24 hours.
3610	- RANGE REAR LIGHT 245 yards, 037° from front light.	34-09-13.758N 119-12-15.516W	Iso R 6s	86		KRW on pile.	Visible 4° each side of the rangeline. Lighted throughout 24 hours.
3615	- WEST JETTY LIGHT 3	34-08-38.328N 119-12-58.530W	Fl G 2.5s	42	6	SG on post. Restricted Area.	
3620	- *Channel Lighted Buoy 5*	34-08-44.322N 119-12-44.570W	Fl G 4s		4	Green.	
3625	- *Channel Lighted Buoy 6*	34-08-42.478N 119-12-40.859W	Fl R 4s		4	Red.	
	Channel Islands Harbor						
3630	- BREAKWATER SOUTH LIGHT 1	34-09-16.248N 119-13-49.170W	Fl G 6s	54	6	SG on square platform on white column.	
3635	- BREAKWATER NORTH LIGHT	34-09-35.017N 119-14-03.392W	Fl W 4s	35	6	NR on square platform on white column.	
3640	- SOUTH JETTY LIGHT 2	34-09-21.714N 119-13-38.616W	Fl R 2.5s	35	3	TR on post.	HORN: 1 blast ev 15s (1s bl). The sound signal can be activated upon request to the Coast Guard via VHF-FM Ch 16.
3645	- NORTH JETTY LIGHT 3	34-09-26.004N 119-13-42.078W	Fl G 4s	35	6	SG on post.	
3650	- SOUTH JETTY LIGHT 4	34-09-28.848N 119-13-27.306W	Fl R 4s	39	5	TR on post.	Obscured from 230° to 060°.
3655	- NORTH JETTY LIGHT 5	34-09-32.221N 119-13-29.929W	Fl G 4s	39	5	SG on post.	
3656	*Scripps Waverider Lighted Research Buoy 111*	34-10-02.400N 119-26-06.000W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	PORT HUENEME TO SANTA BARBARA (Chart 18725)						
	Ventura Marina						
3675	- *Entrance Lighted Whistle Buoy 2V*	34-14-26.600N 119-16-44.800W	Fl R 2.5s		4	Red.	
3685	- SOUTH BREAKWATER LIGHT 3	34-14-44.838N 119-16-23.538W	Fl G 2.5s	26	5	SG on post.	
3690	- Buoy 4	34-14-32.940 N 119-16-26.520 W				Red nun.	
3695	- North Jetty Daybeacon	34-14-52.270N 119-16-20.550W				NW on concrete pile.	
3700	- SOUTH JETTY LIGHT 6	34-14-44.777N 119-16-01.218W	Fl R 4s	26	6	TR on pole.	The sound signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. HORN: 1 blast ev 10s (1s bl).
3705	- NORTH JETTY LIGHT 7	34-14-52.116N 119-16-16.734W	Fl G 4s	26	4	SG on pole.	
3715	- Channel Buoy 8	34-14-52.524N 119-16-09.804W				Red nun.	Buoy maybe frequently relocated due to changing conditions.
3720	- Channel Buoy 9	34-14-57.172N 119-16-10.132W				Green can.	Buoy maybe frequently relocated due to changing conditions.
3725	- Channel Buoy 10	34-14-56.968N 119-16-05.540W				Red nun.	Buoy maybe frequently relocated due to changing conditions.
	Santa Barbara Channel						
3740	RINCON ISLAND LIGHT	34-20-48.000N 119-26-42.000W	Fl W 5s	46		On skeleton tower.	HORN: 1 blast ev 15s (2s bl). Private aid.
	Santa Barbara Harbor						
3750	- BREAKWATER LIGHT	34-24-17.364N 119-41-16.260W	Fl W 2.5s	35	8	NG on white column.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si).
3755	- *Lighted Bell Buoy SB*	34-24-03.990N 119-40-45.479W	Mo (A) W		5	Red and white stripes. No topmark will be shown on this aid as required by IALA standards due to weather.	
3760	- *Lighted Buoy 3*	34-24-17.605N 119-41-02.650W	Fl G 2.5s		4	Green.	
3765	- LIGHT 4	34-24-28.998N 119-41-06.300W	Fl R 6s	25	6		
3767	SANTA BARBARA BREAKWATER EXTENSION LIGHT	34-24-27.936N 119-41-16.260W	Fl W 4s	20	6	NG on post.	
3770	- *Lighted Buoy 5*	34-24-26.066N 119-41-09.723W	Fl G 4s		3	Green.	Buoy maybe frequently relocated due to changing conditions.
3772	- *Lighted Buoy 6*	34-24-31.025N 119-41-09.456W	Fl R 2.5s		4	Red.	Buoy maybe frequently relocated due to changing conditions.
3775	- *Lighted Buoy 7*	34-24-29.434N 119-41-13.218W	Fl G 6s		4	Green.	Buoy maybe frequently relocated due to changing conditions.
3780	- *Lighted Buoy 8*	34-24-33.107N 119-41-12.576W	Fl R 6s		3	Red.	Buoy maybe frequently relocated due to changing conditions.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	PORT HUENEME TO SANTA BARBARA (Chart 18725)						
	Santa Barbara Harbor						
3785	- *Lighted Buoy 11*	34-24-30.938N 119-41-15.940W	Q G		3	Green.	Buoy maybe frequently relocated due to changing conditions.
3790	- *Lighted Buoy 10*	34-24-32.409N 119-41-16.190W	Fl R 4s		3	Red.	Buoy maybe frequently relocated due to changing conditions.
3792	- *Lighted Buoy 12*	34-24-28.861N 119-41-21.383W	Fl R 2.5s		3	Red.	Buoy maybe frequently relocated due to changing conditions.
3795	- LIGHT 14	34-24-25.944N 119-41-27.336W	Q R	15	4	TR on post.	
	ESTERO BAY (Chart 18703)						
3810	*NOAA Environmental Lighted Buoy 46062 (Odas)*	35-06-03.000N 121-00-36.000W	Fl (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration.
	Port San Luis						
3815	- *Lighted Whistle Buoy 3*	35-09-13.958N 120-44-56.529W	Fl G 4s		4	Green.	
3820.1	- *Channel Lighted Buoy 4*	35-09-38.280N 120-44-48.120W	Fl R 2.5s			Red.	Private aid.
3820.2	- *Channel Lighted Buoy 5*	35-09-36.500N 120-44-51.000W	Fl G 4s			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				Red nun.	Private aid.
3820.6	- Channel Buoy 9	35-09-51.000N 120-45-01.000W				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 Buoy 12	35-10-02.040N 120-45-09.100W				Red nun.	Private aid.
3821	- Channel Buoy 13	35-09-58.000N 120-45-09.000W				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	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
3835 240	**Morro Bay West Breakwater Light**	35-21-46.457N 120-52-11.297W	Fl W 4s	36	12	White column.	Light obscured from 176° to 207°. HORN: 1 blast ev 30s (3s bl), operates continuously.
	Morro Bay Channel						
3840	*Morro Bay Approach Lighted Whistle Buoy MB*	35-21-35.346N 120-52-49.818W	Mo (A) W		5	Red and white stripes. No topmark will be shown on this aid as required by IALA standards due to weather.	
3845	- Buoy 2	35-21-37.239N 120-52-30.567W					
3850	- *Lighted Buoy 3*	35-21-45.598N 120-52-08.078W	Fl G 2.5s		4	Green.	Buoy maybe frequently relocated due to changing conditions.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	ESTERO BAY (Chart 18703)						
	Morro Bay Channel						
3855	- *Lighted Buoy 4*	35-21-44.788N 120-52-01.767W	Fl R 2.5s		3	Red.	Buoy maybe frequently relocated due to changing conditions.
3856	- *Lighted Buoy 4A*	35-21-57.198N 120-51-55.584W	Fl R 2.5s		3	Red.	Buoy maybe frequently relocated due to changing conditions.
3860	- *Lighted Buoy 5*	35-21-57.360N 120-51-59.712W	Fl G 4s		4	Green.	Buoy maybe frequently relocated due to changing conditions.
3865	- *Lighted Buoy 6*	35-22-04.418N 120-51-50.386W	Fl R 6s		4	Red.	Buoy maybe frequently relocated due to changing conditions.
3870	- *Lighted Buoy 7*	35-22-06.079N 120-51-52.585W	Fl G 4s		3	Green.	Buoy maybe frequently relocated due to changing conditions.
3875	- *Lighted Buoy 8*	35-22-13.879N 120-51-38.572W	Fl R 2.5s		3	Red.	Buoy maybe frequently relocated due to changing conditions.
3877	MORRO BAY ROUGH BAR WARNING LIGHT	35-22-15.360N 120-51-31.535W	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*	35-22-09.082N 120-51-26.399W	Fl R 4s		3	Red.	Buoy maybe frequently relocated due to changing conditions.
3885	- Daybeacon 12	35-21-59.592N 120-51-17.670W				TR on pile.	
3890	- Daybeacon 14	35-21-45.330N 120-51-12.594W				TR on pile.	
3895	- Daybeacon 16	35-21-29.676N 120-51-07.578W				TR on pile.	
3900	- Daybeacon 17	35-21-17.673N 120-50-55.213W				SG on pile.	
3905	- Daybeacon 18	35-21-16.449N 120-50-57.551W				TR on pile.	
3910	- Daybeacon 20	35-21-05.760N 120-50-47.992W				TR on pile.	
	Estero Bay						
3930 250	- Gong Buoy 18	35-23-03.127N 120-53-12.721W				Red.	
3955	Mouse Rock Bell Buoy 3MR	35-26-18.904N 120-54-31.454W				Green.	
3960	Constantine Rock Buoy 1CR	35-26-08.642N 120-56-48.186W				Green can.	
	MONTEREY BAY (Chart 18685)						
	Monterey						
3964	*Scripps Waverider Lighted Research Buoy 158*	36-37-34.500N 121-54-25.560W	Fl (5)Y 20s			Yellow sphere with whip antenna	Private aid.
3965	- *Bay Lighted Bell Buoy 4*	36-37-28.534N 121-53-45.365W	Fl R 4s		4	Red.	
3970	- HARBOR LIGHT 6	36-36-30.530N 121-53-22.893W	Oc R 4s	20	6	TR on pile.	HORN: 1 blast ev 30s (3s bl). from sunset to sunrise and at reduced visibility

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	MONTEREY BAY (Chart 18685)						
	Monterey						
3971.3	- *Bay Special Purpose Buoy MY3*	36-38-42.000N 121-55-24.000W	Fl Y 4s			Yellow.	Private aid.
3971.4	- *Bay Special Purpose Buoy MY4*	36-40-00.000N 121-54-24.000W	Fl Y 4s			Yellow.	Private aid.
3971.5	- *Bay Special Purpose Buoy MY6*	36-38-18.000N 121-51-18.000W	Fl Y 4s			Yellow.	Private aid.
3971.6	- *Bay Special Purpose Buoy MY7*	36-36-54.000N 121-52-30.000W	Fl Y 4s			Yellow.	Private aid.
	Monterey Harbor						
3972.1	- *Junction Lighted Buoy A*	36-36-28.140N 121-53-19.500W	Fl (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	Fl G 4s			Green.	Private aid.
3972.3	- *North Channel Lighted Buoy 3*	36-36-30.900N 121-53-31.600W	Fl G 6s			Green.	Private aid.
3973.1	- *Main Channel Lighted Buoy 2*	36-36-24.800N 121-53-22.200W	Fl R 4s			Red.	Private aid.
3973.2	- *Main Channel Lighted Buoy 3*	36-36-23.800N 121-53-20.100W	Fl G 4s			Green.	Private aid.
3973.3	- *Main Channel Lighted Buoy 4*	36-36-21.300N 121-53-25.800W	Fl R 6s			Red.	Private aid.
3973.4	- *Main Channel Lighted Buoy 5*	36-36-19.900N 121-53-25.600W	Fl G 4s			Green.	Private aid.
3973.5	- *Main Channel Lighted Buoy 6*	36-36-19.300N 121-53-28.100W	Fl R 4s			Red.	Private aid.
3973.6	- MAIN CHANNEL LIGHT 7	36-36-16.860N 121-53-29.760W	Fl G 6s			On corner of Breakwater	Private aid.
3975.1	- *Mooring Area Lighted Marker Buoy W*	36-36-19.800N 121-53-18.300W	Fl Y 4s			Yellow.	Private aid.
3975.2	- *Mooring Area Lighted Marker Buoy X*	36-36-19.800N 121-53-13.080W	Fl Y 4s			Yellow.	Private aid.
3975.3	- *Mooring Area Lighted Marker Buoy Y*	36-36-12.120N 121-53-19.740W	Fl Y 4s			Yellow.	Private aid.
3975.4	- *Mooring Area Lighted Marker Buoy Z*	36-36-10.500N 121-53-13.080W	Fl Y 4s			Yellow.	Private aid.
	Moss Landing						
3990	- *Harbor Entrance Lighted Bell Buoy MLA*	36-47-56.142N 121-48-05.645W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
4000	- HARBOR ENTRANCE RANGE FRONT LIGHT	36-48-33.751N 121-47-07.747W	Q G	15		KRW on red pile.	Visible 5.5° each side of the rangeline.
4005	- HARBOR ENTRANCE RANGE REAR LIGHT 63 yards, 052° from front light.	36-48-34.935N 121-47-05.935W	Iso G 6s	25		KRW on red pile.	Visible 5.5° each side of the rangeline.
4010	- Harbor Channel Buoy 1	36-48-20.591N 121-47-31.524W				Green can.	
4020	- HARBOR ENTRANCE LIGHT 3	36-48-25.002N 121-47-27.462W	Fl G 4s	22	4	SG on pile.	Ra ref.
4025	- HARBOR ENTRANCE LIGHT 2	36-48-20.922N 121-47-22.007W	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	36-48-30.015N 121-47-11.425W	Fl R 4s	15	3	TR on pile.	
4035	- Harbor Channel Daybeacon 5	36-48-31.257N 121-47-05.932W				SG on pile.	
4040	- Harbor Channel Buoy 6	36-48-29.821N 121-47-08.503W				Red nun.	
4045	- HARBOR CHANNEL LIGHT 8	36-48-27.795N 121-47-07.666W	Fl R 2.5s	15	3	TR on pile.	
4050	- Harbor Channel Buoy 9	36-48-22.499N 121-47-06.600W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	MONTEREY BAY (Chart 18685)						
	Moss Landing						
4055	- Harbor Channel Buoy 11	36-48-18.750N 121-47-06.660W				Green can.	
	Santa Cruz						
4080	- *Lighted Whistle Buoy SC*	36-56-20.365N 122-00-34.602W	Mo (A) W		6	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
4085 300	- WEST BREAKWATER LIGHT	36-57-38.532N 122-00-07.866W	Oc G 4s	60	8	White cylindrical structure.	HORN: 1 blast ev 30s (3s bl).
4090	- Harbor Buoy 1	36-57-40.886N 122-00-07.763W				Green can.	Maintained from May 1 to Nov. 1. Buoy maybe frequently relocated due to changing conditions.
4095	- *Harbor Lighted Buoy 2*	36-57-41.077N 122-00-05.617W	Fl R 4s		3	Red.	Maintained from May 1 to Nov. 1. Buoy maybe frequently relocated due to changing conditions.
4100	- Harbor Buoy 3	36-57-46.267N 122-00-08.382W				Green can.	Maintained from May 1 to Nov. 1. Buoy maybe frequently relocated due to changing conditions.
4105	- Harbor Buoy 4	36-57-46.411N 122-00-06.896W				Red nun.	Maintained from May 1 to Nov. 1. Buoy maybe frequently relocated due to changing conditions.
4110 305	**- Light**	36-57-05.340N 122-01-36.360W	Fl W 5s	60	12	White lantern house on brick building. 39	Light obscured from 085° to 220°.
4115	**- Municipal Wharf Signal**	36-57-25.940N 122-01-01.930W					HORN : 1 blast ev 15s (2s bl). Private aid.
	Monterey						
4120	*West Santa Cruz MBARI Research Buoy*	36-56-39.000N 122-04-49.000W	Fl Y 4s			Yellow.	Private aid.
4122	*Sand Hill Bluff MBARI Research Buoy*	36-58-22.000N 122-09-28.000W	Fl Y 4s			Yellow.	Private aid.
	HALF MOON BAY (Chart 18682)						
4125	*Southeast Reef Southern End Lighted Gong Buoy 1S*	37-27-52.889N 122-28-10.948W	Fl G 6s		5	Green.	HORN: 1 blast ev 30s (3s bl-27s si). Operates from Apr. 1 to Dec. 1. Standby horn of reduced intensity.
	Pillar Point Harbor						
4130	- *Entrance Lighted Gong Buoy 1*	37-29-10.410N 122-30-21.904W	Fl G 2.5s		4	Green.	
4135	- *Entrance Lighted Buoy 2*	37-28-22.239N 122-29-02.780W	Fl R 4s		4	Red.	
4140	- *Entrance Lighted Bell Buoy 3*	37-28-53.479N 122-28-58.940W	Fl G 4s		5	Green.	
4145	**- Entrance Light**	37-29-38.473N 122-29-04.948W	Fl W 5s	50	14	White cylindrical structure. 50	High intensity beam bearing 330°. Obscured from 355° to 102°. HORN: 1 blast ev 10s (1s bl), operates continuously.
4150	- LIGHT 6	37-29-43.214N 122-29-08.462W	Fl R 6s	30	4	TR on skeleton tower.	
4151	PILLAR POINT INNER HARBOR LIGHT 2	37-30-00.787N 122-29-04.540W	Fl R 2.5s	16		TR on breakwater.	Private aid.
4153	PILLAR POINT INNER HARBOR LIGHT 1	37-30-00.270N 122-28-46.640W	Fl G 2.5s	16		SG on breakwater.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	GULF OF THE FARALLONES (Chart 18645)						
	Gulf of the Farallones						
4155	*Colorado Reef Lighted Buoy 26*	37-32-10.023N 122-33-09.011W	Fl R 2.5s		4	Red.	
	ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)						
	San Francisco Main Ship Channel						
4160	- *Lighted Bell Buoy 1*	37-46-11.157N 122-37-55.637W	Iso G 6s VSU-29 GPS INSTALLED SO BUOYS 4160 AND 4165 FLASH TOGETHER.		5	Green.	Aid is synchronized to flash with buoy 2.
4165	- *Lighted Whistle Buoy 2*	37-45-48.008N 122-37-44.496W	Iso R 6s		5	Red.	Aid is synchronized to flash with buoy 1.
4170	- *Lighted Buoy 3*	37-46-24.807N 122-37-07.954W	Fl G 4s		4	Green.	
4175	- *Lighted Buoy 4*	37-46-01.648N 122-36-57.344W	Fl R 4s		4	Red.	
4180	- *Lighted Bell Buoy 5*	37-46-38.098N 122-36-22.045W	Fl G 6s		4	Green.	
4185	- *Lighted Buoy 6*	37-46-14.928N 122-36-10.771W	Fl R 6s		4	Red.	
4187	*Scripps Waverider Lighted Research Buoy 142*	37-46-52.980N 122-35-55.980W	Fl (5)Y 20s			Yellow sphere with whip antenna.	Private aid.
4190	- *Lighted Bell Buoy 7*	37-46-54.717N 122-35-23.619W	Fl G 2.5s		4	Green.	
4195	- *Lighted Whistle Buoy 8*	37-46-31.437N 122-35-14.218W	Fl R 2.5s		4	Red.	
	DRAKES BAY (Chart 18647)						
4200	*Drakes Bay Lighted Whistle Buoy 1*	37-58-57.741N 122-57-20.987W	Fl G 6s		5	Green.	
4205	*Duxbury Reef Lighted Whistle Buoy 1DR*	37-51-36.588N 122-41-43.424W	Fl G 6s		5	Green.	
	ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)						
	Bonita Channel						
4220 370	**Point Bonita Light**	37-48-56.120N 122-31-46.266W	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).
4225	- *Lighted Whistle Buoy 2*	37-50-00.941N 122-34-05.786W	Fl R 6s		4	Red.	
4230	- Buoy 4	37-49-23.492N 122-33-15.403W				Red.	
4235	- *Lighted Bell Buoy 3*	37-49-35.592N 122-33-03.452W	Fl G 4s		5	Green.	
	ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)						
4240	*Four Fathom Bank Lighted Bell Buoy*	37-48-41.263N 122-32-24.329W	Fl (2+1)R 6s		4	Red and green bands.	
4245 365	**Mile Rocks Light**	37-47-34.159N 122-30-37.350W	Fl W 5s	49	14	On cylindrical structure with white and orange bands. 49	HORN: 1 blast ev 30s (2s bl), operates continuously.
4250	POINT DIABLO LIGHT	37-49-12.426N 122-29-58.002W	Iso W 6s	85	9	White square house.	HORN: 1 blast ev 15s (2s bl), operates continuously.
	Golden Gate Bridge						
4255	- Buoy 2	37-48-46.763N 122-28-47.530W				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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Eleventh District						
	ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)						
	Golden Gate Bridge						
4262	**- RACON G** Mid-span, center of channel.	37-49-11.030N 122-28-42.870W					RACON: G (– – •). Private aid.
4265	**- Midchannel Fog Signal**	37-49-00.000N 122-28-42.870W					DIAPHONE: 2 blast ev 40s (1s bl-2s si-1s bl-36s si) Private aid.
4270	LIME POINT LIGHT	37-49-31.610N 122-28-41.779W	Fl W 4s	15	8	On post.	
	San Francisco Bay						
4280	YELLOW BLUFF LIGHT	37-50-11.504N 122-28-19.933W	Fl W 6s	75	7	NR on single pile.	
4285	PRESIDIO SHOAL LIGHT 2	37-48-26.743N 122-27-38.699W	Fl R 2.5s	15	3	TR on pile.	
4290	ANITA ROCK LIGHT	37-48-29.962N 122-27-12.719W	Q W	20	5	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.
	ENTRANCE TO SAN FRANCISCO BAY (CHART 18649)						
	San Francisco Bay						
4303	SAN FRANCISCO MARINA WEST BASIN LIGHT 1	37-48-30.400N 122-26-22.100W	Fl G 5s	9		On Post.	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.	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.	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.
	ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)						
	San Francisco Bay						
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	37-48-38.264N 122-25-25.096W	Fl G 4s	18	4	SG on post.	Ra ref.
4307	FISHERMANS WHARF BREAKWATER LIGHT A	37-48-40.386N 122-25-21.480W	Fl Y 2.5s	21	4	NR on post.	Ra ref.
4308	FISHERMANS WHARF BREAKWATER LIGHT B	37-48-42.402N 122-25-16.383W	Fl Y 2.5s	21	4	NR on post.	Ra ref.
4309	FISHERMANS WHARF BREAKWATER LIGHT 2	37-48-43.194N 122-25-11.298W	Fl R 2.5s	21	3	TR on post.	Ra ref.
4310	Alcatraz Bell Buoy	37-49-39.820N 122-25-41.158W				Green and red bands.	
4315	**Alcatraz Light**	37-49-34.412N 122-25-19.655W	Fl W 5s	214	20	Gray octagonal tower. 214	Emergency light of lower intensity when main light is extinguished.
4325	**Alcatraz North Fog Signal**	37-49-41.250N 122-25-31.787W				Lighted white square house.	HORN: 2 blast ev 30s (2s bl-2s si-2s bl-24s si).
4330	*Harding Rock Lighted Buoy HR*	37-50-17.649N 122-26-45.524W	Fl (2+1)R 6s		5	Red and green bands.	RACON: K (– • –).
4335	**Point Blunt Light**	37-51-11.572N 122-25-09.095W	Fl G 5s	60	13	White square house. 60	HORN: 1 blast ev 15s (2s bl).
	Raccoon Strait						
4340	- *Lighted Buoy 1*	37-50-37.759N 122-27-12.030W	Fl G 4s		4	Green.	
4345	- *Lighted Buoy 2*	37-51-09.838N 122-26-37.029W	Fl R 4s		3	Red.	
4350	- *Lighted Buoy 4*	37-51-40.620N 122-26-50.160W	Fl R 2.5s		3	Red.	
4355	BELVEDERE COVE LIGHT 1	37-52-14.536N 122-27-16.901W	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)						
	Raccoon Strait						
4370	- *Lighted Buoy 3*	37-51-40.121N 122-27-26.530W	Fl G 4s		4	Green.	
4375	- LIGHT 5	37-52-49.152N 122-26-19.416W	Fl G 4s	20	4	SG on pile.	
	Richardson Bay						
4380	CONE ROCK LIGHT	37-51-50.463N 122-28-11.017W	Q W	17	5	NR on black skeleton tower.	
	Sausalito Channel						
4385	- LIGHT 2	37-51-21.373N 122-28-07.201W	Fl R 4s	14	3	TR on MPS.	
4390	- LIGHT 4	37-51-41.184N 122-28-43.525W	Fl R 6s	15	4		
4400	- LIGHT 6	37-51-55.490N 122-29-11.134W	Fl R 4s	15	4		
	Richardson Bay						
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.
	San Francisco-Oakland Bay Bridge West Crossing *Aids to navigation on bridge maintained by California Department of Transportation.*						
4415	*Blossom Rock Lighted Bell Buoy BR*	37-49-06.141N 122-24-12.356W	Fl (2+1)G 6s		4	Green and red bands.	
4420	**San Francisco-Oakland Bay Bridge Pier A Fog Signal**	37-47-27.900N 122-23-09.090W					HORN: 1 blast ev 30s (1s bl). Private aid.
4425	**San Francisco-Oakland Bay Bridge Pier B Fog Signal**	37-47-45.180N 122-22-50.390W					HORN: 2 blasts ev 30s (1s bl-1.5s si-1s bl-26.5s si). Private aid.
4426	**SAN FRANCISCO-OAKLAND BAY BRIDGE RACON N** A-B span, center of channel.	37-47-35.600N 122-22-59.900W					RACON: N (– •). Private aid.
4430	Pier B North Buoy	37-47-47.043N 122-22-53.545W				Green and red bands; can.	
4435	**San Francisco-Oakland Bay Bridge Pier C East Side Fog Signal**	37-47-53.750N 122-22-39.280W					BELL: 1 stroke every 30s. Private aid.
4440	**San Francisco-Oakland Bay Bridge Pier C West Side Fog Signal**	37-47-54.490N 122-22-40.420W					BELL: 2 strokes every 30s. Private aid.
4445	**San Francisco-Oakland Bay Bridge Pier D Fog Signal**	37-48-04.000N 122-22-29.700W					HORN: 3 blasts ev 30s (1s bl-1.5s si-1s bl-1.5s si-1s bl-24s si). Private aid.
4446	**SAN FRANCISCO OAKLAND BAY BRIDGE RACON B** C-D span, center of channel.	37-47-59.000N 122-22-34.000W					RACON: B (– •••). Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Eleventh District						
	ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)						
	San Francisco-Oakland Bay Bridge West Crossing *Aids to navigation on bridge maintained by California Department of Transportation.*						
4450	Pier D North Buoy	37-48-05.542N 122-22-33.594W				Red and green bands; nun.	
4455	Pier D South Buoy	37-48-00.522N 122-22-26.554W				Red and green bands; nun.	
4460	**San Francisco-Oakland Bay Bridge Pier E Fog Signal**	37-48-21.010N 122-22-11.790W					HORN: 2 blast every 30s (2s bl-1.5s si-1s bl-25.5s si). Private aid.
4461	**SAN FRANCISCO OAKLAND BAY BRIDGE RACON Y** D-E span, center of channel.	37-48-12.000N 122-22-21.000W					RACON: Y (– • – –). Private aid.
	San Francisco-Oakland Bay Bridge East Crossing *Aids to navigation on bridge maintained by California Department of Transportation.*						
4465	**San Francisco - Oakland Bay Bridge Pier G Fog Signal**	37-48-52.000N 122-21-31.000W					HORN: 1 blast ev 20s (1s bl). Private aid.
4470	**San Francisco-Oakland Bay Bridge Pier H Fog Signal**	37-48-57.820N 122-21-14.250W					HORN: 2 blasts every 20s (1s bl-1.5s si-3s bl-14.5s si). Private aid.
4475	**San Francisco-Oakland Bay Bridge Pier I Fog Signal**	37-48-59.430N 122-21-08.950W					BELL: 3 strokes every 20s. Private aid.
4480	*Anchorage 6 Lighted Mooring Buoy A*	37-49-43.430N 122-21-11.390W	Fl W 4s			White with blue band.	Private aid.
4480.1	*Anchorage 6 Lighted Mooring Buoy B*	37-49-55.300N 122-21-16.460W	Fl W 4s			White with blue band.	Private aid.
4480.2	*Anchorage 6 Lighted Mooring Buoy C*	37-50-10.990N 122-21-19.410W	Fl W 4s			White with blue band.	Private aid.
4480.3	*Anchorage 6 Lighted Mooring Buoy D*	37-50-22.060N 122-21-37.990W	Fl W 4s			White with blue band.	Private aid.
4480.4	*Anchorage 6 Lighted Mooring Buoy E*	37-50-32.450N 122-21-48.330W	Fl W 4s			White with blue band.	Private aid.
4480.5	*Anchorage 6 Lighted Mooring Buoy F*	37-49-44.100N 122-21-21.930W	Fl W 4s			White with blue band.	Private aid.
4480.6	*Anchorage 6 Lighted Mooring Buoy G*	37-49-52.170N 122-21-27.650W	Fl W 4s			White with blue band.	Private aid.
4480.7	*Anchorage 6 Lighted Mooring Buoy H*	37-50-01.490N 122-21-32.460W	Fl W 4s			White with blue band.	Private aid.
4480.8	*Anchorage 6 Lighted Mooring Buoy I*	37-50-07.460N 122-21-41.570W	Fl W 4s			White with blue band.	Private aid.
4480.9	*Anchorage 6 Lighted Mooring Buoy J*	37-49-36.800N 122-20-51.850W	Fl W 4s			White with blue band.	Private aid.
4481	*Anchorage 6 Lighted Mooring Buoy K*	37-49-43.440N 122-20-57.160W	Fl W 4s			White with blue band.	Private aid.
4481.1	*Anchorage 6 Lighted Mooring Buoy L*	37-49-51.970N 122-21-02.340W	Fl W 4s			White with blue band.	Private aid.
4481.2	*Anchorage 6 Lighted Mooring Buoy M*	37-50-00.870N 122-21-08.290W	Fl W 4s			White with blue band.	Private aid.
4481.3	*Anchorage 6 Lighted Mooring Buoy N*	37-50-09.410N 122-21-14.140W	Fl W 4s			White with blue band.	Private aid.
4481.4	Anchorage 6, Lighted Mooring Buoy O	37-50-26.600N 122-21-24.100W	Fl W 4s			White with blue band	Private aid.
4481.5	*Anchorage 6 Lighted Mooring Buoy P*	37-50-33.100N 122-21-34.500W	Fl W 4s			White with blue band	Private aid.
	San Francisco Waterfront						
4490	PIER 45 EAST LIGHT	37-48-42.000N 122-25-13.000W	F R	22		Brown pyramidal structure.	Private aid.
4495	PIER 45 WEST LIGHT	37-48-41.000N 122-25-14.000W	F R	22		Gray building.	Private aid.
	Pier 39						
4500	- BREAKWATER LIGHT 4	37-48-40.470N 122-24-41.370W	Fl R 4s	14		TR on breakwater.	Private aid.
4515	- BREAKWATER LIGHT A	37-48-41.441N 122-24-36.596W	Fl W 4s	14		On breakwater.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)						
	San Francisco Waterfront						
	Pier 39						
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	Fl W 2.5s	14		On breakwater.	Private aid.
4545	- MARINA LIGHT 2	37-48-31.642N 122-24-27.296W	Fl R 2.5s	14		TR on post.	Private aid.
	San Francisco Waterfront						
4550	PIER 27-29 WEST LIGHT	37-48-27.440N 122-24-03.250W	Iso W 2s	16		On pier.	Private aid.
4555	PIER 27-29 EAST LIGHT	37-48-26.200N 122-24-01.510W	Iso R 2s	16		On pier.	Private aid.
4565	PIER 1 NORTH LIGHT	37-47-54.000N 122-23-35.000W	F R	26		Gray building.	Private aid.
4570	PIER 1 SOUTH LIGHT	37-47-53.000N 122-23-34.000W	F R	26		Gray building.	Private aid.
	South Beach Harbor						
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	Fl G 2.5s	14		SG on breakwater.	Private aid.
4577.1	- BREAKWATER LIGHT A	37-46-49.931N 122-23-03.717W	Fl W 2.5s	14		NW on breakwater.	Private aid.
4577.2	- BREAKWATER LIGHT B	37-46-44.872N 122-23-03.254W	Fl W 2.5s	14		NW on breakwater.	Private aid.
4578	- SOUTH ENTRANCE LIGHT 1	37-46-42.289N 122-23-07.202W	Fl G 2.5s	18		SG on breakwater.	Private aid.
4579	- SOUTH ENTRANCE LIGHT 2	37-46-41.495N 122-23-06.538W	Fl R 4s	14		TR on breakwater.	Private aid.
4595	**Yerba Buena Island Light**	37-48-26.275N 122-21-43.877W	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	37-48-29.202N 122-21-39.816W	F R	18	6	On post.	
4605	*Oakland Harbor Bar Channel Lighted Bell Buoy 1* 100 feet outside of channel limit.	37-48-15.326N 122-21-21.620W	Fl G 2.5s		4	Green.	
4606	*Oakland Harbor Bar Channel Lighted Buoy 2* 100 feet outside of channel limit.	37-47-58.266N 122-21-37.947W	Fl R 2.5s		4	Red.	
	Oakland Outer Harbor						
4607	*Oakland Harbor Bar Channel Lighted Buoy 2A* 100 feet outside of channel limit.	37-48-04.100N 122-21-09.000W	Fl R 2.5s		4	Red.	
4610	- RANGE B FRONT LIGHT	37-48-57.339N 122-19-29.122W	Q R	25		KRW on pile.	Visible 4° each side of the rangeline.
4615	- RANGE B REAR LIGHT	37-49-02.902N 122-19-18.958W	Iso R 6s	39		KRW on pile.	Visible 4° each side of the rangeline.
4617	- CENTERLINE RANGE FRONT LIGHT	37-48-57.714N 122-19-33.985W	Q Y	33		KBW on pile.	Visible 4° each side of the rangeline.
4618	- CENTERLINE RANGE REAR LIGHT 267 yards, 057° from front light.	37-49-02.046N 122-19-25.644W	Iso Y 6s	42	Y	KBW on pile.	Visible 4° each side of the rangeline.
4620	- RANGE A FRONT LIGHT	37-48-56.269N 122-19-41.872W	Q G	25		KRW on white pile.	Visible 4° each side of the rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)						
	Oakland Outer Harbor						
4625	- RANGE A REAR LIGHT 335 yards, 059° from front light.	37-49-01.873N 122-19-30.986W	Iso G 6s	35		KRW on white pile.	Visible 4° each side of the rangeline.
4630	- *Lighted Buoy 3*	37-48-29.389N 122-20-39.589W	Fl G 4s		5		
4635	OAKLAND 7TH STREET TERMINAL LIGHT 2	37-48-20.530N 122-20-33.360W	Fl R 2.5s	19			Private aid.
4644	- LIGHT 5	37-48-37.991N 122-20-22.334W	Fl G 2.5s	15	4		
4645	- LIGHT 7	37-48-48.596 N 122-19-59.030 W	Fl G 4s	15	4		
4650	- LIGHT 9	37-48-52.554 N 122-19-36.241 W	Fl G 2.5s	15	4		
4651	- LIGHT 11	37-48-54.723 N 122-19-29.990 W	Fl G 2.5s	15	4		
4655	- LIGHT 13	37-48-55.531 N 122-19-18.637 W	Fl G 4s	15	4		
4660	OAKLAND 7TH STREET TERMINAL LIGHT 1	37-48-13.170N 122-20-28.690W	Fl G 2.5s	19		On post.	Private aid.
	Oakland Inner Harbor						
4669	- *Lighted Buoy 4* 100 feet outside channel limit.	37-48-03.535N 122-20-51.922W	Fl R 4s		4	Red.	
4672	- *Lighted Buoy 6*	37-47-56.800N 122-20-23.900W	Fl R 6s		4	Red.	
4673	- LIGHT 7	37-48-00.391N 122-19-54.212W	Fl G 4s	30	7	SG on pile.	
4675	- LIGHT 8	37-47-51.601N 122-19-57.352W	Fl R 2.5s	15	4	TR on pile.	
4680	- LIGHT 10	37-47-27.342N 122-18-09.190W	Fl R 2.5s	15	3	TR on pile.	Ra ref.
4680.5	COAST GUARD ISLAND PIER NORTH LIGHT	37-46-52.176N 122-15-05.346W	Iso Y 6s	13	5	On end of pier.	
4681	COAST GUARD ISLAND PIER SOUTH LIGHT	37-46-44.550N 122-14-51.954W	Iso Y 6s	13	5	On end of pier.	
4683	- TURN BASIN LIGHT A	37-47-42.393N 122-17-21.870W	Iso W 6s	18	6	NG on pile.	
4684	- TURN BASIN LIGHT B	37-47-25.894N 122-17-20.249W	Iso W 6s	30	4	NR on pile.	
	Brooklyn Basin						
4685	- PREFERRED SOUTH CHANNEL LIGHT S	37-47-02.705N 122-15-21.750W	Fl (2+1)G 6s	15	4	JG on pile.	Ra ref.
4690	- NORTH CHANNEL LIGHT 2	37-47-07.383N 122-15-21.213W	Fl R 2.5s	15	3	TR on pile.	
4695	- NORTH CHANNEL LIGHT 4	37-47-10.413N 122-15-12.822W	Fl R 4s	15	3	TR on pile.	
4700	- NORTH CHANNEL LIGHT 6	37-47-11.042N 122-15-05.602W	Fl R 2.5s	15	3	TR on pile.	
4705	- NORTH CHANNEL LIGHT 8	37-47-09.249N 122-14-58.572W	Fl R 4s	15	3	TR on pile.	
4710	- NORTH CHANNEL LIGHT 10	37-47-00.541N 122-14-45.833W	Fl R 6s	15	4	TR on pile.	
4715	- North Channel Daybeacon 12	37-46-57.377N 122-14-44.095W				TR on pile.	
4719.7	*Oakland Inner Harbor Wreck Lighted Buoy*	37-46-24.792N 122-14-25.292W	Q Y		3	Yellow	Buoy marks wreck.
	San Leandro Bay						
4720	- Tidal Canal Daybeacon 1	37-45-31.693N 122-13-24.885W				SG on pile.	
4725	- Airport Channel Daybeacon 3	37-44-56.035N 122-13-23.660W				SG on pile.	
4730	- Airport Channel Daybeacon 4	37-44-55.210N 122-13-24.407W				TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)						
	San Leandro Bay						
4735	- Airport Channel Daybeacon 5	37-44-26.565N 122-12-48.403W				SG on pile.	
4740	- Airport Channel Daybeacon 6	37-44-27.979N 122-12-52.315W				TR on pile.	
	Alameda Naval Air Station Channel						
4745	- *Entrance Lighted Bell Buoy 1*	37-46-37.894N 122-20-26.873W	Fl G 4s		5	Green.	
4750	- *Entrance Lighted Buoy 2*	37-46-27.095N 122-20-27.763W	Fl R 4s		4	Red.	
4755	- LIGHT 3	37-46-36.442N 122-19-51.819W	Fl G 2.5s	15	3	SG on pile.	Ra ref.
4760	- LIGHT 4	37-46-24.090N 122-19-48.535W	Fl R 4s	12	3	TR on pile.	Ra ref.
4765	- LIGHT 5	37-46-34.093N 122-19-05.991W	Fl G 2.5s	15	4	SG on pile.	Ra ref.
4770	- LIGHT 6	37-46-21.464N 122-19-07.171W	Fl R 4s	15	4	TR on pile.	Ra ref.
4775	- Daybeacon 8	37-46-09.694N 122-18-20.461W				TR on pile.	
	Ballena Bay Harbor						
4780	BALLENA BAY LIGHT 1	37-45-49.000N 122-16-58.000W	Fl G 4s	17		Black skeleton tower.	Obscured from 300° to 070°. Private aid.
4785	BALLENA BAY ESTUARY LIGHT	37-46-05.940N 122-17-18.240W	Fl W 4s	12		NB on post.	Private aid.
4820	*San Francisco Bay Preferred Channel Lighted Buoy SC*	37-46-32.000N 122-21-57.000W	Fl (2+1)G 6s		4	Green and red bands.	
4825	*Anchorage 9 Lighted Buoy A*	37-44-45.847N 122-19-25.432W	Fl Y 4s		5	Yellow.	
	San Francisco Entrance Bay Farm Island						
4826	BAY FARM ISLAND LIGHT 1	37-44-13.320N 122-16-13.440W	Fl G 4s	14		SG on pile.	Private aid.
4826.1	BAY FARM ISLAND LIGHT 2	37-44-05.340N 122-16-08.420W	Fl R 4s	14		TR on pile.	Private aid.
4826.15	BAY FARM ISLAND LIGHT 3	37-44-11.700N 122-15-59.020W	Fl G 4s	14		SG on pile.	Private aid.
4826.2	BAY FARM ISLAND LIGHT 4	37-44-00.820N 122-15-49.020W	Fl R 4s	14		TR on pile.	Private aid.
4826.3	BAY FARM ISLAND LIGHT 6	37-44-01.680N 122-15-29.100W	Fl R 4s	14		TR on pile.	Private aid.
	SAN FRANCISCO BAY - SOUTHERN PART (Chart 18651)						
	San Leandro Marina Channel						
4829	- DIRECTIONAL LIGHT	37-41-43.176N 122-11-29.169W	F W (R & G Sectors)		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	37-40-16.876N 122-13-21.839W	Fl 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	37-40-15.409N 122-13-20.033W	Fl R 4s	15	3	TR on pile.	
4845	- Daybeacon 3	37-40-29.313N 122-13-05.810W				SG on pile.	
4850	- Daybeacon 4	37-40-27.861N 122-13-04.024W				TR on pile.	
4855	- Daybeacon 5	37-40-45.091N 122-12-45.546W				SG on pile.	
4860	- LIGHT 6	37-40-43.653N 122-12-43.753W	Fl R 2.5s	15	3	TR on pile.	Ra ref.
4865	- Daybeacon 7	37-40-58.283N 122-12-28.590W				SG on pile.	
4870	- Daybeacon 8	37-40-56.968N 122-12-26.845W				TR on pile.	

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	CALIFORNIA - Eleventh District						
	SAN FRANCISCO BAY - SOUTHERN PART (Chart 18651)						
	San Leandro Marina Channel						
4875	- Daybeacon 9	37-41-13.421N 122-12-09.166W				SG on pile.	
4880	- LIGHT 10	37-41-11.958N 122-12-07.370W	Fl R 4s	15	3	TR on pile.	Ra ref.
4885	- Daybeacon 11	37-41-29.456N 122-11-48.590W				SG on pile.	
4890	- LIGHT 12	37-41-27.988N 122-11-46.781W	Fl R 6s	15	4	TR on pile.	Ra ref.
4895	- LIGHT 14	37-41-38.863N 122-11-32.354W	Fl R 2.5s	15	3	TR on pile.	
4900	- Daybeacon 15	37-41-40.303N 122-11-34.598W				SG on pile.	
	ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)						
	Hunters Point						
4910	*Lash Terminal Approach Lighted Buoy 3*	37-44-39.749N 122-22-09.893W	Fl G 4s		4	Green.	
	Pier 94/96						
4912	*Lash Terminal Approach Lighted Buoy 2*	37-45-29.687N 122-22-06.005W	Fl R 2.5s		3	Red.	
4917	- NORTH CHANNEL RANGE FRONT LIGHT	37-44-38.360N 122-22-29.810W	F Y	52		KRW on post.	Private aid.
4918	- NORTH CHANNEL RANGE REAR LIGHT 244 yards, 203° from front light.	37-44-33.000N 122-22-33.000W	F Y	68		KRW on post.	Private aid.
4926	- SOUTH CHANNEL RANGE FRONT LIGHT	37-44-31.950N 122-22-15.140W	Iso Y 6s	52		KRW on post.	Private aid.
4927	- SOUTH CHANNEL RANGE REAR LIGHT 635 yards, 293° from front light.	37-44-39.000N 122-22-33.800W	Iso Y 6s	68		KRW on post.	Private aid.
4929	*Lash Terminal Approach Lighted Buoy 5*	37-44-22.249N 122-21-35.593W	Fl G 4s		4	Green.	
	Hunters Point						
4938	POINT AVISEDERO LIGHT	37-43-43.000N 122-21-25.000W	Fl W 2s	12		On pier	Private aid.
4940	- PIER 1 LIGHT	37-42-57.000N 122-21-32.000W	Fl W 4s	12		On pier.	Private aid.
	SAN FRANCISCO BAY - SOUTHERN PART (Chart 18651)						
	San Bruno Shoal						
4945	- CHANNEL LIGHT 1	37-41-44.719N 122-20-21.954W	Fl G 4s	15	3	SG on pile.	HORN: 1 blast ev 30s (3s bl), operates continuously from Oct. 1 to Apr. 1. Ra ref.
4950	- *Channel Lighted Buoy 2*	37-41-41.754N 122-20-28.993W	Fl R 4s		4	Red.	
4955	- CHANNEL LIGHT 3	37-40-11.295N 122-19-33.251W	Fl G 2.5s	15	3	SG on pile.	
4960	- CHANNEL LIGHT 4	37-40-06.181N 122-19-42.092W	Fl R 2.5s	20	3	TR on pile.	
4965	- CHANNEL LIGHT 5	37-38-38.510N 122-18-47.506W	Fl G 4s	15	3	SG on pile.	HORN: 1 blast ev 10s (1s bl), operates continuously from Oct. 1 to Apr. 1. Ra ref.
4970	- CHANNEL LIGHT 6	37-38-35.163N 122-18-56.144W	Fl R 4s	15	3	TR on pile.	
	Brisbane Marina						
4980	- LIGHT 1	37-40-19.058N 122-22-10.095W	Fl G 4s	13		SG on pile.	Private aid.
4985	- LIGHT 2	37-40-20.458N 122-22-10.595W	Fl R 2.5s	13		TR on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SAN FRANCISCO BAY - SOUTHERN PART (Chart 18651)						
	Brisbane Marina						
4995	- LIGHT 4	37-40-16.858N 122-22-24.895W	Fl R 4s	13		TR on pile.	Private aid.
5000	- LIGHT 5	37-40-11.458N 122-22-40.295W	Fl G 2.5s	13		SG on pile.	Private aid. Private aid.
5005	- LIGHT 6	37-40-13.358N 122-22-39.095W	Fl R 2.5s	13		TR on pile.	Private aid.
5010	- LIGHT 7	37-40-15.558N 122-22-45.395W	Fl G 4s	13		SG on pile.	Private aid.
5015	- LIGHT 8	37-40-16.858N 122-22-43.595W	Fl R 4s	13		TR on pile.	Private aid.
5020	- LIGHT 9	37-40-18.358N 122-22-44.995W	Fl G 4s	13		SG on pile.	Private aid.
	Oyster Cove Marina						
5025	- LIGHT 1	37-40-10.558N 122-22-43.395W	Fl G 4s	6		SG on pile.	Ra ref. Private aid.
5030	- LIGHT 2	37-40-12.058N 122-22-43.695W	Fl R 4s	6		TR on pile.	Ra ref. Private aid.
5035	- LIGHT 3	37-40-09.658N 122-22-48.096W	Fl G 4s	6		SG on pile.	Ra ref. Private aid.
5040	- LIGHT 4	37-40-11.058N 122-22-48.496W	Fl R 4s	6		TR on pile.	Ra ref. Private aid.
5045	- LIGHT 5	37-40-08.658N 122-22-52.896W	Fl G 4s	6		SG on pile.	Ra ref. Private aid.
5050	- LIGHT 6	37-40-10.058N 122-22-53.296W	Fl R 4s	6		TR on pile.	Ra ref. Private aid.
5055	- LIGHT 7	37-40-07.658N 122-22-57.696W	Fl G 4s	6		SG on pile.	Ra ref. Private aid.
5060	- LIGHT 8	37-40-09.058N 122-22-58.196W	Fl R 4s	6		TR on pile.	Ra ref. Private aid.
5065	- LIGHT 9	37-40-06.659N 122-23-02.496W	Fl G 4s	6		SG on pile.	Ra ref. Private aid.
5070	- LIGHT 10	37-40-08.158N 122-23-02.996W	Fl R 4s	6		TR on pile.	Ra ref. Private aid.
5075	- LIGHT 11	37-40-05.460N 122-23-07.000W	Fl G 4s	6		SG on pile.	Ra ref. Private aid.
5080	- LIGHT 12	37-40-06.860N 122-23-07.700W	Fl R 4s	6		TR on pile.	Ra ref. Private aid.
5085	- LIGHT 13	37-40-03.959N 122-23-12.496W	Fl G 4s	6		SG on pile.	Ra ref. Private aid.
5090	- LIGHT 14	37-40-05.059N 122-23-13.096W	Fl R 4s	6		TR on pile.	Ra ref. Private aid.
5095	- LIGHT 16	37-40-03.959N 122-23-13.096W	Fl R 4s	6		TR on pile.	Ra ref. Private aid.
	Oyster Point Marina						
5100	- LIGHT 1	37-39-50.640N 122-22-09.180W	Fl G 4s	17		Tripod Dolphin	Private aid.
5105	- LIGHT 2	37-39-51.780N 122-22-09.240W	Fl 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	Fl G 4s	10		SG on seawall	Private aid.
5120	- LIGHT A	37-39-53.460N 122-22-28.140W	Fl W 4s	10		NR on seawall.	Private aid.
5125	- LIGHT 6	37-39-52.200N 122-22-28.200W	Fl R 4s	10		TR on seawall.	Private aid.
5130	SAN FRANCISCO BAY SOUTH CHANNEL LIGHT 8	37-36-16.622N 122-17-29.008W	Fl R 4s	15	4	TR on pile.	

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			CALIFORNIA - Eleventh District				
	SAN FRANCISCO BAY - SOUTHERN PART (Chart 18651)						
	San Francisco Airport						
5135	- Daybeacon 1	37-37-56.090N 122-22-43.461W				SG on pile.	
	Coyote Point						
5140	- LIGHT 1	37-35-37.766N 122-18-45.889W	Fl G 4s	12		On pile.	Private aid.
5145	- LIGHT 2	37-35-37.766N 122-18-47.889W	Fl R 5s	12		On pile.	Private aid.
	San Francisco Bay South Channel						
5150	- Daybeacon 8A	37-35-19.791N 122-16-10.929W				TR on pile.	
5155	**San Mateo-Hayward Bridge Fog Signal**	37-35-03.950N 122-15-02.510W					HORN: 2 blasts ev 30s (3s bl-3s si-3s bl-21s si). Private aid.
5156	**SAN MATEO-HAYWARD BRIDGE RACON M** Mid span, center of channel.	37-35-02.000N 122-15-08.000W					RACON: M (– –). Private aid.
5160	- Buoy 10	37-35-01.802N 122-15-13.767W				Red.	
5165	- Buoy 11	37-34-57.584N 122-14-53.010W				Green.	
5175	- LIGHT 12	37-33-35.366N 122-12-37.877W	Fl R 4s	15	4	TR on pile.	Ra ref.
	Redwood Creek						
5180	- ENTRANCE LIGHT 2	37-33-10.388N 122-11-47.453W	Q R	15	3	TR on pile.	
5185	- ENTRANCE LIGHT 3	37-32-59.768 N 122-11-36.076 W	Fl G 4s	15	4		
5190	- ENTRANCE LIGHT 4	37-32-49.449N 122-11-42.265W	Fl R 2.5s	15	3	TR on pile.	Ra ref.
5195	- LIGHT 5	37-32-25.730N 122-11-33.742W	Fl G 4s	15	4	SG on pile.	Ra ref.
5200	- LIGHT 6	37-32-25.589N 122-11-39.637W	Fl R 4s	15	3	TR on pile.	Ra ref.
5205	- LIGHT 8	37-32-00.882N 122-11-37.921W	Q R	15	3	TR on pile.	
5210	- LIGHT 7	37-31-58.942N 122-11-31.936W	Fl G 2.5s	15	3	SG on pile.	Ra ref.
5215	- LIGHT 10	37-31-44.735N 122-11-46.293W	Fl R 4s	15	3	TR on pile.	
5220	- LIGHT 9	37-31-42.800N 122-11-40.542W	Fl G 4s	15	4	SG on pile.	Ra ref.
5225	- LIGHT 11	37-31-31.032N 122-11-56.845W	Fl G 4s	15	4	SG on pile.	
5230	- LIGHT 12	37-31-32.774N 122-12-01.701W	Fl R 6s	15	4	TR on pile.	
5235	- LIGHT 14	37-31-18.041N 122-12-21.625W	Fl R 4s	15	3	TR on pile.	Ra ref.
5240	- LIGHT 13	37-31-14.925N 122-12-17.784W	Fl G 2.5s	15	3	SG on pile.	Ra ref.
5245	- LIGHT 15	37-31-03.529N 122-12-23.621W	Fl G 4s	15	4	SG on pile.	Ra ref.
5250	- LIGHT 16	37-31-01.241N 122-12-33.015W	Fl R 6s	15	4	TR on pile.	Ra ref.
5255	- LIGHT 18	37-30-48.391N 122-12-43.885W	Fl R 4s	15	3	TR on pile.	Ra ref.
5260	- LIGHT 20	37-30-34.404N 122-12-48.806W	Fl R 4s	15	3	TR on pile.	Ra ref.
5265	- LIGHT 21	37-30-22.601N 122-12-56.815W	Fl G 4s	17	4	SG on pile	
	San Francisco Bay South Channel						
5270	- LIGHT 14	37-30-49.489N 122-08-05.742W	Fl R 4s	15	4	TR on pile.	Ra ref.

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			CALIFORNIA - Eleventh District				
	SAN FRANCISCO BAY - SOUTHERN PART (Chart 18651)						
	San Francisco Bay South Channel						
5275	**Dumbarton Highway Bridge Fog Signal**	37-30-21.870N 122-07-09.620W					HORN: 1 blast ev 20s (2s bl). Private aid.
5305	- LIGHT 16	37-29-34.257N 122-05-12.986W	Fl R 4s	15	3	TR on pile.	Ra ref.
5310	- LIGHT 17	37-28-43.468N 122-04-37.315W	Fl G 4s	15	4	SG on pile.	Ra ref.
5315	- LIGHT 18	37-28-12.071N 122-03-49.953W	Fl R 4s	15	3	TR on pile.	Ra ref.
5320	- Daybeacon 20	37-27-26.601N 122-03-00.952W				TR on pile.	
	ENTRANCE TO SAN FRANCISCO BAY (CHART 18649)						
	San Francisco Bay						
5348	- *North Channel Lighted Buoy 1*	37-49-55.250N 122-24-32.960W	Fl G 6s		5	Green.	
5350	- *North Channel Lighted Buoy 2*	37-49-59.929N 122-23-47.126W	Fl R 6s		4	Red.	
5355	- *North Channel Lighted Buoy 3*	37-51-01.738N 122-25-02.898W	Q G		4	Green.	
	Emeryville Marina						
5360	- LIGHT 1	37-50-36.738N 122-19-18.986W	Fl G 2s	14		SG on pile.	Private aid.
5365	- LIGHT 2	37-50-35.324N 122-19-18.748W	Fl R 2s	14		TR on pile.	Private aid.
5370	- LIGHT 3	37-50-36.888N 122-18-57.842W	Fl G 4s	14		SG on pile.	Private aid.
5375	- LIGHT 4	37-50-35.414N 122-18-58.047W	Fl R 4s	14		TR on pile.	Private aid.
5380	- LIGHT 5	37-50-36.914N 122-18-33.929W	Fl G 4s	14		SG on pile.	Private aid.
5385	- LIGHT 6	37-50-35.508N 122-18-36.892W	Fl R 4s	14		TR on pile.	Private aid.
5390	- LIGHT 7	37-50-31.100N 122-18-37.030W	Fl G 4s	17		SG on breakwater.	Private aid.
5395	- LIGHT 8	37-50-31.770N 122-18-38.050W	Fl R 4s	17		TR end of breakwater.	Private aid.
	San Francisco Bay						
5400	- *North Channel Lighted Buoy 4*	37-50-49.338N 122-23-47.237W	Fl R 2.5s		4	Red.	
5405	- NORTH CHANNEL LIGHT 5	37-51-45.165N 122-25-08.342W	Fl G 2.5s	30	3	SG on pile.	
5410	- *North Channel Lighted Buoy A*	37-51-49.736N 122-24-31.898W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
5415	- *North Channel Lighted Bell Buoy 6*	37-51-39.136N 122-23-47.237W	Fl R 4s		4	Red.	
5420	TREASURE ISLAND NORTH END LIGHT 6	37-49-59.614N 122-22-20.965W	Fl R 2.5s	30	5	TR on pile.	
	Berkeley						
5430	- MARINA CHANNEL LIGHT 2	37-50-51.846N 122-21-37.983W	Fl R 4s	15	4	TR on pile.	
5435	- MARINA CHANNEL LIGHT 3	37-51-27.636N 122-20-57.795W	Fl G 4s	15	4	SG on pile.	
5440	- BREAKWATER LIGHT 1	37-51-54.554N 122-19-08.532W	Q G	15	4	SG on post.	
5445	- BREAKWATER CENTER LIGHT	37-51-57.924N 122-19-10.522W	Q W	12	6	On post.	
5450	- BREAKWATER LIGHT 2	37-52-01.210N 122-19-12.425W	Fl R 2.5s	22	5	TR on post.	
5455	- NORTH BREAKWATER LIGHT 3	37-52-01.848N 122-19-16.843W	Fl G 4s	21	5	SG on pile.	Ra ref.
5460	- NORTH BREAKWATER LIGHT 4	37-52-05.553N 122-19-13.901W	Fl R 4s	23	4	TR on pile.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	ENTRANCE TO SAN FRANCISCO BAY (CHART 18649)						
	Berkeley						
5465	- MARINA NORTH LIGHT	37-52-01.680N 122-19-05.880W	Fl G 10s	35		On post.	Private aid.
5470	- MARINA SOUTH LIGHT	37-51-57.940N 122-19-04.580W	Fl R 10s	35		On post.	HORN: 1 blast ev 17s (4s bl). Private aid.
5475	- REEF LIGHT 1	37-52-27.143N 122-20-00.523W	Fl G 2.5s	13	3	SG on pile.	
	San Francisco Bay						
5480	SOUTHAMPTON SHOAL LIGHT	37-52-54.981N 122-24-00.837W	Iso R 6s	32	6	White cylindrical tower.	BELL: 1 Strike ev 10s
5485	- *North Channel Lighted Buoy 8*	37-52-46.900N 122-24-53.700W	Fl R 2.5s		4	Red.	
5490	- NORTH CHANNEL LIGHT 9	37-53-39.200N 122-26-58.900W	Fl G 4s	25	4	SG on pile.	
5495	- *North Preferred Channel Lighted Buoy B*	37-54-13.980N 122-26-40.806W	Fl (2+1)G 6s		5	Green, Red, Green Preferred channel buoy	
5500	- *North Channel Lighted Bell Buoy 10*	37-54-02.732N 122-26-09.901W	Fl R 4s		4	Red.	
5505	- *North Channel Lighted Buoy 12*	37-54-48.931N 122-26-42.502W	Fl R 2.5s		4	Red.	
5510	- *North Preferred Channel Lighted Buoy C*	37-54-46.655N 122-26-57.769W	Fl (2+1)G 6s		5	Green, Red, Green Preferred channel buoy	
5515	- *North Channel Lighted Buoy 14*	37-55-49.729N 122-26-36.302W	Fl R 4s		3	Red.	
5518.1	PARADISE CAY LIGHT 1	37-54-57.000N 122-28-21.000W	Fl G 2s			SG on pile.	Private aid.
5518.2	PARADISE CAY LIGHT 3	37-54-57.000N 122-28-24.000W	Fl G 3s			SG on pile.	Private aid.
5518.3	PARADISE CAY LIGHT 5	37-54-56.000N 122-28-28.000W	Fl G 4s			SG on pile.	Private aid.
	Corte Madera Channel						
5520	- LIGHT 2	37-55-41.729N 122-28-06.904W	Iso R 6s	9		TR on pile.	Ra ref. Private aid.
5530	- LIGHT 4	37-55-46.500N 122-28-19.880W	Fl R 4s	9		TR on pile.	Ra ref. Private aid.
5535	- LIGHT 5	37-55-53.729N 122-28-43.904W	Fl G 2.5s	9		SG on pile.	Ra ref. Private aid.
5536	- LIGHT 6	37-55-55.228N 122-28-41.904W	Fl R 4s	9		TR on pole.	Ra Ref. Private aid.
5540	- LIGHT 7	37-56-02.728N 122-29-07.905W	Fl G 2.5s	9		SG on pile.	Ra ref. Private aid.
5545	- LIGHT 8	37-56-04.500N 122-29-02.000W	Fl R 4s	9		TR on pile.	Ra ref. Private aid.
5550	- LIGHT 9	37-56-10.228N 122-29-28.906W	Fl G 2.5s	9		SG on pile.	Ra ref. Private aid.
5555	- LIGHT 10	37-56-14.000N 122-29-27.906W	Fl R 4s	9		TR on pile.	Ra ref. Private aid.
5560	- LIGHT 11	37-56-19.300N 122-29-46.000W	Fl G 2.5s	9		SG on pile.	Ra ref. Private aid.
5565	- LIGHT 12	37-56-20.500N 122-29-47.880W	Fl R 4s	9		TR on pile.	Ra ref. Private aid.
5570	- LIGHT 13	37-56-25.000N 122-30-02.000W	Fl G 2.5s	9		SG on pile.	Ra ref. Private aid.
5575	- LIGHT 14	37-56-27.728N 122-30-00.907W	Fl R 4s	9		TR on pile.	Ra ref. Private aid.
5580	- LIGHT 15	37-56-31.227N 122-30-14.407W	Fl G 2.5s	9		SG on pile.	Ra ref. Private aid.
5585	- LIGHT 16	37-56-34.500N 122-30-13.880W	Fl R 4s	9		TR on pile.	Ra ref. Private aid.
5590	- LIGHT 17	37-56-31.228N 122-30-21.908W	Fl G 4s	9		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
			CALIFORNIA - Eleventh District				
	ENTRANCE TO SAN FRANCISCO BAY (CHART 18649)						
	Corte Madera Channel						
5595	- LIGHT CM	37-56-33.727N 122-30-25.408W	Fl (2+1)G 6s	9		JG on pile.	Ra ref. Private aid.
5628	**RICHMOND-SAN RAFAEL BRIDGE RACON Q**	37-56-06.700N 122-26-40.600W					BANDS: 20s (ev 30s). RACON: Q (– – • –). Private aid.
5629	**RICHMOND-SAN RAFAEL BRIDGE RACON T**	37-56-01.800N 122-25-37.500W					BANDS: 20s (ev 30s). RACON: T (–). Private aid.
	San Francisco Bay						
5630	**Richmond-San Rafael Bridge Fog Signal (2)**	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	37-56-14.287N 122-26-47.795W				Green can.	
	Southampton Shoal Channel						
5640	- *Lighted Buoy 1*	37-53-24.896N 122-25-13.409W	Fl G 4s		4	Green.	
5645	- *Lighted Buoy 2*	37-53-26.046N 122-25-03.519W	Fl R 2.5s		3	Red.	
5650	- *Lighted Buoy 3*	37-54-12.958N 122-25-22.329W	Fl G 2.5s		4	Green.	
5655	- *Lighted Buoy 4*	37-54-14.057N 122-25-12.498W	Fl R 4s		4	Red.	
5657	- *Lighted Buoy 5*	37-54-57.567N 122-25-30.725W	Fl G 4s		4	Green.	
5659	- *Lighted Buoy 6*	37-54-58.471N 122-25-20.393W	Fl R 2.5s		4	Red.	
5660	- *Lighted Buoy 7*	37-55-28.716N 122-25-36.777W	Fl G 2.5s		4	Green.	
5661	*Southampton Shoal Outfall Lighted Buoy 1*	37-54-44.746N 122-25-13.535W	Fl 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	Fl W 4s			White with orange bands.	Private aid.
	Richmond Harbor Channel						
5665	- *Lighted Buoy 2*	37-55-06.291N 122-25-03.476W	Q R		3	Red.	
5670	- APPROACH RANGE FRONT LIGHT	37-54-02.689N 122-23-29.505W	Q W	20		KRW on pile.	Visible all around with higher intensity on rangeline.
5675	- APPROACH RANGE REAR LIGHT 340 yards, 132° from front light.	37-53-55.548N 122-23-19.591W	Iso W 6s	35		KRW on pile.	Visible all around with higher intensity on rangeline.
5680	- *Lighted Buoy 3*	37-54-54.616N 122-24-35.737W	Fl G 4s		4	Green.	
5685	- LIGHT 4	37-54-22.507N 122-24-03.133W	Q R	15	3	TR on pile.	Ra ref.
5690	- *Lighted Buoy 5*	37-54-30.482N 122-24-00.518W	Fl G 2.5s		3	Green.	
5695	- Jetty Daybeacon	37-54-13.451N 122-23-31.475W				NR on pile.	
5700	- *Lighted Buoy 6*	37-54-20.624N 122-23-38.097W	Fl R 4s		3	Red.	
5705	- *Lighted Buoy 7*	37-54-23.731N 122-23-10.397W	Fl G 4s		4	Green.	
5710	- LIGHT 8	37-54-15.971N 122-23-05.969W	Fl 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	37-54-18.969N 122-22-31.548W	Fl G 4s	10	4	SG on pile.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	ENTRANCE TO SAN FRANCISCO BAY (CHART 18649)						
	Richmond Harbor Channel						
5730	- LIGHT 10	37-54-12.134N 122-22-33.551W	Fl R 4s	15	3	TR on pile.	Ra ref.
5735	- LIGHT 12	37-54-05.983N 122-22-01.075W	Fl R 2.5s	25	4	TR on pile.	Ra ref.
5739	- LIGHT 14	37-54-08.737N 122-21-36.736W	Q R	17	3	TR on pile. On same structure as Point Potrero Reach Range Front Light.	
5740	POINT POTRERO REACH RANGE FRONT LIGHT	37-54-08.737N 122-21-36.736W	Q R	22		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 343 yards, 099° from front light.	37-54-07.372N 122-21-25.236W	Iso R 6s	46		KRW on pile.	Visible 1.5° each side of the rangeline.
5745	- Daybeacon 16	37-54-21.003N 122-21-34.416W				TR on pile.	
5750	- LIGHT 18	37-54-27.730N 122-21-36.895W	Fl R 2.5s	15	3	TR on pile	
5760	**Richmond Long Wharf Fog Signal**	37-55-20.000N 122-24-36.000W				Building on wharf.	HORN: 2 blasts ev 30s (3s bl-2s si-1s bl-24s si). Private aid.
5765	**Richmond Long Wharf Inner Fog Signal**	37-55-30.000N 122-24-20.000W				On wharf.	Private aid.
	Richmond-San Rafael Bridge East Channel						
5775	*Castro Rocks Lighted Buoy 2CR*	37-55-53.979N 122-25-15.150W	Fl 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	37-56-11.488N 122-25-33.551W				Red nun.	
5810	SAN RAFAEL OUTFALL LIGHT	37-56-52.726N 122-27-40.504W	Fl Y 4s	13		NW labeled OUTFALL on pile.	Private aid.
5815	*San Francisco Bay North Channel Lighted Buoy 16*	37-57-17.426N 122-26-28.553W	Q R		3	Red.	
5820	*San Francisco Bay North Channel Lighted Bell Buoy 18*	37-57-35.025N 122-26-24.403W	Fl R 2.5s		4	Red.	
5825	SAN FRANCISCO BAY NORTH CHANNEL LIGHT 17	37-57-26.408N 122-27-25.824W	Fl G 4s	15	4	SG on pile.	Ra ref.
	San Rafael Creek						
5830	- RANGE FRONT LIGHT	37-58-15.134N 122-29-48.108W	Q R	15		KRW on pile.	Visible all around higher intensity on rangeline.
5835	- REAR RANGE LIGHT	37-58-18.972N 122-29-59.666W	Oc R 4s	56		KRW on pile.	Visible all around with higher intensity on rangeline.
5840	- LIGHT 1	37-57-41.958N 122-28-12.437W	Fl G 2.5s	20	4	SG on pile.	
5845	- LIGHT 3	37-57-50.035N 122-28-36.416W	Fl G 4s	20	4	SG on pile.	
5850	- LIGHT 5	37-57-59.144N 122-29-03.346W	Fl G 6s	15	4	SG on a pile.	
5855	- LIGHT 6	37-58-07.010N 122-29-21.996W	Fl R 4s	18	3	TR on pile.	Ra ref.
5860	- LIGHT 7	37-58-11.644N 122-29-38.017W	Fl G 2.5s	10	3	SG on pile.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	ENTRANCE TO SAN FRANCISCO BAY (CHART 18649)						
	San Rafael Creek						
5865	**East Brother Light**	37-57-47.531N 122-26-00.602W	Fl W 5s	61	17	Buff square tower. 61	Emergency light of reduced intensity and is obscured from 225° to 335° when main light is extinguished. HORN: 1 blast ev 30s (3s bl), operates continuously from Oct. 1 to Apr. 1.
	SAN PABLO BAY (Chart 18654)						
	San Pablo Bay						
5875	- *Lighted Buoy 2*	37-58-04.025N 122-25-45.232W	Fl 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	37-58-52.364N 122-25-03.676W	Fl R 6s	15	4	TR on pile.	Ra ref.
5885	- CHANNEL LIGHT 5	38-00-42.720N 122-24-54.896W	Fl G 2.5s	15	3	SG on pile.	Ra ref.
5890	- *Preferred Channel Lighted Buoy E*	38-00-35.498N 122-24-16.095W	Fl (2+1)R 6s		5	Red, Green, Red, Preferred channel buoy	
5895	POINT PINOLE LIGHT P	38-00-59.637N 122-22-02.851W	Fl W 2.5s	15	5	NR on pile.	Ra ref.
5898	*Anchorage 19 Lighted Mooring Buoy A*	38-01-40.000N 122-25-00.000W	Fl W 4s				Private aid.
5900	- *Channel Lighted Buoy 7*	38-01-51.904N 122-22-26.832W	Fl G 4s		4	Green.	Ra ref.
5905	- *Channel Lighted Buoy 8*	38-01-45.272N 122-22-18.728W	Fl R 4s		4	Red.	Ra ref.
5910	- *Channel Lighted Buoy 9*	38-02-30.324N 122-21-10.284W	Fl G 6s		4	Green.	Ra ref.
5915	- *Channel Lighted Buoy 10*	38-02-22.098N 122-21-03.784W	Fl R 6s		4	Red.	
5920	- CHANNEL LIGHT 11	38-03-10.827N 122-19-50.567W	Q G	15	3	SG on pile.	Ra ref.
5922	PINOLE SHOAL RANGE FRONT LIGHT	38-03-15.755N 122-19-26.196W	Fl G 2.5s	22		KRW on pile.	Visible 4° each side of the rangeline.
5923	PINOLE SHOAL RANGE REAR LIGHT	38-03-19.932N 122-19-17.703W	Iso G 6s	52		KRW on pile.	Visible 4° each side of rangeline.
5925	- CHANNEL LIGHT 12	38-02-58.915N 122-19-46.897W	Fl R 2.5s	15	3	TR on pile structure.	Ra ref.
5930	- CHANNEL LIGHT 13	38-03-21.905N 122-18-30.373W	Fl G 4s	23	4	SG on pile structure.	Ra ref.
5935	- CHANNEL LIGHT 14	38-03-13.853N 122-18-28.921W	Fl R 4s	15	3	TR on pile structure.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SAN PABLO BAY (Chart 18654)						
	San Pablo Bay						
5940	- CHANNEL LIGHT 15	38-03-32.842N 122-17-27.596W	Fl 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	38-04-08.682N 122-15-10.356W	Fl G 6s	30	4	SG on post.	
	Petaluma River						
5975	- ENTRANCE LIGHT 1	38-02-42.641N 122-25-43.547W	Fl G 4s	15	4	SG on pile.	Ra ref.
5980	- ENTRANCE LIGHT 2	38-02-56.673N 122-25-19.314W	Fl R 2.5s	10	4	TR on pile.	
5985	- Entrance Channel Daybeacon 3	38-03-29.193N 122-25-46.633W				SG on pile.	
5990	- ENTRANCE CHANNEL LIGHT 4	38-03-31.215N 122-25-26.219W	Fl R 4s	15	3	TR on pile.	Ra ref.
5995	- Entrance Channel Daybeacon 5	38-04-15.424N 122-25-42.718W				SG on pile.	
6000	- ENTRANCE CHANNEL LIGHT 6	38-04-15.879N 122-25-36.907W	Fl R 2.5s	15	3	TR on pile.	
6005	- Entrance Channel Daybeacon 7	38-04-47.694N 122-26-07.387W				SG on pile.	
6010	- ENTRANCE CHANNEL LIGHT 8	38-04-49.599N 122-26-04.167W	Fl R 4s	15	3	TR on pile.	Ra ref.
6015	- Entrance Channel Daybeacon 9	38-05-19.332N 122-26-32.842W				SG on pile.	
6020	- ENTRANCE CHANNEL LIGHT 10	38-05-20.530N 122-26-29.452W	Fl R 4s	10	3	TR on pile.	
6025	- Entrance Channel Daybeacon 11	38-05-49.837N 122-26-57.360W				SG on pile.	
6030	- ENTRANCE CHANNEL LIGHT 12	38-05-51.233N 122-26-54.287W	Fl R 4s	10	3	TR on pile.	Ra ref.
6035	- Entrance Channel Daybeacon 13	38-06-18.710N 122-27-22.815W				SG on pile.	
6040	- ENTRANCE CHANNEL LIGHT 14	38-06-18.847N 122-27-16.932W	Fl R 4s	20	3	TR on pile.	
6045	- Entrance Channel Daybeacon 15	38-06-34.186N 122-27-56.884W				SG on pile.	
6050	- ENTRANCE CHANNEL LIGHT 16	38-06-36.462N 122-27-56.531W	Fl R 4s	20	3	TR on pile.	Ra ref.
6055	- Entrance Channel Daybeacon 17	38-06-37.110N 122-28-26.317W				SG on pile.	
6060	- ENTRANCE CHANNEL LIGHT 18	38-06-40.210N 122-28-26.142W	Fl R 6s	10	4	TR on pile.	Ra ref.
6065	- Entrance Channel Daybeacon 19	38-06-37.453N 122-29-07.590W				SG on pile.	
6070	- ENTRANCE CHANNEL LIGHT 20	38-06-41.131N 122-29-07.459W	Fl R 4s	15	3	TR on pile.	
6075	- Buoy 2	38-11-50.684N 122-33-40.751W				Red nun.	
6080	- Buoy 4	38-11-53.666N 122-33-49.247W				Red nun.	
6085	- Daybeacon 5	38-12-13.089N 122-34-10.575W				SG on pile.	
6087	- OUTFALL LIGHT	38-12-32.000N 122-34-55.000W	Fl W 2s	13		On pile.	Two lights 15 feet apart Private aid.
	Mare Island Strait						
6090	- *Lighted Buoy 1*	38-04-15.528N 122-14-51.006W	Fl G 2.5s		3	Green	

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			CALIFORNIA - Eleventh District				
	SAN PABLO BAY (Chart 18654)						
	Mare Island Strait						
6095	- LIGHT 2	38-04-10.728N 122-14-41.389W	Fl R 2.5s	20	3	TR on pile.	
6100	- LIGHT 3	38-04-24.871N 122-14-46.002W	Q G	15	3	SG on pile.	
6105	- LIGHT 4	38-04-25.242N 122-14-38.920W	Q R	20	3	TR on pile.	
6106	- *Lighted Buoy 5*	38-04-47.891N 122-14-56.255W	Fl G 2.5s		4	Green.	
6108	- *Lighted Buoy 7*	38-05-12.212N 122-15-14.176W	Fl G 4s		4	Green.	
	Vallejo						
6110	- YACHT CLUB LIGHT 1	38-06-17.640N 122-16-03.110W	Fl G 4s	5		Pile.	Private aid.
6115	- YACHT CLUB LIGHT 2	38-06-17.300N 122-16-02.880W	Fl R 4s	5		Pile.	Private aid.
6120	- MARINA SOUTH ENTRANCE LIGHT 2	38-06-23.300N 122-16-09.200W	Fl R 6s	7		On post on breakwater.	Private aid.
6125	- MARINA SOUTH ENTRANCE LIGHT 1	38-06-24.200N 122-16-10.000W	Fl G 6s	7		On post on breakwater.	Private aid.
6136	- MARINA NORTH ENTRANCE LIGHT 2	38-06-35.900N 122-16-20.000W	Fl R 4s	7		On post on breakwater.	Private aid.
6137	- MARINA NORTH ENTRANCE LIGHT 1	38-06-37.100N 122-16-21.000W	Fl G 4s	7		On post on breakwater.	Private aid.
	Napa River						
6140	- Daybeacon 2	38-07-48.829N 122-16-44.414W				TR on pile.	
6145	- LIGHT 3	38-08-28.698N 122-17-01.304W	Fl G 4s	19	4	SG on pile.	
6150	- Wreck Buoy WR4	38-09-20.318N 122-17-36.046W				Red nun.	Buoy marks wreck.
6153	- LIGHT 6	38-10-23.640N 122-17-28.800W	Fl 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	38-10-34.201N 122-17-41.813W	Fl G 4s	15	4	SG on pile.	
6165	- LIGHT 8	38-10-50.806N 122-17-57.138W	Fl R 4s	15	3	TR on pile.	
6170	- LIGHT 9	38-10-49.761N 122-18-22.024W	Fl G 2.5s	15	3	SG on pile.	
6175	- LIGHT 11	38-10-59.400N 122-18-44.671W	Fl G 4s	15	4	SG on pile.	
6180	- LIGHT 13	38-11-32.975N 122-18-51.225W	Fl G 4s	15	4	SG on pile.	
6185	- RANGE FRONT LIGHT 14	38-12-20.332N 122-18-25.757W	Q W	12		KRW and TR on pile.	Visible all around: higher intensity on rangeline. Ra ref.
6190	- RANGE REAR LIGHT 100 yards, 183° from front light.	38-12-16.408N 122-18-26.018W	Iso W 6s	17		KRW on pile.	Visible all around; higher intensity on rangeline. Ra ref.
6195	- LIGHT 15	38-13-25.218N 122-18-34.333W	Fl G 4s	15	4	SG on pile.	
6196	- *Wreck Lighted Buoy WR16*	38-13-55.000 N 122-17-34.000 W	Q R		3	Red.	Buoy marks wreck
6200	- LIGHT 16	38-13-56.486N 122-17-17.717W	Fl R 4s	15	3	TR and white platform on pile.	
6201	- LIGHT 18	38-14-47.022N 122-17-03.091W	Fl R 4s	15	3	TR and white platform on pile.	
6202	- LIGHT 20	38-15-12.847N 122-17-04.043W	Fl R 4s	15	3	TR on pile.	
6203	- Daybeacon 23	38-16-06.957N 122-17-11.960W				SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SAN PABLO BAY (Chart 18654)						
	Napa River						
6204	- LIGHT 25	38-16-16.808N 122-17-14.604W	Fl G 4s	15	4	SG on pile.	
6205	- LIGHT 26	38-16-22.067N 122-17-07.260W	Fl R 4s	15	3	TR on pile.	
6206	- LIGHT 28	38-16-30.616N 122-16-57.835W	Fl R 4s	15	3	TR on pile.	
6207	- LIGHT 30	38-16-43.111N 122-16-54.990W	Fl R 4s	15	3	TR on pile.	
6207.1	- LIGHT 32	38-16-47.256N 122-17-00.509W	Fl R 4s	15	3	TR on pile.	
6207.2	- LIGHT 34	38-17-02.626N 122-17-09.311W	Fl R 4s	15	3	TR on pile.	
6208	- Daybeacon 36	38-17-11.918N 122-17-00.354W				TR on pile.	
6209	- LIGHT 38	38-17-22.741N 122-16-57.554W	Fl R 4s	15	3	TR on pile.	
6210	- LIGHT 40	38-17-32.869N 122-16-52.563W	Fl R 4s	15	3	TR on pile.	
6210.1	- LIGHT 42	38-17-42.030N 122-16-56.586W	Fl R 4s	15	3	TR on pile.	
6210.2	- LIGHT 44	38-17-47.345N 122-16-54.023W	Fl R 4s	15	3	TR on pile.	
6210.3	- Daybeacon 46	38-17-51.398N 122-16-57.966W				TR on pile.	
	SUSUIN BAY (Chart 18656)						
	Carquinez Strait						
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	38-03-39.875N 122-13-39.044W				Red and green bands.	
6215	**- Bridge Pier B Fog Signal**	38-03-38.200N 122-13-31.600W				On center pier.	BELL: 1 stroke ev 10s. On north side of center pier. HORN: 1 blast ev 30s (2s bl). Private aid.
6216	**- BRIDGE NORTH CHANNEL RACON N** Mid-span on north channel.	38-03-46.600N 122-13-31.300W					BANDS: Alternating 20s (X 10s, S 10s). RACON: N (– •). Private aid.
6217	**- BRIDGE SOUTH CHANNEL RACON C** Mid-span on south channel.	38-03-33.120N 122-13-29.760W					BANDS: Alternating 20s (X 10s, S 10s). RACON: C (– • – •). Private aid.
6220	**- Bridge Pier 2 Fog Signal**	38-03-50.500N 122-13-32.700W					Private aid.
6222	GLENCOVE MARINA ENTRANCE LIGHT 1	38-03-58.000N 122-12-50.000W	Fl G 4s	14		On pile.	Private aid.
6223	GLENCOVE MARINA ENTRANCE LIGHT 2	38-03-58.000N 122-12-49.000W	Fl R 4s	14		On pile.	Private aid.
6225	- LIGHT 21	38-03-35.888N 122-11-39.268W	Fl G 4s	20	4	SG on pile.	
6230	- LIGHT 20	38-03-14.224N 122-11-44.173W	Fl R 4s	16	3	TR on pile.	
6232	- *Lighted Buoy 21A*	38-03-22.091N 122-10-53.297W	Fl G 2.5s		3	Green.	
6235	- LIGHT 22	38-02-55.742N 122-11-01.306W	Fl R 6s	20	4	TR on pile.	
6240	- LIGHT 23	38-02-36.661N 122-10-02.838W	Fl G 4s	20	4	SG on pile.	
6245	- *Lighted Buoy 25*	38-01-59.716N 122-09-42.879W	Q G		3	Green.	
6247	BENICIA MARINA LIGHT 1	38-02-31.610N 122-09-27.580W	Fl G 5s	5		SG on post.	Private aid.
6248	BENICIA MARINA LIGHT 2	38-02-31.330N 122-09-26.510W	Fl R 5s	5		TR on post.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SUSUIN BAY (Chart 18656)						
	Carquinez Strait						
6250	BENICIA WHARF LIGHT	38-02-24.163N 122-08-18.462W	Fl G 4s	12	5	Corner of pier.	
6255	MARTINEZ MARINA LIGHT 1	38-01-40.830N 122-08-17.574W	Fl G 4s	7		On pile.	Private aid.
6260	MARTINEZ MARINA LIGHT 2	38-01-39.999N 122-08-18.261W	Fl 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	**Shell Oil Wharf Fog Signal**	38-01-53.000N 122-07-50.000W					HORN: 1 blast ev 20s (5s bl). Private aid.
6275	SHELL OIL WHARF EAST END LIGHT	38-01-57.950N 122-07-43.875W	Oc R 2.4s	24		Mooring dolphin.	Private aid.
6280	AMORCO WHARF WEST LIGHT	38-02-03.715N 122-07-30.875W	F R	26		On post above dolphins.	BELL: 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	**Benicia-Martinez Highway Bridge Main Channel Fog Signal**	38-02-18.100N 122-07-16.800W					HORN: 1 blast ev 20s (1.5s bl). Private aid.
6286	**BENICIA-MARTINEZ HIGHWAY BRIDGE RACON B** Mid-span, center of channel.	38-02-18.100N 122-07-16.800W					RACON: B (– •••). Private aid.
6290	**Benicia-Martinez Highway Bridge Secondary Channel Fog Signal**	38-02-35.800N 122-07-31.000W					HORN: 2 blasts ev 20s (1s bl-1s si-1s bl-17s si). Private aid.
6295	**Benicia-Martinez Rail Road Bridge Pier 13 Fog Signal**	38-02-20.700N 122-07-16.000W					Private aid.
6300	**Benecia-Martinez Rail Road Bridge Pier 17 Fog Signal**	38-02-38.500N 122-07-29.700W					Private aid.
	Suisun Bay						
6305	- Channel Buoy 2	38-02-14.625N 122-07-19.005W				Red nun.	
6310	- Channel Buoy 3	38-02-18.405N 122-07-21.965W				Green can.	
6315	- Buoy 2A	38-02-20.622N 122-07-03.192W				Red nun.	
6320	- Buoy 3A	38-02-25.872N 122-07-07.326W				Green can.	
6325	- NORTH CHANNEL LIGHT 2	38-02-52.713N 122-06-42.774W	Fl R 2.5s	15	3	TR on pile.	Ra ref.
6330	- NORTH CHANNEL LIGHT 4	38-03-53.354N 122-05-48.073W	Fl R 6s	15	4	TR on pile.	Ra ref.
6335	- NORTH CHANNEL LIGHT 6	38-04-47.329N 122-04-55.773W	Fl R 4s	15	3	TR on pile.	Ra ref.
	Suisun Slough Entrance						
6345	- LIGHT 9	38-06-29.345N 122-03-22.195W	Fl G 4s	15	4	SG on pile.	Ra ref.
6350	- LIGHT 10	38-07-08.624N 122-03-43.693W	Fl R 4s	15	3	TR on pile.	Ra ref.
	Suisun Bay						
6355	- *Channel Lighted Buoy 6*	38-02-30.738N 122-06-42.650W	Fl R 4s		3	Red.	
6356	- PLAINS PRODUCTS PIER LIGHT (A)	38-02-41.000N 122-06-09.000W	Fl W 4s	18		West End of Piier.	Private aid.
6357	- PLAINS PRODUCTS PIER LIGHT (B)	38-02-43.000N 122-06-06.000W	Fl W 4s	18		On Pier.	Private aid.
6358	- PLAINS PRODUCTS PIER LIGHT (C)	38-02-45.000N 122-06-02.000W	Fl W 4s	18		On Pier.	Private aid.
6359	- PLAINS PRODUCTS PIER LIGHT (D)	38-02-46.000N 122-05-59.000W	Fl W 4s	18		East End of Pier.	Private aid.
6360	- *Channel Lighted Buoy 7*	38-02-54.217N 122-05-57.995W	Fl G 4s		4	Green.	
6362	AVON TURNING BASIN SOUTH LIGHT	38-02-50.000N 122-05-47.000W	Fl W 4s	18		Single pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SUSUIN BAY (Chart 18656)						
	Suisun Bay						
6363	AVON TURNING BASIN NORTH LIGHT	38-03-06.000N 122-05-56.000W	Fl 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	38-02-56.090N 122-05-23.266W	Q W	24		KRW on pile.	Visible all around; higher intensity on rangeline. Ra ref.
6380	POINT EDITH CROSSING SOUTH RANGE REAR LIGHT 439 yards, 237° from front light. Rangeline is 25 feet south of channel centerline.	38-02-48.892N 122-05-36.849W	Iso W 6s	32		KRW on pile.	Visible all around; higher intensity on rangeline. Ra ref.
6385	- *Channel Lighted Buoy 9*	38-03-13.933N 122-04-54.357W	Fl G 2.5s		3	Green.	
	Seal Islands Channel						
6390	- LIGHT 2	38-03-12.985N 122-04-16.237W	Fl R 6s	20	4	TR on pile.	
6395	- LIGHT 3	38-03-22.081N 122-03-55.693W	Fl G 6s	20	4	SG on pile.	
6400	- Daybeacon 4	38-03-14.484N 122-03-54.830W				TR on pile.	
6405	- Daybeacon 5	38-03-12.902N 122-03-22.017W				SG on pile.	
6410	- Daybeacon 6	38-03-07.573N 122-03-22.201W				TR on pile.	
6420	- Daybeacon 9	38-03-32.177N 122-02-21.668W				SG on pile.	
	Suisun Bay						
6425	- *Channel Lighted Buoy 10*	38-03-28.172N 122-04-17.361W	Fl R 2.5s		3	Red.	
6433	POINT EDITH CROSSING RANGE FRONT LIGHT	38-03-55.245N 122-03-31.802W	Q W	18		KRW on pile.	Visible all around; higher intensity on rangeline.
6434	POINT EDITH CROSSING RANGE REAR LIGHT 333 yards, 056° from front light.	38-04-00.674N 122-03-21.126W	Iso W 6s	30		KRW on pile.	Visible all around; higher intensity on rangeline.
6440	- CHANNEL LIGHT 11	38-05-18.341N 121-44-29.548W	Fl G 4s	16	4	SG on pile.	Ra ref.
6445	- *Channel Lighted Buoy 12*	38-03-46.982N 122-03-41.864W	Fl R 4s		3	Red.	
6450	- *Channel Lighted Buoy 13*	38-03-59.196N 122-03-12.728W	Q G		3	Green.	
6455	- *Channel Lighted Buoy 14*	38-03-54.688N 122-03-11.780W	Q R		3	Red.	
6460	- *Channel Lighted Buoy 15*	38-04-00.274N 122-02-36.069W	Fl G 4s		4	Green.	
6465	- CHANNEL LIGHT 16	38-03-55.891N 122-02-36.764W	Fl R 4s	15	3	TR on pile.	Ra ref.
6467	- *Channel Lighted Buoy 16A*	38-03-47.751N 122-01-55.714W	Fl R 6s		4	Red.	
6470	ROE ISLAND CHANNEL RANGE FRONT LIGHT	38-04-00.275N 122-02-47.922W	Q W	19		KRW on pile.	Visible 10° on each side of the rangeline.
6475	ROE ISLAND CHANNEL RANGE REAR LIGHT 515 yards, 284° from front light.	38-04-03.900N 122-03-05.949W	Iso W 6s	31		KRW on pile.	Visible 10° on each side of the rangeline.
6505	- *Channel Lighted Buoy 17*	38-03-44.210N 122-01-13.226W	Fl G 2.5s		3	Green.	
6506	- Buoy 1	38-03-56.573N 122-00-52.026W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SUSUIN BAY (Chart 18656)						
	Suisun Bay						
6506.5	- Buoy 2	38-03-52.643N 122-00-53.550W				Red nun.	
6507	- Buoy 3	38-03-56.673N 122-00-40.732W				Green can.	
6507.5	- Buoy 4	38-03-50.693N 122-00-43.152W				Red nun.	
6508	- Buoy 5	38-03-50.272N 122-00-27.071W				Green can.	
6508.5	- Buoy 6	38-03-47.915N 122-00-29.166W				Red nun.	
6509	- Buoy 7	38-03-47.591N 122-00-10.110W				Green can.	
6509.5	- Buoy 8	38-03-44.260N 122-00-11.672W				Red Nun.	
6510	- *Channel Lighted Buoy 19*	38-03-37.779N 122-00-03.656W	Q G		3	Green.	
6520	MIDDLE POINT LIGHT	38-03-17.630N 121-59-32.792W	Fl W 4s	20	5	NR on pile	
6525	- *Channel Lighted Buoy 20*	38-03-33.635N 121-59-31.388W	Fl R 4s		3	Red.	
6530	- Restricted Area Buoy A	38-03-21.311N 121-59-17.063W				Yellow nun.	
6535	- *Channel Lighted Buoy 21*	38-03-38.319N 121-58-57.989W	Fl G 4s		4	Green.	
6540	- *Channel Lighted Buoy 22*	38-03-34.317N 121-58-58.103W	Q R		3	Red.	
6542	- *Channel Lighted Buoy 23*	38-03-30.967N 121-57-45.110W	Fl G 2.5s		3	Green.	
6555	- *Channel Lighted Buoy 24*	38-03-26.630N 121-57-46.370W	Fl R 2.5s		3	Red.	
6557	- CHANNEL LIGHT 24A	38-03-18.284N 121-57-15.495W	Fl R 4s	15	3	TR on pile.	Ra ref.
6570	- CHANNEL LIGHT 26	38-03-03.256N 121-56-59.948W	Fl R 4s	16	3	TR on pile.	
6575	- CHANNEL LIGHT 27	38-03-11.567N 121-56-06.674W	Fl G 4s	20	4	SG on white pile.	Ra ref.
6580	- CHANNEL LIGHT 28	38-02-33.052N 121-55-06.802W	Fl R 2.5s	20	3	TR on pile.	Higher intensity beam up and down channel.
6585	- *Channel Lighted Buoy 30*	38-02-39.304N 121-53-24.599W	Q R		4	Red.	
6590	*New York Slough Lighted Buoy NY*	38-02-40.312N 121-53-08.651W	Fl (2+1)G 6s		3	Green and red bands.	
6595	- LIGHT 31	38-02-58.083N 121-53-15.641W	Fl G 6s	15	4	SG on pile.	Ra ref.
6600	NEW YORK SLOUGH LIGHT 2	38-02-34.327N 121-53-11.942W	Fl R 4s	20	4	TR on pile.	
	Pittsburg Marina						
6602	- WEST BASIN LIGHT 1	38-02-26.880N 121-53-07.950W	Fl G 4s	8		SG on pile.	Private aid.
6603	- WEST BASIN LIGHT 2	38-02-26.960N 121-53-08.800W	Fl R 4s	8		TR on pile.	Private aid.
6605	- EAST BASIN LIGHT 1	38-02-11.070N 121-52-54.190W	Fl G 4s	11		On breakwater.	Private aid.
6610	- EAST BASIN LIGHT 2	38-02-11.980N 121-52-55.440W	Fl R 4s	11		On breakwater.	Private aid.
6615	- EAST BASIN LIGHT 4	38-02-10.500N 121-52-55.000W	Fl R 4s	11		On breakwater.	Private aid.
	New York Slough						
6620	- LIGHT 3	38-02-15.851N 121-52-47.714W	Fl 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SUSUIN BAY (Chart 18656)						
	New York Slough						
6624	- KOCH EAST LIGHT	38-01-54.790N 121-52-13.750W	F W	20		On dolphin.	Private aid.
6625	- LIGHT 5	38-01-57.494N 121-52-04.300W	Fl G 2.5s	18	4	SG on pile.	
6630	- LIGHT 7	38-01-55.345N 121-51-28.712W	Fl G 4s	15	4	SG on pile.	
6635	- LIGHT 8	38-01-49.105N 121-51-14.174W	Fl R 2.5s	20	4	TR on pile.	
6640	- LIGHT 10	38-01-37.249N 121-50-47.420W	Fl R 4s	15	3	TR on post.	
6645	- LIGHT 11	38-01-42.104N 121-50-36.226W	Fl G 2.5s	18	4	SG on pile.	
6645.5	*Delta Diablo Outfall Lighted Buoy*	38-01-36.520N 121-50-24.660W	Fl W 4s			White with orange bands.	Private aid.
6646	- *Lighted Buoy 13*	38-01-43.519N 121-50-00.766W	Q G		3	Green.	Ra ref.
	Suisun Bay						
6650	- LIGHT 33	38-03-39.883N 121-52-18.587W	Fl G 2.5s	15	4	SG on pile.	Ra ref.
6655	- LIGHT 34	38-03-29.689N 121-52-02.865W	Fl R 2.5s	16	3	TR on pile.	Ra ref.
	SUISUN BAY (Chart 18659)						
	San Joaquin River						
6660	Point Beenar Daybeacon	38-01-50.444N 121-50-15.375W				NB on pile.	
6665	- Daybeacon 1	38-01-49.121N 121-49-47.316W					
6670	- LIGHT 2	38-01-37.214N 121-49-46.432W	Fl R 2.5s	20	3	TR on pile.	
6675	- LIGHT 3	38-01-43.334N 121-49-29.862W	Fl G 2.5s	16	3	SG on pile.	Ra ref.
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	38-01-25.990N 121-49-03.480W	Fl G 4s	20	4	SG on pile.	Ra ref.
6685	- LIGHT 8	38-01-14.399N 121-48-24.122W	Q R	15	3	TR on pile.	
6690	- LIGHT 7	38-01-20.855N 121-48-26.001W	Fl G 4s	20	4	SG on pile.	
	SACRAMENTO AND SAN JOAQUIN RIVERS (Chart 18661)						
	San Joaquin River						
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	38-01-30.724N 121-47-27.399W	Fl G 4s	20	4	SG on pile.	
6700	- LIGHT 11	38-01-46.675N 121-45-59.995W	Fl G 4s	18	4	SG on pile.	Ra ref.
6705	- LIGHT 10	38-01-38.632N 121-46-10.524W	Fl R 4s	15	3	TR on pile.	Ra ref.
6710	- Buoy 13	38-01-42.717N 121-45-13.617W				Green can.	
6715	- Buoy 14	38-01-37.762N 121-45-13.634W				Red nun.	
6717	**ANTIOCH BRIDGE RACON Z** Mid span, center of channel.	38-01-39.300N 121-45-04.900W					RACON: Z (– – ••). Private aid.
6720	- Buoy 15	38-01-42.417N 121-44-54.838W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SACRAMENTO AND SAN JOAQUIN RIVERS (Chart 18661)						
	San Joaquin River						
6725	- Buoy 16	38-01-37.462N 121-44-54.835W				Red nun.	
6730	- LIGHT 17	38-01-44.899N 121-44-20.701W	Fl G 4s	19	4	SG on pile.	Ra ref.
6733	- LIGHT 17A	38-02-00.104N 121-43-34.023W	Fl G 2.5s	15	3		
6735	- LIGHT 18	38-01-37.769N 121-44-13.981W	Fl R 4s	15	3		
6739	- LIGHT 18A	38-01-55.887N 121-43-12.374W	Fl R 4s	25	4	TR on post.	
6740	- LIGHT 19	38-02-11.082N 121-42-26.367W	Fl G 2.5s	15	3	SG on pile.	Ra ref.
6745	- LT 21	38-02-29.155 N 121-42-00.689 W	Fl G 6s	20	4		
6750	- LIGHT 23	38-02-44.311N 121-41-47.269W	Fl G 4s	15	4	SG on pile.	
6755	- LIGHT 24	38-03-07.250N 121-41-19.772W	Fl R 2.5s	20	3	TR on white skeleton tower.	
6760	- LT 25	38-03-37.723 N 121-40-49.225 W	Fl G 2.5s	16	3		
6765	- LIGHT 26	38-03-57.636N 121-40-31.430W	Fl R 4s	15	3	TR on pile.	Ra ref.
6767	- LIGHT 27	38-04-26.614N 121-40-42.821W	Fl G 4s	15	4	SG on pile.	Ra ref.
6770	- LIGHT 28	38-05-00.229N 121-40-40.944W	Fl R 4s	15	4	TR on pile.	Ra ref.
6775	THREE MILE SLOUGH LIGHT 1	38-05-08.257N 121-41-10.574W	Fl G 4s	15	4	SG on pile.	
6780	- LIGHT 29	38-05-18.128N 121-40-57.444W	Fl G 4s	15	4	SG on pile.	Ra ref.
6785	- LIGHT 30	38-05-28.651 N 121-40-38.041 W	Fl R 4s	15	3		
6790	- LT 32	38-05-40.297 N 121-40-24.187 W	Fl R 2.5s	15	4		
6795	- LIGHT 33	38-05-50.843N 121-40-08.832W	Fl G 4s	15	4	SG on pile.	Ra ref.
6797	- LT 33A	38-05-36.847 N 121-39-19.525 W	Fl G 4s	15	4		
6800	- LIGHT 34	38-05-23.528N 121-39-15.848W	Fl R 4s	15	3	TR on pile.	Ra ref.
6805	- LIGHT 35	38-05-22.994N 121-38-56.587W	Fl G 2.5s	15	3	SG on pile.	Ra ref.
6810	- LIGHT 35A	38-05-16.987N 121-38-36.672W	Fl G 6s	15	4	SG on pile.	Ra ref.
6815	- LIGHT 36	38-05-07.949N 121-38-28.540W	Fl R 4s	15	3	TR on pile.	Ra ref.
6820	- LIGHT 37	38-05-24.157N 121-38-09.618W	Fl G 4s	15	4	SG on pile.	Ra ref.
6825	- LIGHT 38	38-05-47.378N 121-37-45.216W	Fl R 6s	15	G 4 R	TR on pile.	Ra ref.
6830	- LIGHT 39	38-06-07.646N 121-37-38.371W	Fl G 4s	17	4	SG on pile.	Ra ref.
6833	- LT 40	38-06-09.331 N 121-36-57.289 W	Fl R 4s	15	3		
6835	- LIGHT 41	38-06-19.497N 121-36-57.669W	Fl G 4s	15	4	SG on pile.	Ra ref.
6840	- LIGHT 42	38-06-03.098N 121-36-09.634W	Fl R 4s	15	4	TR on pile.	Ra ref.
6845	- LIGHT 43	38-06-04.205N 121-35-42.344W	Fl G 2.5s	18	3	SG on pile.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SACRAMENTO AND SAN JOAQUIN RIVERS (Chart 18661)						
	San Joaquin River						
6850	- LIGHT 44	38-05-49.671N 121-35-13.988W	Fl R 2.5s	15	3	TR on pile.	Ra ref.
6853	- LIGHT 45	38-05-56.469N 121-35-00.134W	Fl G 2.5s	15	3	SG on pile.	Ra ref.
6855	- LIGHT 46	38-05-46.293N 121-34-53.108W	Q R	15	3	TR on pile.	Ra ref.
6857	- LIGHT 48	38-05-34.475N 121-34-37.001W	Fl R 4s	15	3	TR on pile.	Ra ref.
6860	- LIGHT 49	38-05-30.531N 121-34-24.979W	Fl G 4s	15	4	SG on pile.	Ra ref.
6865	- LIGHT 47	38-05-44.286N 121-34-34.434W	Q G	15	4	SG on pile.	Ra ref.
6870	- LIGHT 51	38-05-03.477N 121-34-19.754W	Fl G 2.5s	15	3	SG on pile.	Ra ref.
6872	- LIGHT 52	38-05-01.904N 121-34-28.721W	Fl R 4s	15	3	TR on pile.	Ra ref.
6875	- LIGHT 53	38-04-48.461N 121-34-09.617W	Fl G 4s	15	4	SG on pile.	Ra ref.
					G		
6880	- LT 54	38-04-34.249 N 121-34-06.199 W	Fl R 2.5s	15	3		
6885	- LIGHT 55	38-04-33.509N 121-33-48.653W	Fl G 4s	15	4	SG on column.	Ra ref.
6890	- LIGHT 56	38-04-06.077N 121-33-40.427W	Fl R 4s	15	3	TR on pile.	Ra ref.
6895	- LIGHT 57	38-03-38.771N 121-33-19.709W	Fl G 4s	15	4	SG on pile.	Ra ref.
6900	- LIGHT 58	38-03-30.783N 121-33-24.459W	Q R	15	3	TR on pile.	Ra ref.
	Stockton Channel						
6905	- RANGE B FRONT LIGHT	38-03-11.151N 121-30-32.631W	Q W	20		KRW on white column.	Visible all around; higher intensity on the rangeline.
6910	- RANGE B REAR LIGHT 300 yards, 098° from front light.	38-03-10.013N 121-30-22.466W	Iso W 6s	35		KRW on white column.	Visible all around; higher intensity on the rangeline.
6913	- LIGHT 1	38-03-29.809N 121-32-47.586W	Fl G 4s	15	4	SG on pile.	Ra ref.
6915	- LIGHT 2	38-03-24.783N 121-32-48.456W	Fl R 4s	16	3	TR on pile.	Ra ref.
6920	- LIGHT 3	38-03-22.555N 121-31-50.089W	Fl G 4s	30	4	SG on pile.	
6925	- LIGHT 4	38-03-16.849N 121-31-46.243W	Fl R 4s	19	3	TR on pile.	Ra ref.
6930	- LIGHT 5	38-03-17.141N 121-30-56.184W	Fl G 4s	25	4	SG on pile.	
6935	- LIGHT 6	38-03-11.673N 121-30-57.226W	Fl R 4s	22	4	TR on pile.	
6940	- LIGHT 8	38-03-06.152N 121-30-34.510W	Fl R 4s	20	4	TR on pile.	
6945	- LIGHT 9	38-02-52.412N 121-30-10.215W	Fl G 4s	15	4	SG on pile.	
6950	- LIGHT 10	38-02-50.375N 121-30-14.465W	Fl R 4s	16	4	TR on pile.	
6955	- LIGHT 11	38-02-35.784N 121-29-54.008W	Fl G 4s	22	4	SG on pile.	
6960	- LIGHT 12	38-02-32.517N 121-29-56.864W	Fl R 4s	24	4	TR on pile.	
6965	- RANGE C FRONT LIGHT	38-02-42.041N 121-30-08.552W	Q W	30		KRW on pile.	Visible all around; higher intensity on rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SACRAMENTO AND SAN JOAQUIN RIVERS (Chart 18661)						
	Stockton Channel						
6970	- RANGE C REAR LIGHT 300 yards, 306° from front light.	38-02-47.455N 121-30-17.882W	Iso W 6s	35		KRW on pile.	Visible all around; higher intensity on rangeline.
6975	- LIGHT 13	38-02-03.938N 121-28-59.112W	Fl G 4s	19	4	SG on pile.	
6980	- LIGHT 14	38-02-00.649N 121-29-02.259W	Fl R 4s	20	4	TR on pile.	
6985	- LIGHT 16	38-01-32.379N 121-28-13.176W	Fl R 4s	17	4	TR on pile.	
6990	- LIGHT 18	38-01-18.723N 121-27-58.145W	Fl R 4s	16	4	TR on pile.	
6995	- RANGE D FRONT LIGHT	38-01-33.291N 121-28-05.572W	Q W	28		KRW on pile.	Visible all around; higher intensity on rangeline.
7000	- RANGE D REAR LIGHT 625 yards, 329° from front light.	38-01-48.676N 121-28-17.223W	Iso W 6s	40		KRW on pile.	Visible all around; higher intensity on rangeline.
7005	- RANGE E FRONT LIGHT	38-01-24.373N 121-27-55.298W	Q G	23		KRW on pile.	Visible all around; higher intensity on rangeline. Ra ref.
7010	- RANGE E REAR LIGHT 170 yards, 126° from front light.	38-01-21.375N 121-27-50.373W	Iso G 6s	35		KRW on pile.	Visible all around; higher intensity on the rangeline.
7015	ACKER ISLAND LIGHT	37-59-51.724N 121-26-48.974W	Q W	29	5	NR on pile.	
7020	- LIGHT 19	38-00-41.233N 121-27-22.400W	Fl G 4s	20	4	SG on pile.	
7025	- LIGHT 20	38-00-38.085N 121-27-27.280W	Fl R 4s	20	4	TR on pile.	
7030	- LIGHT 21	38-00-07.695N 121-26-57.636W	Fl G 4s	19	4	SG on pile.	
7035	- LIGHT 22	38-00-04.476N 121-27-01.956W	Fl R 4s	20	4	TR on pile.	
7040	- LIGHT 23	37-59-52.368N 121-26-38.159W	Fl G 4s	25	4	SG on pile.	
7045	- LIGHT 24	37-59-48.801N 121-26-41.820W	Fl R 4s	25	4	TR on pile.	
7050	- LIGHT 25	37-59-44.336N 121-26-22.788W	Fl G 4s	20	4	SG on pile.	
7055	- LIGHT 26	37-59-40.175N 121-26-25.700W	Fl R 4s	24	4	TR on pile.	
7060	- LIGHT 27	37-59-40.167N 121-25-57.238W	Fl G 4s	20	4	SG on pile.	
7065	- LIGHT 28	37-59-34.834N 121-25-57.325W	Fl R 4s	16	3	TR on pile.	
7070	- LIGHT 29	37-59-43.163N 121-25-33.429W	Fl G 4s	20	4	SG on pile.	
7075	- LIGHT 30	37-59-39.099N 121-25-32.726W	Fl R 4s	25	4	TR on pile.	
7080	- LIGHT 31	37-59-44.701N 121-25-05.073W	Fl G 4s	20	4	SG on pile.	
7085	- LIGHT 32	37-59-40.780N 121-25-05.174W	Fl R 4s	20	3	TR on pile.	
7090	- LIGHT 33	37-59-40.946N 121-24-46.819W	Fl G 4s	20	4	SG on pile.	
7095	- LIGHT 34	37-59-36.598N 121-24-49.870W	Fl R 4s	22	4	White tower on pile.	
7100	- RANGE H FRONT LIGHT	37-59-05.647N 121-23-19.636W	Q G	25		KRW on pile.	Visible all around; higher intensity on the rangeline.
7105	- RANGE H REAR LIGHT 657 yards, 115° from front light.	37-58-57.226N 121-22-56.893W	Iso G 6s	51		KRW on skeleton tower.	Visible all around; higher intensity on the rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Eleventh District						
	SACRAMENTO AND SAN JOAQUIN RIVERS (Chart 18661)						
	Stockton Channel						
7110	- LIGHT 36	37-59-11.341N 121-23-38.991W	Fl R 4s	20	4	TR on pile.	
7115	- LIGHT 38	37-59-00.680N 121-23-21.493W	Fl R 4s	20	3	TR on pile.	
7120	- RANGE J FRONT LIGHT	37-59-11.967N 121-23-31.807W	Q W	20		KRW on pile.	Visible all around; higher intensity on the rangeline.
7125	- RANGE J REAR LIGHT 750 yards, 317° from front light.	37-59-23.973N 121-23-45.723W	Iso W 6s	65		KRW on pile.	Visible all around; higher intensity on the rangeline.
7130	- LIGHT 39	37-58-42.730N 121-22-54.638W	Fl G 4s	20	4	SG on pile.	
7135	- LIGHT 40	37-58-36.828N 121-22-53.774W	Fl R 4s	20	3	TR on pile.	
7140	- LIGHT 41	37-58-09.152N 121-22-16.208W	Fl G 4s	20	4	SG on pile.	
7145	- LIGHT 42	37-58-06.894N 121-22-19.565W	Fl R 4s	20	3	TR on pile.	
7150	- LIGHT 43	37-57-32.953N 121-21-31.766W	Fl G 4s	20	4	SG on pile.	
7155	- LIGHT 45	37-57-26.772N 121-21-14.689W	Fl 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	37-57-05.758N 121-20-16.575W	Fl R 4s	20	4	TR on pile.	
	SUISUN BAY (Chart 18659)						
	Sacramento River Deep Water Ship Channel						
7170	- LIGHT 1	38-03-53.831N 121-51-03.896W	Fl G 4s	15	3	SG on pile.	Ra ref.
7175	- *Lighted Buoy 2* 50 feet outside channel limit.	38-03-46.984N 121-51-03.161W	Fl R 4s		3	Red.	Ra ref.
7180	- LIGHT 3	38-03-58.201N 121-50-34.590W	Fl G 2.5s	15	3	SG on pile.	Ra ref.
7185	- LIGHT 5	38-03-56.797N 121-50-08.953W	Fl G 2.5s	15	3	SG on pile.	Ra ref.
7190	- LIGHT 6	38-03-51.307N 121-50-06.565W	Fl R 2.5s	15	3	TR on pile.	Ra ref.
7195	- LIGHT 7	38-03-44.150N 121-48-31.720W	Fl G 4s	15	4	SG on pile.	Ra ref.
7200	- LIGHT 8	38-03-34.516N 121-48-30.693W	Fl R 4s	15	3	TR on pile.	Ra ref.
	SACRAMENTO AND SAN JOAQUIN RIVER (Chart 18661)						
	Sacramento River Deep Water Ship Channel						
7205	- *Lighted Buoy 9*	38-03-41.211N 121-47-57.842W	Fl G 4s		4	Green.	
7210	- LIGHT 10	38-03-35.047N 121-47-59.646W	Fl R 2.5s	15	3	TR on pile.	Ra ref.
7215	- LIGHT 11	38-03-51.560N 121-47-38.128W	Fl G 6s	20	4	SG on pile.	Ra ref.
7220	- LIGHT 12	38-03-44.828N 121-47-32.077W	Fl R 6s	15	4	TR on pile.	Ra ref.
7225	- LIGHT 13	38-04-40.572N 121-46-02.256W	Fl G 2.5s	15	3	SG on pile.	Ra ref.
7230	- LIGHT 14	38-04-34.998N 121-45-57.468W	Fl R 2.5s	15	3	TR on pile.	Ra ref.
7235	- LIGHT 15	38-05-23.476N 121-44-33.549W	Fl G 4s	15	4	SG on pile.	Ra ref.
7240	- LIGHT 16	38-05-18.341N 121-44-29.548W	Fl 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
			CALIFORNIA - Eleventh District				
	SACRAMENTO AND SAN JOAQUIN RIVER (Chart 18661)						
	Sacramento River Deep Water Ship Channel						
7245	- LIGHT 17	38-05-39.110N 121-44-11.626W	Fl G 6s	15	4	SG on pile.	Ra ref.
7250	- LIGHT 18	38-05-34.418N 121-44-06.787W	Fl R 6s	15	4	TR on pile.	Ra ref.
7255	- LIGHT 19	38-06-47.180N 121-42-36.811W	Fl G 4s	15	4	SG on pile.	Ra ref.
7260	- LIGHT 20	38-06-42.651N 121-42-32.576W	Fl R 4s	15	3	TR on pile.	Ra ref.
7265	- LIGHT 21	38-07-01.494N 121-42-20.851W	Fl G 2.5s	15	3	SG on pile.	Ra ref.
7270	- LIGHT 22	38-06-57.805N 121-42-15.066W	Fl R 2.5s	15	3	TR on pile.	Ra ref.
7275	- LIGHT 23	38-07-28.430N 121-41-57.277W	Fl G 6s	15	4	SG on pile.	Ra ref.
7280	- LIGHT 24	38-07-26.719N 121-41-49.686W	Fl R 2.5s	15	3	TR on pile.	Ra ref.
7285	- LIGHT 25	38-08-00.247N 121-41-42.822W	Fl G 4s	15	4	SG on pile.	Ra ref.
7290	- LIGHT 26	38-07-59.142N 121-41-36.390W	Fl R 4s	15	3	TR on pile.	Ra ref.
7295	- LIGHT 27	38-08-57.741N 121-41-26.099W	Fl G 2.5s	15	3	SG on pile	Ra ref.
7305	- LIGHT 28	38-08-56.557N 121-41-20.132W	Fl R 2.5s	15	3	TR on post.	
7310	- LIGHT 29	38-09-13.624N 121-41-20.337W	Fl G 4s	15	4	SG on pile.	Ra ref.
7315	- LIGHT 30	38-09-12.163N 121-41-12.931W	Fl R 4s	15	3	TR on pile.	Ra ref.
7320	- LIGHT 32	38-09-19.168N 121-41-08.793W	Q R	15	3	TR on pile.	Ra ref.
7325	- Buoy 34	38-09-26.841N 121-41-04.138W				Red nun.	
7330	**Rio Vista Bridge Fog Signal**	38-09-34.200N 121-41-04.600W					HORN (2): 1 blast ev 20s (3s bl). Horns sound simulataneously. Operated only upon request. Private aid.
7331	**RIO VISTA BRIDGE RACON T** Mid-span, center of channel.	38-09-33.200N 122-41-02.400W					RACON: T (–). Private aid.
7335	- LIGHT 36	38-09-52.943N 121-40-41.236W	Fl R 2.5s	15	3	TR on pile.	Ra ref.
7340	- Buoy 35	38-09-36.560N 121-41-01.758W				Green can.	
	SUISUN BAY (Chart 18659)						
	Sacramento River Deep Water Ship Channel						
7345	- LIGHT 36A	38-10-19.807 N 121-40-16.645 W	Fl R 4s	15	3		
	SACRAMENTO AND SAN JOAQUIN RIVER (Chart 18661)						
	Sacramento River Deep Water Ship Channel						
7350	- LIGHT 37	38-10-41.628N 121-40-09.285W	Fl G 4s	15	4	SG on pile.	Ra ref.
7355	- LIGHT 39	38-11-09.686N 121-39-44.562W	Fl G 4s	25	4	SG on pile.	
7360	- LIGHT 40	38-11-18.638N 121-39-30.822W	Fl R 4s	25	3	TR on pile.	
7365	- LIGHT 41	38-11-38.471N 121-39-28.744W	Fl G 4s	15	4	SG on pile.	Ra ref.
7370	- LIGHT 42	38-11-52.908N 121-39-20.533W	Fl 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
			CALIFORNIA - Eleventh District				
	SACRAMENTO AND SAN JOAQUIN RIVER (Chart 18661)						
	Sacramento River Deep Water Ship Channel						
7375	- LIGHT 43	38-12-17.563N 121-39-35.580W	Fl G 4s	25	4	SG on pile.	
7380	- LIGHT 44	38-12-43.550N 121-39-49.404W	Fl R 4s	25	4	TR on pile.	
7385	- LIGHT 45	38-12-58.591N 121-40-16.156W	Fl G 4s	25	4	SG on pile.	
7390	- LIGHT 46	38-13-02.343N 121-40-07.912W	Fl R 4s	25	3	TR on pile.	
7395	- LIGHT 47	38-13-23.831N 121-40-28.480W	Fl G 4s	15	4	SG on pile	
7400	- LIGHT 48	38-13-24.177N 121-40-20.599W	Fl R 4s	25	4	TR on pile.	
7405	- LIGHT 49	38-13-42.257N 121-40-32.574W	Q G	15	3	SG on pile.	
7410	- LIGHT 49A	38-14-00.208N 121-40-30.024W	Fl G 4s	15	3	SG on pile.	Ra ref.
7415	- LIGHT 50	38-13-43.710N 121-40-25.041W	Fl R 4s	12	3	TR on pile.	
7420	- LIGHT 51	38-14-14.679N 121-40-26.100W	Q G	25	3	SG on pile.	
7425	- LIGHT 52	38-14-13.475N 121-40-19.778W	Q R	25	4	TR on pile.	
	SACRAMENTO RIVER (Chart 18662)						
	Sacramento River Deep Water Ship Channel						
7430	- LIGHT 53	38-15-23.226N 121-40-05.172W	Fl G 4s	25	4	SG on pile.	
7435	- LIGHT 54	38-15-21.517N 121-39-58.906W	Fl R 4s	15	3	TR on pile.	
7440	- LIGHT 55	38-16-32.551N 121-39-44.013W	Fl G 4s	25	4	SG on pile.	
7445	- LIGHT 56	38-16-31.503N 121-39-37.570W	Fl R 4s	25	4	TR on pile.	
7450	- LIGHT 57	38-18-24.246N 121-39-17.352W	Fl G 4s	25	4	SG on pile.	
7455	- LIGHT 58	38-18-23.326N 121-39-11.003W	Fl R 4s	25	4	TR on pile.	
7460	- RANGE A FRONT LIGHT 59	38-20-00.856N 121-38-54.199W	Q G	35		KRW on piles; SG facing downstream.	Light changes to Q W when abeam proceeding upstream. Higher intensity on leading line.
7465	- RANGE A REAR LIGHT 540 yards, 200° from front light.	38-19-45.909N 121-39-01.190W	Iso W 6s	43		KRW on pile.	Visible 5° each side of rangeline.
7470	- LIGHT 60	38-19-59.725N 121-38-47.819W	Fl R 4s	25	3	TR on pile.	
7475	- RANGE B FRONT LIGHT 61	38-20-31.193N 121-38-43.744W	Q G	36		KRW on pile; SG facing upstream.	Light changes to Q W when abeam proceeding downstream. Higher intensity on leading line.
7480	SACRAMENTO DEEP WATER CHANNEL RANGE B REAR LIGHT 600 yards, 011° from front light.	38-20-49.090N 121-38-39.442W	Iso W 6s	43		KRW on pile.	Visible 5° each side of rangeline.
7485	- LIGHT 62	38-20-29.420N 121-38-37.586W	Fl R 4s	25	3	TR on pile.	
7490	- LIGHT 63	38-22-24.902N 121-37-50.664W	Fl G 4s	19	4	SG on pile.	
7495	- LIGHT 64	38-22-23.270N 121-37-44.601W	Fl R 4s	19	4	TR on pile.	
7500	- LIGHT 65	38-24-18.102N 121-37-00.212W	Fl G 4s	18	4	SG on pile.	
7505	- LIGHT 66	38-24-16.010N 121-36-52.413W	Fl R 4s	18	3	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SACRAMENTO RIVER (Chart 18662)						
	Sacramento River Deep Water Ship Channel						
7510	- LIGHT 67	38-26-10.929N 121-36-07.691W	Fl G 4s	18	4	SG on pile.	
7515	- LIGHT 68	38-26-08.788N 121-36-00.616W	Fl R 4s	18	3	TR on pile.	
7520	- LIGHT 69	38-28-12.106N 121-35-10.177W	Fl G 4s	18	4	SG on pile.	
7525	- RANGE C FRONT LIGHT 70	38-28-10.417N 121-35-04.165W	Q R	18		KRW on pile; TR facing downstream.	Light changes to Q W when abeam proceeding upstream. Higher intensity W on leading line.
7530	- RANGE C REAR LIGHT 400 yards, 180° from front light.	38-27-58.634N 121-35-03.901W	Iso W 6s	36		KRW on pile.	Visible 5° each side of rangeline.
7535	- LIGHT 71	38-28-25.294N 121-35-00.617W	Fl G 4s	18	4	SG on pile.	
7540	- LIGHT 72	38-28-25.290N 121-35-00.570W	Fl R 2.5s	18	3	KRW on pile; TR facing upstream.	
7541	- RANGE D FRONT LIGHT	38-28-24.251N 121-35-07.265W	Q W	18		KRW on pile; TR facing upstream.	Visible 4° each side of rangeline. Passing light Fl R 2.5s.
7545	- RANGE D REAR LIGHT 700 yards, 020° from front light.	38-28-45.081N 121-34-51.388W	Iso W 6s	36		KRW on pile.	Visible 5° each side of rangeline.
7550	- LIGHT 73	38-30-22.437N 121-35-07.714W	Fl G 4s	22	4	SG on pile.	
7555	- LIGHT 74	38-30-22.482N 121-35-00.939W	Fl R 4s	22	3	TR on pile.	
7560	- LIGHT 75	38-32-15.354N 121-35-08.097W	Fl G 4s	22	4	SG on pile.	
7565	- LIGHT 76	38-32-15.248N 121-35-01.212W	Fl R 4s	22	4	TR on pile.	
7570	- RANGE E FRONT LIGHT 77	38-32-38.415N 121-35-04.653W	Q W	22		KRW on pile; SG facing upstream.	Visible all around; higher intensity on rangeline.
7575	- RANGE E REAR LIGHT 370 yards, 000° from front light.	38-32-49.124N 121-35-04.715W	Iso W 6s	40		KRW on white column.	Visible all around; higher intensity on the rangeline.
7580	- LIGHT 79	38-32-48.039N 121-35-01.043W	Fl G 4s	22	4	SG on pile.	
7585	- LIGHT 80	38-32-46.215N 121-34-54.717W	Fl R 2.5s	22	3	TR on pile.	
7590	- LIGHT 81	38-33-16.550N 121-34-39.324W	Fl G 4s	22	4	SG on pile.	
7595	- LIGHT 82	38-33-12.993N 121-34-34.314W	Q R	22	3	TR on pile.	
7600	- LIGHT 83	38-33-35.995N 121-34-04.750W	Fl G 4s	22	4	SG on pile.	
7605	- LIGHT 84	38-33-31.376N 121-34-02.239W	Fl R 4s	22	3	TR on pile.	
	SUISUN BAY (Chart 18659)						
	Sacramento River Deep Water Ship Channel						
7607	WEST SACRAMENTO CEMEX DOCK LIGHT A	38-33-41.960N 121-33-40.450W	F W	19		On Pier.	Private aid.
7607.1	WEST SACRAMENTO CEMEX DOCK LIGHT B	38-33-42.710N 121-33-34.270W	F W	19		On pier.	Private aid.
7607.2	WEST SACRAMENTO CEMEX DOCK LIGHT C	38-33-43.160N 121-33-33.720W	F W	19		On pier.	Private aid.
	SACRAMENTO RIVER (Chart 18662)						
	Sacramento River Deep Water Ship Channel						
7610	- LIGHT 85	38-33-43.000N 121-33-24.555W	Fl G 4s	22	4	SG on pile.	
7615	- LIGHT 86	38-33-37.868N 121-33-23.391W	Fl R 4s	22	3	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	SACRAMENTO AND SAN JOAQUIN RIVER (Chart 18661)						
	Sacramento River						
7620	- LIGHT 2	38-10-38.099N 121-39-53.237W	Q R	15	3	TR on pile.	
7625	- LIGHT 1	38-10-40.708N 121-39-49.298W	Fl G 4s	30	4	SG on pile.	
7645	- LIGHT 4	38-11-33.975N 121-33-55.786W	Fl R 4s	15	3	TR on pile.	
	SACRAMENTO RIVER (Chart 18662)						
	Sacramento River						
7665	- LIGHT 6	38-21-44.046N 121-31-12.757W	Fl R 4s	30	3	TR on pile.	
7670	- LIGHT 7	38-25-55.762N 121-31-58.706W	Fl G 4s	25	4	SG on pile.	
7690	- LIGHT 9	38-28-25.560N 121-31-24.078W	Fl G 4s	15	4	SG on pile.	
7715	- LIGHT 10	38-30-45.728N 121-33-09.275W	Fl R 4s	25	3	TR on pile.	
7740	- LIGHT 12	38-32-45.082N 121-30-38.445W	Fl R 4s	25	3	TR on dolphin.	
7755	- LIGHT 14	38-33-30.012N 121-30-53.796W	Fl R 4s	25	3	TR on pile.	
	BODEGA AND TOMALES BAY (Chart 18643)						
	Bodega Bay						
7765	*Bodega Harbor Approach Lighted Gong Buoy BA*	38-17-12.704N 123-02-21.796W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
7770	BODEGA HEAD LIGHT	38-18-00.606N 123-03-14.117W	Fl W 6s	110	6	NR on pile.	Light obscured from 047° to 205°.
	Bodega Harbor						
7775	- ENTRANCE LIGHT	38-18-17.626N 123-02-57.559W	Fl W 4s	20	6	NG on skeleton tower.	HORN: 1 blast ev 10s (1s bl), operates continuously.
7780	- CHANNEL LIGHT 2	38-18-20.131N 123-03-17.712W	Q R	15	3	TR on pile.	
7785	- CHANNEL RANGE A FRONT LIGHT 3	38-18-19.148N 123-03-24.527W	Q G	13		KRW on pile, SG facing upstream.	Visible all around; higher intensity on the rangeline.
7790	- CHANNEL RANGE AB REAR LIGHT 153 yards, 269° from, Range A Front Light. 193 yards, 209° from Range B Front Light.	38-18-19.083N 123-03-30.326W	Iso G 6s	25		KRW on frame.	Visible all around; higher intensity on the rangeline.
7795	BODEGA BAY HARBOR LIGHT 4	38-18-21.547N 123-03-20.714W	Fl R 2.5s	15	3	TR on pile.	
7800	- CHANNEL RANGE B FRONT LIGHT 5	38-18-23.972N 123-03-26.719W	Q G	15		KRW on pile, SG facing downstream.	Visible all around; higher intensity on the rangeline.
7810	- CHANNEL LIGHT 6	38-18-27.625N 123-03-22.701W	Q R	15	3	TR on pile.	
7815	- Channel Daybeacon 7	38-18-28.558N 123-03-25.144W				SG on pile.	
7820	- Channel Daybeacon 8	38-18-32.546N 123-03-19.088W				TR on pile.	
7825	- Channel Daybeacon 9	38-18-33.512N 123-03-21.313W				SG on pile.	
7830	- Channel Daybeacon 10	38-18-38.605N 123-03-14.805W				TR on pile.	
7835	- CHANNEL LIGHT 11	38-18-39.772N 123-03-16.972W	Fl G 2.5s	15	3	SG on pile.	
7840	- Channel Daybeacon 13	38-18-44.701N 123-03-13.006W				SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Eleventh District						
	BODEGA AND TOMALES BAY (Chart 18643)						
	Bodega Harbor						
7845	- CHANNEL RANGE C FRONT LIGHT 14	38-18-47.448N 123-03-07.922W	Q R	13		KRW on piles, TR facing downstream.	Visible all around; higher intensity on the rangeline.
7850	- CHANNEL RANGE C REAR LIGHT 225 yards, 179° from front light.	38-18-41.638N 123-03-07.880W	Iso R 6s	23		KRW on pile.	Visible all around; higher intensity on the rangeline.
7855	- Channel Daybeacon 15	38-18-49.947N 123-03-09.287W				SG on pile.	
7860	- CHANNEL LIGHT 16	38-18-49.991N 123-03-06.702W	Fl R 4s	15	3	TR on pile.	
7861	- Channel Daybeacon 17	38-18-57.311N 123-03-09.205W				SG on pile.	
7865	- Channel Daybeacon 18	38-18-57.346N 123-03-06.993W				TR on pile.	
7870	- CHANNEL LIGHT 19	38-19-03.474N 123-03-09.289W	Fl G 6s	15	4	SG on pile.	
7875	- Channel Daybeacon 20	38-19-03.505N 123-03-06.954W				TR on pile.	
7880	- Channel Daybeacon 21	38-19-09.552N 123-03-09.348W				SG on pile.	
7885	- Channel Daybeacon 22	38-19-09.616N 123-03-07.048W				TR on pile.	
7890	- Channel Daybeacon 23	38-19-15.658N 123-03-09.439W				SG on pile.	
7895	- CHANNEL LIGHT 24	38-19-16.165N 123-03-07.136W	Fl R 4s	15	3	TR on pile.	
7900	- Channel Daybeacon 25	38-19-21.672N 123-03-09.542W				SG on pile.	
7905	- Channel Daybeacon 26	38-19-22.335N 123-03-07.298W				TR on pile.	
7910	- CHANNEL LIGHT 27	38-19-28.340N 123-03-09.668W	Fl G 4s	15	4	SG on pile.	
7915	- Channel Daybeacon 28	38-19-28.340N 123-03-07.381W				TR on pile.	
7920	- Channel Daybeacon 29	38-19-33.833N 123-03-09.724W				SG on pile.	
7925	- Channel Daybeacon 30	38-19-34.149N 123-03-07.477W				TR on pile.	
7930	- Channel Daybeacon 31	38-19-40.082N 123-03-09.861W				SG on pile.	
7935	- CHANNEL LIGHT 32	38-19-40.240N 123-03-07.572W	Fl R 2.5s	15	3	TR on pile.	
7940	- CHANNEL LIGHT 33	38-19-48.737N 123-03-10.050W	Fl G 2.5s	13	3	SG on pile.	
7945	- Channel Daybeacon 34	38-19-48.837N 123-03-07.745W				TR on pile.	
	Spud Point Marina						
7946	- LIGHT 1	38-19-50.392N 123-03-12.164W	Q G	15	3	SG on pile.	
7947	- LIGHT 2	38-19-52.343N 123-03-12.184W	Q R	15	3	TR on pile.	
7948	- Buoy 3	38-19-51.029N 123-03-15.754W				Green can.	
7949	- Buoy 4	38-19-51.769N 123-03-16.055W				Red nun.	
7951	- Buoy 6	38-19-51.917N 123-03-22.506W				Red nun.	
7952	- LIGHT 5	38-19-49.900N 123-03-22.104W	Fl G 4s	9	4	SG on pile.	
	Bodega Harbor						
7954	- Channel Daybeacon 35	38-19-53.863N 123-03-10.041W				SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Eleventh District						
	BODEGA AND TOMALES BAY (Chart 18643)						
	Bodega Harbor						
7955	- CHANNEL LIGHT 36	38-19-52.377N 123-03-07.488W	Q R		3	TR on pile.	
7960	- CHANNEL RANGE D FRONT LIGHT 37	38-19-57.286N 123-03-09.030W	Q G	13		KRW on pile; SG facing upstream.	Visible all around; higher intensity on the rangeline.
7970	- CHANNEL RANGE D REAR LIGHT 275 yards, 000° from front light.	38-20-05.270N 123-03-09.134W	Iso G 6s	23		KRW on pile.	Visible all around; higher intensity on the rangeline.
7975	- Channel Daybeacon 38	38-19-53.734N 123-03-01.439W				TR on pile.	
7980	- CHANNEL LIGHT 40	38-19-53.609N 123-02-57.308W	Fl R 4s	15	3	TR on pile.	
7985	- Channel Daybeacon 42	38-19-48.016N 123-02-51.953W				TR on pile.	
7990	- Channel Daybeacon 44	38-19-43.908N 123-02-47.861W				TR on pile.	
7995	- Channel Daybeacon 46	38-19-38.764N 123-02-40.966W				TR on pile.	
8000	- Channel Daybeacon 48	38-19-34.033N 123-02-34.087W				TR on pile.	
8005	- Channel Daybeacon 50	38-19-29.471N 123-02-31.865W				TR on pile.	
8010	- Channel Daybeacon 52	38-19-25.901N 123-02-29.290W				TR on pile.	
8015	- Channel Daybeacon	38-19-25.208N 123-02-27.742W				NB on pile.	
	Tomales Bay						
8020	*Tomales Point Lighted Bell Buoy 2*	38-15-07.316N 123-00-11.722W	Fl R 6s		4	Red.	
8025	- Outside Bar Gong Buoy TB	38-14-35.187N 122-59-16.630W				Red and white stripes with red spherical topmark.	
8035	- Buoy 3	38-13-37.384N 122-58-30.217W				Green can.	
8060	- Daybeacon 5	38-12-49.846N 122-57-35.379W				SG on pile.	
8065	Hog Island Daybeacon	38-12-01.951N 122-56-36.536W				JG on pile.	
8070	- Daybeacon 7	38-11-44.458N 122-56-35.186W				SG on pile.	
8075	- Daybeacon 10	38-11-17.634N 122-55-51.039W				TR on pile.	
	ELK TO FORT BRAGG (Chart 18626)						
	Albion River						
8080	- LIGHT 1	39-13-41.400N 123-46-26.604W	Q G	35	3	SG on tower.	HORN: 1 blast ev 30s (3s bl) Operates by keying microphone five times on VHF-FM Chan. 81A
	ANACAPA PASSAGE (Chart 18729)						
	ELK TO FORT BRAGG (Chart 18626)						
	Noyo River						
8085	- *Entrance Lighted Bell Buoy 2*	39-25-47.026N 123-49-21.048W	Fl R 2.5s		3	Red.	
8090	- *Entrance Lighted Buoy 3*	39-25-46.205N 123-49-01.637W	Fl G 2.5s		3	Green.	
8095	- ENTRANCE LIGHT 4	39-25-38.906N 123-48-36.056W	Fl R 4s	17	4	TR on pile.	
8100	- ENTRANCE LIGHT 5	39-25-41.190N 123-48-37.266W	Oc G 4s	28	4	SG on pile.	
8101	**- Sound Signal**	39-25-41.190N 123-48-37.266W				On pile.	HORN: 1 blast ev 30s (3s bl).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ANACAPA PASSAGE (Chart 18729)				
	ELK TO FORT BRAGG (Chart 18626)						
	Noyo River						
8105	- DIRECTIONAL LIGHT	39-25-38.236N 123-48-27.176W	F W R G	15	1	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	39-25-38.293N 123-48-21.914W	Fl R 4s	15	4	TR on pile.	
8115	- LIGHT 9	39-25-39.652N 123-48-20.374W	Fl G 2.5s	15	3	SG on post.	
8116	- ENTRANCE SMALL BOAT WARNING LIGHT	39-25-39.644N 123-48-20.228W	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	39-25-37.002N 123-48-20.431W	Fl R 2.5s	15	4	TR on pile.	
8125	- LIGHT 12	39-25-26.310N 123-48-08.580W	Fl R 4s	5	3	TR on pile.	
			CALIFORNIA - Eleventh District				
	HUMBOLDT BAY (Chart 18622)						
	Humboldt Bay						
8130 490	- *Entrance Lighted Whistle Buoy HB*	40-46-24.073N 124-16-13.558W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
8135	- Lighted Bell Buoy 2	40-46-00.643N 124-14-59.260W	Fl R 4s		3	Red.	
8136	- ENTRANCE SMALL BOAT WARNING SIGN LIGHT Located at CG station.	40-45-58.878N 124-13-01.800W	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	40-45-52.620N 124-13-53.340W	Q W	35		KRW on tower.	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 167 yards, 105° from front light.	40-45-51.540N 124-13-47.700W	Oc W 4s	55		KRW on pile.	Visible 4° each side of the rangeline. Lighted throughout 24 hours.
8150	- ENTRANCE LIGHT 3	40-46-07.890N 124-14-19.552W	Fl G 2.5s	37	4	SG on pile, NL labeled NORTH.	
8155	- ENTRANCE LIGHT 4	40-45-52.560N 124-14-37.740W	Fl R 2.5s	57	4	TR on pile, NL labeled SOUTH.	HORN: 1 blast ev 10s (1s bl), operates continuously.
8160 495	**- Light**	40-45-51.391N 124-13-47.730W	Fl W 5s	100	16	On white column. 100	Light obscured from 028° to 200°. Emergency light of reduced intensity when main light is extinguished.
8165	- ENTRANCE RANGE FRONT LIGHT	40-45-05.479N 124-13-35.545W	Q G	20		KRW on pile.	Visible 1.5° each side of the rangeline. Lighted throughout 24 hours.
8170	- ENTRANCE RANGE REAR LIGHT 268 yards, 142° from front light.	40-44-59.344N 124-13-28.885W	Oc G 4s	38		KRW on pile.	Visible 1.5° each side of the rangeline. Lighted throughout 24 hours.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	HUMBOLDT BAY (Chart 18622)						
	Humboldt Bay						
8175	- *Lighted Bell Buoy 5*	40-45-25.146N 124-13-49.878W	Fl G 4s		4		
8180	- LIGHT 6	40-45-23.742N 124-14-04.096W	Fl R 4s	30	3	TR on pile.	
8185	- *Lighted Bell Buoy 7*	40-45-21.024N 124-13-38.245W	Fl G 4s		4	Green.	
8190	- *Lighted Bell Buoy 8*	40-45-08.653N 124-13-30.223W	Q R		3	Red.	
8195	- *Lighted Buoy 9*	40-45-25.657N 124-13-25.076W	Fl G 2.5s		3	Green.	
8200	- *Lighted Buoy 10*	40-45-30.584N 124-13-10.225W	Fl R 4s		3	Red.	
8205	- LIGHT 11	40-45-35.492N 124-13-16.415W	Fl G 4s	35	4	SG on pile.	
8210	- LIGHT 12	40-45-54.186N 124-12-51.918W	Fl R 6s	15	4	TR on pile.	Ra ref.
8216	- LIGHT 13	40-46-03.824N 124-12-55.065W	Fl G 6s	15	4	SG on pile.	Ra ref.
8220	- LIGHT 14	40-46-05.586N 124-12-38.696W	Fl R 2.5s	15	3	TR on pile.	Ra ref.
8225	- *Lighted Buoy 15*	40-46-28.412N 124-12-13.440W	Fl G 4s		4	Green.	
8230	- LIGHT 16	40-46-24.509N 124-12-07.573W	Fl R 4s	15	4	TR on pile.	
8235	- *Lighted Buoy 17*	40-46-45.430N 124-11-55.875W	Fl G 2.5s		3	Green.	
8237	DEL NORTE STREET PIER LIGHT A	40-47-26.000N 124-11-20.000W	Fl R 4s	10		On post.	Private aid.
8245	SAMOA CHANNEL LIGHT 2	40-48-07.871N 124-11-10.639W	Fl R 2.5s	15	3	TR on pile.	Ra ref.
8250	SAMOA CHANNEL LIGHT 3	40-48-33.245N 124-11-06.265W	Fl G 4s	15	4	SG on pile.	Ra ref.
8255	SAMOA CHANNEL LIGHT 4	40-48-50.160N 124-10-46.086W	Fl R 4s	15	3	TR on pile.	Ra ref.
8260	SAMOA TURNING BASIN LIGHT 6	40-49-00.889N 124-10-29.579W	Fl R 2.5s	15	3	TR on pile.	
8265	- LIGHT 19	40-48-13.410N 124-10-58.032W	Fl G 4s	15	4	SG on pile.	Ra ref.
8270	- LIGHT 21	40-48-26.130N 124-10-09.912W	Fl G 2.5s	15	3	SG on pile.	Ra ref.
8275	WOODLEY ISLAND MARINA LIGHT	40-48-25.230N 124-10-00.220W	Fl G 4s			SG on pile.	Private aid.
	Hookton Channel						
8280	- *Lighted Buoy 1*	40-44-53.778N 124-13-20.820W	Fl G 4s		4	Green.	
8285	- LIGHT 2	40-44-56.676N 124-13-28.200W	Fl R 4s	15	3	TR on pile.	Ra ref.
8290	- LIGHT 3	40-44-38.466N 124-13-28.164W	Fl G 2.5s	15	4	SG on pile.	Ra ref.
8295	- RANGE FRONT LIGHT 4	40-44-32.945N 124-13-37.437W	Q R	20		KRW and TR on pile.	Visible all around; higher intensity on the rangeline.
8300	- RANGE REAR LIGHT 100 yards, 327° from front light.	40-44-35.501N 124-13-39.667W	Iso R 6s	30		KRW on pile.	Visible all around; higher intensity on the rangeline.
8305	- LIGHT 5	40-44-32.472N 124-13-30.198W	Fl G 4s	15	4	SG on pile	
8310	- LIGHT 6	40-44-24.660N 124-13-33.834W	Fl R 2.5s	15	3	TR on pile.	
8315	- LIGHT 7	40-44-26.256N 124-13-28.536W	Fl G 4s	15	4	SG on pile.	Ra ref.
8320	- LIGHT 8	40-44-15.552N 124-13-25.254W	Fl R 6s	15	4	TR on pile.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
	HUMBOLDT BAY (Chart 18622)						
	Hookton Channel						
8325	PACIFIC GAS AND ELECTRIC DIKE LIGHT	40-44-10.454N 124-13-12.219W	Fl W 4s	18		Dolphin.	Private aid.
8330	- LIGHT 10	40-44-01.512N 124-13-14.028W	Fl R 4s	15	3	TR on pile.	Ra ref.
8335	- Daybeacon 9	40-44-04.289N 124-13-08.824W				SG on pile.	
8340	- LIGHT 12	40-43-52.074N 124-13-13.956W	Fl R 2.5s	15	3	TR on pile.	
8345	- LIGHT 13	40-43-34.788N 124-13-19.398W	Fl G 2.5s	15	3	SG on pile	
8350	- LIGHT 14	40-43-19.842N 124-13-34.218W	Fl R 4s	15	3	TR on pile.	Ra ref.
	ST. GEORGE REEF AND CRESCENT CITY HARBOR (Chart 18603)						
	Crescent City Harbor						
8355	- Buoy 1	41-44-13.414N 124-12-49.291W				Green can.	
8360 545	- *Lighted Whistle Buoy 2*	41-42-59.716N 124-11-47.898W	Fl R 6s		4	Red.	
8365	- *Lighted Whistle Buoy 4*	41-43-34.415N 124-11-19.288W	Fl R 4s		4	Red.	
8370 550	**Crescent City Entrance Light**	41-44-11.012N 124-11-27.683W	Fl W 5s	55	12	On post 55	HORN: 1 blast ev 10s (1s bl), operates continuously.
8375	- *Lighted Bell Buoy 6*	41-44-14.414N 124-11-19.288W	Fl R 2.5s		4	Red.	
8380	- *Lighted Buoy 7*	41-44-16.414N 124-11-23.288W	Fl G 2.5s		4	Green.	
8385	CRESCENT CITY INNER BREAKWATER LIGHT 8	41-44-36.491N 124-11-17.826W	Fl R 4s	30	5	TR on pile.	
8386	- LIGHT 9	41-44-41.300N 124-11-12.800W	Fl G 2.5s	15	3	SG on pile.	
8387	- LIGHT 10	41-44-39.200N 124-11-08.700W	Fl R 2.5s	15	3	TR on pile.	
8388	- LIGHT 11	41-44-43.900N 124-11-06.800W	Fl G 4s	15	4	SG on pile.	
8390	- RANGE FRONT LIGHT	41-44-59.767N 124-11-21.130W	Fl G 2.5s	25		KRW on pile.	Visible 4° each side of the rangeline.
8395	- RANGE REAR LIGHT 79 yards, 001° from front light.	41-45-02.107N 124-11-21.133W	Oc G 4s	38		KRW on pile.	Visible 4° each side of the rangeline.
			LAKE TAHOE - Eleventh District				
	LAKE TAHOE (Chart 18665)						
8403	LAKE TAHOE LONG PIER LIGHT	39-09-04.000N 120-08-25.000W	Fl R 6s	30		On post.	Private aid.
8405	SUGAR PINE POINT LIGHT	39-03-40.518N 120-06-50.142W	Fl W 4s	15	8	NR on tower.	
	Lake Tahoe						
8410	- Buoy A	39-13-10.622N 120-00-14.805W				White can with orange bands.	
8415	- *Lighted Danger Buoy B*	39-13-03.335N 120-00-36.230W	Fl W 2.5s		3	White with orange bands.	
8420	- Buoy C	39-13-13.278N 120-00-43.109W				White can with orange bands.	
8425	- Buoy D	39-14-01.876N 120-02-20.524W				White can with orange bands.	
8430	- Buoy E	39-12-24.078N 120-05-18.240W				White can with orange bands.	
8435	- *Lighted Danger Buoy G*	39-11-04.616N 120-05-31.194W	Fl W 4s		3	White with orange bands.	
8436	- Buoy H	39-10-39.854N 120-06-10.412W				White can with orange bands.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE TAHOE - Eleventh District				
	LAKE TAHOE (Chart 18665)						
	Lake Tahoe						
8440	- Buoy I	39-10-32.540N 120-06-52.139W				White can with orange bands.	
8442	- Buoy J	39-10-06.175N 120-08-06.995W				White can with orange bands.	
8445	- Buoy K	39-02-42.930N 120-06-32.496W				White can with orange bands.	
8450	- Buoy L	39-02-35.627N 120-06-53.197W				White can with orange bands.	
8455	- Buoy M	39-01-12.034N 120-06-50.005W				White can with orange bands.	
8460	- Buoy N	39-00-42.621N 120-06-31.160W				White can with orange bands.	
8462	- Buoy 0	38-56-42.880N 120-00-46.884W				White can with orange bands.	
8464	*Emerald Bay Entrance Lighted Buoy 1*	38-57-53.300N 120-04-53.973W	Fl G 4s		3	Green.	
8465	*Emerald Bay Entrance Lighted Buoy 2*	38-57-54.023N 120-04-55.683W	Fl R 2.5s		3	Red.	
8470	Emerald Bay Entrance Buoy 3	38-57-50.653N 120-04-55.764W				Green can.	
8475	Emerald Bay Entrance Buoy 4	38-57-52.115N 120-04-58.365W				Red nun.	
8480	- Buoy P	38-57-14.508N 119-59-09.613W				White can with orange bands.	
8485	- *Lighted Danger Buoy Q*	39-00-50.274N 119-57-33.409W	Fl W 4s		3	White with orange bands.	
8486	- Buoy R	39-01-58.471N 119-57-12.571W				White can with orange bands.	
8488	- Buoy S	39-02-17.099N 119-57-13.130W				White can with orange bands.	
8490	- Buoy T	39-02-29.699N 119-57-07.790W				White can with orange bands.	
8495	- Buoy U	39-04-02.795N 119-56-57.566W				White can with orange bands	
8500	- Buoy V	39-04-14.567N 119-57-01.658W				White can with orange bands.	
8505	- Buoy W	39-04-22.078N 119-57-01.004W				White can with orange bands.	
8510	- Buoy X	39-08-44.668N 119-56-27.667W				White can with orange bands.	
8512	- Buoy Y	39-09-54.818N 119-56-07.695W				White can with orange bands.	
8515	- Buoy Z	39-11-40.142N 119-56-12.651W				White can with orange bands.	
8520	- *Lighted Danger Buoy AA*	39-11-51.168N 119-56-12.672W	Fl W 6s		3	White with orange bands.	
8525	- Buoy AB	39-12-05.168N 119-56-01.872W				White can with orange bands.	
8530	- Restricted Area Daybeacon A	38-56-41.597N 120-04-09.079W				NW on white pile.	
8535	- Restricted Area Daybeacon B	38-56-36.308N 120-03-50.322W				NW on white pile.	
8540	- Restricted Area Daybeacon C	38-56-30.913N 120-03-35.535W				NW on white pile.	
8545	- Restricted Area Daybeacon D	38-56-31.758N 120-03-22.703W				NW on white pile.	
8550	- Restricted Area Daybeacon E	38-56-32.434N 120-03-12.971W				NW on white pile.	
8555	- Restricted Area Daybeacon F	38-56-27.136N 120-02-50.841W				NW on white pile.	
8560	- Restricted Area Daybeacon G	38-56-18.810N 120-02-02.801W				NW on white pile.	
8565	- Restricted Area Daybeacon H	38-56-17.271N 120-01-45.435W				NW on white pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			LAKE TAHOE - Eleventh District				
	LAKE TAHOE (Chart 18665)						
	Lake Tahoe						
8570	- Restricted Area Daybeacon I	38-56-16.360N 120-01-27.741W				NW on white pile.	
8575	- Restricted Area Daybeacon J	38-56-15.171N 120-01-09.993W				NW on white pile.	
8590	- Restricted Area Daybeacon M	38-58-54.911N 119-57-22.790W				NW on white pile.	
8591	- *NASA-JPL Lighted Research Buoy TB3*	39-06-36.700N 120-04-31.300W	Fl Y 4s				Private aid.
8591.1	- *NASA-JPL Lighted Research Buoy TB2*	39-06-33.700N 120-00-38.700W	Fl Y 4s				Private aid.
8591.2	- *NASA-JPL Lighted Research Buoy TB1*	39-09-10.800N 120-00-01.200W	Fl Y 4s				Private aid.
8591.3	- *NASA-JPL Lighted Research Buoy TB4*	39-09-18.000N 120-04-19.800W	Fl Y 4s				Private aid.
8591.4	- *UC Davis Lighted Research Buoy TDR1*	39-02-28.800N 120-04-48.600W	Fl Y 4s				Private aid.
8591.5	- *UC Davis Lighted Research Buoy TDR2*	38-59-22.800N 120-03-03.000W	Fl Y 4s				Private aid.
			OREGON - Thirteenth District				
	PYRAMID POINT TO CAPE SEBASTIAN (Chart 18602)						
	Chetco River						
8595 565	- *Approach Lighted Whistle Buoy CR*	42-01-40.233N 124-17-01.746W	Mo (A) W		5	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*	42-02-05.127N 124-16-36.544W	Fl R 4s		3	Red.	
8610	- ENTRANCE RANGE FRONT LIGHT	42-02-54.130N 124-16-04.738W	Q R	38		KRB on skeleton tower.	Visible 4° each side of rangeline.
8615	- ENTRANCE RANGE REAR LIGHT 245 yards, 029.9° from front light.	42-03-00.408N 124-15-59.872W	Iso R 6s	59		KRB on skeleton tower.	Visible 4° each side of rangeline.
8625	- ENTRANCE LIGHT 5	42-02-35.610N 124-16-20.952W	Fl G 4s	23	3	Green pile structure.	Due to weather conditions the dayboards have been removed from this aid.
8627	**- Sound Signal**	42-02-39.600N 124-16-13.200W					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)	42-02-49.400N 124-16-07.300W	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 Daybeacon 9	42-02-45.662N 124-16-12.970W				SG on pile.	
8640	- ENTRANCE LIGHT 11	42-02-51.380N 124-16-09.120W	Q G	16	4	SG on pedestal structure.	
	CAPE SEBASTIAN TO HUMBUG MOUNTAIN (Chart 18601)						
	Rogue River						
8650 575	- *Approach Lighted Whistle Buoy R*	42-23-37.546N 124-28-35.402W	Mo (A) W		5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
8655	- Entrance Buoy 1	42-24-45.992N 124-26-41.622W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteenth District				
	CAPE SEBASTIAN TO HUMBUG MOUNTAIN (Chart 18601)						
	Rogue River						
8660	- NORTH JETTY LIGHT 3	42-25-13.781N 124-25-58.708W	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	42-25-34.232N 124-25-28.981W				NW worded DANGER ROCK.	Maintained from May 20 to Oct. 1.
8665	- Buoy 5	42-25-31.756N 124-25-21.254W				Green can.	Maintained from May 20 to Oct. 1.
8670	- REGULATED NAVIGATION AREA WARNING SIGN (2)	42-25-35.760N 124-25-29.022W	Q Y			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 from May 20 to Oct. 1.
8672	Port of Gold Beach Channel Buoys (8)	42-25-25.000N 124-25-10.000W				Red or green drums.	Private aid.
	COQUILLE RIVER ENTRANCE (Chart 18588)						
	Coquille River						
8675 600	- *Entrance Lighted Whistle Buoy 2*	43-08-07.744N 124-27-50.660W	Fl R 4s		5	Red.	
8680	- *Entrance Lighted Buoy 4*	43-07-41.482N 124-27-03.730W	Fl R 6s		3	Red.	
8690	- ENTRANCE RANGE FRONT LIGHT	43-07-15.014N 124-24-44.803W	Q W	20		KRB on skeleton tower.	Visible 10° each side of rangeline.
8695	- ENTRANCE RANGE REAR LIGHT 303 yards, 101.9° from front light.	43-07-13.167N 124-24-32.765W	Iso W 6s	44		KRB on skeleton tower.	Visible 14° each side of rangeline.
8700	- SOUTH JETTY LIGHT 8	43-07-21.992N 124-25-47.296W	Fl R 4s	30	5	TR on white masonry building.	HORN: 1 blast ev 30s (3s bl). Operates continuously.
8705	- REGULATED NAVIGATION AREA WARNING SIGN (2)	43-07-14.832N 124-25-02.826W	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 from May 20 to Oct. 1.
8710	- Rock Buoy 11	43-07-20.466N 124-25-06.218W				Green can.	Maintained from May 20 to Oct. 1.
8719	- Dike Buoy 13	43-07-18.221N 124-24-57.449W				Green can.	Maintained from May 20 to Oct. 1.
8720	- LIGHT 14	43-07-16.680N 124-24-41.940W	Fl R 4s	15	3	TR on breakwater.	
8725	- Buoy 15	43-07-19.626N 124-24-42.315W				Green can.	Maintained from May 20 to Oct. 1.
8728 613	*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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteenth District				
	COOS BAY (Chart 18587)						
	Coos Bay						
8730 615	- *Approach Lighted Whistle Buoy K*	43-22-14.975N 124-23-05.493W	Mo (A) W		5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
8735	- *Entrance Lighted Bell Buoy 1*	43-21-51.590N 124-21-47.877W	Fl G 2.5s		3	Green.	
8740	- ENTRANCE RANGE FRONT LIGHT	43-20-58.530N 124-19-31.668W	Q R	25		KRB on dolphin. 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 890 yards, 116° from front light.	43-20-47.039N 124-18-59.140W	Iso R 6s	38		KRB on skeleton tower.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
8750	- *Entrance Lighted Buoy 2*	43-21-26.400N 124-21-03.300W	Fl R 4s		3	Red.	
8755	- *North Jetty Lighted Whistle Buoy 3*	43-21-43.053N 124-21-18.539W	Fl G 4s		3	Green.	
8760	- NORTH JETTY LIGHT 3A	43-21-30.276N 124-20-39.168W	Fl G 2.5s	23	3	Green pile structure.	Due to weather conditions the dayboards have been removed from this aid.
8762	**- North Jetty Sound Signal**	43-21-30.647N 124-20-40.855W					HORN: 1 blast ev 30s (3s bl). Sound signal sounded continuously from May 20 to Oct. 1.
8765	*Guano Rock Lighted Whistle Buoy 4*	43-21-14.895N 124-20-25.711W	Fl R 4s		3	Red.	
8775	- *Channel Lighted Bell Buoy 5*	43-21-15.400N 124-20-05.422W	Q G		3	Green.	
8780	- *Channel Lighted Buoy 5A*	43-21-16.858N 124-19-35.683W	Fl G 4s		3	Green.	
8785	- INSIDE RANGE A FRONT LIGHT	43-20-58.568N 124-19-31.605W	Q R	32		KRB on dolphin. On same structure as Coos Bay Entrance Range Front Light.	Visible 10° each side of rangeline.
8790	- INSIDE RANGE A REAR LIGHT 184 yards, 203.3° from front light.	43-20-53.578N 124-19-34.559W	Iso R 6s	50		KRB on pile structure.	Visible 14° each side of rangeline.
8792	- *Channel Lighted Buoy 6*	43-21-03.888N 124-19-52.081W	Fl R 2.5s		3	Red.	
8794	- *Channel Lighted Buoy 6A*	43-21-12.975N 124-19-21.950W	Q R		3	Red.	
8800	- CHANNEL LIGHT 7	43-21-29.904N 124-19-18.348W	Fl G 6s	16	4	SG on pile structure.	
8805	- INSIDE RANGE B FRONT LIGHT	43-22-08.151N 124-18-50.420W	Q W	20		KRB on pile structure.	Visible 4° each side of rangeline.
8810	- INSIDE RANGE B REAR LIGHT 194 yards, 021.9° from front light.	43-22-13.481N 124-18-47.470W	Iso W 6s	36		KRB on skeleton tower on pile structure.	Visible 5.5° each side of rangeline.
8815	- RANGE A FRONT LIGHT	43-21-40.055N 124-19-13.951W	Q W	24		KRB on pile structure	Visible 4° each side of rangeline.
8820	- RANGE A REAR LIGHT 328 yards, 223.8° from front light.	43-21-33.052N 124-19-23.176W	Iso W 6s	37		KRB on tower on pile structure.	Visible 5.5° each side of rangeline.
8825	- *Channel Lighted Buoy 8*	43-21-42.056N 124-19-03.091W	Fl R 6s		3	Red.	
8830	- *Channel Lighted Buoy 10*	43-21-54.001N 124-18-51.820W	Fl R 4s		3	Red.	
8831	- *Channel Lighted Buoy 10A*	43-22-12.279N 124-18-28.228W	Fl R 4s		3	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteenth District				
	COOS BAY (Chart 18587)						
	Coos Bay						
8835	- *Channel Lighted Buoy 11*	43-22-37.695N 124-18-03.010W	Fl G 4s		3	Green.	
8840	- *Channel Lighted Buoy 12*	43-22-58.222N 124-17-28.238W	Q R		3	Red.	
8845	- RANGE B FRONT LIGHT	43-23-16.617N 124-17-07.150W	Q R	21		KRB on pile structure.	Visible 1.5° each side of rangeline.
8850	- RANGE B REAR LIGHT 480 yards, 043.8° from front light.	43-23-26.814N 124-16-53.662W	Iso R 6s	39		KRB on skeleton tower on structure. On same structure as Jarvis Lower Range A Rear Light.	Visible 1.5° each side of rangeline.
	Empire Range						
8855	- A FRONT LIGHT	43-22-30.212N 124-17-48.928W	Q R	19		KRB on pile structure.	Visible 1.5° each side of rangeline.
8860	- A REAR LIGHT 283 yards, 204.8° from front light.	43-22-22.741N 124-17-53.688W	Iso R 6s	35		KRB on skeleton tower on pile structure.	Visible 1.5° each side of rangeline.
8865	- B FRONT LIGHT	43-24-49.204N 124-16-20.807W	Q R	27		KRB on dolphin.	Visible 4° each side of rangeline.
8870	- B REAR LIGHT 517 yards, 024.9° from front light.	43-25-03.088N 124-16-11.923W	Iso R 6s	44		KRB on dolphin.	Visible 4° each side of rangeline.
	Coos Bay						
8875	- *Channel Lighted Buoy 14*	43-23-31.063N 124-17-06.557W	Fl R 6s		3	Red.	
8890	- *Channel Lighted Buoy 15*	43-23-57.603N 124-16-58.418W	Fl G 6s		3	Green.	
8905	- *Channel Lighted Buoy 16*	43-24-01.683N 124-16-44.877W	Fl R 4s		3	Red.	
8910	JARVIS LOWER RANGE A FRONT LIGHT	43-23-34.403N 124-16-52.417W	Q R	23		KRB on pile structure.	Visible 4° each side of rangeline.
8915	JARVIS LOWER RANGE A REAR LIGHT 285 yards, 188.5° from front light.	43-23-26.517N 124-16-54.220W	Iso R 6s	38		KRB on skeleton tower pile structure. On same structure as Coos Bay Range B Rear Light.	Visible 4° each side of rangeline.
8917	*Sause Brothers Lighted Mooring Buoy SB*	43-24-12.000N 124-16-30.000W	Fl Y 4s			White with blue bands.	Private aid.
8920	- LIGHT 17	43-24-16.134N 124-16-49.968W	Fl G 4s	17	4	SG on dolphin.	
8925	JARVIS LOWER RANGE B FRONT LIGHT	43-25-07.812N 124-16-32.719W	Q R	18		KRB on dolphin.	Visible 4° each side of rangeline.
8930	JARVIS LOWER RANGE B REAR LIGHT 285 yards, 009° from front light.	43-25-16.244N 124-16-30.962W	Iso R 6s	32		KRB on tower. On same structure as Jarvis Upper Range A Rear Light.	Visible 4° each side of rangeline.
8935	- *Channel Lighted Buoy 18*	43-24-46.464N 124-16-33.657W	Q R		3	Red.	
8940	JARVIS DIKE LIGHT 19	43-25-01.303N 124-16-35.923W	Fl G 4s	15	4	SG on dolphin.	
8942	- *Channel Lighted Buoy 20*	43-24-59.523N 124-16-23.209W	Fl R 4s		3	Red.	
8945	JARVIS UPPER RANGE A FRONT LIGHT	43-25-17.955N 124-16-18.539W	Q R	15		KRB on dolphin.	Visible 1.5° each side of rangeline.
8950	JARVIS UPPER RANGE A REAR LIGHT 300 yards, 259° from front light.	43-25-16.244N 124-16-30.962W	Iso R 6s	32		KRB on tower. On same structure as Jarvis Lower Range B Rear Light.	Visible 1.5° each side of rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteenth District				
	COOS BAY (Chart 18587)						
	Coos Bay						
8951	- *Channel Lighted Buoy 21*	43-25-11.936N 124-16-23.499W	Fl G 4s		3	Green.	
8952	- *Channel Lighted Buoy 22*	43-25-11.470N 124-16-09.371W	Fl R 2.5s		3	Red.	
8955	- *Channel Lighted Buoy 23*	43-25-22.767N 124-16-00.349W	Fl G 2.5s		3	Green.	
8960	JARVIS UPPER RANGE B FRONT LIGHT	43-25-41.925N 124-13-22.770W	Q W	15		KRB on pile structure.	Visible 5.5° each side of rangeline.
8965	JARVIS UPPER RANGE B REAR LIGHT 405 yards, 079° from front light.	43-25-44.140N 124-13-06.437W	Iso W 6s	32		KRB on tower on dolphin.	Visible 5.5° each side of rangeline.
8970	NORTH BEND OUTFALL LIGHT	43-25-12.000N 124-15-36.000W	Fl 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	Fl Y 4s			On dolphin.	Private aid.
8976	DOUGLAS FIR DOCK LIGHT B	43-25-29.460N 124-15-31.020W	Fl Y 4s			On pier.	Private aid.
8977	DOUGLAS FIR DOCK LIGHT C	43-25-29.880N 124-15-26.160W	Fl Y 4s			On pier.	Private aid.
8978	DOUGLAS FIR DOCK LIGHT D	43-25-31.200N 124-15-17.640W	Fl Y 4s			On pier.	Private aid.
8985	- CHANNEL LIGHT 25 150 feet outside channel limit.	43-25-33.395N 124-15-01.995W	Fl G 4s	15	4	SG on dolphin.	
8990	- Channel Buoy 27	43-25-36.037N 124-14-31.060W				Green can.	
9000	- CHANNEL LIGHT 28 75 feet outside channel limit.	43-25-34.357N 124-13-43.423W	Fl R 4s	15	3	TR on dolphin.	
9005	- *Channel Lighted Buoy 29*	43-25-43.089N 124-13-38.515W	Q G		3	Green.	
9010	NORTH BEND LOWER RANGE FRONT LIGHT	43-25-29.813N 124-13-01.408W	Q G	22		KRB on dolphin.	Visible all around; higher intensity on rangeline.
9015	NORTH BEND LOWER RANGE REAR LIGHT 158 yards, 112.3° from front light.	43-25-28.030N 124-12-55.436W	Iso G 6s	36		KRB on skeleton tower on pile structure. On same structure as North Bend Range Rear Light.	Visible all around; higher intensity on rangeline.
9020	NORTH BEND RANGE FRONT LIGHT	43-25-23.153N 124-12-56.494W	Q G	25		KRB on pile structure.	Visible all around; higher intensity on rangeline.
9025	NORTH BEND RANGE REAR LIGHT 166 yards, 008.5° from front light.	43-25-28.025N 124-12-55.488W	Iso G 6s	35		KRB on skeleton tower on pile structure. On same structure as North Bend Lower Range Rear Light.	Visible all around; higher intensity on rangeline.
9030	- CHANNEL LIGHT 35	43-24-35.405N 124-13-04.408W	Fl G 2.5s	16	4	SG on dolphin.	
9035	- CHANNEL LIGHT 36	43-24-29.528N 124-13-13.050W	Fl R 4s	23	4	TR on skeleton tower on pile structure.	
9040	NORTH BEND UPPER RANGE FRONT LIGHT	43-23-35.403N 124-12-52.406W	Q G	16		KRB on tower.	Visible 4° each side of rangeline.
9045	NORTH BEND UPPER RANGE REAR LIGHT 233 yards, 163° from front light.	43-23-23.403N 124-12-46.405W	Iso G 6s	30		KRB on tower on pile structure.	Visible 4° each side of rangeline.
9050	FERNDALE LOWER RANGE FRONT LIGHT	43-24-03.704N 124-12-51.007W	Q W	16		KRB on dolphin.	Visible 14° each side of rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteenth District				
	COOS BAY (Chart 18587)						
	Coos Bay						
9055	FERNDALE LOWER RANGE REAR LIGHT 323 yards, 013° from front light.	43-24-12.183N 124-12-49.472W	Iso W 6s	33		KRB on dolphin.	Visible 14° each side of rangeline.
9060	- CHANNEL LIGHT 37	43-22-59.403N 124-13-04.406W	Fl G 2.5s	16	4	SG on dolphin.	
9065	FERNDALE UPPER RANGE FRONT LIGHT	43-22-22.339N 124-12-25.841W	Q G	12		KRB on dolphin.	Visible all around; higher intensity on rangeline.
9070	FERNDALE UPPER RANGE REAR LIGHT 200.8 yards, 140.2° from front light.	43-22-17.402N 124-12-22.403W	Iso G 6s	34		KRB on skeleton tower.	Visible 4° each side of rangeline.
9075	MARSHFIELD RANGE FRONT LIGHT	43-22-34.740N 124-12-25.734W	Q G	14		KRB on tower.	Visible all around.
9080	MARSHFIELD RANGE REAR LIGHT 237 yards, 018.5° from front light.	43-22-41.412N 124-12-22.620W	Iso G 6s	36		KRB on tower.	Visible all around.
9085	ISTHMUS SLOUGH LIGHT 43	43-21-51.224N 124-12-31.333W	Fl G 4s	15	4	SG on dolphin.	
	Coos River						
9090	MARSHFIELD CHANNEL RANGE FRONT LIGHT	43-22-27.896N 124-10-54.703W	Q R	20		KRB on dolphin.	Visible all around.
9095	MARSHFIELD CHANNEL RANGE REAR LIGHT 492 yards, 090.2° from front light.	43-22-27.857N 124-10-34.675W	Iso W 6s	29		KRB on skeleton tower.	Visible all around.
9101	- ENTRANCE LIGHT 1	43-22-30.690N 124-11-15.132W	Fl G 4s	14	4	SG on pile.	
9105	- Channel Buoy 3	43-22-36.064N 124-10-44.307W				Green can.	Position frequently shifted with changing conditions.
9120	- CHANNEL LIGHT 8	43-22-09.495N 124-10-39.802W	Fl R 4s	14	3	TR on dolphin.	
	South Slough						
9135	- LIGHT 1	43-21-18.084N 124-19-07.080W	Fl G 2.5s	17	3	SG on pile structure.	Ra ref.
9140	- *Lighted Buoy 2*	43-21-17.733N 124-19-11.520W	Fl R 2.5s		3	Red.	
9145	- LIGHT 4 20 feet outside channel limit.	43-21-10.296N 124-19-07.506W	Fl R 4s	15	3	TR on dolphin.	Ra ref.
9150	- REGULATED NAVIGATION AREA WARNING SIGN	43-20-51.378N 124-19-16.116W	Q Y	10		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.
9155	- *Lighted Buoy 6* 50 feet outside channel limit.	43-21-02.794N 124-19-08.944W	Fl R 6s		3	Red.	Position frequently shifted with changing conditions.
9160	- Buoy 5	43-21-05.635N 124-19-04.372W				Green can.	Position frequently shifted with changing conditions.
9165	Adams Point Daybeacon	43-20-51.400N 124-19-13.419W				NB on pile.	
9168	- *Lighted Buoy 8*	43-20-52.626N 124-19-10.662W	Fl R 2.5s		4	Red.	Position frequently shifted with changing conditions.
9170	- LIGHT 9 50 feet outside channel limit.	43-20-47.435N 124-19-08.974W	Fl G 4s	16	4	SG on dolphin.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteenth District				
	COOS BAY (Chart 18587)						
	South Slough						
9175	- Daybeacon 10 50 feet outside channel limit.	43-20-37.086N 124-19-16.206W				TR on pile.	
	North Slough						
9185	- Channel Daybeacon 4	46-26-06.000N 124-14-00.000W				TR on pile.	Private aid.
	Haynes Inlet						
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.
	UMPQUA RIVER (Chart 18584)						
	Umpqua River						
9220 625	- *Approach Lighted Whistle Buoy U*	43-39-58.219N 124-14-25.424W	Mo (A) W		5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
9230	- Entrance Buoy 2	43-39-58.419N 124-13-31.543W				Red nun.	
9235	- BAR RANGE FRONT LIGHT	43-40-05.329N 124-12-08.278W	Q R	31		KRB on skeleton tower on pile structure.	Visible 1.5° each side of rangeline.
9240	- BAR RANGE REAR LIGHT 292 yards, 085.6° from front light.	43-40-05.999N 124-11-56.367W	Iso R 6s	54		KRB on skeleton tower on pile structure.	Visible 1.5° each side of rangeline.
9245	- SOUTH JETTY LIGHT 2A	43-39-57.792N 124-13-07.020W	Fl R 2.5s	15	3	Red pile structure.	Due to weather conditions, the dayboards have been permanently removed from this aid. Ra ref.
9247	**- South Jetty Sound Signal**	43-39-58.748N 124-13-09.760W					HORN: 1 blast ev 15s (2s bl). Maintained from May 20 to Oct 1.
9250	- REGULATED NAVIGATION AREA WARNING SIGN	43-40-11.010N 124-11-55.548W	Q Y	19		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.
9255	- LIGHT 6	43-40-10.998N 124-11-55.726W	Fl R 4s	24	4	TR on skeleton tower.	Higher intensity beam up and down channel. Ra ref.
9260 620	**- Light**	43-39-44.258N 124-11-54.719W	Al WR 15s 0.1s W fl 4.9s ec. 0.1s W fl 4.9s ec. 0.1s R fl 4.9s ec.	165	W 21 R 20	White conical tower. 67	Lighted throughout 24 hours.
9265	- CHANNEL RANGE FRONT LIGHT	43-41-20.510N 124-11-08.235W	Q W	20		KRB on pile structure.	Visible 10° each side of rangeline.
9270	- CHANNEL RANGE REAR LIGHT 400 yards, 026.6° from front light.	43-41-30.930N 124-11-01.015W	Iso W 6s	32		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
			OREGON - Thirteenth District				
	UMPQUA RIVER (Chart 18584)						
	Umpqua River						
9275	- LIGHT 6A	43-40-29.131N 124-11-37.853W	Fl R 6s	16	4	TR on pile.	Ra ref.
9280	- LIGHT 8	43-40-57.209N 124-11-12.485W	Fl R 2.5s	22	3	TR on pile structure.	
9285	Winchester Bay Harbor Entrance Daybeacon 1	43-41-00.507N 124-11-07.963W				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	43-41-09.030N 124-10-49.878W	Fl G 4s	15	3	SG on pile structure.	
9295	SALMON HARBOR ENTRANCE LIGHT 2	43-41-00.419N 124-10-12.412W	Fl R 4s	15	3	TR on pile.	
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	43-42-58.410N 124-09-11.208W	Fl R 4s	22	4	TR on pile structure.	
9305	BARRETTS RANGE FRONT LIGHT	43-43-53.422N 124-09-58.414W	Q W	18		KRB on pile structure.	Visible all around; higher intensity on rangeline.
9310	BARRETTS RANGE REAR LIGHT 270 yards, 330.5° from front light.	43-44-05.422N 124-10-10.414W	Iso W 6s	28		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
9315	- LIGHT 15	43-43-26.048N 124-09-46.669W	Fl G 4s	15	4	SG on pile.	
9320	- DIKE LIGHT 17	43-44-03.637N 124-09-52.595W	Fl G 4s	16	4	SG on pile.	
9321	- LIGHT 19	43-44-43.459N 124-09-07.649W	Fl G 6s	15	4	SG on pile.	
9325	- LIGHT 20	43-44-52.883N 124-08-21.170W	Fl R 6s	15	4	TR on pile.	
9335	- LIGHT 21	43-44-55.086N 124-07-54.048W	Fl G 2.5s	16	3	SG on pile structure.	Visible all around; higher intensity beam oriented up channel.
9340	- CHANNEL LIGHT 22	43-44-48.420N 124-07-58.819W	Fl R 6s	16	4	TR on pile.	Ra ref.
9345	- DIKE LIGHT 23	43-44-32.016N 124-07-46.518W	Fl G 4s	17	4	SG on pile structure.	
9346	LEEDS ISLAND RANGE FRONT LIGHT	43-43-20.469N 124-07-36.993W	Q W	15		KRB on pile structure.	Visible 4° each side of rangeline.
9347	LEEDS ISLAND RANGE REAR LIGHT 401 yards, 172.6° from front light.	43-43-08.705N 124-07-34.881W	Iso W 6s	30		KRB on skeleton tower on pile structure.	Visible 4° each side of rangeline.
9350	- DIKE LIGHT 24	43-44-06.534N 124-07-51.420W	Fl R 2.5s	16	3	TR on dolphin.	
9360	- LIGHT 26	43-43-22.206N 124-07-35.802W	Fl R 4s	15	3	TR on dolphin.	
9365	- Channel Daybeacon 28	43-43-02.421N 124-07-07.505W				TR on pile.	
9370	Scholfield Creek Channel Daybeacon 2	43-42-37.000N 124-06-24.000W				TR on pile.	Ra ref.
9375	Scholfield Creek Channel Daybeacon 3	43-42-36.000N 124-06-22.000W				SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteenth District				
	UMPQUA RIVER (Chart 18584)						
	Umpqua River						
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	43-42-22.602N 124-05-12.852W	Fl R 4s	16	3	TR on pile tower.	
	SIUSLAW RIVER (Chart 18583)						
	Siuslaw River						
9435 630	- *Approach Lighted Whistle Buoy S*	44-01-08.426N 124-09-38.647W	Mo (A) W		5	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	44-01-01.407N 124-07-49.603W	Q R	35		KRB on skeleton tower. On same structure as Siuslaw River Inner Range Rear Light.	Visible 4° each side of rangeline.
9445	- ENTRANCE RANGE REAR LIGHT 297 yards, 096° from front light.	44-01-00.790N 124-07-37.518W	Iso R 6s	53		KRB on skeleton tower.	Visible 4° each side of rangeline.
9451	- NORTH JETTY LIGHT 3	44-01-08.826N 124-08-46.452W	Fl G 2.5s	15	3	Green pile structure.	Due to weather conditions, the dayboards have been permanently removed from this aid.
9452	**- North Jetty Sound Signal**	44-01-08.700N 124-08-46.200W					Maintained from May 20 to Oct. 1. HORN: 1 blast ev 30s (3s bl).
9453	- Channel Buoy 4	44-00-59.055N 124-08-02.269W				Red nun.	Position frequently shifted with changing conditions.
9455	- REGULATED NAVIGATION AREA WARNING SIGN	44-01-06.858N 124-08-10.518W	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	44-01-00.937N 124-07-57.854W	Fl G 4s	15	4	SG on dolphin.	
9470	- INNER RANGE FRONT LIGHT	44-00-58.697N 124-07-49.693W	Q W	20		KRB on pile structure.	Visible all around; higher intensity on rangeline.
9475	- INNER RANGE REAR LIGHT 200 yards, 001° from front light.	44-01-01.407N 124-07-49.603W	Iso W 6s	35		KRB on skeleton tower. On same structure as Siuslaw River Entrance Range Front Light.	Visible 14° each side of rangeline.
9480	- Channel Buoy 6	44-00-55.701N 124-07-57.916W				Red nun.	Position shifted with changing conditions.
9485	- Channel Buoy 7	44-00-53.343N 124-07-49.963W				Green can.	
9490	- LIGHT 8	44-00-29.778N 124-07-51.246W	Fl R 4s	16	4	TR on pile.	
9495	- CHANNEL LIGHT 9 100 feet outside channel limit.	44-00-28.137N 124-07-46.133W	Fl G 4s	15	4	SG on pile.	Ra ref.
9501	- Channel Buoy 11	44-00-16.890N 124-07-37.248W				Green can.	
9505	- Channel Daybeacon 12	44-00-06.244N 124-07-29.930W				TR on pile.	Ra ref.
9510	- RANGE A FRONT LIGHT	44-00-06.318N 124-07-22.882W	Q W	25		KRB on pile structure.	Visible all around; higher intensity on rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteenth District				
	SIUSLAW RIVER (Chart 18583)						
	Siuslaw River						
9515	- RANGE A REAR LIGHT 101 yards, 349.4° from front light.	44-00-09.500N 124-07-23.200W	Iso W 6s	34		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
9520	- CHANNEL LIGHT 14	43-59-22.447N 124-07-15.719W	Fl R 4s		4	TR on pile.	
9535	- Dike Daybeacon 16 100 feet outside channel limit.	43-58-58.422N 124-07-34.992W				TR on pile.	Ra ref.
9536	- LIGHT 18	43-58-49.374N 124-07-37.524W	Fl R 4s	15	4	TR on pile.	
9540	- Dike Daybeacon 20 40 feet outside channel limit.	43-58-38.934N 124-07-37.596W				TR on pile.	Ra ref.
9545	- Dike Daybeacon 22 40 feet outside channel limit.	43-58-21.426N 124-07-29.856W				TR on pile.	Ra ref.
9550	- CHANNEL LIGHT 23	43-58-14.645N 124-07-14.900W	Fl G 4s	18	4	SG on pile.	
9555	- Channel Daybeacon 25 100 feet outside channel limit.	43-58-07.506N 124-07-05.802W				SG on pile.	Ra ref.
9560	- Channel Daybeacon 26 100 feet outside channel limit.	43-57-53.435N 124-06-16.426W				TR on pile.	Ra ref.
9565	- Channel Daybeacon 28 100 feet outside channel limit.	43-57-59.340N 124-06-04.278W				TR on pile.	Ra ref.
9570	- Channel Daybeacon 29	43-58-07.296N 124-04-54.186W				SG on pile.	Ra ref.
	APPROACHES TO YAQUINA AND DEPOE BAY (Chart 18561)						
	Yaquina Bay						
9575 645	- *Approach Lighted Whistle Buoy Y*	44-35-51.761N 124-06-46.811W	Mo (A) W		5	Red and white stripes.	
9580	- ENTRANCE RANGE FRONT LIGHT	44-37-08.039N 124-03-34.003W	Q R	25		KRB on pile structure. On same structure as Yaquina Bay Channel Light 8.	Visible 1.5° each side of rangeline.
9585	- ENTRANCE RANGE REAR LIGHT 400 yards, 060° from front light.	44-37-13.649N 124-03-20.015W	Iso R 6s	50		KRB on skeleton tower on pile structure.	Visible 1.5° each side of rangeline.
9590	- *Entrance Lighted Gong Buoy 1*	44-36-13.871N 124-06-03.359W	Fl G 2.5s		3	Green.	
9600	- *Entrance Lighted Buoy 3*	44-36-26.310N 124-05-27.408W	Fl G 4s		3	Green.	Maintained from May 1 to Oct. 1.
9605	- SOUTH JETTY LIGHT 4	44-36-33.714N 124-04-45.636W	Fl R 2.5s	20	3	Red pile structure.	Due to heavy weather conditions, the dayboards have been permanently removed from this aid.
9607	**- South Jetty Sound Signal**	44-36-31.622N 124-04-51.226W					HORN 1 blast ev 15s (2s bl). Operates continuously Maintained from May 20 to Oct. 1.
9610	- *Channel Lighted Buoy 7*	44-37-03.972N 124-03-51.184W	Fl G 2.5s		3	Green.	
9613	OLD YAQUINA BAY LIGHTHOUSE	44-37-24.000N 124-03-48.000W	F W	165		On white tower.	Private aid.
9615	- CHANNEL LIGHT 8	44-37-07.868N 124-03-34.096W	Fl R 4s	25	4	TR on pile. On same structure as Yaquina Bay Entrance Range Front Light.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteenth District				
	APPROACHES TO YAQUINA AND DEPOE BAY (Chart 18561)						
	Yaquina Bay						
9620	- INNER RANGE FRONT LIGHT	44-37-44.340N 124-02-58.941W	Q R	17		KRB on pile structure.	Visible 4° each side of rangeline.
9625	- INNER RANGE REAR LIGHT 133 yards, 040.8° from front light.	44-37-47.365N 124-02-55.396W	Iso R 6s	28		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
9630	- ENTRANCE REGULATED NAVIGATION AREA WARNING SIGN	44-37-34.422N 124-03-22.044W	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.
9635	SOUTHBEACH MARINA LIGHT 2	44-37-26.000N 124-03-15.000W	Fl R 4s	14	3	TR on pile.	
9640	Southbeach Marina Daybeacon 3	44-37-27.162N 124-03-12.133W				SG on pile.	
9644	- *Channel Lighted Buoy 9*	44-37-34.949N 124-03-14.923W	Fl G 2.5s		3	Green.	
9646	NOAA PIER LIGHT A	44-37-32.448N 124-03-05.254W	Fl Y 4s			Yellow.	Private aid.
9647	NOAA PIER LIGHT B	44-37-34.288N 124-02-58.575W	Fl Y 4s			Yellow.	Private aid.
9648	NOAA PIER LIGHT C	44-37-34.877N 124-02-55.078W	Fl Y 4s			Yellow.	Private aid.
9649	NOAA PIER LIGHT D	44-37-34.470N 124-02-47.888W	Fl Y 4s			Yellow.	Private aid.
9650	- *Channel Lighted Buoy 11*	44-37-40.352N 124-02-56.282W	Fl G 4s		3	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	44-37-48.060N 124-03-03.840W	Fl Y 4s	15	5	NY on pile.	
9665	- BOAT BASIN EAST LIGHT	44-37-42.347N 124-02-27.686W	Fl Y 6s	15	5	NY on pile.	
9670	- LIGHT 12 75 feet outside channel limit.	44-37-25.590N 124-02-23.796W	Fl R 2.5s	15	4	TR on multi-pile structure.	
9671	- Channel Daybeacon 12A	44-37-17.238N 124-02-03.978W				TR on multi-pile structure.	
9675	- LIGHT 14	44-36-53.890N 124-01-17.079W	Fl R 4s	15	4	TR on pile.	
	Yaquina River						
9680	- LIGHT 17	44-36-23.001N 124-00-37.681W	Fl G 4s	15	4	SG on pile.	
9690	- LIGHT 20	44-35-26.000N 124-01-21.000W	Fl R 4s	15	4	TR on dolphin.	
9695	- Daybeacon 21	44-35-11.425N 124-01-16.421W				SG on pile.	Ra ref.
9705	- LIGHT 22	44-35-03.582N 124-01-25.746W	Fl R 4s	16	3	TR on multi-pile structure.	
9707	- *Lighted Buoy WR 23*	44-35-04.368N 124-01-19.560W	Q G		3	Green.	
9710	- LIGHT 25	44-35-00.385N 124-00-44.450W	Fl G 4s	15	4	SG on concrete platform.	
9715	- Buoy 26	44-34-48.836N 124-00-10.778W				Red nun.	
9720	- Daybeacon 28	44-34-23.387N 123-59-02.608W				TR on pile.	Ra ref.
9730	- Buoy 30	44-34-17.987N 123-58-44.986W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteenth District				
	APPROACHES TO YAQUINA AND DEPOE BAY (Chart 18561)						
	Yaquina River						
9735	- Daybeacon 31	44-34-21.767N 123-58-06.197W				SG on pile.	Ra ref.
9740	- LIGHT 32	44-34-17.407N 123-58-00.519W	Fl R 4s	15	3	TR on dolphin.	
9742	- Buoy 34	44-34-40.135N 123-57-53.785W				Red nun.	
9745	- LIGHT 37	44-35-01.056N 123-57-49.878W	Fl G 4s	14	4	SG on pile.	
9750	- LIGHT 38	44-35-03.987N 123-57-29.185W	Fl R 2.5s	22	3	TR on pile.	
9755	- LIGHT 42	44-35-14.982N 123-56-40.620W	Fl R 4s	20	3	TR on pile.	
9760	- Daybeacon 43	44-35-22.087N 123-56-29.604W				SG on pile.	
9765	- LIGHT 44	44-35-29.226N 123-56-15.024W	Fl R 4s	20	4	TR on pile.	
9770	- Buoy 45	44-35-35.572N 123-56-15.339W				Green can.	
9775	- LIGHT 47	44-35-50.808N 123-56-24.366W	Fl G 4s	16	4	SG on pile.	
	Depoe Bay						
9780 655	- *Approach Lighted Whistle Buoy DB*	44-48-29.267N 124-05-18.810W	Mo (A) W		5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
9785	- *Entrance Lighted Bell Buoy 2*	44-48-27.503N 124-04-26.567W	Fl R 4s		3	Red.	
9790	**- Sound Signal**	44-48-32.358N 124-03-44.766W				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	44-48-33.599N 124-03-42.871W	Q R	42		KWR on skeleton tower.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
9800	- ENTRANCE RANGE REAR LIGHT 16 yards, 085.5° from front light.	44-48-33.900N 124-03-41.200W	Iso R 6s	54		KWR on skeleton tower.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
9805	- ENTRANCE REGULATED NAVIGATION AREA WARNING SIGN	44-48-36.096N 124-03-42.072W	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°.
	TILLAMOOK BAY (Chart 18558)						
	Tillamook Bay						
9810 680	- *Approach Lighted Whistle Buoy T*	45-33-03.967N 123-58-56.154W	Mo (A) W		5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
9815	- *Entrance Lighted Bell Buoy 1*	45-34-02.937N 123-58-17.034W	Q G		3	Green.	
9820	- NORTH JETTY LIGHT 3	45-34-13.706N 123-57-51.220W	Fl G 2.5s	26	3	Green pile structure.	Due to weather conditions the dayboards have been permanently removed from this aid.
9822	**- North Jetty Sound Signal**	45-34-14.100N 123-57-50.600W					HORN: 1 blast ev 30s (3s bl). Maintained from Jun 1 to Oct. 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OREGON - Thirteenth District						
	TILLAMOOK BAY (Chart 18558)						
	Tillamook Bay						
9830	- ENTRANCE LEADING LIGHT	45-34-05.569N 123-56-28.136W	Oc Y 4s	53		On skeleton tower.	Visible .5° each side of rangeline.
	Garibaldi Channel						
9835	- LIGHT 6	45-33-54.834N 123-56-53.700W	Fl R 4s	17	4	TR on steel pile.	
9837	- ENTRANCE REGULATED NAVIGATION AREA WARNING SIGN	45-34-13.000N 123-57-22.000W	Q Y			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.
9840	- LIGHT 10	45-33-27.732N 123-56-02.946W	Fl R 2.5s	16	3	TR on dolphin.	
9846	- LIGHT 11	45-33-16.169N 123-55-42.843W	Q G		3	SG on pile.	
9850	- LIGHT 12	45-33-11.682N 123-55-46.332W	Q R	15	3	TR on pile.	
9851	- LIGHT 13	45-33-15.252N 123-55-22.878W	Fl G 2.5s		4	SG on pile.	
9856	- LIGHT 14	45-33-10.992N 123-55-12.048W	Fl R 4s	17	3	TR on pile.	
	Tillamook Bay						
9865	- BOAT BASIN REGULATED NAVIGATION AREA WARNING SIGN	45-33-16.000N 123-55-08.000W	Q Y	12		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 234° to 333°.
9870	GARIBALDI LIGHT 19	45-33-13.206N 123-54-52.884W	Fl G 4s	15	5	SG on pile structure.	
	NEHALEM RIVER (Chart 18556)						
	Nehalem River						
9875 685	- Approach Whistle Buoy NR	45-39-17.098N 123-57-32.496W				Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
9880	- Entrance Range Front Daybeacon	45-39-36.000N 123-55-48.000W				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.	45-39-22.000N 123-55-46.000W				KRW on multi-pile structure.	Private aid.
	COLUMBIA RIVER - Thirteenth District						
	PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)						
	Columbia River						
	In the event of flood conditions in the Columbia River, aids to navigation may be temporarily discontinued, lights may be extinguished or destroyed, and buoys may be extinguished or dragged off station. Under such conditions vessel operators should consult local authorities before attempting to navigate in these waters.						
9890 695	**Cape Disappointment Light**	46-16-32.830N 124-03-07.768W	Al WR 30s 0.3s W fl 14.7s ec. 0.3s R fl 14.7s ec.	220	W 21 R 18	White conical tower with white band at top and bottom, black band in middle.	Lighted throughout 24 hours.
9895	- ENTRANCE RANGE FRONT LIGHT	46-16-33.195N 124-03-05.396W	F R	186		KWB on skeleton tower.	Visible 0.5° each side of rangeline. Lighted throughout 24 hours.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)						
	Columbia River						
	In the event of flood conditions in the Columbia River, aids to navigation may be temporarily discontinued, lights may be extinguished or destroyed, and buoys may be extinguished or dragged off station. Under such conditions vessel operators should consult local authorities before attempting to navigate in these waters.						
9900	- ENTRANCE RANGE REAR LIGHT 627 yards, 045.1° from front light.	46-16-46.304N 124-02-46.393W	F G	240		KWB on skeleton tower.	Visible 0.5° each side of rangeline. Lighted throughout 24 hours.
9905	- *Entrance Lighted Bell Buoy 1*	46-13-23.933N 124-10-59.921W	Fl G 4s		3	Green.	
9910	- *Entrance Lighted Whistle Buoy 2*	46-12-45.840N 124-08-03.462W	Fl R 4s		3	Red.	
9911	- *Entrance Lighted Buoy 3*	46-14-15.500N 124-08-39.500W	Fl G 4s		3	Green.	
9915	*Clatsop Spit Lighted Whistle Buoy 4* 100 yards outside channel limit.	46-13-35.407N 124-06-50.228W	Fl R 2.5s		3	Red.	
9920	- South Jetty Bell Buoy 2SJ	46-14-01.861N 124-05-45.351W				Red.	
9925	*Clatsop Spit Lighted Whistle Buoy 6* 325 yards outside channel limit.	46-14-14.895N 124-05-51.106W	Fl R 4s		3	Red.	
9930	*Peacock Spit Lighted Buoy 7*	46-15-08.888N 124-05-59.206W	Q G		3	Green.	
9935	*Clatsop Spit Lighted Whistle Buoy 8*	46-15-00.485N 124-04-43.710W	Q R		3	Red.	
9940	- *North Jetty Lighted Bell Buoy 9*	46-15-35.549N 124-05-05.596W	Fl G 4s		3	Green.	
9945	SAND ISLAND RANGE FRONT LIGHT	46-15-56.963N 123-59-34.405W	Q G	41		KRW on skeleton tower on pile structure.	Visible 4° each side of rangeline.
9950	SAND ISLAND RANGE REAR LIGHT 1,014 yards, 079.8° from front light.	46-16-02.267N 123-58-51.652W	Iso G 6s	64		KRW on skeleton tower on pile structure.	Visible 4° each side of rangeline.
9955	*Clatsop Spit Lighted Whistle Buoy 10*	46-15-14.244N 124-03-14.338W	Fl R 4s		3	Red.	
9956	Peacock Spit North Jetty Buoy E	46-16-00.080N 124-03-14.679W				Yellow.	
9960	*Peacock Spit Lighted Bell Buoy 11*	46-15-42.372N 124-02-19.140W	Fl G 2.5s		3	Green.	
9965	*Clatsop Spit Lighted Whistle Buoy 12*	46-15-05.443N 124-01-51.495W	Fl R 2.5s		3	Red.	
9970	*Clatsop Spit Lighted Whistle Buoy 14*	46-14-55.692N 124-00-40.777W	Q R		4	Red.	
	Desdemona Sands						
9975	- CHANNEL LEADING LIGHT	46-16-09.465N 124-02-20.550W	Fl W 4s	31	6	Black and white vertical stripes on pile structure.	
9980	- *Channel Lighted Bell Buoy 20*	46-14-12.003N 123-59-33.294W	Fl R 2.5s		3	Red.	
9985	- *Channel Lighted Bell Buoy 21*	46-14-07.194N 123-58-53.657W	Fl G 2.5s		3	Green.	
9990	- *Channel Lighted Buoy 22* 70 yards outside channel limit.	46-13-30.469N 123-58-26.264W	Fl R 4s		3	Red.	
9995	- LIGHT	46-13-32.485N 123-57-18.489W	Fl W 4s	23	4	NB on pile structure.	
10000	- *Channel Lighted Buoy 25* 250 yards outside channel limit.	46-12-47.504N 123-56-47.165W	Fl G 4s		3	Green.	
10005	FORT STEVENS WHARF LIGHT 26	46-12-26.686N 123-57-04.733W	Fl R 6s	35	5	TR on multi-pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)						
	Desdemona Sands						
10010	- *Lighted Buoy 27* 285 yards outside channel limit.	46-11-51.745N 123-55-18.604W	Fl G 2.5s		3	Green.	
10015	- *Lighted Buoy 29* 100 yards outside channel limit.	46-11-31.377N 123-54-10.521W	Q G		3	Green.	
10020	*Desdemona Lower Sands Lighted Gong Buoy 31* 90 feet outside channel limit.	46-11-35.446N 123-53-07.560W	Fl G 6s		3	Green.	
	Tansy Point						
10025	- RANGE FRONT LIGHT	46-11-19.650N 123-55-10.043W	Fl R 2.5s	43		KRB on pile structure.	Visible all around; higher intensity on rangeline.
10035	- RANGE REAR LIGHT 501 yards, 264.3° from front light.	46-11-18.169N 123-55-31.339W	Iso R 6s	77		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
10040	- *Range Lighted Buoy 33*	46-11-40.380N 123-52-01.517W	Fl G 4s		3	Green.	
10045	- Range Buoy 35A 68 yards outside channel limit.	46-11-40.730N 123-51-24.126W				Green can.	
	Astoria						
10075	- WEST BASIN LIGHT 1	46-11-26.640N 123-51-20.040W	Fl G 4s			On breakwater.	Private aid.
10080	- WEST BASIN LIGHT 2	46-11-26.940N 123-51-21.780W	Fl R 4s			On breakwater.	Private aid.
10083	- WEST BASIN LIGHT 3	46-11-26.100N 123-51-20.760W	Fl G 4s			On breakwater.	Private aid.
10084	- WEST BASIN BREAKWATER LIGHT	46-11-26.700N 123-51-18.280W	Fl Y 4s			On breakwater.	Private aid.
10090	Tansy Point Range Buoy 35B 68 yards outside channel limit.	46-11-43.641N 123-50-46.445W				Green can.	
10095	- LIGHT 36	46-11-32.724N 123-50-44.376W	Q R	30	4	TR on pier.	
10100	- *Crossing Lighted Buoy 37*	46-11-45.642N 123-50-00.634W	Fl G 4s		3	Green.	
10105	- LOWER RANGE FRONT LIGHT	46-11-29.520N 123-50-08.028W	Iso R 2s	53		KRB on skeleton tower.	Visible 1.5 ° each side of channel. Lighted throughout 24 hours.
10110	- LOWER RANGE REAR LIGHT 625 yards, 241.0° from front light.	46-11-20.550N 123-50-31.420W	Oc R 4s	175		KRB on pile structure.	Visible 1.5 ° each side of channel. Lighted throughout 24 hours.
10115	- *Range Lighted Buoy 39* 180 yards outside channel limit.	46-11-57.583N 123-49-19.703W	Q G		4	Green.	
10120	- *Range Lighted Buoy 40*	46-11-52.713N 123-48-47.091W	Q R		4	Red.	
10121	*Sea Lion Research Lighted Buoy*	46-11-48.700N 123-47-58.700W	Fl Y 4s			Yellow.	Private aid.
10122	EAST BASIN WEST ENTRANCE LIGHT 1	46-11-45.000N 123-48-25.020W	Fl G 4s			On breakwater.	Private aid.
10123	EAST BASIN WEST ENTRANCE LIGHT 2	46-11-43.740N 123-48-28.200W	Fl R 2.5s			On breakwater.	Private aid.
10124	EAST BASIN WEST ENTRANCE LIGHT 3	46-11-43.560N 123-48-25.800W	Fl G 4s			On breakwater.	Private aid.
10125	EAST BASIN WEST ENTRANCE LIGHT 4	46-11-42.180N 123-48-25.800W	Fl R 2.5s			On breakwater.	Private aid.
10126	EAST BASIN EAST ENTRANCE LIGHT 1	46-11-49.740N 123-47-58.140W	Fl G 2.5s			On breakwater.	Private aid.
10127	EAST BASIN EAST ENTRANCE LIGHT 2	46-11-51.060N 123-47-56.880W	Fl R 4s			On breakwater.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)						
	Astoria						
10145	- Rock Buoy	46-11-56.066N 123-47-42.814W				Red and green bands; nun.	
10150	- *Range Lighted Buoy 42* 200 yards outside channel limit.	46-12-36.165N 123-46-44.999W	Fl R 4s		3	Red.	
10155	*Tongue Point Channel Lighted Buoy 43* 50 yards outside channel limit.	46-13-02.386N 123-46-16.208W	Fl G 4s		3	Green.	
10160	*Tongue Point Channel Lighted Buoy 44* 100 yards outside channel limit.	46-13-05.987N 123-45-23.707W	Fl R 2.5s		3	Red.	
10165	*Tongue Point Channel Lighted Buoy 47* 30 yards outside channel limit.	46-13-39.647N 123-44-14.025W	Q G		3	Green.	
	Harrington Point						
10170	- *Range Lighted Buoy 50* 25 yards outside channel limit.	46-13-37.157N 123-43-51.565W	Fl R 4s		3	Red.	
10175	- RANGE FRONT LIGHT	46-15-21.266N 123-40-37.164W	Q W	36		KRB on pile structure.	Visible 5.5° each side of rangeline.
10180	- RANGE REAR LIGHT 1,193 yards, 053.4° from front light.	46-15-42.348N 123-39-56.177W	Iso W 6s	61		KRB on skeleton tower on pile structure.	Visible 14° each side of rangeline.
10182	- PASSING LIGHT	46-15-42.348N 123-39-56.177W	Fl W 2.5s	48	3	KRB on skeleton tower on pile structure. On same structure as Harrington Point Range Rear Light.	Obscurred from 000° to 210°.
10185	- CHANNEL LIGHT 52 175 yards outside channel limit.	46-14-03.140N 123-42-50.983W	Iso R 2s	17	4	TR on dolphin.	
10186	TONGUE POINT CHANNEL RANGE FRONT LIGHT	46-13-58.598N 123-42-48.640W	Q R	31		KRB on skeleton tower on pile structure.	Visible 1.5° each side of rangeline.
10187	TONGUE POINT CHANNEL RANGE REAR LIGHT 702 yards, 067.5° from front light.	46-14-06.535N 123-42-20.871W	Iso R 6s	62		KRB on skeleton tower on pile structure.	Visible 1.5° each side of rangeline.
10190	- *Channel Lighted Buoy 54* 75 feet outside channel limit.	46-14-38.668N 123-41-51.882W	Q R		3	Red.	
	HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)						
	Miller Sands						
10195	- RANGE FRONT LIGHT	46-15-44.690N 123-38-11.933W	Q G	15		KRB on pile structure.	Visible 4° each side of rangeline.
10200	- RANGE REAR LIGHT 650 yards, 070.5° from front light.	46-15-51.295N 123-37-44.895W	Iso G 6s	50		KRB on skeleton tower.	Visible 4° each side of rangeline.
	PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)						
	Miller Sands						
10205	- *Channel Lighted Buoy 2* 75 yards outside channel limit.	46-14-58.893N 123-40-50.121W	Fl R 2.5s		3	Red.	
10210	- *Channel Lighted Buoy 3* 33 yards outside channel limit.	46-15-05.403N 123-41-06.491W	Fl G 2.5s		3	Green.	
	HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)						
	Miller Sands						
10215	- DIKE LIGHT 5 83 yards outside channel limit.	46-15-23.628N 123-40-06.942W	Fl G 4s	15	4	SG on dolphin.	Higher intensity beam up and down channel.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)						
	Miller Sands						
10220	- *Channel Lighted Buoy 6* 50 yards outside channel limit.	46-15-15.549N 123-39-52.850W	Fl R 4s		3	Red.	
10225	- *Channel Lighted Buoy 10*	46-15-27.589N 123-38-55.538W	Q R		4	Red.	
10230	- DIKE LIGHT 11	46-15-40.099N 123-38-30.801W	Fl G 6s	19	5	SG on pile structure.	
10235	PILLAR ROCK LOWER RANGE FRONT LIGHT	46-15-09.916N 123-32-36.261W	Fl W 2.5s	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.	46-15-06.234N 123-31-45.710W	Iso W 6s	79		KRB on skeleton tower on pile structure.	Visible 4° each side of rangeline.
10245	- *Channel Lighted Buoy 12*	46-15-27.310N 123-38-18.207W	Fl R 6s		3	Red.	
10250	*Elliot Point Lighted Buoy 13*	46-15-33.380N 123-37-03.455W	Fl G 4s		3	Green.	
	Pillar Rock						
10255	- *Lower Range Lighted Buoy 14*	46-15-23.881N 123-37-08.185W	Fl R 4s		3	Red.	
10260	- DIKE LIGHT 14A	46-15-15.480N 123-35-29.805W	Fl R 2.5s	12	5	TR on multi-pile.	
10265	- *Lighted Buoy 15*	46-15-27.016N 123-35-13.943W	Q G		3	Green.	
10270	- LIGHT 17	46-15-29.004N 123-35-13.485W	Iso G 6s	25	5	SG on building.	
10275	- UPPER RANGE FRONT LIGHT	46-15-38.614N 123-30-55.954W	Q R	40		KRB on pile structure.	Visible 4° each side of rangeline.
10280	- UPPER RANGE REAR LIGHT 1,073 yards, 083.7° from front light.	46-15-42.119N 123-30-10.271W	Iso R 6s	58		KRB on skeleton tower on pile structure.	Visible 4° each side of rangeline.
10285	- *Upper Range Lighted Buoy 18*	46-15-21.293N 123-33-50.728W	Fl R 4s		3	Red.	
10295	*Jim Crow Lighted Buoy 19*	46-15-29.691N 123-33-38.618W	Fl G 2.5s		3	Green.	
10300	*Jim Crow Lighted Buoy 21*	46-15-33.117N 123-33-02.639W	Q G		3	Green.	
10305	*Jim Crow Lighted Buoy 22*	46-15-27.840N 123-32-34.080W	Q R		3	Red.	
10307	*Jim Crow Lighted Buoy 22A*	46-15-44.700 N 123-31-37.380 W	Fl R 4s		3	Red.	
	Welch Island						
10310	THREE TREE POINT LIGHT 23	46-16-01.470N 123-31-12.936W	Fl G 4s	40	3	SG on white house.	Ra ref.
10315	- *Channel Lighted Buoy 26*	46-16-01.024N 123-30-40.784W	Fl R 2.5s		4	Red.	
10320	ROCKLAND LIGHT 27	46-16-17.622N 123-30-21.483W	Fl G 2.5s	15	4	SG on pole on shore.	
10325	- *Channel Lighted Buoy 28*	46-16-13.994N 123-29-56.903W	Q R		3	Red.	
10330	BAYVIEW LIGHT 29	46-16-26.286N 123-29-15.351W	Iso G 2s	15	5	SG on pile.	
10335	- *Channel Lighted Buoy 30*	46-16-15.444N 123-28-54.492W	Fl R 4s		3	Red.	
10340	SKAMOKAWA LIGHT 31	46-16-20.322N 123-28-19.398W	Q G	15	4	SG on dolphin.	
10345	- *Channel Lighted Buoy 32*	46-15-59.344N 123-28-01.483W	Q R		3	Red.	
10350	SKAMOKAWA CREEK LIGHT 33	46-15-57.610N 123-27-29.642W	Fl 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
	COLUMBIA RIVER - Thirteenth District						
	HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)						
	Welch Island						
10355	SKAMOKAWA RANGE FRONT LIGHT	46-14-04.701N 123-25-26.240W	Q W	26		KRB on pile structure.	Visible all around; higher intensity beam on rangeline.
10360	SKAMOKAWA RANGE REAR LIGHT 427 yards, 140.8° from front light.	46-13-54.902N 123-25-14.704W	Iso W 6s	48		KRB on skeleton tower on pile structure on same structure as Puget Island Range Rear Light.	Visible 14° each side of rangeline.
10365	PRICE ISLAND LIGHT 35	46-15-16.344N 123-26-40.206W	Fl G 4s	12	4	SG on pile structure.	
10370	*Steamboat Slough Lighted Buoy 36*	46-14-45.396N 123-26-21.470W	Fl R 2.5s		3	Red.	
10375	*Steamboat Slough Lighted Buoy 37*	46-14-39.591N 123-25-53.937W	Fl G 4s		3	Green.	
10380	HUNTING ISLAND LIGHT 39	46-13-46.860N 123-25-23.112W	Fl G 2.5s	15	4	SG on dolphin.	
	Puget Island						
10385	- RANGE FRONT LIGHT	46-13-39.549N 123-25-18.231W	Q W	25		KRB on pile structure.	Visible 4° each side of rangeline.
10390	- RANGE REAR LIGHT 524 yards, 009.1° from front light.	46-13-54.871N 123-25-14.676W	Iso W 6s	52		KRB on skeleton tower on pile structure. On same structure as Skamokawa Range Rear Light.	Visible 4° each side of rangeline.
10395	- *Range Lighted Buoy 41*	46-13-09.876N 123-25-22.076W	Fl G 4s		3	Green.	
10400	CLIFTON DIKE LIGHT 42	46-12-20.762N 123-25-52.482W	Fl R 4s	20	4	TR on dolphin.	Higher intensity beam up and down channel.
10401	- LIGHT 43	46-12-19.068N 123-25-29.070W	Fl G 2.5s	20	4	SG on pile.	
10405	CLIFTON DIKE LIGHT 44	46-12-07.494N 123-26-08.168W	Fl R 6s	20	4	TR on dolphin.	
10410	HUNTS MILL POINT LIGHT 44A	46-11-36.139N 123-26-01.883W	Fl R 2.5s	12	4	TR on pipe.	Ra ref.
10415	BUGBY HOLE LIGHT 46	46-10-54.120N 123-25-56.700W	Q R	15	4	TR on dolphin.	
10420	- LIGHT 47	46-10-55.371N 123-25-32.538W	Q G	15	3	SG on skeleton tower.	
10425	- LIGHT 49	46-10-33.018N 123-25-10.950W	Fl G 4s	17	4	SG on multi-pile structure.	
	Wauna						
10428	- *Mill Water Outfall Lighted Buoy B*	46-10-06.000N 123-24-54.000W	Fl Y 4s			Yellow.	Private aid.
10430	- RANGE FRONT LIGHT	46-08-48.795N 123-23-08.999W	Q R	36		KRB on skeleton tower on pile structure.	Visible 14° each side of rangeline.
10435	- RANGE REAR LIGHT 498 yards, 138.2° from front light.	46-08-37.807N 123-22-54.841W	Iso R 6s	63		KRB on skeleton tower on pile structure.	Visible 10° each side of rangeline.
10440	- *Mill Water Intake Lighted Buoy A*	46-09-08.541N 123-23-50.144W	Fl Y 4s			Yellow.	Private aid.
10445	UNITIZING DOCK LIGHT	46-09-42.000N 123-24-30.000W	F Y			On pier.	Private aid.
10455	TRANSIT SHED LOWER DOCK LIGHT	46-09-20.935N 123-24-01.644W	F Y			On dolphin.	Private aid.
10456	Westport Slough Buoy 56	46-08-52.884N 123-23-14.510W				Red nun.	
10460	- DIKE LIGHT 57	46-09-08.571N 123-23-07.717W	Q G	20	3	SG on dolphin.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)						
	Wauna						
10465	DRISCOLL RANGE FRONT LIGHT	46-09-02.883N 123-23-41.588W	Fl R 2.5s	30		KRB on dolphin.	Visible all around; higher intensity on range line.
10470	DRISCOLL RANGE REAR LIGHT 403 yards, 284.5° from front light.	46-09-05.888N 123-23-58.271W	Iso R 6s	56		KRB on skeleton tower.	Visible 10° each side of range line.
	Westport						
10475	- DIKE LIGHT 58	46-08-48.024N 123-22-47.856W	Fl R 2.5s	15	4	TR on dolphin.	Higher intensity beam up and down channel.
10480	PANCAKE POINT DIKE LIGHT 59	46-08-58.039N 123-22-24.759W	Fl G 6s	15	4	SG on multi-pile.	
10485	- DIKE LIGHT 60	46-08-39.870N 123-22-02.643W	Fl R 6s	15	4	TR on pile.	
10490	- RANGE FRONT LIGHT	46-08-30.993N 123-21-13.695W	Q W	17		KRB on pile structure.	Visible all around; higher intensity on rangeline.
10495	- RANGE REAR LIGHT 500 yards, 269.5° from front light.	46-08-30.894N 123-21-36.144W	Iso W 6s	58		KRB on skeleton tower.	Visible 14° each side of rangeline.
10500	- DIKE LIGHT 62	46-08-28.413N 123-20-49.722W	Fl R 4s	19	4	TR on dolphin.	Higher intensity beam up and down channel.
10505	- DIKE LIGHT 64	46-08-26.329N 123-19-50.223W	Fl R 6s	15	4	TR on dolphin.	
10510	- DIKE LIGHT 66	46-08-26.132N 123-18-48.486W	Q R	15	3	TR on multi-pile structure.	
10520	CATHLAMET DIKE LIGHT 67	46-08-53.114N 123-17-52.073W	Fl G 4s	15	4	SG on multi-pile.	
10525	- *Channel Lighted Buoy 68*	46-08-38.700N 123-17-23.508W	Fl R 2.5s		4	Red.	
	Cathlamet Channel						
10530	- Daybeacon 2	46-12-23.743N 123-24-41.441W				TR on pile.	Ra ref.
10535	Elochoman Buoy 1	46-12-15.982N 123-23-25.501W				Green can.	
10540	Elochoman Daybeacon 2	46-12-29.436N 123-23-18.671W				TR on pile.	
10543	- Buoy 5	46-10-18.093N 123-20-36.795W				Green can.	
10545	- Buoy 6	46-10-33.022N 123-20-50.187W				Red nun.	
10550	- Buoy 7	46-10-02.535N 123-20-27.232W				Green can.	
10551	- Buoy 7A	46-09-30.015N 123-19-45.723W				Green can.	
10555	- LIGHT 8	46-09-00.773N 123-17-50.928W	Fl R 2.5s	15	4	TR on dolphin.	
10560	WATERFORD LIGHT 69	46-09-10.227N 123-16-01.302W	Fl G 4s	30	4	SG on concrete pad.	
	Eureka						
10565	- CHANNEL LIGHT 70	46-08-54.097N 123-15-41.712W	Fl R 4s	15	3	TR on dolphin.	Ra ref.
10570	COOPER POINT LIGHT 71	46-09-26.176N 123-15-15.371W	Q G	23	6	SG on skeleton tower.	
10575	- *Channel Lighted Buoy 73*	46-09-43.956N 123-14-32.960W	Fl G 4s		3	Green.	
10580	- DIKE LIGHT 76	46-09-47.166N 123-13-59.799W	Q R	15	4	TR on dolphin.	Higher intensity beam down channel.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			COLUMBIA RIVER - Thirteenth District				
	HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)						
	Eureka						
10585	- DIKE LIGHT 77	46-10-10.326N 123-13-44.489W	Fl G 2.5s	13	4	SG on multi-pile structure.	
10590	- DIKE LIGHT 78	46-09-59.181N 123-13-30.381W	Fl R 4s	17	4	TR on multi-pile.	Higher intensity beam down channel.
10595	- DIKE LIGHT 80	46-10-06.805N 123-13-04.008W	Fl R 6s	13	4	TR on dolphin.	
10600	- DIKE LIGHT 79	46-10-28.143N 123-12-53.384W	Fl G 4s	15	4	SG on multi-pile structure.	
	Oak Point						
10625	BEAVER PIER WEST END LIGHT	46-10-48.000N 123-11-06.000W	F R				Private aid.
10630	BEAVER PIER EAST END LIGHT	46-10-42.000N 123-10-48.000W	F R				Private aid.
10633	COLUMBIA RIVER GEODETIC SURVEY LIGHT	46-11-06.000N 123-11-12.000W	Fl Y 10s	10		On steel dolphin.	Maintained by U.S. Geological Survey. Private aid.
10635	- LIGHT 81	46-11-11.944N 123-10-55.385W	Fl G 4s	14	4	SG on concrete pad.	
10640	ABERNATHY POINT LIGHT 83	46-11-25.070N 123-10-03.925W	Fl G 2.5s	20	5	SG on cylinder.	
10645	*Crims Island Lighted Buoy 84*	46-11-18.497N 123-09-30.031W	Q R		3	Red.	
	CRIMS ISLAND TO ST. HELENS (Chart 18524)						
10650	BUNKER HILL LIGHT 85	46-11-21.877N 123-08-22.499W	Fl G 4s	17	4	SG on tower.	Higher intensity beam up channel.
10655	*Crims Island Lighted Buoy 86*	46-11-09.298N 123-07-42.307W	Q R		4	Red.	
10660	STELLA RANGE FRONT LIGHT	46-11-17.066N 123-07-27.267W	Fl G 2.5s	25		KRB on skeleton tower on pile structure.	Visible all around; higher intensity on rangeline.
10665	STELLA RANGE REAR LIGHT 243 yards, 307.2° from front light.	46-11-21.410N 123-07-35.544W	Iso G 6s	59		KRB on skeleton tower on pile structure.	Visible 10° each side of rangeline.
10670	CLEAVELAND LIGHT 1 340 feet outside channel limit.	46-11-05.041N 123-06-51.048W	Fl G 2.5s	12	4	SG on dolphin.	
	Crims Island						
10675	- DIKE LIGHT 2	46-10-44.075N 123-07-30.028W	Fl R 6s	12	4	TR on dolphin.	
10685	- DIKE LIGHT 6	46-10-18.265N 123-06-32.800W	Fl R 4s	12	4	TR on pile.	
	CRIMS ISLAND TO ST. HELENS (Chart 18524)						
10715	CLEAVELAND LIGHT 3	46-10-39.610N 123-06-06.021W	Fl G 4s	12	4	SG on pile.	
10717	WILLOW GROVE BOAT LAUNCH LIGHT 1	46-10-23.300N 123-05-04.600W	Fl G 4s			On breakwall.	Private aid.
10718	WILLOW GROVE BOAT LAUNCH LIGHT 2	46-10-24.300N 123-05-03.400W	Fl R 4s			On breakwall.	Private aid.
10719	WILLOW GROVE DEFLECTION BOOM LIGHT & WARNING SIGN	46-10-23.200N 123-05-02.500W	Fl W 4s			NW on pile worded DANGER LOG BOOM.	Private aid.
10720	*Fisher Island Channel Lighted Buoy 5*	46-09-43.959N 123-04-24.638W	Q G		3	Green.	
10725	FISHER ISLAND LIGHT 7	46-09-34.421N 123-03-45.844W	Fl G 4s	13	5	SG on dolphin.	
10730	FISHER ISLAND LIGHT 9	46-09-27.235N 123-03-19.674W	Fl G 2.5s	15	4	SG on dolphin.	
10735	*Fisher Island Channel Lighted Buoy 10*	46-09-16.400N 123-03-29.416W	Q R		4	Red.	
	Longview						
10745	WALKER ISLAND LIGHT 12	46-08-51.926N 123-02-40.706W	Q R	15	3	TR on pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	CRIMS ISLAND TO ST. HELENS (Chart 18524)						
	Longview						
10750	BARLOW POINT LIGHT 13	46-08-39.240N 123-01-50.040W	Q G	10	3	SG on dolphin.	
10755	- *Channel Lighted Buoy 17*	46-08-12.942N 123-00-36.899W	Fl G 2.5s		3	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	*La Du Rock Lighted Buoy 19*	46-07-51.062N 122-59-48.207W	Fl G 4s		3	Green.	
10770	LORD ISLAND LIGHT 20	46-07-37.380N 122-59-59.820W	Fl R 4s	25	4	TR on platform.	
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	*Slaughters Channel Lighted Buoy 23*	46-07-29.953N 122-59-27.116W	Fl G 2.5s		3	Green.	
10805	DIBBLEE DIKE LIGHT 22 190 feet outside channel limit.	46-07-04.137N 122-59-14.241W	Fl R 6s	15	4	TR on pile structure.	Higher intensity beam up and down channel.
	Lewis and Clark Bridge						
10811	- Approach Buoy 1	46-06-22.765N 122-57-40.385W				Green can.	Private aid.
10812	- Approach Buoy 2	46-06-13.243N 122-57-50.013W				Red nun.	Private aid.
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.
	Longview						
10816	*Cowlitz River Lighted Buoy 25*	46-05-35.950N 122-55-29.978W	Fl G 6s		4	Green.	
10820	COTTONWOOD ISLAND LOWER RANGE FRONT LIGHT	46-04-59.263N 122-53-51.889W	Q W	39		KRB on pile structure.	Visible 4° each side of rangeline.
10825	COTTONWOOD ISLAND LOWER RANGE REAR LIGHT 316 yards, 115.8° from front light.	46-04-55.190N 122-53-39.743W	Iso W 6s	40		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
10832	SHAVER TRANSPORTATION MOORING BARGE LIGHTS (2)	46-05-24.000N 122-55-48.000W	F R	10		On mooring barge.	Private aid.
	Cottonwood Island						
10845	- DIKE LIGHT 31	46-05-18.354N 122-54-33.424W	Fl G 2.5s	15	4	SG on dolphin.	
10850	- DIKE LIGHT 33	46-05-03.747N 122-54-04.172W	Fl G 4s	12	4	SG on dolphin.	
10860	- LIGHT 35	46-04-42.887N 122-53-36.043W	Fl G 4s	15	4	SG on pile.	
10865	- *Turn Lighted Buoy 36* 66 yards outside channel limit.	46-04-24.957N 122-53-36.653W	Q R		3	Red.	
10870	- DIKE LIGHT 37	46-04-17.722N 122-53-12.870W	Fl G 4s	15	4	SG on dolphin.	
10875	- UPPER RANGE FRONT LIGHT	46-03-55.592N 122-52-56.316W	Q W	26		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
	COLUMBIA RIVER - Thirteenth District						
	CRIMS ISLAND TO ST. HELENS (Chart 18524)						
	Cottonwood Island						
10880	- UPPER RANGE REAR LIGHT 331 yards, 356.2° from front light.	46-04-05.376N 122-52-57.260W	Iso W 6s	45		KRB on skeleton tower.	Visible 10° each side of rangeline.
10885	- LIGHT 39	46-03-57.897N 122-53-00.337W	Fl G 4s	26	4	SG on pile.	
10890	- LIGHT 41	46-03-20.387N 122-52-46.142W	Q G	20	3	SG on pile.	
10891	PORT OF KALAMA DOCK LIGHT A	46-02-39.900N 122-52-35.160W	Fl Y 6s			On mooring dolphin.	Private aid.
10892	PORT OF KALAMA DOCK LIGHT B	46-02-38.700N 122-52-35.940W	Fl Y 6s			On mooring dolphin.	Private aid.
10893	PORT OF KALAMA DOCK LIGHT C	46-02-32.640N 122-52-35.640W	Fl Y 6s			On mooring dolphin.	Private aid.
10894	PORT OF KALAMA DOCK LIGHT D	46-02-30.780N 122-52-34.680W	Fl Y 6s			On mooring dolphin.	Private aid.
	Kalama						
10895	COFFIN ROCK LIGHT	46-01-59.220N 122-52-48.240W	Q W	20	4	NB on house.	
10900	- RIVER LIGHT 43	46-02-00.704N 122-52-30.805W	Fl G 2.5s	18	4	SG on dolphin.	
10905	- LOWER RANGE FRONT LIGHT	46-00-33.573N 122-50-58.551W	Q R	28		KRW on skeleton tower.	Visible 1.5° each side of rangeline.
10910	- LOWER RANGE REAR LIGHT 774 yards, 138° from front light.	46-00-16.467N 122-50-36.629W	Iso R 6s	102		KRW on skeleton tower.	Visible 1.5° each side of rangeline.
10915	- UPPER RANGE FRONT LIGHT	45-58-40.784N 122-50-21.987W	Q W	17		KRB on pile structure.	Visible all around; higher intensity on rangeline.
10920	- UPPER RANGE REAR LIGHT 750 yards, 163.4° from front light.	45-58-19.970N 122-50-13.100W	Iso W 6s	45		KRB on skeleton tower.	Visible 14° each side of rangeline.
	CRIMS ISLAND TO ST. HELENS (Chart 18524)						
10925	KALAMA DIKE LIGHT 47A	46-00-33.078N 122-51-03.876W	Fl G 2.5s	32	5	SG on dolphin.	
10930	AHLE POINT LIGHT 49	45-59-53.264N 122-50-41.332W	Fl G 4s	20	4	SG on pile.	
10935	HUNTER BAR LIGHT 1	45-59-30.120N 122-51-11.340W	Fl G 2.5s	20	4	SG on pile.	
10940	HUNTER DIKE LIGHT 52	45-59-17.544N 122-50-56.838W	Fl R 4s	15	4	TR on dolphin.	Higher intensity beam up channel.
10945	HUNTER DIKE LIGHT 54	45-58-56.468N 122-50-36.292W	Q R	20	3	TR on dolphin.	
	Martin Island						
10950	BYBEE LEDGE CHANNEL RANGE FRONT LIGHT	45-57-25.751N 122-48-28.646W	Q W	29		KRB on dolphin.	Visible all around; higher intensity on rangeline.
10955	BYBEE LEDGE CHANNEL RANGE REAR LIGHT 214 yards, 137.6° from front light.	45-57-21.081N 122-48-22.508W	Iso W 6s	50		KRB on skeleton tower.	Visible 14° each side of rangeline.
10960	*Bybee Ledge Lighted Buoy 59*	45-58-14.567N 122-49-27.127W	Fl G 4s		3	Green.	
10965	*- Bluff Lighted Buoy 60*	45-57-36.311N 122-48-53.708W	Q R		4	Red.	
10970	DEER ISLAND LOWER DIKE LIGHT 62	45-57-26.893N 122-49-08.183W	Fl R 6s	16	4	TR on dolphin.	
10975	- DIKE LIGHT 63	45-57-10.620N 122-48-24.420W	Fl G 2.5s	15	3	SG on dolphin.	
10980	- MIDDLE DIKE LIGHT 65	45-56-40.485N 122-48-14.190W	Fl G 4s	15	4	SG on dolphin.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	CRIMS ISLAND TO ST. HELENS (Chart 18524)						
	Martin Island						
10985	- RANGE FRONT LIGHT	45-56-18.856N 122-48-09.550W	Q W	17		KRB on pile structure.	Visible all around; higher intensity on rangeline.
10990	- RANGE REAR LIGHT 167 yards, 011.2° from front light.	45-56-24.040N 122-48-07.542W	Iso W 6s	50		KRB on pile structure.	Visible 4° each side of rangeline.
11000	BURKE DIKE LIGHT 69	45-55-53.520N 122-48-08.820W	Fl G 2.5s	17	5	SG on dolphin.	Higher intensity beam downstream.
11005	DEER ISLAND UPPER DIKE LIGHT 72	45-55-12.252N 122-48-44.232W	Fl R 4s	23	3	TR on dolphin.	
11010	CAPLES DIKE LIGHT 73	45-55-01.383N 122-48-17.213W	Fl G 4s	10	4	SG on dolphin.	
11015	COASTAL CHEMICAL DOCK LIGHTS (2)	45-54-47.000N 122-48-52.000W	F R			On dock.	Private aid.
11020	- *Channel Lighted Buoy 75*	45-54-29.932N 122-48-26.574W	Q G		3	Green.	
11025	COLUMBIA CITY LIGHT 76	45-53-31.100N 122-48-23.300W	Q R	22	4	TR on pile.	
11027	*Columbia City Lighted Buoy 75A*	45-53-43.968N 122-48-11.975W	Fl G 2.5s		3	Green.	Maintained from Aug 15 to Oct 1.
	St. Helens						
11030	- RANGE FRONT LIGHT	45-51-55.186N 122-46-58.569W	Q W	37		KRB on pile structure.	Visible all around; higher intensity on rangeline.
11035	- RANGE REAR LIGHT 618 yards, 150.5° from front light.	45-51-39.246N 122-46-45.641W	Iso W 6s	60		KRB on skeleton tower.	Visible 14° each side of rangeline.
11040	- JETTY LOWER LIGHT 77	45-53-04.659N 122-47-45.321W	Q G	35	4	SG on dolphin.	
11045	- *Junction Lighted Buoy*	45-52-52.363N 122-47-51.507W	Fl (2+1)R 6s		4	Red and green bands.	
11050	- JETTY LIGHT 79	45-52-13.434N 122-47-06.474W	Fl G 4s	22	5	SG on pile structure.	
11055	- DIKE LIGHT 80	45-51-47.773N 122-47-20.554W	Q R	34	3	TR on dolphin.	
	ST. HELENS TO VANCOUVER (Chart 18525)						
	Warrior Rock						
11060	- LIGHT	45-50-54.864N 122-47-18.180W	Fl W 4s	28	7	White pyramidal structure.	
11065	- RANGE FRONT LIGHT	45-51-18.195N 122-46-46.761W	Q W	46		KRW on skeleton tower on pile structure.	Visible 14° each side of rangeline.
11070	- RANGE REAR LIGHT 146 yards, 021.5° from front light.	45-51-22.209N 122-46-44.488W	Iso W 6s	61		KRW on skeleton tower on pile structure.	Visible 5.5° each side of rangeline.
11073	- *Turn Lighted Buoy 1*	45-50-50.014N 122-46-57.082W	Fl G 4s		3	Green.	
11075	- *Reef Lighted Buoy 4*	45-50-26.250N 122-47-21.160W	Q R		4	Red.	
11080	DUCK CLUB LIGHT 4A	45-49-45.138N 122-47-48.142W	Fl R 6s	36	4	TR on dolphin.	
11085	DUCK CLUB LIGHT 6	45-49-26.648N 122-47-52.947W	Q R	22	3	TR on pile structure.	Ra ref.
	Henrici						
11090	- *Channel Lighted Buoy 7*	45-48-58.213N 122-47-41.338W	Q G		3	Green.	
11095	DUCK CLUB LIGHT 8	45-48-57.013N 122-47-55.283W	Fl R 2.5s	37	3	TR on dolphin.	
11100	- RANGE FRONT LIGHT	45-48-41.247N 122-47-53.327W	Q W	17		KRB on pile structure.	Visible all around; higher intensity on rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	ST. HELENS TO VANCOUVER (Chart 18525)						
	Henrici						
11105	- RANGE REAR LIGHT 285 yards, 328° from front light.	45-48-48.389N 122-47-59.815W	Iso W 6s	37		KRB on skeleton tower.	Visible 14° each side of rangeline.
11110	- LANDING LIGHT 10	45-48-30.120N 122-47-49.320W	Fl R 4s	33	4	TR on dolphin.	
11115	- CROSSING LIGHT 12	45-48-11.220N 122-47-40.320W	Fl R 2.5s	37	5	TR on dolphin.	
11120	BACHELOR POINT LIGHT 13	45-47-30.960N 122-46-39.540W	Fl G 6s	34	4	SG on dolphin.	
11125	BACHELOR DIKE LIGHT 15	45-47-04.473N 122-46-17.229W	Fl G 4s	32	4	SG on dolphin.	
11130	FALES LIGHT 17	45-46-20.340N 122-45-44.100W	Q G	36	5	SG on dolphin.	Higher intensity beam down channel. Ra ref.
11135	KNAPP POINT LIGHT 19	45-44-43.716N 122-45-31.500W	Fl G 4s	36	4	SG on pile structure.	Higher intensity beam down channel.
	Willow						
11140	- LOWER RANGE FRONT LIGHT	45-44-30.631N 122-45-26.886W	Q W	17		KRB on tower on pile structure.	Visible all around; higher intensity on rangeline.
11145	- LOWER RANGE REAR LIGHT 280 yards, 013.5° from front light.	45-44-38.114N 122-45-24.278W	Iso W 6s	34		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
11150	- DIKE LIGHT 23	45-43-57.973N 122-45-27.813W	Fl G 2.5s	27	4	SG on dolphin.	
11155	- UPPER RANGE FRONT LIGHT	45-40-59.416N 122-46-40.361W	Q W	15		KRB on pile structure. On same structure as Morgan Upper Range Front Light.	Visible all around; higher intensity on rangeline and Morgan Upper Rangeline.
11160	- UPPER RANGE REAR LIGHT 345 yards, 193.5° from front light.	45-40-47.416N 122-46-40.360W	Iso W 6s	34		KRB on skeleton tower.	Visible 14° each side of rangeline.
11165	- DIKE LIGHT 26	45-43-25.930N 122-45-57.823W	Fl R 4s	33	3	TR on dolphin.	
11170	REEDER POINT LIGHT 28	45-42-34.851N 122-46-13.902W	Fl R 6s	36	4	TR on dolphin.	Ra ref.
11175	HUTCHINSON DIKE LIGHT 30	45-42-00.000N 122-46-26.700W	Fl R 4s	37	4	TR on dolphin.	
	Morgan						
11180	- DIKE LIGHT 32	45-41-26.474N 122-46-37.066W	Fl R 2.5s	36	4	TR on dolphin.	Ra ref.
11185	HEWLETT DIKE LIGHT 33	45-41-10.257N 122-46-09.120W	Fl G 4s	37	4	SG on dolphin.	
11190	- UPPER RANGE FRONT LIGHT	45-41-01.178N 122-46-40.244W	Q W	15		KRB on pile structure. On same structure as Willow Upper Range Front Light.	Visible all around; higher intensity on rangeline and Willow Upper Rangeline.
11195	- UPPER RANGE REAR LIGHT 260 yards, 341.5° from front light.	45-41-11.416N 122-46-40.361W	Iso W 6s	35		KRB on skeleton tower.	Visible 14° each side of rangeline.
11200	- DIKE LIGHT 36	45-40-35.760N 122-46-34.500W	Fl R 2.5s	15	3	TR on dolphin.	Ra ref.
11205	- Dike Daybeacon 39	45-40-05.160N 122-45-50.160W				SG on dolphin.	
11210	- DIKE LIGHT 40	45-39-52.121N 122-46-14.919W	Fl R 4s	34	4	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	ST. HELENS TO VANCOUVER (Chart 18525)						
	Morgan						
11211	- CHANNEL LIGHT 42	45-39-27.229N 122-46-01.120W	Q R	25	3	On pile structure with skeleton tower. On same structure as Vancouver Directional Light.	
	Vancouver						
11215	- DIRECTION LIGHT	45-39-27.229N 122-46-01.120W	Iso W 6s (G & R sectors)	50	W G R	On skeleton tower on 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	45-39-10.857N 122-45-46.124W	Fl (2+1)R 6s	39	3	JR on dolphin.	
11230	- *Channel Lighted Buoy 47* 75 feet outside channel limit.	45-38-53.117N 122-44-48.950W	Q G		3	Green.	
11243	*Hayden Island Anchorage Lighted Buoy A*	45-38-40.000N 122-44-30.000W	Fl Y 6s			Yellow.	Private aid.
11244	*Hayden Island Anchorage Lighted Buoy B*	45-38-21.000N 122-43-28.000W	Fl Y 6s			Yellow.	Private aid.
	VANCOUVER TO THE DALLES (Chart 18531)						
	Vancouver to Bonneville						
11255	Interstate-5 Alternate Barge Channel Buoy 2	45-37-05.768N 122-40-42.367W				Red nun.	
11256	Interstate-5 Alternate Barge Channel Buoy 3	45-37-03.686N 122-40-24.929W				Green can.	
11260	Interstate-5 Bridge Approach Buoy 2	45-37-14.241N 122-40-33.820W				Red nun.	
11265	Interstate-5 Bridge Approach Buoy 4	45-37-10.722N 122-40-21.130W				Red nun.	
11270	VANCOUVER CHANNEL DIKE LIGHT 51	45-38-29.200N 122-43-16.100W	Fl G 2.5s	40	4	SG on dolphin.	
11275	*Ryan Point Junction Lighted Buoy*	45-36-55.342N 122-39-33.829W	Fl (2+1)R 6s		4	Red and green bands.	
	North Portland Harbor						
11280	- EAST END RANGE FRONT LIGHT	45-36-04.080N 122-38-31.380W	Q R	35		KRB on dike.	Visible all around; higher intensity on rangeline.
11285	- EAST END RANGE REAR LIGHT 70 yards, 241° from front light.	45-36-02.919N 122-38-34.387W	Iso R 6s	50		KRB on tripod.	Visible all around; higher intensity on rangeline.
11290	- DIKE LIGHT 2	45-36-10.874N 122-38-06.341W	Fl R 4s	38	3	TR on dolphin.	
11295	- Daybeacon 1	45-36-16.740N 122-40-18.000W				SG on pile.	
11300	*Vancouver Upper Bar Channel Lighted Buoy 14* 25 yards outside channel limit.	45-36-23.333N 122-37-32.426W	Fl R 2.5s		3	Red.	
11303	MARINE PARK OUTFALL LIGHT	45-36-34.440N 122-37-09.940W	Fl 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	45-36-03.799N 122-36-00.785W	Fl R 4s	40	4	TR on dolphin.	
11307	AIRPORT BAR RANGE FRONT LIGHT	45-36-00.524N 122-33-38.778W	Q G	34		KRW on skeleton tower.	Visible all around; higher intensity on range line.
11308	AIRPORT BAR RANGE REAR LIGHT 329 yards, 094.8° from front light.	45-35-59.700N 122-33-24.900W	Iso G 6s	48		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
	COLUMBIA RIVER - Thirteenth District						
	VANCOUVER TO THE DALLES (Chart 18531)						
11385	*Lieser Point Channel Lighted Buoy 18* 25 yards outside channel limit.	45-36-00.925N 122-34-15.061W	Fl R 6s		4	Red.	
11390	Interstate-205 Bridge Approach Buoy 19	45-35-51.612N 122-33-07.030W				Green can.	
11395	Interstate-205 Bridge Approach Buoy 21	45-35-48.570N 122-32-53.780W				Green can.	
	Government Island						
11405	- MIDDLE RANGE FRONT LIGHT	45-35-14.380N 122-31-54.829W	Q R	40		KRB on pile structure.	Visible all around; higher intensity on rangeline.
11410	- MIDDLE RANGE REAR LIGHT 250 yards, 278° from front light.	45-35-15.426N 122-32-05.273W	Iso R 6s	53		KRB on pile structure.	Visible 4° each side of rangeline.
11415	- LOWER RANGE FRONT LIGHT	45-34-50.569N 122-29-55.891W	Q R	40		KRW on pile structure.	Visible 4° each side of rangeline.
11420	- LOWER RANGE REAR LIGHT 400 yards, 114.7° from front light.	45-34-45.606N 122-29-40.544W	Iso R 6s	56		KRW on skeleton tower.	Visible 4° each side of rangeline.
	VANCOUVER TO THE DALLES (Chart 18531)						
11430	FISHER QUARRY CHANNEL RANGE FRONT LIGHT	45-34-37.766N 122-28-05.477W	Q G	36		KRB on pile structure.	Visible all around; higher intensity on rangeline.
11435	FISHER QUARRY CHANNEL RANGE REAR LIGHT 267 yards, 110.5° from front light.	45-34-34.916N 122-27-54.669W	Iso G 6s	50		KRB on skeleton tower.	Visible 4° each side of rangeline.
	Camas Slough						
11440	Hassalo Rock Daybeacon 1 185 yards north of rock.	45-34-53.100N 122-27-57.660W				SG on dolphin.	
11445	HASSALO ROCK LIGHT 2	45-34-48.600N 122-27-58.200W	Fl R 4s	23	4	TR on pile.	
11450	CAMAS LIGHT 4	45-34-33.141N 122-26-41.462W	Fl R 4s	21	5	TR on concrete pillar.	
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	45-34-27.060N 122-26-10.260W	Q R	35		KRB on dolphin.	Visible all around; higher intensity on rangeline.
11460	- RANGE REAR LIGHT 115 yards, 113° from front light.	45-34-25.560N 122-26-05.280W	Iso R 6s	55		KRB on skeleton tower.	Visible 14° each side of rangeline.
	Government Island						
11465	- RANGE FRONT LIGHT	45-33-51.960N 122-26-54.840W	Q R	40		KRB on tower on pile structure.	Visible all around; higher intensity on rangeline.
11470	- RANGE REAR LIGHT 308 yards, 128° from front light.	45-33-46.329N 122-26-44.189W	Iso R 6s	56		KRB on skeleton tower on pile structure.	Visible 4° each side of rangeline.
11475	MCGUIRE ISLAND MIDDLE DIKE LIGHT 34	45-33-58.317N 122-27-11.570W	Fl R 4s	40	3	TR on dolphin.	
11480	- UPPER RANGE FRONT LIGHT	45-34-09.960N 122-27-41.700W	Q R	35		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	VANCOUVER TO THE DALLES (Chart 18531)						
	Government Island						
11485	- UPPER RANGE REAR LIGHT 167 yards, 290.5° from front light.	45-34-11.640N 122-27-48.120W	Iso R 6s	50		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
11486	- *Upper Range Lighted Buoy 35*	45-33-55.804N 122-26-29.309W	Fl G 2.5s		3	Green.	
	Lady Island						
11490	- RANGE FRONT LIGHT	45-33-46.251N 122-26-51.950W	Q W	36		KRB on pile structure.	Visible 1.5° each side of rangeline.
11495	- RANGE REAR LIGHT 580 yards, 255.5° from front light.	45-33-42.210N 122-27-14.796W	Iso W 6s	62		KRB on tower on dolphin.	Visible 1.5° each side of rangeline.
11497	CHINOOK LANDING MARINA PARK LIGHT 1	45-33-42.000N 122-26-42.000W	Fl G 4s	3		On pile.	Private aid.
11498	CHINOOK LANDING MARINA PARK LIGHT 2	45-33-36.000N 122-26-42.000W	Fl R 4s	3		On pile.	Private aid.
11500	Ione Reef Buoy 1	45-33-57.017N 122-24-49.924W				Green can.	
11505	- UPPER LIGHT 43	45-34-19.911N 122-24-06.612W	Fl G 4s	28	4	SG on house.	
11510	- UPPER RANGE FRONT LIGHT	45-34-25.796N 122-24-04.024W	Q G	30		KRB on tower.	Visible 4° each side of rangeline.
11515	- UPPER RANGE REAR LIGHT 265 yards, 263° from front light.	45-34-24.840N 122-24-15.180W	Iso G 6s	50		KRB on skeleton tower.	Visible 4° each side of rangeline.
11520	- Shoal Buoy 46	45-34-26.518N 122-23-21.550W				Red nun.	
	Washougal						
11525	- Buoy 48	45-34-16.997N 122-21-53.330W				Red nun.	
11530	- LOWER RANGE FRONT LIGHT	45-34-02.580N 122-20-37.020W	Fl G 2.5s	18		KRB on dolphin.	Visible all around, higher intensity on rangeline.
11535	- LOWER RANGE REAR LIGHT 433 yards, 108° from front light.	45-33-58.200N 122-20-19.860W	Iso G 6s	38		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
11540	Ough Reef Buoy 49	45-34-18.598N 122-21-37.969W				Green can.	
11545	- LIGHT 50	45-34-06.981N 122-21-19.981W	Fl R 2.5s	36	5	TR on pile structure.	
11550	- UPPER RANGE FRONT LIGHT	45-33-06.350N 122-20-22.742W	Q R	17		KRB on dolphin. On same structure as Reed Island Range Front Light.	Visible all around; higher intensity on rangeline. Ra ref.
11555	- UPPER RANGE REAR LIGHT 387 yards, 154.3° from front light.	45-32-56.104N 122-20-16.260W	Iso R 6s	59		KRB on pile structure.	Visible 4° each side of rangeline.
	VANCOUVER TO THE DALLES (Chart 18531)						
11560	GARY ISLAND DIKE LIGHT 52	45-33-36.531N 122-20-50.270W	Fl R 4s	16	3	TR on dolphin.	
11565	Gary Island Dike Daybeacon 54	45-33-21.000N 122-20-39.000W				TR on pile structure.	
11570	REED ISLAND RANGE FRONT LIGHT	45-33-06.360N 122-20-23.340W	Q R	17		KRB on dolphin. On same structure as Washougal Upper Range Front Light.	Visible all around; higher intensity on rangeline. Ra ref.
11575	REED ISLAND RANGE REAR LIGHT 367 yards, 281° from front light.	45-33-08.160N 122-20-35.100W	Iso R 6s	61		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
			COLUMBIA RIVER - Thirteenth District				
	VANCOUVER TO THE DALLES (Chart 18531)						
11580	Reed Island Channel Buoy 61	45-32-46.815N 122-17-55.338W				Green can.	
11590	TUNNEL POINT LIGHT 64	45-32-34.291N 122-16-31.686W	Fl R 2.5s	30	3	TR on skeleton tower.	
11595	Point Vancouver Buoy 65	45-32-45.017N 122-16-06.256W				Green can.	
11600	SAND ISLAND LIGHT 66	45-33-02.399N 122-14-09.660W	Fl R 4s	18	4	TR on dolphin.	Higher intensity beam up and down channel.
	Cape Horn						
11605	- LIGHT 67	45-33-44.820N 122-12-42.180W	Fl G 4s	28	4	SG on tower.	
11610	- Buoy 68	45-33-54.877N 122-11-53.647W				Red nun.	
11615	- RANGE FRONT LIGHT	45-34-04.654N 122-11-36.428W	Q R	26		KRB on pile.	Visible all around; higher intensity on rangeline. Ra ref.
11620	- RANGE REAR LIGHT 784 yards, 062.2° from front light.	45-34-15.490N 122-11-07.122W	Iso R 6s	60		KRB on steel tower.	Visible 5.5° each side of rangeline.
11625	CANDIANA LIGHT 69	45-34-29.077N 122-11-23.379W	Fl G 4s	28	4	SG on skeleton tower.	
	Fashion Reef						
11630	- LOWER RANGE FRONT LIGHT	45-35-06.240N 122-07-37.680W	Q G	38		KRB on pile structure.	Visible 4° each side of rengeline; higher intensity on rangeline.
11635	- LOWER RANGE REAR LIGHT 684 yards, 077.8° from front light.	45-35-10.665N 122-07-09.469W	Iso G 6s	55		KRB on skeleton tower on pile structure.	Visible 4° each side of rangeline.
11640	CAPE HORN DIKE LIGHT 71	45-34-44.529N 122-10-32.550W	Fl G 2.5s	16	3	SG on dolphin.	
11645	PRINDLE DIKE LIGHT 73	45-34-57.337N 122-09-29.867W	Fl G 6s	15	4	SG on dolphin.	
11655	- Buoy 75	45-35-02.426N 122-08-28.314W				Green can.	
11660	- *Lighted Buoy 76*	45-34-57.736N 122-08-01.515W	Fl R 2.5s		3	Red.	
	Multnomah Falls						
11665	- BAR RANGE FRONT LIGHT	45-34-50.669N 122-06-28.888W	Q R	36		KRB on dolphin.	Visible 4° each side of rangeline.
11670	- BAR RANGE REAR LIGHT 242 yards, 098° from front light.	45-34-49.675N 122-06-19.880W	Iso R 6s	55		KRB on skeleton tower.	Visible 4° each side of rangeline.
11675	- Buoy 79	45-34-58.545N 122-07-30.952W				Green can.	
11680	- DIKE LIGHT 82	45-34-54.678N 122-06-24.768W	Fl R 4s	18	3	TR on pile.	
11685	- *Lighted Buoy 83*	45-34-58.425N 122-06-32.310W	Fl G 4s		3	Green.	
11690	- Buoy 83A	45-35-10.825N 122-05-50.409W				Green can.	
11695	- DIKE LIGHT 84	45-35-10.458N 122-05-29.484W	Fl R 2.5s	38	3	TR on pipe.	
11700	- UPPER RANGE FRONT LIGHT	45-36-49.700N 122-02-05.535W	Q W	31		KRB on pile structure. On same structure as Warrendale Lower Range Front Light.	Visible all around; higher intensity on range line.
11705	- UPPER RANGE REAR LIGHT 1025 yards, 057°from front light.	45-37-06.399N 122-01-28.718W	Iso W 6s	53		KRB on skeleton tower.	Visible 4° each side of range line.
11710	SKAMANIA LIGHT 85	45-36-25.200N 122-03-20.460W	Fl G 4s	19	4	SG on pile structure.	Higher intensity beam up and down channel.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	VANCOUVER TO THE DALLES (Chart 18531)						
	Warrendale						
11715	- LOWER RANGE FRONT LIGHT	45-36-49.560N 122-02-05.760W	Q W	31		KRB on pile structure. On same structure as Multnomah Falls Upper Range Front Light.	Visible all around; higher intensity on range line.
11720	- LOWER RANGE REAR LIGHT 224 yards, 264°from front light.	45-36-48.960N 122-02-15.360W	Iso W 6s	53		KRB on skeleton tower.	Visible 5.5° each side of range line.
11725	MCGOWANS LIGHT 88	45-36-42.540N 122-01-39.960W	Fl R 4s	10	3	TR on pile structure.	
11730	- UPPER RANGE FRONT LIGHT	45-36-51.540N 122-00-34.680W	Q W	26		KRB on tower.	Visible all around; higher intensity on rangeline.
11735	- UPPER RANGE REAR LIGHT 255 yards, 244.5° from front light.	45-36-49.020N 122-00-44.520W	Iso W 6s	46		KRB on skeleton tower.	Visible 14° each side of range line.
11740	IVES ISLAND LIGHT 91	45-37-24.396N 121-59-10.920W	Fl G 4s	20	4	SG on pile.	
11745	MOFFETTS CREEK LIGHT 92	45-37-19.252N 121-59-02.827W	Fl R 4s	27	4	TR on tower.	
11747	BONNEVILLE LOCK ENTRANCE LIGHT 93	45-38-10.560N 121-57-25.680W	Fl G 6s	40	4	SG on tower.	
11749	BONNEVILLE LOCK ENTRANCE LIGHT 94	45-38-03.120N 121-57-37.020W	Fl R 4s	50	3	TR on skeleton tower.	
	VANCOUVER TO BONNEVILLE (Chart 18531)						
	Bonneville Pool						
11765	- LIGHT 3	45-38-29.229N 121-56-08.528W	Fl G 4s	40	4	SG on skeleton tower.	
11770	- LIGHT 4	45-38-30.085N 121-55-56.508W	Fl R 4s	20	3	TR on pile.	
11775	- LIGHT 5	45-38-43.560N 121-55-45.960W	Fl G 6s	15	4	SG on tower.	
11790	- LIGHT 7	45-39-18.480N 121-54-37.980W	Fl G 4s	19	4	SG on skeleton tower.	
	BONNEVILLE TO THE DALLES (Chart 18532)						
	Cascade Rapids						
11795	- LOWER RANGE FRONT LIGHT 8	45-39-32.716N 121-54-02.093W	Q W	42		KRB on skeleton tower, TR oriented down channel.	Visible all around; higher intensity on rangeline.
11800	- LOWER RANGE REAR LIGHT 113 yards, 176.5° from front light.	45-39-29.160N 121-54-01.800W	Iso W 6s	60		KRB on skeleton tower.	Visible 14° each side of rangeline.
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	45-41-18.380N 121-53-06.639W	Q G	27		KRB on pile, SG oriented upstream.	Visible all around; higher intensity on rangeline.
11810	- UPPER RANGE REAR LIGHT 433 yards, 031.5° from front light.	45-41-29.238N 121-52-57.207W	Iso G 6s	48		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
	Bonneville Pool						
11815	- LIGHT 12	45-40-13.973N 121-53-51.337W	Fl R 4s	25	3	TR on skeleton tower.	
11820	- LIGHT 14	45-40-55.270N 121-53-16.837W	Q R	20	3	TR on multi-pile structure.	
11825	STEVENSON LOWER RANGE FRONT LIGHT	45-40-42.294N 121-53-57.855W	Q W	23		KRB on concrete base.	Visible 4° each side of rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	BONNEVILLE TO THE DALLES (Chart 18532)						
	Bonneville Pool						
11830	STEVENSON LOWER RANGE REAR LIGHT 950 yards, 238.8° from front light.	45-40-27.380N 121-54-31.619W	Iso W 6s	48		KRB on skeleton tower.	Visible 4° each side of rangeline.
11835	- Buoy 16	45-41-30.691N 121-52-03.535W				Red nun.	
11840	WIND MOUNTAIN LOWER RANGE FRONT LIGHT 17	45-42-05.868N 121-50-48.544W	Q G	26		KRB on concrete piles, SG oriented up and downstream.	Visible all around; higher intensity on rangeline.
11845	WIND MOUNTAIN LOWER RANGE REAR LIGHT 840 yards, 275° from front light.	45-42-08.054N 121-51-25.081W	Iso G 6s	51		KRB on skeleton tower.	Visible 14° each side of rangeline.
11850	- Buoy 18	45-41-51.271N 121-50-42.982W				Red nun.	
11855	- LIGHT 22	45-41-53.700N 121-48-37.260W	Fl R 4s	15	3	TR on concrete pillars.	
11857	Wind River Regulatory Buoys (4)	45-42-41.000N 121-47-50.000W				White steel float balls with orange markings.	Private aid.
11858	WYETH BOAT RAMP BREAKWATER LIGHT 1	45-41-40.231N 121-46-26.742W	Fl G 4s			SG on breakwater.	Private aid.
11859	WYETH BOAT RAMP BREAKWATER LIGHT 2	45-41-40.335N 121-46-24.479W	Fl R 4s			TR on breakwater.	Private aid.
11860	- LIGHT 23	45-41-48.240N 121-44-13.860W	Fl G 6s	15	4	SG on dolphin.	
11865	- LIGHT 25	45-41-50.160N 121-42-24.000W	Fl G 4s	31	4	SG on pile.	
11870	WIND MOUNTAIN UPPER RANGE FRONT LIGHT 26	45-41-34.431N 121-42-09.147W	Q R	26		KRB on dolphin, TR oriented upstream.	Visible all around; higher intensity on rangeline. Ra ref.
11875	WIND MOUNTAIN UPPER RANGE REAR LIGHT 900 yards, 095° from front light.	45-41-31.210N 121-41-16.761W	Iso R 6s	63		KRB on pile structure.	Visible 5.5° each side of rangeline.
11880	COOK POINT RANGE FRONT LIGHT	45-42-29.738N 121-39-41.266W	Q W	30		KRB on rock face.	Visible all around; higher intensity on rangeline.
11885	COOK POINT RANGE REAR LIGHT 1,050 yards, 068° from front light.	45-42-41.164N 121-39-01.804W	Iso W 6s	58		KRB on skeleton tower.	Visible 4° each side of rangeline.
11890	- Daybeacon 28	45-42-02.198N 121-40-08.127W				TR on pile.	
11895	LITTLE WHITE SALMON UPPER RANGE FRONT LIGHT 30	45-42-18.171N 121-36-45.666W	Q R	27		KRB on rock face, TR oriented up channel.	Visible all around; higher intensity on rangeline.
11900	LITTLE WHITE SALMON UPPER RANGE REAR LIGHT 470 yards, 086.5° from front light.	45-42-19.140N 121-36-25.740W	Iso R 6s	53		KRB on skeleton tower.	Visible 4° each side of rangeline.
11905	- *Lighted Buoy 32*	45-42-33.510N 121-35-53.075W	Fl R 4s		3	Red.	
11910	- *Lighted Buoy 34*	45-43-22.528N 121-32-39.504W	Fl R 2.5s		3	Red.	
11915	HOOD RIVER RANGE FRONT LIGHT	45-43-26.739N 121-29-51.402W	Q W	25		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
11920	HOOD RIVER RANGE REAR LIGHT 280 yards, 092° from front light.	45-43-26.511N 121-29-39.242W	Iso W 6s	55		KRB on skeleton tower.	Visible 4° each side of rangeline.
11925	- LIGHT 35	45-43-38.150N 121-30-41.588W	Fl G 4s	14	4	SG on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	BONNEVILLE TO THE DALLES (Chart 18532)						
	Hood River						
11930	- Bridge Approach Buoy 35A	45-43-10.482N 121-29-42.830W				Green can.	
11932	- Buoy 36	45-43-19.541N 121-30-26.079W				Red nun.	
11935	- Bridge Approach Buoy 37	45-43-06.018N 121-29-34.443W				Green can.	
11940	- Bridge Approach Buoy 38	45-43-02.236N 121-29-36.849W				Red nun.	
11956	- Boat Basin Daybeacon 1	45-42-59.938N 121-30-34.593W				SG on dolphin.	
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	Fl R 4s	13		On pipe.	Private aid.
11970	- MARINA ENTRANCE EAST LIGHT	45-42-50.000N 121-29-59.000W	Fl G 4s	13		On pile.	Private aid.
	Bonneville Pool						
11985	- *Lighted Buoy 39*	45-42-13.330N 121-27-42.793W	Fl G 4s		4	Green.	
11990	BINGEN RANGE FRONT LIGHT	45-41-42.049N 121-26-41.422W	Q R	27		KRB on skeleton tower.	Visible 4° each side of rangeline.
11995	BINGEN RANGE REAR LIGHT 1,600 yards, 123° from front light.	45-41-15.780N 121-25-45.619W	Iso R 6s	60		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
12000	BINGEN BOAT BASIN ENTRANCE LIGHT 3	45-42-14.640N 121-27-15.660W	Fl G 6s	27	4	SG on pile.	
12005	Bingen Boat Basin Entrance Daybeacon 4	45-42-15.279N 121-27-11.595W				TR on pile.	
12010	- LIGHT 41	45-41-55.980N 121-25-27.480W	Fl G 2.5s	11	3	SG on platform.	Ra ref.
12015	- *Lighted Buoy 42*	45-41-51.371N 121-25-58.798W	Fl R 2.5s		3		
12020	- LIGHT 45	45-41-50.520N 121-23-45.360W	Fl G 4s	29	4	SG on skeleton tower.	
12025	- Buoy 45A	45-41-55.342N 121-23-15.906W				Green can.	Ra ref.
12030	- LIGHT 47	45-42-22.448N 121-22-39.773W	Fl G 6s	39	4	SG on tower.	
12035	- Water Intake Warning Sign	45-42-01.000N 121-22-07.000W				NW on pile structure worded DANGER.	Private aid.
12040	- LIGHT 48	45-42-04.200N 121-21-55.320W	Fl R 4s	26	3	TR on tower.	
12045	- LIGHT 50	45-42-15.223N 121-20-28.401W	Fl R 6s	26	4	TR on pile structure.	
12051	- Daybeacon 51	45-42-18.911N 121-20-25.310W				SG on single steel pile.	
12055	MEMALOOSE ISLAND SOUTH LIGHT 1	45-42-07.002N 121-20-29.711W	Fl G 2.5s	28	3	SG on tower.	
12060	Memaloose Island South Daybeacon 2	45-42-02.520N 121-20-28.980W				TR on pile.	Ra ref.
12065	- LIGHT 53	45-42-18.300N 121-20-09.900W	Fl G 4s	26	4	SG on pile structure.	
12070	- LIGHT 54	45-41-38.640N 121-18-21.900W	Fl R 4s	21	4	TR on cylinder.	
12075	- Daybeacon 55	45-41-37.704N 121-17-50.870W				SG on pile.	Ra ref.
12080	- LIGHT 56	45-41-06.635N 121-17-10.686W	Fl R 2.5s	26	4	TR on skeleton tower.	Visible all around; higher intensity beam upstream.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	BONNEVILLE TO THE DALLES (Chart 18532)						
	Bonneville Pool						
12085	- LIGHT 57	45-41-17.474N 121-17-11.630W	Fl G 2.5s	30	3	SG on skeleton tower.	Ra ref.
12090	- LIGHT 57A	45-40-33.505N 121-14-04.339W	Fl G 4s	35	4	SG on skeleton tower.	
12095	- *Lighted Buoy 58*	45-40-16.715N 121-13-34.188W	Fl R 4s		3	Red.	
12100	- LIGHT 60	45-39-51.889N 121-12-59.456W	Fl R 6s	22	4	TR on concrete piles.	
12105	- LIGHT 62	45-38-55.620N 121-12-07.080W	Fl R 2.5s	40	4	TR on tower.	
12110	- LIGHT 64	45-37-35.460N 121-11-48.000W	Fl R 4s	17	4	TR on concrete crib.	
12120	THE DALLES BOAT BASIN LIGHT 2	45-36-07.980N 121-10-26.460W	Fl R 4s	19	4	TR on dolphin.	
12125	- LIGHT 67	45-36-35.722N 121-08-52.202W	Fl G 2.5s	21	4	SG on house.	
12130	- Buoy 69	45-36-33.328N 121-08-52.269W				Green can.	
	LAKE CELILO (Chart 18533)						
	The Dalles to John Day Dam						
	The Dalles Dam						
12135	- Buoy A Marks restricted area.	45-37-04.505N 121-07-58.130W				White can with orange bands and orange diamond with orange center cross worded DAM.	
12140	- Buoy B Marks restricted area.	45-37-07.417N 121-07-45.277W				White can with orange bands and orange diamond with orange center cross worded DAM.	
12145	- Buoy C Marks restricted area.	45-37-10.013N 121-07-34.289W				White can with orange bands and orange diamond with orange center cross worded DAM.	
12150	- Buoy D Marks restricted area.	45-37-11.965N 121-07-25.759W				White can with orange bands and orange diamond with orange center cross worded DAM.	
	Lake Celilo						
12155	- LIGHT 1	45-37-31.603N 121-07-19.353W	Fl G 4s	21	4	SG on tower.	
12160	- LIGHT 3	45-37-54.849N 121-06-41.039W	Fl G 6s	21	4	SG on concrete pillars.	Higher intensity beam up and down channel.
12165	- LIGHT 4	45-38-16.227N 121-05-41.357W	Fl R 4s	15	4	TR on concrete pillars.	Higher intensity beam up and down channel.
12170	- Daybeacon 6	45-38-40.128N 121-05-10.050W				TR on pile.	
12175	- LIGHT 7	45-39-08.819N 121-04-45.613W	Fl G 2.5s	17	3	SG on concrete pillars.	
12180	- Buoy 8	45-39-14.639N 121-03-59.569W				Red nun.	
12185	- LIGHT 9	45-39-25.571N 121-03-30.052W	Fl G 4s	23	4	SG on concrete pillars.	
12190	- LIGHT 10	45-39-25.020N 121-02-21.180W	Fl R 4s	31	3	TR on multi-pile structure.	Ra ref.
12195	- *Lighted Buoy 11*	45-39-34.546N 121-01-38.792W	Fl G 6s		3		
12200	- LIGHT 12	45-39-10.835N 121-00-33.714W	Fl R 2.5s	15	3	TR on pile structure.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			COLUMBIA RIVER - Thirteenth District				
	LAKE CELILO (Chart 18533)						
	Lake Celilo						
12205	- LIGHT 18	45-38-44.160N 120-58-20.220W	Fl R 4s	15	3	TR on concrete pier.	
12210	- Daybeacon 20	45-38-55.140N 120-58-00.960W				TR on concrete pier.	
12215	- BOAT BASIN LIGHT 22	45-39-01.000N 120-57-51.240W	Q R	17	4	TR on concrete pier.	
12220	Hells Gate Range A Front Daybeacon	45-39-19.260N 120-54-18.180W				KGB on skeleton tower.	
12225	Hells Gate Range A Rear Daybeacon 205 yards, 093° from front daybeacon.	45-39-19.140N 120-54-08.760W				KGB on skeleton tower.	
12230	- Daybeacon 27	45-39-44.064N 120-53-07.252W				SG on pile.	
12235	MILLER ISLAND SOUTH CHANNEL RANGE A FRONT LIGHT	45-39-39.588N 120-56-47.634W	Q G	44		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
12240	MILLER ISLAND SOUTH CHANNEL RANGE A REAR LIGHT 220 yards, 335° from front light.	45-39-44.890N 120-56-53.274W	Iso G 6s	55		KRB on skeleton tower.	Visible 4° each side of rangeline.
12245	- SOUTH CHANNEL LIGHT 2	45-38-53.083N 120-56-06.177W	Fl R 6s	19	4	TR on skeleton tower.	Higher intensity beam up channel.
12251	- SOUTH CHANNEL LIGHT 3	45-38-51.157N 120-55-45.308W	Fl G 4s	19	4	On multi-pile structure.	
12255	MILLER ISLAND SOUTH CHANNEL RANGE B FRONT LIGHT	45-38-15.186N 120-54-01.488W	Q G	42		KRB on skeleton tower.	Visible 4° each side of rangeline.
12260	MILLER ISLAND SOUTH CHANNEL RANGE B REAR LIGHT 235 yards, 114° from front light.	45-38-12.264N 120-53-51.864W	Iso G 6s	74		KRB on skeleton tower.	Visible 4° each side of rangeline.
12265	- South Channel Daybeacon 4	45-38-21.360N 120-55-05.760W				TR on pile.	
12270	- South Channel Daybeacon 5	45-38-34.000N 120-54-21.233W				SG on pile structure.	Ra ref.
12275	MILLER ISLAND SOUTH CHANNEL RANGE C FRONT LIGHT	45-38-08.424N 120-54-44.520W	Q G	40		KRB on skeleton tower.	Visible 4° each side of rangeline.
12280	MILLER ISLAND SOUTH CHANNEL RANGE C REAR LIGHT 800 yards, 228° from front light.	45-37-59.874N 120-54-59.424W	Iso G 6s	110		KRB on skeleton tower.	Visible 4° each side of rangeline.
12285	Hells Gate Range B Front Daybeacon	45-39-47.430N 120-51-24.234W				KGB on skeleton tower.	
12290	Hells Gate Range B Rear Daybeacon 410 yards, 092.5° from front daybeacon.	45-39-46.896N 120-51-04.710W				KGB on skeleton tower.	
12295	- Buoy 29	45-39-53.955N 120-51-58.955W				Green can.	
12300	- *Lighted Buoy 31*	45-40-18.000N 120-51-26.000W	Fl G 4s		4	Green.	
12306	TIDEWATER MOORING BARGE LIGHT A	45-40-09.550N 120-50-39.590W	Fl Y 10s	13		On mooring barge.	Private aid.
12311	TIDEWATER MOORING BARGE LIGHT B	45-40-08.100N 120-50-42.750W	Fl Y 10s	13		On mooring barge.	Private aid.
12320	- Buoy 32	45-40-21.033N 120-50-39.063W				Red nun.	
	Maryhill-Biggs Bridge Approach						
12325	- Buoy 33	45-40-35.774N 120-50-17.247W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			COLUMBIA RIVER - Thirteenth District				
	LAKE CELILO (Chart 18533)						
	Lake Celilo						
	Maryhill-Biggs Bridge Approach						
12330	- Buoy 34	45-40-31.282N 120-50-16.366W				Red nun.	
12335	- Buoy 35	45-40-38.727N 120-50-04.506W				Green can.	
12340	- Buoy 36	45-40-33.908N 120-50-01.455W				Red nun.	
	Lake Celilo						
12345	- Daybeacon 40	45-40-59.220N 120-47-49.920W				TR on pile.	
12350	- LIGHT 41	45-41-22.666N 120-47-19.801W	Fl G 4s	15	4	SG on skeleton tower.	
12355	- Daybeacon 42	45-41-31.328N 120-45-51.749W				TR on pile.	
12360	- Buoy 45	45-42-20.453N 120-43-50.547W				Green can.	
12365	- Daybeacon JD	45-42-16.068N 120-43-22.796W				NB on concrete pillar.	
	JOHN DAY DAM TO BLALOCK (Chart 18535)						
	John Day						
12370	LAKE CELILO LIGHT 46 100 feet outside channel limit.	45-42-34.488N 120-43-01.675W	Fl R 6s	28	5	TR on dolphin.	Higher intensity beam down channel.
12375	- RANGE FRONT LIGHT	45-42-56.049N 120-42-15.674W	Q G	20		KRB on platform.	Visible 5.5° each side of rangeline.
12380	- RANGE REAR LIGHT 275 yards, 060.8° from front light.	45-42-59.448N 120-42-04.213W	Iso G 6s	35		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
12385	- DAM LOWER BREAKWATER LIGHT 2	45-43-05.000N 120-42-09.000W	Fl R 2s	17		On breakwater.	Maintained by U.S. Army Corps of Engineers. Private aid.
12390	- DAM LOWER GUIDEWALL LIGHT 4 700 feet below lock gate.	45-43-05.000N 120-42-04.000W	F R	27		On breakwater.	Maintained by U.S. Army Corps of Engineers. Private aid.
	Lake Umatilla						
12395	- LIGHT 1	45-43-24.540N 120-41-23.460W	Fl G 2.5s	20	5	SG on pile.	On rock pinnacle.
12400	- *Lighted Buoy 2* Marks restricted area.	45-43-21.309N 120-41-14.462W	Fl R 4s		3	Red.	
12405	John Day Dam Buoy A Marks restricted area.	45-43-14.073N 120-41-10.044W				White can with orange bands and orange diamond with orange center cross worded DAM.	
12410	John Day Dam Buoy B Marks restricted area.	45-43-10.115N 120-41-05.171W				White can with orange bands and orange diamond with orange center cross worded DAM.	
12415	John Day Dam Buoy C Marks restricted area.	45-43-04.140N 120-40-58.796W				White can with orange bands and orange diamond with orange center cross worded DAM.	
12420	- Daybeacon 4	45-44-09.000N 120-38-45.600W				TR on skeleton tower.	
12425	- LIGHT 5	45-45-02.862N 120-37-40.074W	Fl G 4s	27	4	SG on skeleton tower.	
12430	- LIGHT 6	45-44-13.074N 120-34-36.000W	Fl R 2.5s	61	4	TR on platform.	
12435	- *Lighted Buoy 8*	45-42-32.035N 120-31-20.200W	Fl R 4s		3	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	JOHN DAY DAM TO BLALOCK (Chart 18535)						
	Lake Umatilla						
12440	- LIGHT 9	45-42-18.540N 120-30-10.440W	Fl G 4s	22	4	SG on skeleton tower.	
12445	- *Lighted Buoy 10*	45-41-50.266N 120-30-19.324W	Fl R 6s		4	Red.	
12450	- LIGHT 12	45-41-28.680N 120-27-55.380W	Fl R 2.5s	15	4	TR on pile.	
12455	- LIGHT 11	45-42-09.360N 120-27-37.620W	Fl G 6s	55	4	SG on skeleton tower.	
12460	- LIGHT 13	45-42-02.417N 120-26-30.118W	Fl G 2.5s	15	4	SG on pile.	
12465	- LIGHT 15	45-42-24.000N 120-23-15.720W	Fl G 4s	28	4	SG on skeleton tower.	
	SUNDALE TO HEPPNER JUNCTION (Chart 18536)						
	Lake Umatilla						
12470	- LIGHT 17	45-42-46.500N 120-20-24.600W	Fl G 6s	69	4	SG on skeleton tower.	
12475	- LIGHT 18	45-42-59.100N 120-17-01.260W	Fl R 4s	35	4	TR on skeleton tower.	
12481	PORT OF ARLINGTON MARINA LIGHT 1	45-43-17.220N 120-12-35.220W	Fl G 6s			SG on pipe pole.	Private aid.
12482	PORT OF ARLINGTON MARINA LIGHT 2	45-43-18.660N 120-12-40.320W	Fl R 6s			TR on pipe pole.	Private aid.
12485	ARLINGTON CARGILL LIGHT	45-43-26.200N 120-12-21.060W	F Y	55		Loading tower of grain elevator.	Private aid.
12490	- LIGHT 21	45-44-09.790N 120-12-00.857W	Fl G 2.5s	15	4	SG on pile.	
12495	- LIGHT 22	45-45-15.462N 120-10-06.930W	Fl R 4s	10	4	TR on skeleton tower.	
12500	- Daybeacon 23	45-45-15.780N 120-11-21.840W				SG on skeleton tower.	
12505	- LIGHT 23A	45-46-56.310N 120-07-49.704W	Fl G 6s	27	4	SG on skeleton tower.	Ra ref.
12510	- LIGHT 25	45-47-16.158N 120-05-28.680W	Fl G 4s	34	4	SG on skeleton tower.	
12515	- LIGHT 26	45-47-36.600N 120-01-55.500W	Fl R 6s	37	4	TR on skeleton tower.	
12520	- LIGHT 27	45-49-00.720N 119-59-46.260W	Fl G 2.5s	29	4	SG on skeleton tower.	
	ALDERDALE TO BLALOCK ISLANDS (Chart 18537)						
	Lake Umatilla						
12525	- LIGHT 28	45-49-05.472N 119-58-04.131W	Fl R 4s	15	4	TR on pile.	
12530	- LIGHT 29	45-49-53.473N 119-56-16.123W	Fl G 4s	15	4	SG on dolphin.	
12535	- LIGHT 30	45-49-26.859N 119-55-52.917W	Fl R 2.5s	15	4	TR on pile structure.	
12540	- LIGHT 31	45-50-32.736N 119-51-37.807W	Fl G 6s	15	4	SG on pile structure.	
12545	- LIGHT 32	45-50-09.622N 119-51-15.157W	Fl R 6s	15	4	TR on pile.	
12550	- LIGHT 34	45-50-38.268N 119-49-02.118W	Fl R 4s	15	5	TR on dolphin.	
12555	- LIGHT 35	45-51-03.960N 119-48-36.000W	Fl G 4s	55	4	SG on skeleton tower.	
12560	- LIGHT 36	45-50-42.547N 119-46-58.821W	Fl R 6s	15	4	TR on pile structure.	
12565	- LIGHT 37	45-51-08.160N 119-45-34.560W	Fl G 6s	15	4	SG on pile.	
12570	MESSNER LOWER RANGE FRONT LIGHT	45-51-01.130N 119-41-36.020W	Fl R 2.5s (NIGHT) Fl W 2.5s (DAY)	41 41		Skeleton tower.	Day range visible 0.5° each side of rangeline. Night range visible 1.5° each side of rangeline. Lighted throughout 24 hours.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	ALDERDALE TO BLALOCK ISLANDS (Chart 18537)						
	Lake Umatilla						
12575	MESSNER LOWER RANGE REAR LIGHT 183 yards, 088° from front light.	45-51-01.325N 119-41-28.239W	Iso R 6s (NIGHT) Iso W 6s (DAY)	64 64		Skeleton tower.	Day range visible 0.5° each side of rangeline. Night range visible 1.5° each side of rangeline. Lighted throughout 24 hours.
12580	- LIGHT 39	45-51-06.160N 119-43-07.213W	Fl G 2.5s	15	4	SG on dolphin.	Ra ref.
12585	BOARDMAN MARINE PARK ENTRANCE LIGHT 1	45-50-41.477N 119-42-46.101W	Fl G 4s	17	4	SG on platform.	
12590	BOARDMAN MARINE PARK ENTRANCE LIGHT 2	45-50-43.410N 119-42-49.464W	Fl R 4s	17	3	TR on platform.	
12595	MESSNER MIDDLE RANGE FRONT LIGHT	45-51-34.875N 119-39-33.908W	Q W	29		KRB on pile structure.	Visible all around; higher intensity on rangeline.
12600	MESSNER MIDDLE RANGE REAR LIGHT 183 yards, 076.2° from front light.	45-51-36.165N 119-39-26.359W	Iso W 6s	47		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
12605	- LIGHT 40	45-51-10.920N 119-41-25.680W	Fl R 4s	15	4	TR on dolphin.	
12610	- LIGHT 41	45-51-29.769N 119-40-27.915W	Fl G 4s	15	4	SG on dolphin.	Higher intensity beam up and down channel. Ra ref.
12615	MESSNER UPPER RANGE FRONT LIGHT	45-51-17.503N 119-39-58.920W	Q R	14		KRB on pile structure.	Visible 4° each side of rangeline.
12620	MESSNER UPPER RANGE REAR LIGHT 300 yards, 211.3° from front light.	45-51-09.925N 119-40-05.531W	Iso R 6s	43		KRB on skeleton tower.	Visible 4° each side of rangeline.
12625	- LIGHT 43	45-51-56.157N 119-39-41.314W	Fl G 6s	17	4	SG on dolphin.	
12627	*Boardman Water Intake Pipe Lighted Buoy*	45-51-51.321N 119-39-21.502W	Fl Y 4s			Yellow can.	Private aid.
12630	- LIGHT 45	45-52-23.820N 119-39-11.376W	Fl G 4s	15	4	SG on dolphin.	Higher intensity beam up and down channel.
12635	- Daybeacon 46	45-52-53.478N 119-38-16.095W				TR on pile.	Ra ref.
	BLALOCK ISLAND TO McNARY DAM (CHART 18539)						
	Lake Umatilla						
12640	- LIGHT 49	45-53-20.160N 119-38-25.560W	Fl G 6s	15	4	SG on pile.	
12645	- LIGHT 50	45-53-42.240N 119-37-34.740W	Fl R 4s	19	4	TR on pile.	
12650	- LIGHT 51	45-54-52.860N 119-36-48.300W	Q G	15	4	SG on dolphin.	
12655	- LIGHT 53	45-55-20.925N 119-35-46.491W	Fl G 4s	15	4	SG on dolphin.	
12660	- LIGHT 55	45-55-29.760N 119-35-07.560W	Fl G 6s	15	4	SG on pile.	
12665	IRRIGON LOWER RANGE FRONT LIGHT 60	45-54-08.866N 119-30-50.043W	Q R	34		KRW on skeleton tower, TR oriented upstream.	Visible all around; higher intensity on rangeline.
12670	IRRIGON LOWER RANGE REAR LIGHT 352 yards, 117.5° from front light.	45-54-04.065N 119-30-36.765W	Iso R 6s	50		KRW on skeleton tower.	Visible 4° each side of rangeline.
12680	- LIGHT 57	45-54-44.629N 119-32-19.423W	Fl G 4s	16	4	SG on dolphin.	
12685	- LIGHT 59	45-54-27.128N 119-31-14.739W	Fl G 2.5s	17	4	SG on dolphin.	
12690	IRRIGON MIDDLE RANGE FRONT LIGHT 67	45-55-19.198N 119-26-32.600W	Q G	36		KRW on skeleton tower, SG oriented upstream.	Visible all around; higher intensity on rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	BLALOCK ISLAND TO McNARY DAM (CHART 18539)						
	Lake Umatilla						
12695	IRRIGON MIDDLE RANGE REAR LIGHT 318 yards, 064.3° from front light.	45-55-23.270N 119-26-20.414W	Iso G 6s	59		KRW on skeleton tower.	Visible 14° each side of rangeline.
12700	- LIGHT 62	45-54-18.495N 119-29-00.384W	Fl R 2.5s	17	4	TR on dolphin.	
12705	- LIGHT 64	45-54-44.546N 119-27-55.245W	Fl R 4s	18	4	TR on dolphin.	
12710	PUMP STATION INTAKE LIGHT	45-54-52.000N 119-25-53.000W	Fl R 10s			On end of intake pipe.	Private aid.
12715	IRRIGON UPPER RANGE FRONT LIGHT	45-55-09.063N 119-27-29.873W	Q W	45		KRB on skeleton tower.	Visible 4° each side of rangeline.
12720	IRRIGON UPPER RANGE REAR LIGHT 660 yards, 268.6° from front light.	45-55-08.574N 119-27-57.938W	Iso W 6s	68		KRB on skeleton tower.	Visible 4° each side of rangeline.
12725	- Buoy 70	45-55-07.478N 119-24-33.072W				Red nun.	
12730	- LIGHT 72	45-55-58.218N 119-23-39.230W	Fl R 4s	25	4	TR on dolphin.	
12735	- LIGHT 73	45-55-33.957N 119-21-46.337W	Fl G 4s	23	5	SG on pile.	
12740	UMATILLA MARINA ENTRANCE LIGHT 1	45-55-35.357N 119-19-55.953W	Fl G 6s	15	4	SG on pile.	
12745	- Buoy 75	45-55-48.298N 119-19-59.924W				Green can.	
12750	- Buoy 76	45-55-49.327N 119-19-45.943W				Red nun.	
12755	- Buoy 77	45-55-58.504N 119-19-38.055W				Green can.	
12760	- Buoy 78	45-55-53.344N 119-19-35.623W				Red nun.	
12765	MCNARY RANGE FRONT LIGHT	45-56-21.569N 119-18-36.977W	Q G	36		KRW on skeleton tower.	Visible 4° each side of rangeline.
12770	MCNARY RANGE REAR LIGHT 434 yards, 058.7° from front light.	45-56-28.230N 119-18-21.199W	Iso G 6s	63		KRW on skeleton tower.	Visible 4° each side of rangeline.
	MCNARY DAM TO JUNIPER (Chart 18541)						
	Lake Wallula						
	McNary Boat Ramp						
12815	*Lake Wallula Lighted Buoy 2*	45-56-27.752N 119-17-16.231W	Fl R 4s		3	Red.	
	McNary Dam *Buoys mark restricted area.*						
12820	- Buoy A	45-56-27.790N 119-17-26.098W				White can with orange bands and orange diamond with orange center cross worded A.	
12825	- Buoy B	45-56-20.984N 119-17-17.837W				White can with orange bands and orange diamond with orange center cross worded B.	
12830	- Buoy C	45-56-14.982N 119-17-19.438W				White can with orange bands and orange diamond with orange center cross worded C.	
12835	- Buoy D	45-56-08.378N 119-17-20.756W				White can with orange bands and orange diamond with orange center cross worded D.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	MCNARY DAM TO JUNIPER (Chart 18541)						
	Lake Wallula						
	McNary Dam						
	Buoys mark restricted area.						
12840	- Buoy E	45-56-01.868N 119-17-22.149W				White can with orange bands and orange diamond with orange center cross worded E.	
12845	- Buoy F	45-55-55.536N 119-17-23.955W				White can with orange bands and orange diamond with orange center cross worded DAM.	
12850	- Buoy G	45-55-51.744N 119-17-28.740W				White can with orange bands and orange diamond with orange center cross worded DAM.	
12855	- Buoy H	45-55-47.516N 119-17-33.280W				White can with orange bands and orange diamond with orange center cross worded DAM.	
12860	*McNary Research Lighted Float*	45-56-15.250N 119-17-07.700W	Fl Y 6s			On float.	Private aid.
	Lake Wallula						
12865	- LIGHT 1	45-56-46.077N 119-16-44.757W	Fl G 4s	12	4	SG on tower.	
12870	- LIGHT 4	45-55-16.704N 119-09-58.038W	Fl R 6s	17	5	TR on tower.	Higher intensity beam down channel.
12873	- *Pump Station Lighted Buoys (5)*	45-55-24.540N 119-07-19.350W	Fl W 4s			White with orange bands and orange diamond with cross worded DANGER CLOSED AREA.	Private aid.
12875	- LIGHT 7	45-56-43.998N 119-06-27.042W	Fl G 6s	34	4	SG on tower.	
12880	- Daybeacon 9	45-57-40.554N 119-04-15.900W				SG on tower.	
12885	- Daybeacon 11	45-57-48.552N 119-03-58.644W				SG on tower.	
12890	- LIGHT 13	45-58-24.582N 119-01-58.404W	Fl G 4s	29	4	SG on tower.	
12895	- LIGHT 14	45-59-40.548N 118-59-00.750W	Fl R 4s	80	4	TR on tower.	
	JUNIPER TO PASCO (Chart 18542)						
	Lake Wallula						
12900	Port Kelley Range A Front Daybeacon	46-01-35.481N 118-56-10.004W				KRB on skeleton tower.	Private aid.
12905	Port Kelley Range A Rear Daybeacon 235 yards, 075.5° from front daybeacon.	46-01-41.481N 118-56-16.004W				KRB on skeleton tower.	Private aid.
12910	- LIGHT 20	46-02-42.281N 118-56-25.705W	Fl R 6s	22	4	TR on tower.	
	MCNARY DAM TO JUNIPER (Chart 18541)						
	Lake Wallula						
12915	- LIGHT 22	46-03-45.011N 118-56-19.945W	Fl R 4s	17	3	TR on pile.	
	JUNIPER TO PASCO (Chart 18542)						
	Lake Wallula						
	Boise Cascade						
12942	WORDEN FARMS PUMP STATION LIGHT A	46-05-08.000N 118-55-29.000W	Fl Y 4s	3		On steel structure.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			COLUMBIA RIVER - Thirteenth District				
	JUNIPER TO PASCO (Chart 18542)						
	Lake Wallula						
12965	- LIGHT 23	46-03-56.152N 118-57-00.567W	Fl G 4s	16	4	SG on platform.	
	MCNARY DAM TO JUNIPER (Chart 18541)						
	Lake Wallula						
12970	- LIGHT 26	46-06-05.882N 118-57-03.793W	Fl R 6s	17	4	TR on pile.	
12975	- LIGHT 27	46-06-22.943N 118-57-55.903W	Fl G 6s	17	4	SG on pile.	
	JUNIPER TO PASCO (Chart 18542)						
	Lake Wallula						
12980	- WEST CHANNEL JUNCTION LIGHT	46-07-34.098N 118-58-18.936W	Fl (2+1)G 6s	24	4	JG on dolphin.	
	MCNARY DAM TO JUNIPER (Chart 18541)						
	Lake Wallula						
12985	HOMLY CENTER CHANNEL LIGHT 1	46-08-06.090N 118-58-59.413W	Fl G 4s	17	4	SG on pile.	
12991	HOMLY CENTER CHANNEL LIGHT 2	46-09-07.211N 118-59-41.725W	Fl R 4s	17	3	TR on pile.	
	JUNIPER TO PASCO (Chart 18542)						
	Lake Wallula						
12995	- LIGHT 30	46-07-51.483N 118-57-50.902W	Fl R 2.5s	23	4	TR on pile.	
13000	- LIGHT 34	46-08-52.893N 118-58-40.375W	Fl R 4s	23	4	TR on dolphin.	
	MCNARY DAM TO JUNIPER (Chart 18541)						
	Lake Wallula						
13005	- Daybeacon 36	46-09-11.012N 118-59-02.905W				TR on pile.	
	JUNIPER TO PASCO (Chart 18542)						
	Lake Wallula						
13010	- Junction Daybeacon	46-09-28.953N 118-59-53.749W				JG on pile.	Ra ref.
13015	- LIGHT 38	46-10-03.282N 118-59-57.486W	Fl R 6s	40	4	TR on skeleton tower.	Higher intensity beam down channel.
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.
13030	- Daybeacon 42	46-11-27.846N 119-01-32.280W				TR on pile.	Ra ref.
13040	SNAKE RIVER JUNCTION LIGHT S	46-11-52.770N 119-02-22.788W	Fl (2+1)G 6s	16	4	JG on platform.	
13045	- Daybeacon 44	46-12-09.852N 119-03-31.068W				TR on pile.	Ra ref.
13050	- LIGHT 46	46-12-32.298N 119-04-44.886W	Fl R 6s		5	TR on pile.	
13053	CLOVER ISLAND LIGHTHOUSE	46-13-03.570N 119-06-58.610W	Fl W 4s			Black and tan conical tower.	Private aid.
13055	- LIGHT 49	46-13-17.442N 119-07-13.098W	Fl G 4s		4	SG on pile.	Ra ref.
13060	- LIGHT 52	46-14-02.070N 119-11-26.250W	Fl R 4s	10	3	TR on dolphin.	
	MCNARY DAM TO JUNIPER (Chart 18541)						
	Lake Wallula						
13071	- LIGHT 56	46-14-16.007N 119-12-20.901W	Fl R 2.5s	17	3	TR on pile.	
	JUNIPER TO PASCO (Chart 18542)						
	Lake Wallula						
13075	- LIGHT 59	46-14-22.608N 119-12-51.636W	Fl G 2.5s	17	3	SG on pile.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	JUNIPER TO PASCO (Chart 18542)						
	Lake Wallula						
13085	- Daybeacon 68	46-16-21.510N 119-15-43.206W				TR on dolphin.	Ra ref.
13095	KENNEWICK WATER INTAKE LIGHTS (2)	46-12-54.000N 119-06-18.000W	F R	31		On corners of structure.	Private aid.
13100	RICHLAND WATER INTAKE LIGHTS (2)	46-18-55.000N 119-15-33.000W	F Y			White house.	Private aid.
	SNAKE RIVER - Thirteenth District						
	LAKE SACAJAWEA (Chart 18545)						
	Snake River *Mileage from mouth of Snake River in statute miles.*						
13105	- MILE 1 RANGE FRONT LIGHT	46-12-19.002N 119-02-09.270W	Q W	26		KRB on tower.	Visible 14° each side of rangeline.
13110	- MILE 1 RANGE REAR LIGHT 393 yards, 345° from front light.	46-12-30.204N 119-02-13.230W	Iso W 6s	43		KRB on tower.	Visible 14° each side of rangeline.
13115	- Buoy 3	46-13-19.765N 119-00-26.138W				Green can.	
13120	- MILE 4 RANGE FRONT LIGHT	46-13-33.720N 118-59-32.940W	Q R	44		KRW on tower.	Visible all around; higher intensity on rangeline.
13125	- MILE 4 RANGE REAR LIGHT 92 yards, 067.5° from front light.	46-13-34.740N 118-59-29.400W	Iso R 6s	56		KRW on platform.	Visible 14° each side of rangeline.
13130	- MILE 5 RANGE FRONT LIGHT	46-14-28.680N 118-58-24.000W	Q G	97		KRW on tower.	Visible 4° each side of rangeline.
13135	- MILE 5 RANGE REAR LIGHT 270 yards, 043° from front light.	46-14-34.440N 118-58-16.020W	Iso G 6s	128		KRW on tower.	Visible 4° each side of rangeline.
13140	- Daybeacon 4	46-13-43.482N 118-59-21.966W				TR on pile.	Ra ref.
13145	- *Lighted Buoy 5*	46-14-05.886N 118-58-57.738W	Fl G 2.5s		4	Green.	
13150	- Buoy 6	46-14-16.486N 118-58-13.016W				Red nun.	
13155	- Buoy 7	46-14-19.594N 118-58-14.414W				Green can.	
13160	- MILE 6 RANGE FRONT LIGHT	46-14-25.320N 118-57-51.540W	Q W	26		KRW on tower.	Visible 4° each side of rangeline.
13165	- MILE 6 RANGE REAR LIGHT 679 yards, 064° from front light.	46-14-33.540N 118-57-25.320W	Iso W 6s	45		KRW on tower.	Visible 4° each side of rangeline.
13170	- *Lighted Buoy 8*	46-14-23.137N 118-57-28.414W	Fl R 4s		3	Red.	
13175	- LIGHT 9	46-14-27.456N 118-57-13.506W	Fl G 2.5s	28	4	SG on skeleton tower.	
13180	- Buoy 10 On rock ledge.	46-14-25.008N 118-57-08.544W				Red nun.	Buoy depth significantly less than channel depth.
13185	- LIGHT 11	46-14-33.912N 118-56-25.004W	Fl G 6s	15	4	SG on skeleton tower.	
13190	- Buoy 12 On rock ledge.	46-14-29.806N 118-56-23.479W				Red nun.	Buoy depth significantly less than channel depth.
13195	- Buoy 14 On rock ledge.	46-14-35.269N 118-55-47.987W				Red nun.	Buoy depth significantly less than channel depth.
13200	- Buoy 16 On rock ledge.	46-14-41.453N 118-55-06.249W				Red nun.	Buoy depth significantly less than channel depth.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SNAKE RIVER - Thirteenth District				
	LAKE SACAJAWEA (Chart 18545)						
	Snake River						
	Mileage from mouth of Snake River in statute miles.						
13205	- LIGHT 17	46-14-46.247N 118-54-59.776W	Fl G 4s	15	4	SG on pile.	
13210	- Buoy 18 On rock ledge.	46-14-47.149N 118-54-26.737W				Red nun.	Buoy depth significantly less than channel depth.
13215	- LIGHT 19	46-14-53.250N 118-54-11.982W	Fl G 2.5s	15	4	SG on skeleton tower.	
13220	- Buoy 20 On rock ledge.	46-14-54.129N 118-53-46.253W				Red nun.	Buoy depth significantly less than channel depth.
	Lake Sacajawea						
	Ice Harbor Dam						
13225	- Buoy A Marks restricted area.	46-15-04.976N 118-52-31.618W				White can with orange bands and orange diamond with orange center cross, worded DAM.	
13230	- Buoy B Marks restricted area.	46-15-04.456N 118-52-24.922W				White can with orange bands and orange diamond with orange center cross, worded DAM.	
13235	- Buoy C Marks restricted area.	46-15-00.262N 118-52-12.892W				White can with orange bands and orange diamond with orange center cross, worded DAM.	
	Lake Sacajawea						
13255	- Daybeacon 1	46-15-11.724N 118-52-19.704W				SG on post.	
13260	- *Lighted Buoy 2*	46-15-05.239N 118-52-14.328W	Fl R 4s		4	Red.	
13263	*Ice Harbor Research Lighted Float*	46-15-00.510N 118-52-05.080W	Fl Y 6s			Yellow pontoon float.	Private aid.
13265	- LIGHT 3	46-15-30.822N 118-51-20.874W	Fl G 2.5s	15	4	SG on tower.	
13275	- LIGHT 5	46-16-36.906N 118-50-05.622W	Fl G 4s	19	4	SG on pile.	
13280	- LIGHT 6	46-17-03.474N 118-48-46.200W	Fl R 2.5s	41	3	TR on pile.	
13290	- LIGHT 9	46-17-27.984N 118-46-51.348W	Fl G 4s	20	4	SG on skeleton tower.	
13295	- LIGHT 10	46-18-01.986N 118-45-43.170W	Fl R 4s	30	3	TR on skeleton tower.	
13300	- LIGHT 11	46-18-36.326N 118-46-29.978W	Fl G 6s	7	4	SG on skeleton tower.	
13310	- LIGHT 13	46-20-03.814N 118-45-41.164W	Fl G 2.5s	28	3	SG on skeleton tower.	
13325	- LIGHT 17	46-21-26.611N 118-44-57.316W	Fl G 4s	20	4	SG on skeleton tower.	
13330	- LIGHT 22	46-21-32.748N 118-42-02.808W	Fl R 6s	35	4	TR on skeleton tower.	
13335	- LIGHT 23	46-22-01.812N 118-42-02.292W	Fl G 2.5s	21	3	SG on skeleton tower.	
13340	- LIGHT 25	46-22-57.606N 118-41-37.680W	Fl G 4s	20	6	SG on skeleton tower.	
13350	- LIGHT 27	46-23-37.932N 118-40-06.657W	Fl G 6s	21	4	SG on skeleton tower.	
13355	- Buoy 28	46-24-15.516N 118-39-12.321W				Red nun.	
13360	- Buoy 29	46-24-47.598N 118-38-14.961W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SNAKE RIVER - Thirteenth District				
	LAKE SACAJAWEA (Chart 18545)						
	Lake Sacajawea						
13370	- LIGHT 32	46-24-42.384N 118-37-59.664W	Fl R 6s	46	4	TR on skeleton tower.	
13371	- Buoy 32A Marks shoal.	46-25-07.098N 118-37-53.961W				Red nun.	
13375	- LIGHT 33	46-25-27.631N 118-38-12.212W	Fl G 4s	21	4	SG on skeleton tower.	
13380	- Buoy 34	46-26-11.603N 118-38-27.325W				Red nun.	
13385	- LIGHT 35	46-26-07.847N 118-38-38.723W	Fl G 2.5s	21	3	SG on skeleton tower.	
13390	- Buoy 38	46-26-36.420N 118-38-22.822W				Red nun.	
13395	- Buoy 40	46-27-14.129N 118-37-49.552W				Red nun.	
13400	- Buoy 42	46-27-30.090N 118-37-33.711W				Red nun.	
13405	- LIGHT 43	46-27-47.570N 118-37-39.676W	Fl G 6s	21	4	SG on skeleton tower.	
13410	- Buoy 44	46-28-28.547N 118-37-17.322W				Red nun.	
13415	- LIGHT 45	46-28-05.662N 118-37-29.022W	Fl G 4s	21	4	SG on skeleton tower.	
13420	- Buoy 46	46-28-50.850N 118-37-18.921W				Red nun.	
13425	- LIGHT 47	46-30-01.571N 118-37-13.551W	Fl G 2.5s	18	4	SG on platform.	Higher intensity beam up and down channel.
13430	- Buoy 48	46-30-07.691N 118-36-57.445W				Red nun.	
13435	- Buoy 50	46-30-22.162N 118-36-44.280W				Red nun.	
13440	- Buoy 51	46-31-11.892N 118-35-53.958W				Green can.	
13445	WINDUST RANGE FRONT LIGHT	46-31-58.823N 118-34-51.755W	Q W	25		KRB on skeleton tower.	Visible 4° each side of range line.
13450	WINDUST RANGE REAR LIGHT 322 yards, 040° from front light.	46-32-06.123N 118-34-42.914W	Iso W 6s	30		KRB on skeleton tower.	Visible 4° each side of rangeline.
13465	- LIGHT 55	46-32-07.698N 118-34-00.396W	Fl G 4s	20	4	SG on dolphin.	
13470	- LIGHT 56	46-31-58.213N 118-33-59.682W	Fl R 4s	13	4	TR on platform.	Higher intensity beam up channel.
13475	- Buoy 58	46-32-13.999N 118-33-41.555W				Red nun.	
13480	- LIGHT 59	46-33-21.150N 118-33-03.666W	Fl G 2.5s	13	3	SG on skeleton tower.	
	Lower Monumental Dam *Buoys mark restricted area.*						
13485	- Buoy A	46-33-50.470N 118-31-57.273W				White can with orange bands and orange diamond with orange center cross worded DAM.	
13490	- Buoy B	46-33-55.869N 118-31-58.317W				White can with orange bands and orange diamond with orange center cross worded DAM.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SNAKE RIVER - Thirteenth District				
	LAKE SACAJAWEA (Chart 18545)						
	Lower Monumental Dam *Buoys mark restricted area.*						
13495	- Buoy C	46-34-00.544N 118-32-02.864W				White can with orange bands and orange diamond with orange center cross worded DAM.	
13500	- Buoy D	46-33-58.210N 118-32-09.530W				White can with orange bands and orange diamond with orange center cross worded DAM.	
13505	*Lower Monumental Lighted Buoy 3*	46-33-52.076N 118-31-53.577W	Fl G 4s		4	Green.	
13507	*Lower Monumental Research Lighted Float*	46-33-54.100N 118-31-56.470W	Fl Y 6s			Yellow pontoon float.	Private aid.
	LAKE HERBERT G. WEST (Chart 18546)						
	Lower Monumental						
13510	- LIGHT 4	46-34-11.562N 118-30-39.420W	Fl R 4s	10	3	TR on platform.	
13515	- LIGHT 5	46-34-44.811N 118-29-42.535W	Fl G 2.5s	15	3	SG on pile.	Ra ref.
13520	- LIGHT 6	46-34-40.032N 118-29-05.568W	Fl R 6s	45	4	TR on skeleton tower.	
13525	- LIGHT 7	46-35-09.288N 118-29-09.048W	Fl G 4s	63	4	SG on skeleton tower.	
13530	- LIGHT 9	46-35-51.351N 118-28-39.726W	Fl G 6s	16	4	SG on platform.	
13535	- LIGHT 10	46-35-44.814N 118-27-59.136W	Fl R 2.5s	16	4	TR on skeleton tower.	
13540	- LIGHT 11	46-36-03.325N 118-27-48.712W	Fl G 2.5s	16	4	SG on platform.	Higher intensity beam up channel.
13545	- LIGHT 13	46-35-07.692N 118-25-04.314W	Fl G 4s	20	4	SG on skeleton tower.	
13550	- LIGHT 14	46-34-47.169N 118-24-54.656W	Fl R 4s	17	4	TR on platform.	
13555	- LIGHT 16	46-34-38.706N 118-23-33.222W	Fl R 2.5s	12	4	TR on platform.	
13560	- LIGHT 17	46-35-01.650N 118-23-30.798W	Fl G 2.5s	24	4	SG on skeleton tower.	
13565	- LIGHT 18	46-34-43.302N 118-22-58.314W	Fl R 6s	15	4	TR on platform.	
13570	- LIGHT 19	46-35-46.248N 118-22-11.430W	Fl G 6s	12	4	SG on platform.	
13575	- LIGHT 20	46-36-06.948N 118-20-57.552W	Fl R 4s	10	4	TR on skeleton tower.	
13580	- LIGHT 21	46-36-31.206N 118-18-39.064W	Fl G 2.5s	18	4	SG on platform.	
13585	- LIGHT 22	46-36-09.384N 118-18-03.468W	Fl R 6s	60	4	TR on platform.	
13590	- LIGHT 24	46-35-28.506N 118-16-48.606W	Fl R 2.5s	10	4	TR on platform.	
13600	- LIGHT 27	46-36-09.894N 118-14-53.694W	Fl G 2.5s	17	4	SG on platform.	
13605	- LIGHT 28	46-35-56.220N 118-14-41.292W	Fl R 4s	24	4	TR on skeleton tower.	
13610	TURNER BAY ENTRANCE LIGHT 2 Marks marina entrance.	46-35-14.609N 118-13-21.013W	Fl R 6s	7	4	TR on pedestal.	
13615	- LIGHT 29	46-34-57.816N 118-12-12.522W	Fl G 4s	35	4	SG on platform.	
13625	- LIGHT 34	46-33-19.309N 118-10-19.206W	Fl R 2.5s	26	3	TR on platform.	
13630	- LIGHT 35	46-33-34.983N 118-08-11.239W	Fl G 6s	14	4	SG on platform.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SNAKE RIVER - Thirteenth District				
	LAKE HERBERT G. WEST (Chart 18546)						
	Lower Monumental						
13635	- LIGHT 37	46-33-36.361N 118-06-48.079W	Fl G 4s	80	4	SG on platform.	
13640	- LIGHT 38	46-33-25.938N 118-06-33.846W	Fl R 4s	14	4	TR on platform.	
13645	- LIGHT 39	46-34-30.504N 118-05-50.868W	Fl G 2.5s	20	4	SG on platform.	
13650	- LIGHT 40	46-34-25.140N 118-05-23.526W	Fl R 6s	16	4	TR on platform.	
13655	MCGUIRE RANGE FRONT LIGHT	46-34-24.780N 118-04-36.540W	Q R	20		KRB on multipile.	Visible all around; higher intensity on rangeline.
13660	MCGUIRE RANGE REAR LIGHT 81 yards, 254.5° from front light.	46-34-23.892N 118-04-42.528W	Iso R 6s	56		KRB on skeleton tower.	Visible 10° each side of rangeline.
13665	- LIGHT 41	46-34-32.581N 118-04-10.569W	Fl G 4s	10	4	SG on skeleton tower.	
13670	- LIGHT 43	46-34-47.850N 118-03-02.670W	Fl G 6s	20	3	SG on skeleton tower.	
	LAKE BRYAN (Chart 18547)						
13675	*Little Goose Reservoir Lighted Buoy 1*	46-35-08.416N 118-01-04.919W	Fl G 4s		4	Green.	
	Little Goose Dam						
13680	- Buoy A Marks restricted area.	46-35-01.352N 118-01-22.775W				White can with orange bands and diamond with orange center cross worded DAM.	
13681	- Buoy E Marks restricted area.	46-35-16.958N 118-01-05.927W				White can with orange bands and diamond with center cross worded DAM.	
13682	- Buoy F Marks restricted area.	46-35-23.000N 118-01-09.000W				White can with orange bands and diamond with center cross worded DAM.	
13683	- Buoy G Marks restricted area.	46-35-22.000N 118-01-15.000W				White can with orange bands and diamond with center cross worded DAM.	
13684	- Buoy H Marks restricted area.	46-35-22.000N 118-01-22.000W				White can with orange bands and diamond with center cross worded DAM.	
13685	- Buoy B Marks restricted area.	46-35-03.381N 118-01-17.550W				White can with orange bands and diamond with orange center cross worded DAM.	
13686	- Buoy I Marks restricted area.	46-35-21.000N 118-01-28.000W				White can with orange bands and diamond with center cross worded DAM.	
13687	- Buoy J Marks restricted area.	46-35-21.000N 118-01-34.000W				White can with orange bands and diamond with center cross worded DAM.	
13690	- Buoy C Marks restricted area.	46-35-06.035N 118-01-10.471W				White can with orange bands and diamond with orange center cross worded DAM.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SNAKE RIVER - Thirteenth District				
	LAKE BRYAN (Chart 18547)						
	Little Goose Dam						
13695	- Buoy D Marks restricted area.	46-35-13.005N 118-01-05.005W				White can with orange bands and diamond with orange center cross worded DAM.	
	Little Goose Reservoir						
13697	*Little Goose Research Lighted Float*	46-35-14.230N 118-01-06.710W	Fl Y 6s			Yellow pontoon float.	Private aid.
13700	- LIGHT 2	46-35-09.480N 118-00-25.446W	Fl R 4s	21	3	TR on pile.	
13705	- LIGHT 3	46-35-24.531N 117-59-28.902W	Fl G 6s	34	4	SG on skeleton tower.	
13710	- LIGHT 4	46-35-10.530N 117-56-04.680W	Fl R 6s	33	4	TR on platform.	
13715	- LIGHT 5	46-35-20.156N 117-54-52.618W	Fl G 2.5s	15	3	SG on pile.	
13720	- LIGHT 6	46-35-12.768N 117-53-00.114W	Fl R 2.5s	18	4	TR on platform.	
13725	- LIGHT 7	46-35-33.738N 117-53-23.571W	Fl G 4s	10	4	SG on platform.	
13730	- LIGHT 8	46-36-24.942N 117-52-32.322W	Fl R 4s	15	4	TR on skeleton tower.	
13735	- LIGHT 9	46-37-16.908N 117-52-16.098W	Fl G 2.5s	12	4	SG on platform.	
13740	- LIGHT 10	46-37-22.344N 117-50-59.960W	Fl R 6s	27	4	TR on skeleton tower.	
13745	- LIGHT 11	46-37-42.045N 117-51-03.161W	Fl G 4s	8	4	SG on platform.	
13750	- LIGHT 12	46-37-17.610N 117-49-03.516W	Fl R 2.5s	58	4	TR on platform.	
13755	- Buoy 13	46-37-31.647N 117-48-56.340W				Green can.	
13760	- LIGHT 14	46-38-56.552N 117-46-01.337W	Fl R 4s	13	4	TR on platform.	
13765	- LIGHT 15	46-39-00.138N 117-46-19.416W	Fl G 4s	16	3	SG on dolphin.	
13770	- LIGHT 16	46-40-21.216N 117-45-33.204W	Fl R 6s	25	4	TR on multipile.	
13775	- LIGHT 17	46-41-26.592N 117-45-06.906W	Fl G 6s	13	4	SG on platform.	
13785	- LIGHT 19	46-42-02.226N 117-42-43.854W	Fl G 2.5s	14	4	SG on dolphin.	
13795	- LIGHT 21	46-42-16.956N 117-40-22.722W	Fl G 4s	14	4	SG on platform.	
13800	- LIGHT 22	46-42-01.812N 117-39-34.830W	Fl R 2.5s	20	4	TR on pile.	
13805	- LIGHT 23	46-42-10.458N 117-39-17.874W	Fl G 6s	15	4	SG on platform.	
13810	- LIGHT 24	46-41-48.672N 117-38-55.122W	Fl R 4s	27	3	TR on single pile.	
13815	- LIGHT 25	46-40-48.156N 117-37-26.376W	Fl G 4s	20	4	SG on pile.	
13820	- LIGHT 26	46-40-20.114N 117-36-47.657W	Fl R 2.5s	27	3	TR on skeleton tower.	
13825	- LIGHT 27	46-40-32.310N 117-35-31.464W	Fl G 6s	20	4	SG on skeleton tower.	
13830	- LIGHT 28	46-40-36.626N 117-33-48.429W	Fl R 4s	10	3	TR on skeleton tower.	
13833	- Buoy 28A	46-40-45.559N 117-33-04.375W				Red nun.	
13835	- LIGHT 29	46-40-49.716N 117-32-18.456W	Fl G 4s	21	4	SG on pile.	
13840	- LIGHT 30	46-40-32.829N 117-31-28.079W	Fl R 2.5s	18	3	TR on caisson.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SNAKE RIVER - Thirteenth District				
	LAKE BRYAN (Chart 18547)						
	Little Goose Reservoir						
13841	Schultz Bar Shoal Buoy 29A	46-40-45.267N 117-31-05.193W				Green can.	Position shifted to best mark encroaching shoal.
13845	SCHULTZ BAR RANGE FRONT LIGHT	46-41-33.652N 117-29-29.219W	Q R	30		KRW on pile structure.	Visible all around; higher intensity on rangeline.
13850	SCHULTZ BAR RANGE REAR LIGHT 513.9 yards, 053.2° from front light.	46-41-42.294N 117-29-11.940W	Iso R 6s	40		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
13855	- Buoy 31	46-40-49.373N 117-30-57.666W				Green can.	
13860	- Buoy 32	46-40-57.771N 117-30-34.959W				Red nun.	
13865	- Buoy 33	46-41-06.065N 117-30-28.195W				Green can.	
13870	- Buoy 35	46-41-12.311N 117-30-13.387W				Green can.	
13875	- LIGHT 37	46-41-42.810N 117-29-37.650W	Fl G 6s	15	4	SG on skeleton tower.	
13880	- LIGHT 39	46-42-05.034N 117-28-45.066W	Fl G 2.5s	18	3	SG on platform.	
13885	- Buoy 41	46-42-03.812N 117-28-07.850W				Green can.	
13890	- Buoy 42	46-41-57.513N 117-28-02.601W				Red nun.	
13895	- LIGHT 43	46-41-59.118N 117-27-44.148W	Fl G 4s	15	4	SG on platform.	
13900	- Buoy 44	46-41-51.189N 117-27-44.066W				Red nun.	
13905	- Buoy 46	46-41-23.128N 117-27-18.580W				Red nun.	
13910	BOYER RANGE FRONT LIGHT	46-41-37.731N 117-27-15.957W	Q W	20		KRW on pile structure.	Visible 10° each side of rangeline.
13915	BOYER RANGE REAR LIGHT 64 yards, 346.5° from front light.	46-41-39.654N 117-27-16.440W	Iso W 6s	28		KRW on skeleton tower.	Visible 14° each side of rangeline.
13917	- Buoy 48	46-39-52.001N 117-26-17.068W				Red nun.	
	LOWER GRANITE LAKE (Chart 18548)						
	Lower Granite Reservoir						
	Lower Granite Dam *Buoys mark restricted area.*						
13920	- Buoy A	46-39-29.300N 117-25-29.400W				White can with orange bands and orange diamond with orange center cross worded DAM.	
13925	- Buoy B	46-39-25.627N 117-25-24.316W				White can with orange bands and orange diamond with orange center cross worded DAM.	
13930	- Buoy C	46-39-21.000N 117-25-18.400W				White can with orange bands and orange diamond with orange center cross worded DAM.	
13935	- Buoy D	46-39-18.600N 117-25-19.600W				White can with orange bands and orange diamond with orange center cross worded DAM.	
13937	*Lower Granite Research Lighted Float*	46-39-23.180N 117-25-17.600W	Fl Y 6s				Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SNAKE RIVER - Thirteenth District				
	LOWER GRANITE LAKE (Chart 18548)						
	Lower Granite Reservoir						
13940	- LIGHT 4	46-38-58.353N 117-23-49.309W	Fl R 4s	33	3	TR on skeleton tower.	
13945	- LIGHT 5	46-39-07.362N 117-23-07.662W	Fl G 2.5s	19	3	SG on skeleton tower.	
13950	- LIGHT 6	46-37-07.831N 117-23-20.754W	Fl R 6s	45	4	TR on platform.	
13955	- LIGHT 8	46-36-04.119N 117-21-40.964W	Fl R 4s	43	3	TR on platform.	
13960	- LIGHT 10	46-34-48.636N 117-20-05.958W	Fl R 2.5s	23	3	TR on platform.	
13965	- LIGHT 11	46-34-46.074N 117-17-53.171W	Fl G 4s	13	4	SG on platform.	
13970	- LIGHT 12	46-32-32.125N 117-15-21.259W	Fl R 4s	21	4	TR on skeleton tower.	
13975	- LIGHT 14	46-30-10.218N 117-14-05.604W	Fl R 6s	10	4	TR on skeleton tower.	
13980	- LIGHT 16	46-02-18.242N 117-14-27.898W	Fl R 4s	16	3	TR on skeleton tower.	
13981	- Buoy 16A	46-27-28.537N 117-13-17.200W				Red nun.	
13982	- Buoy 16B	46-27-10.963N 117-12-46.882W				Red nun.	
13995	- LIGHT 17	46-27-01.578N 117-12-21.763W	Fl G 4s	13	4	SG on platform.	
14005	- LIGHT 18	46-25-28.464N 117-12-52.002W	Fl R 4s	16	4	TR on skeleton tower.	
14010	- LIGHT 19	46-25-28.140N 117-12-22.782W	Fl G 2.5s	16	3	SG on skeleton tower.	
14015	- LIGHT 20	46-25-06.439N 117-11-42.546W	Fl R 2.5s	36	3	TR on platform.	
14017	CHIEF TIMOTHY WATER INTAKE LIGHT	46-25-38.400N 117-09-11.340W	Q Y			On piling.	Private aid.
14020	- LIGHT 24	46-25-40.062N 117-08-45.132W	Fl R 4s	15	3	TR on platform.	
14025	- LIGHT 25	46-25-53.952N 117-08-48.894W	Fl G 4s	13	4	SG on platform.	
14030	- LIGHT 26	46-25-37.306N 117-08-10.653W	Fl R 2.5s	16	3	TR on platform.	
14035	- LIGHT 28	46-25-09.840N 117-06-40.374W	Fl R 4s	15	3	TR on platform.	
14050	- Daybeacon 35	46-24-24.550N 117-02-09.886W				SG on skeleton tower.	
			COLUMBIA RIVER - Thirteenth District				
	FRANKLIN D. ROOSEVELT LAKE (Southern Part) (Chart 18551)						
	Franklin D. Roosevelt Lake						
	Reported discrepancies during the winter months will not be corrected until the month of June each year.						
14125	- LIGHT A	47-56-48.852N 118-56-08.088W	Fl W 4s	12	5	NR on box.	
14130	- Buoy 2	47-57-01.092N 118-52-01.542W				Red nun.	
14135	- LIGHT B	47-57-42.198N 118-51-38.568W	Fl W 6s	14	5	NR on box.	
14140	- LIGHT C	47-55-12.180N 118-49-01.368W	Fl W 2.5s	16	5	NR on box.	
14145	- Buoy 3	47-54-23.766N 118-43-33.564W				Green can.	
14150	- LIGHT D	47-54-00.420N 118-43-03.540W	Fl W 4s	20	5	NR on box.	
14155	- Buoy 5	47-54-41.562N 118-43-09.936W				Green can.	
14160	- Buoy 6	47-55-35.862N 118-42-10.074W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	FRANKLIN D. ROOSEVELT LAKE (Southern Part) (Chart 18551)						
	Franklin D. Roosevelt Lake						
	Reported discrepancies during the winter months will not be corrected until the month of June each year.						
14165	- Buoy 8	47-55-47.424N 118-41-57.768W				Red nun.	
14170	- LIGHT E	47-56-46.554N 118-41-27.588W	Fl W 6s	16	5	NR on box.	
14175	- LIGHT F	47-55-51.072N 118-37-00.618W	Fl W 2.5s	18	5	NR on box.	
14180	- LIGHT G	47-56-05.754N 118-32-41.928W	Fl W 4s	18	5	NR on box.	
14185	- Buoy 10	47-52-36.216N 118-32-20.334W				Red nun.	
14190	- LIGHT H	47-52-27.192N 118-32-09.540W	Fl W 6s	16	5	NR on box.	
14195	- LIGHT I	47-52-45.894N 118-27-20.490W	Fl W 2.5s	16	5	NR on box.	
14200	- LIGHT J	47-50-25.932N 118-26-51.990W	Fl W 4s	12	5	NR on box.	
14205	- LIGHT K	47-51-34.266N 118-21-56.574W	Fl W 6s	23	5	NR on box.	
	Spokane River Arm						
	Reported discrepancies during the winter months will not be corrected until the month of June each year.						
14210	- JUNCTION LIGHT S	47-53-57.300N 118-20-04.836W	Fl (2+1)R 6s	23	4	JR on box.	
14215	- LIGHT A	47-56-18.192N 118-15-20.820W	Fl W 4s	44	5	NR on skeleton tower.	
14220	- LIGHT B	47-56-48.594N 118-12-44.850W	Fl W 6s	16	5	NR on skeleton tower.	
14225	- LIGHT C	47-53-20.208N 118-09-50.382W	Fl W 2.5s	15	5	NR on pile.	
14230	- Buoy 1	47-50-02.328N 118-07-09.762W				Green can.	
14235	- Buoy 3	47-49-22.020N 118-05-52.434W				Green can.	
14245	- Buoy 4	47-47-38.052N 118-03-30.612W				Red nun.	
14247	- Danger Shoal Buoy A	47-47-43.434N 118-02-54.864W				White with orange bands and orange diamond worded "DANGER SHOAL"	
14248	- Danger Shoal Buoy B	47-47-52.554N 118-02-50.220W				White with orange bands and orange diamond worded "DANGER SHOAL"	
14250	- LIGHT 5	47-47-37.284N 118-02-51.564W	Fl G 6s	15	4	SG on skeleton tower.	
14255	- Buoy 6	47-47-54.663N 118-02-21.558W				Red nun.	
	Franklin D. Roosevelt Lake						
	Reported discrepancies during the winter months will not be corrected until the month of June each year.						
14260	- Buoy 12	47-55-24.582N 118-20-53.382W				Red nun.	
14265	- LIGHT L	47-56-12.192N 118-21-43.332W	Fl W 2.5s	12	5	NR on box.	
14270	- Buoy 13	47-57-28.440N 118-21-24.240W				Green can.	
14275	- LIGHT M	47-58-01.392N 118-20-48.036W	Fl W 4s	12	5	NR on box.	
14280	- LIGHT N	48-01-02.886N 118-24-10.098W	Fl W 6s	16	5	NR on box.	
14285	- LIGHT O	48-02-49.314N 118-21-59.388W	Fl W 2.5s	18	5	NR on box.	
14290	- LIGHT P	48-02-16.997N 118-17-29.255W	Fl W 4s	14	5	NR on box.	
14295	- LIGHT Q	48-03-23.436N 118-14-06.264W	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
	COLUMBIA RIVER - Thirteenth District						
	FRANKLIN D. ROOSEVELT LAKE (Southern Part) (Chart 18551)						
	Franklin D. Roosevelt Lake						
	Reported discrepancies during the winter months will not be corrected until the month of June each year.						
14300	- LIGHT R	48-07-05.050N 118-15-29.255W	Fl W 2.5s	12	5	NR on box.	
	FRANKLIN D. ROOSEVELT LAKE (Northern Part) (Chart 18553)						
	Franklin D. Roosevelt Lake						
	Reported discrepancies during the winter months will not be corrected until the month of June each year.						
14305	- LIGHT T	48-08-49.416N 118-11-26.562W	Fl W 4s	10	5	NR on box.	
14310	- LIGHT U	48-12-26.616N 118-11-58.194W	Fl W 6s	12	5	NR on box.	
14315	- LIGHT V	48-14-30.786N 118-08-44.214W	Fl W 2.5s	15	5	NR on box.	
14320	- LIGHT W	48-15-29.262N 118-08-13.986W	Fl W 4s	8	5	NR on crib.	
14330	- LIGHT X	48-21-37.932N 118-11-15.360W	Fl W 6s	16	5	NR on box.	
14335	- LIGHT Y	48-26-45.042N 118-12-47.724W	Fl W 2.5s	15	5	NR on house.	
14345	- LIGHT AA	48-29-48.420N 118-11-08.802W	Fl W 4s	10	5	NB on box.	
14350	- LIGHT BB	48-32-42.948N 118-08-24.696W	Fl W 6s	10	5	NR on box.	
14355	- Buoy 15	48-33-20.922N 118-08-34.326W				Green can.	
14360	- LIGHT CC	48-34-49.830N 118-07-52.980W	Fl W 2.5s	30	5	NR on box.	
14365	- Buoy 16	48-34-54.084N 118-07-24.102W				Red nun.	
14370	- Buoy 18	48-35-02.796N 118-07-20.964W				Red nun.	
14375	- Buoy 19	48-40-52.038N 118-01-45.858W				Green can.	
14380	- Buoy 20	48-42-06.072N 118-01-40.224W				Red nun.	
14385	- Buoy 22	48-45-45.762N 118-02-32.676W				Red nun.	
14390	- Buoy 24	48-47-16.404N 118-00-24.144W				Red nun.	
	China Bar						
	Aids maintained from June 1 to Nov. 1.						
14395	- LIGHT 1	48-49-15.000N 117-56-06.000W	Fl G 10s	6		On box.	Private aid.
14400	- LIGHT 3	48-49-31.000N 117-55-47.000W	Fl G 10s	6		On box.	Private aid.
14405	- *Lighted Buoy 5*	48-49-52.000N 117-55-47.000W	Fl G 10s			On raft.	Private aid.
14410	- *Lighted Buoy 7*	48-50-18.000N 117-55-30.000W	Fl G 10s			On raft.	Private aid.
	PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)						
	Baker Bay West Channel						
14415	- ENTRANCE JETTY LIGHT 1	46-16-07.284N 124-01-48.822W	Fl G 4s	15	4	SG on pile.	Ra ref.
14420	- ENTRANCE JETTY LIGHT 2	46-16-11.106N 124-01-46.104W	Fl R 2.5s	15	3	TR on pile.	
14425	- Buoy 3	46-16-14.895N 124-01-50.089W				Green can.	Position shifted with changing conditions.
14430	- Daybeacon 6	46-16-18.582N 124-01-48.144W				TR on pile.	Ra ref.
14432	- Buoy 6A	46-16-25.800N 124-01-51.138W				Red nun.	Ra ref.
14435	- Daybeacon 7	46-16-23.124N 124-01-55.026W				SG on dolphin.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)						
	Baker Bay West Channel						
14440	- LIGHT 8	46-16-32.547N 124-01-55.117W	Fl R 4s	17	4	TR on pile structure.	
14445	- Daybeacon 9	46-16-37.980N 124-02-07.140W				SG on pile.	
14450	- LIGHT 10	46-16-46.704N 124-02-13.251W	Fl R 4s	15	3	TR on dolphin.	Ra ref.
14455	- LIGHT 11	46-16-48.240N 124-02-26.748W	Fl G 4s	20	4	SG on multi-pile structure.	Ra ref.
14460	- LIGHT 12	46-16-55.754N 124-02-45.748W	Q R	15	3	TR on dolphin.	
14465	- Daybeacon 14	46-16-59.949N 124-02-52.439W				TR on pile.	Ra ref.
14470	- LIGHT 15	46-17-06.564N 124-03-03.366W	Fl G 2.5s	7	4	SG on post.	Ra ref.
14475	- Daybeacon 16	46-17-12.330N 124-03-00.864W				TR on pile.	Ra ref.
14480	- LIGHT 17	46-17-20.931N 124-03-01.863W	Fl G 4s	15	4	SG on dolphin.	Ra ref.
14485	- Daybeacon 18	46-17-24.336N 124-02-54.300W				TR on pile.	
14490	- LIGHT 20	46-17-36.677N 124-02-42.518W	Fl R 4s	17	4	TR on pile structure.	Ra ref.
14495	- Daybeacon 21	46-17-42.799N 124-02-39.486W				SG on pile.	
14500	- LIGHT 22	46-17-48.501N 124-02-25.203W	Fl R 2.5s	15	4	TR on dolphin.	Ra ref.
14505	- LIGHT 23	46-17-53.640N 124-02-27.600W	Fl G 2.5s		3	SG on pile.	Ra ref.
14510	ILWACO MOORING BASIN LIGHT 2	46-18-00.277N 124-02-25.315W	Fl R 4s	15	3	TR on pile structure.	Ra ref.
14515	ILWACO MOORING BASIN LIGHT 3	46-18-04.551N 124-02-29.984W	Fl G 4s		4	SG on pile.	
	Chinook Channel						
14520	- LIGHT 1	46-15-31.458N 123-58-11.859W	Fl G 2.5s	14	3	SG on dolphin.	Ra ref.
14525	- LIGHT 2	46-15-46.901N 123-57-38.938W	Fl R 4s	15	6	TR on platform.	Higher intensity inbound. Ra ref.
14527	- Buoy 3	46-15-49.068N 123-57-41.148W				Green can.	
14528	- Buoy 4	46-16-01.708N 123-57-19.042W				Red nun.	
14530	- LIGHT 5	46-16-02.758N 123-57-21.901W	Fl G 4s	15	4	SG on pile structure.	Ra ref.
14535	- LIGHT 8	46-16-19.961N 123-57-11.391W	Q R	15	4	TR on dolphin.	Ra ref.
	Hammond Boat Basin						
14540	- West Breakwater Daybeacon 2	46-12-17.372N 123-56-58.528W				TR on pipe.	
14545	- EAST BREAKWATER LIGHT 1	46-12-17.372N 123-56-52.528W	Fl G 4s	22	4	SG on pipe.	
	Skipanon Waterway						
14550	- WEST LIGHT 4	46-11-03.697N 123-54-29.431W	Fl R 4s	15	5	TR on dolphin.	
14555	- EAST LIGHT 3	46-11-02.713N 123-54-20.904W	Fl G 4s	14	5	SG on dolphin.	Ra ref.
14560	- RANGE FRONT LIGHT	46-09-59.377N 123-54-52.519W	Q R	26		KRB on skeleton tower.	Visible 4° each side of rangeline.
14565	- RANGE REAR LIGHT 248.5 yards, 198° from front light.	46-08-59.379N 123-54-58.517W	Iso R 6s	39		KRB on skeleton tower.	Visible 5.5° each side of rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)						
	Youngs Bay						
14570	- ENTRANCE LIGHT 2	46-10-51.999N 123-52-46.617W	Fl R 6s	16	5	TR on dolphin.	
14575	- Buoy 4	46-10-16.476N 123-51-50.087W				Red nun.	
14580	- LIGHT 6	46-10-03.101N 123-51-27.601W	Fl R 2.5s	16	5	TR on pile structure.	
	Lewis and Clark River						
14585	- Daybeacon 2	46-10-04.020N 123-51-45.660W				TR on pile.	
14590	- Daybeacon 4	46-09-54.890N 123-51-32.545W				TR on pile.	
14595	- Buoy 5	46-09-49.210N 123-51-23.789W				Green can.	
14605	- Buoy 7	46-09-39.494N 123-51-18.759W				Green can.	
	North Channel						
14610	SAND ISLAND LOWER DIKE LIGHT 1	46-15-38.310N 124-00-29.250W	Fl G 4s	16	4	SG on pile structure.	
14620	SAND ISLAND UPPER DIKE LIGHT 5	46-15-22.285N 123-58-55.698W	Fl G 4s	15	4	SG on pile structure.	
14625	CHINOOK DIKE LIGHT 7	46-14-59.272N 123-57-11.882W	Fl G 6s	16	4	SG on pile structure.	
14635	- Daybeacon 10	46-15-46.457N 123-47-14.397W				TR on dolphin.	
14640	- Daybeacon 12	46-16-03.242N 123-46-27.946W				TR on pile structure.	Ra ref.
14645	GRAYS POINT LIGHT 13	46-16-23.282N 123-46-00.406W	Fl G 6s	15	4	SG on pile.	
14650	Portuguese Point Daybeacon 14A	46-16-35.234N 123-45-04.592W				TR on dolphin.	
14670	- *Lighted Buoy 2*	46-16-02.220N 123-40-23.280W	Fl R 4s			Red.	Private aid.
14672	- *Lighted Buoy 4*	46-16-10.500N 123-41-17.220W	Fl R 2.5s			Red.	Private aid.
14674	- *Lighted Buoy 6*	46-16-11.160N 123-41-52.920W	Fl R 4s			Red.	Private aid.
14676	- *Lighted Buoy 7*	46-16-12.900N 123-42-15.600W	Fl G 2.5s			Green.	Private aid.
14678	- *Lighted Buoy 8*	46-16-46.200N 123-42-28.380W	Fl R 4s			Red.	Private aid.
14680	- *Lighted Buoy 10*	46-17-02.100N 123-43-10.200W	Fl R 2.5s			Red.	Private aid.
	Grays Bay						
	Deep River Channel						
14690	ROCKY POINT LIGHT 7	46-17-17.496N 123-43-38.676W	Fl G 4s	15	4	SG on pile.	
14695	- Daybeacon 8	46-17-48.740N 123-43-14.870W				TR on dolphin.	
14700	- Daybeacon 10	46-17-58.968N 123-42-49.292W				TR on dolphin.	
14705	- Daybeacon 12	46-18-06.585N 123-42-37.724W				TR on dolphin.	
14710	- Daybeacon 14	46-18-21.413N 123-42-32.966W				TR on dolphin.	Ra ref.
14715	- Daybeacon 16	46-18-34.633N 123-42-36.307W				TR on dolphin.	Ra ref.
	Cathlamet Bay South Channel						
14720	- LIGHT 2	46-12-45.697N 123-45-23.246W	Q R	18	4	TR on pile.	
14725	- LIGHT 3 On end of rock groin.	46-12-21.540N 123-45-07.620W	Fl G 2.5s	15	4	SG on skeleton tower.	
14729	- LIGHT 6	46-11-49.900N 123-45-06.400W	Fl R 6s	12	4	TR on multi-pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER - Thirteenth District						
	PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)						
	Cathlamet Bay South Channel						
14740	- Daybeacon 10	46-10-26.680N 123-43-25.328W				TR on pile structure.	Ra ref.
	Cathlamet Bay North Channel						
14745	- LIGHT 3	46-12-37.440N 123-42-51.245W	Fl G 6s	15	4	SG on pile structure.	Ra ref.
14750	- Buoy 4	46-12-17.012N 123-42-20.119W				Red nun.	
14760	GRASSY ISLAND LIGHT 8	46-11-35.584N 123-41-28.440W	Fl R 4s	17	4	TR on pile.	
	HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)						
	Cathlamet Bay Prairie Channel						
14765	- LIGHT 10	46-10-47.971N 123-40-28.650W	Fl R 2.5s	16	3	TR on dolphin.	
14770	- Daybeacon 12	46-10-43.909N 123-40-13.805W				TR on pile.	
14775	SVENSEN ISLAND LIGHT 12A	46-10-52.312N 123-38-40.459W	Fl R 2.5s	15	4	TR on dolphin.	Higher intensity beam up and down channel.
14780	- Buoy 14	46-11-15.768N 123-38-05.940W				Red nun.	
14785	RUSSIAN ISLAND LIGHT 15	46-11-54.502N 123-38-10.259W	Fl G 4s	15	4	SG on dolphin.	
14790	- Daybeacon 17	46-12-45.627N 123-37-54.151W				SG on pile structure.	Ra ref.
14800	MARSH ISLAND LIGHT 21	46-12-50.842N 123-37-12.159W	Fl G 2.5s	15	4	SG on dolphin.	
14805	- LIGHT 23	46-14-17.832N 123-32-49.302W	Fl G 2.5s	15	3	SG on pile structure.	
	CRIMS ISLAND TO VANCOUVER (Chart 18524)						
	Multnomah Channel						
14825	- Daybeacon 2	45-52-22.374N 122-47-54.159W				TR on pile.	
14830	- Daybeacon 3	45-51-54.681N 122-47-35.406W				SG on pile.	
14835	SAUVIE ISLAND JUNCTION LIGHT	45-51-39.426N 122-47-26.754W	Fl (2+1)R 6s	35	3	JR on pile structure.	
14841	- Pollution Response Buoy	45-37-13.292N 122-48-10.338W				Yellow.	
	OREGON - Thirteenth District						
	PORT OF PORTLAND (Chart 18526)						
	Willamette River						
14850 11225	KELLEY POINT JUNCTION LIGHT	45-39-10.857N 122-45-46.124W	Fl (2+1)R 6s	39	3	JR on dolphin.	
14855	- LIGHT 2	45-39-11.697N 122-46-04.559W	Q R	37	4	TR on dolphin.	
14860	- LIGHT 3	45-38-44.334N 122-46-07.083W	Fl G 4s	37	4	SG on dolphin.	Higher intensity beam up channel.
14865	- LIGHT 4	45-38-51.060N 122-46-19.200W	Fl R 4s	26	3	TR on dolphin.	
14870	- LIGHT 6	45-38-36.312N 122-46-36.996W	Fl R 6s	36	4	TR on dolphin.	Higher intensity beam up channel.
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	45-38-18.240N 122-47-14.340W	Fl R 2.5s	36	4	TR on dolphin.	Higher intensity beam up channel.
14890	OREGON STEEL DOCK LIGHTS (2)	45-37-43.500N 122-47-13.000W	Fl Y 6s	23		On dolphin.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteenth District				
	PORT OF PORTLAND (Chart 18526)						
	Willamette River						
14895	POST OFFICE RANGE FRONT LIGHT	45-37-47.071N 122-47-37.909W	Q W	34		KRB on pile structure.	Visible all around; higher intensity on rangeline.
14900	POST OFFICE RANGE REAR LIGHT 235 yards, 347° from front light.	45-37-53.640N 122-47-40.380W	Iso W 6s	45		KRB on skeleton tower.	Visible 14° each side of range line.
14905	ASH GROVE LIME DOCK LIGHT 1	45-37-23.000N 122-47-16.000W	F G	35		On pile structure.	Private aid.
14906	ASH GROVE LIME DOCK LIGHT 2	45-37-21.000N 122-47-16.000W	F G	35		On pile structure.	Private aid.
14910	MULTNOMAH CHANNEL JUNCTION LIGHT	45-37-08.640N 122-47-41.374W	Fl (2+1)R 6s	32	4	JR on dolphin.	Higher intensity beam up and down channel.
14918	- *Lighted Buoy 12*	45-37-17.723N 122-47-34.498W	Fl R 4s		4	Red.	
14923	Terminal 4 Daybeacon 13	45-35-59.000N 122-46-34.000W				SG on dolphin.	Private aid.
	Johns Landing Pier						
14925	Gasco Regulatory Buoys (3)	45-34-48.435N 122-45-29.195W				White and orange.	Restricted No Anchoring. Private aid.
	Willamette River						
14927	Burlington Northern Railroad Bridge Approach Buoy 14	45-34-36.882N 122-44-56.539W				Red nun.	
14928	Burlington Northern Railroad Bridge Approach Buoy 16	45-34-31.738N 122-44-47.678W				Red nun.	
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.
14945	SWAN ISLAND PIER C LIGHT	45-34-06.000N 122-43-30.000W	Q R	17		On pile.	Private aid.
14950	SWAN ISLAND PIER A LIGHT	45-34-06.000N 122-43-24.000W	Q R	17		On pile.	Light obscured from 190° to 010°. Private aid.
14955	SHAVER MOORING LIGHT	45-33-36.000N 122-43-42.000W	Fl R 4s	12		On dolphin.	Private aid.
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.
	Johns Landing Pier						
14960	LANDING BOAT CLUB LIGHT 2	45-29-06.101N 122-40-17.785W	Fl R 2s			On dock.	Private aid.
14965	LANDING BOAT CLUB LIGHT 1	45-29-06.314N 122-40-16.988W	Fl G 2s			On dock.	Private aid.
14970	LANDING BOAT CLUB LIGHT 4	45-29-03.955N 122-40-17.056W	Fl R 2s			On dock.	Private aid.
14975	LANDING BOAT CLUB LIGHT 3	45-29-03.870N 122-40-16.472W	Fl G 2s			On dock.	Private aid.
14978	TOE ISLAND LIGHT 1	45-28-57.366N 122-40-07.500W	Fl G 4s	20	4	SG on pile.	
	Willamette River						
14980	Stevens Point Buoy 2	45-28-38.387N 122-40-04.509W				Red nun.	
14985	Stevens Point Buoy 4	45-28-24.289N 122-39-58.653W				Red nun.	
14990	Stevens Point Buoy 5	45-28-08.431N 122-39-57.061W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteenth District				
	WILLAMETTE RIVER (Portland to Newberg) (Chart 18528)						
	Elk Rock						
15000	- Buoy 6	45-26-32.969N 122-38-48.764W				Red nun.	
15003	- Buoy 8	45-26-25.512N 122-38-46.470W				Red nun.	
15005	- Buoy 10 Marks edge of rock ledge.	45-26-20.691N 122-38-50.499W				Red nun.	
15010	- Buoy 12	45-26-18.430N 122-38-55.838W				Red nun.	
15025	- ISLAND LIGHT 13	45-26-12.544N 122-38-58.145W	Fl G 4s	35	4	SG on skeleton tower.	
	WILLAMETTE RIVER (Portland to Newberg) (Chart 18528)						
15030	OSWEGO NORTH PIER LIGHT	45-25-14.621N 122-39-21.715W	Fl Y 4s	10		Dolphin.	Private aid.
15035	OSWEGO SOUTH PIER LIGHT	45-25-11.980N 122-39-21.564W	Fl Y 4s	10		Dolphin.	Private aid.
15040	Oswego Rock Daybeacon	45-24-42.160N 122-39-30.917W				NW on pile structure worded DANGER ROCKS.	
15045	Thesing Range Front Daybeacon	45-25-31.020N 122-39-18.780W				KRB on bridge foundation.	
15050	Thesing Range Rear Daybeacon 267 yards, 224.5° from front daybeacon.	45-25-24.981N 122-39-27.180W				KRB on dolphin.	
15055	WILLAMETTE RIVER LIGHT 14	45-24-07.680N 122-38-38.580W	Fl R 4s	18	4	TR on skeleton tower.	
15060	BINGHAM LANDING LIGHT 16	45-23-49.500N 122-38-17.400W	Fl R 6s	10	5	TR on white skeleton tower.	Higher intensity beam up channel. Obscured to northward of 220°.
15065	STARKWEATHER LANDING LIGHT 17	45-23-33.652N 122-37-33.300W	Fl G 6s	21	5	SG on white house.	Higher intensity beam down channel.
15070	JENNINGS LODGE LIGHT 19	45-23-13.428N 122-37-18.438W	Fl G 4s	30	4	SG on white skeleton tower.	Higher intensity beam down channel.
15075	CLACKAMAS RAPIDS LIGHT 20	45-22-35.953N 122-37-16.212W	Fl R 4s	18	3	TR on white skeleton tower.	
	Meldrum Bar						
15077.1	- Daybeacon 1	45-22-46.500N 122-37-07.000W				SG on piling.	Private aid.
15077.2	- Daybeacon 2	45-22-46.000N 122-37-08.000W				TR on piling.	Private aid.
15077.3	- Daybeacon 3	45-22-45.500N 122-37-05.500W				SG on piling.	Private aid.
15077.4	- Daybeacon 4	45-22-42.000N 122-37-03.500W				TR on piling.	Private aid.
	Rock Island Channel						
15080	- Buoy 1	45-20-02.728N 122-39-09.281W				Green can.	Maintained from May 15 to Oct. 15.
15085	- Buoy 2	45-19-56.524N 122-39-17.572W				Red nun.	Maintained from May 15 to Oct. 15.
15090	- Buoy 3	45-19-51.256N 122-39-25.642W				Green can.	Maintained from May 15 to Oct. 15.
15100	- Buoy 7	45-19-26.693N 122-39-43.964W				Green can.	Maintained from May 15 to Oct. 15.
15110	- Buoy 9	45-19-22.704N 122-39-45.180W				Green can.	Maintained from May 15 to Oct. 15.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OREGON - Thirteenth District						
	WILLAMETTE RIVER (Portland to Newberg) (Chart 18528)						
	Rock Island Channel						
15112	- Buoy 10	45-19-23.150N 122-39-47.734W				Red nun.	Maintained from May 15 to Oct. 15
15115	- Buoy 12	45-19-16.488N 122-39-51.334W				Red nun.	Maintained from May 15 to Oct. 15.
15120	- Buoy 13	45-18-41.099N 122-39-50.345W				Green can.	Maintained from May 15 to Oct. 15.
15125	- Buoy 14	45-18-41.902N 122-39-52.512W				Red nun.	Maintained from May 15 to Oct. 15.
15130	- Buoy 15	45-18-37.434N 122-39-52.233W				Green can.	Maintained from May 15 to Oct. 15.
15135	New Era Bar Range Front Daybeacon	45-17-18.300N 122-39-33.480W				KRW on tower.	
15140	New Era Bar Range Rear Daybeacon 65 yards, 174° from front daybeacon.	45-17-17.760N 122-39-34.080W				KRW on tower.	
15145	Rocky Reef Range Front Daybeacon	45-17-39.240N 122-41-02.160W				KRB on tower.	
15150	Rocky Reef Range Rear Daybeacon 75 yards, 309° from front daybeacon.	45-17-40.320N 122-41-04.860W				KRB on tower.	
	WASHINGTON - Thirteenth District						
	WILLAPA BAY (Chart 18504)						
	Willapa Bay						
15170 715	- *Approach Lighted Whistle Buoy W*	46-44-00.000N 124-11-00.000W	Mo (A) W		5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
15186	- *Entrance Lighted Buoy C*	46-44-00.226N 124-06-01.652W	Fl Y 2.5s		3	Yellow.	Position frequently shifted with changing positions.
15187	- Entrance Buoy D	46-43-35.951N 124-04-00.081W				Yellow can.	Position frequently shifted with changing conditions.
15205	- ENTRANCE LIGHT 11	46-43-06.660N 124-02-14.580W	Fl G 6s	15	3	SG on pile.	Ra ref.
15210	- ENTRANCE LIGHT 13	46-42-09.840N 124-01-14.700W	Fl G 2.5s	15	4	SG on pile structure.	Ra ref.
15215	- CHANNEL LIGHT 15	46-42-05.100N 123-59-44.700W	Fl G 4s	15	4	SG on pile structure.	Ra ref.
15220	- CHANNEL LIGHT 16	46-41-42.480N 123-58-39.780W	Fl R 4s	15	4	TR on pile structure.	Ra ref.
15225	Cedar River Flats Daybeacon 2	46-42-07.638N 123-57-40.200W				TR on pile structure.	
15230	TOKE POINT JETTY LIGHT 3	46-42-23.348N 123-57-58.603W	Fl G 4s	13	5	SG on piles.	
15235	Toke Point Basin Daybeacon 4	46-42-28.740N 123-57-58.170W				TR on pile.	
	Willapa River						
15240	- LIGHT 1	46-41-50.169N 123-57-30.210W	Fl G 2.5s	15	4	SG on dolphin.	
15250	- Daybeacon 2	46-41-32.100N 123-57-20.632W				TR on dolphin.	
15260	- LIGHT 7	46-41-44.107N 123-56-17.243W	Fl G 4s	15	4	SG on pile.	
15265	- LIGHT 8	46-41-27.564N 123-55-44.070W	Fl 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
	WASHINGTON - Thirteenth District						
	WILLAPA BAY (Chart 18504)						
	Willapa River						
15270	- LIGHT 10	46-41-47.724N 123-55-04.104W	Fl R 6s	15	4	TR on pile.	
15275	- LIGHT 13	46-42-01.194N 123-54-32.502W	Fl G 4s	28	4	SG on dolphin.	
15280	- RANGE B FRONT LIGHT	46-42-33.763N 123-51-18.002W	Q W	18		KRB on pile structure.	Visible all around; higher intensity on rangeline.
15285	- RANGE B REAR LIGHT 1,240 yards, 074.5° from front light.	46-42-43.881N 123-50-26.686W	Iso W 6s	56		KRB on pile structure.	Visible 4° each side of rangeline.
15290	- Daybeacon 15	46-42-07.697N 123-53-57.153W				SG on pile.	
15295	- LIGHT 19	46-42-12.132N 123-53-17.286W	Fl G 6s	15	4	SG on dolphin.	Higher intensity beam up and down channel.
15305	- LIGHT 24	46-42-24.595N 123-51-53.646W	Fl R 4s	15	4	TR on dolphin.	
15310	- Daybeacon 26	46-42-27.990N 123-51-23.790W				TR on pile.	Ra ref.
15315	- Daybeacon 28	46-42-23.353N 123-50-58.591W				TR on pile.	
15320	- LIGHT 29	46-42-26.029N 123-50-39.479W	Fl G 2.5s	15	4	SG on dolphin.	
15325	- Daybeacon 30	46-42-15.018N 123-50-34.020W				TR on pile.	
15330	- LIGHT 33	46-42-05.354N 123-49-58.589W	Fl G 4s	22	4	SG on dolphin.	Higher intensity beam up and down channel.
15335	- LIGHT 35	46-41-42.010N 123-49-29.239W	Fl G 6s	15	4	SG on dolphin.	
15340	- LIGHT 39	46-41-12.547N 123-49-01.642W	Fl G 4s	18	4	SG on dolphin.	Higher intensity beam up and down channel.
15345	- LIGHT 40	46-41-10.728N 123-49-07.715W	Fl R 4s	15	3	TR on pile.	
15360	- Daybeacon 44	46-40-12.899N 123-48-50.657W				TR on pile structure.	
15365	- LIGHT 51 80 feet outside channel limit.	46-39-55.054N 123-47-59.201W	Fl G 4s	15	4	SG on dolphin.	
15375	- LIGHT 55	46-40-35.357N 123-47-04.581W	Fl G 4s	16	4	SG on skeleton tower.	
15380	- LIGHT 56 70 feet outside channel limit.	46-40-39.550N 123-46-48.671W	Q R	15	3	TR on dolphin.	
15385	- LIGHT 59	46-40-45.516N 123-45-57.618W	Fl G 2.5s	15	3	SG on pile structure.	
	South Willapa Bay						
15400	- LIGHT 3	46-41-15.949N 123-59-44.189W	Fl G 6s	15	4	SG on pile.	
15410	- LIGHT 7	46-36-35.353N 123-58-28.593W	Fl G 4s	22	4	SG on pile structure.	Higher intensity beam up channel.
15415	- Daybeacon 8	46-35-42.417N 123-58-53.421W				TR on pile.	
	Nahcotta Channel						
15420	- LIGHT 10	46-34-17.355N 123-58-40.589W	Fl R 4s	22	5	TR on dolphin.	
15425	- Daybeacon 11	46-33-44.904N 123-57-39.258W				SG on pile.	
15430	- Daybeacon 12	46-32-45.624N 123-59-08.945W				TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON - Thirteenth District				
	WILLAPA BAY (Chart 18504)						
	Nahcotta Channel						
15435	LONG ISLAND JUNCTION LIGHT	46-32-17.356N 123-58-40.585W	Fl (2+1)G 6s	15	5	JG on dolphin.	Higher intensity beam up and down channel.
15440	- Daybeacon 13	46-30-41.356N 124-00-16.585W				SG on pile.	
15445	NAHCOTTA MOORING BASIN LIGHT 2	46-30-05.499N 124-01-25.737W	Fl R 4s	15	4	TR on pile structure.	Higher intensity beam down channel.
15450	NAHCOTTA MOORING BASIN LIGHT 1	46-30-02.206N 124-01-29.043W	Q G	15	4	SG on pipe.	
	Stanley Channel						
15475	- Daybeacon 2	46-31-11.357N 123-58-34.583W				TR on pile.	
15480	- LIGHT 4	46-28-01.663N 123-57-55.218W	Fl R 4s	15	4	TR on white platform on dolphin.	Higher intensity beam up and down channel.
15485	Stanley Point Junction Daybeacon	46-27-40.386N 123-56-14.820W				JR on pile.	Ra ref.
15490	Nemah River Channel Entrance Daybeacon 1	46-34-44.724N 123-57-06.402W				SG on dolphin.	
	Bay Center Channel						
15495	- LIGHT 1	46-38-37.850N 123-59-25.398W	Fl G 2.5s	24	4	SG on dolphin.	
15497	- Buoy 4	46-38-17.190N 123-59-07.491W				Red nun.	Position frequently shifted with changing conditions.
15500	- LIGHT 6	46-38-24.150N 123-58-20.190W	Fl R 4s	21	4	TR on pile.	Higher intensity beam upstream.
15505	- Buoy 8	46-38-34.230N 123-57-41.856W				Red nun.	Position frequently shifted with changing conditions.
15510	- Buoy 10	46-38-49.938N 123-57-10.188W				Red nun.	Position frequently shifted with changing conditions.
15515	- LIGHT 11	46-38-50.820N 123-57-05.749W	Fl G 4s	18	4	SG on pile structure.	Higher intensity beam down channel.
15525	PALIX RIVER LIGHT 15	46-37-53.814N 123-56-36.489W	Fl G 4s	18	4	SG on dolphin.	
15526	Palix River Buoy 16	46-37-52.092N 123-56-48.348W				Red nun.	
	GRAYS HARBOR - WESTPORT HARBOR (Chart 18502)						
	Grays Harbor						
15530 720	**- Light**	46-53-17.579N 124-07-00.891W	Al WR 30s 0.1s W fl 14.9s ec. 0.1s R fl 14.9s ec.	123	18	White truncated octagonal pyramid tower.	Lighted throughout 24 hours.
15533 718	*Scripps Institute Wave Recorder Lighted Buoy 46211/036*	46-51-25.000N 124-14-40.000W	Fl (5)Y 20s			Yellow sphere shaped buoy.	Private aid.
15535 725	*- Approach Lighted Whistle Buoy GH*	46-51-54.786N 124-14-25.573W	Mo (A) W		5	Red and white stripes.	RACON: G (– – •). No topmark will be shown on this aid as required by IALA standards due to weather.
15540	- BAR RANGE FRONT LIGHT	46-55-50.048N 124-09-33.380W	Q R	25		KRB on skeleton tower.	Visible 1.5° each side of rangeline.
15545	- BAR RANGE REAR LIGHT 543 yards, 039.1° from front light.	46-56-02.527N 124-09-18.558W	Iso R 6s	65		KRB on skeleton tower.	Visible 1.5° each side of rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON - Thirteenth District				
	GRAYS HARBOR - WESTPORT HARBOR (Chart 18502)						
	Grays Harbor						
15550	*- Entrance Lighted Whistle Buoy 2*	46-52-42.520N 124-12-40.128W	Fl R 4s		3	Red.	
15555	*- Entrance Lighted Whistle Buoy 3*	46-54-59.304N 124-14-47.556W	Fl G 4s		3	Green.	
15560	*- Entrance Lighted Whistle Buoy 4*	46-53-40.518N 124-11-46.089W	Fl R 4s		3	Red.	
15565	*- Entrance Lighted Gong Buoy 5*	46-54-49.517N 124-12-35.029W	Fl G 4s		3	Green.	
15570	*- Entrance Lighted Whistle Buoy 6*	46-54-16.219N 124-11-10.127W	Fl R 2.5s		3	Red.	
15571	*- Entrance Lighted Whistle Buoy 8*	46-54-29.218N 124-11-01.065W	Q R		4	Red.	
15575	*- Entrance Lighted Buoy 9*	46-54-47.241N 124-09-54.521W	Fl G 4s		3	Green.	
15585	POINT CHEHALIS RANGE FRONT LIGHT	46-54-30.672N 124-07-23.647W	Fl R 2.5s	17		KRB on skeleton tower on pile structure.	Visible 1.5° each side of rangeline.
15590	POINT CHEHALIS RANGE REAR LIGHT 348 yards, 092.9° from front light.	46-54-30.157N 124-07-08.573W	Iso R 6s	66		KRB on skeleton tower on pile structure.	Visible 1.5° each side of rangeline.
15591	**- South Jetty Sound Signal**	46-54-21.000N 124-08-58.000W					Maintained from Jun. 1 to Oct. 1. HORN: 1 blast ev 15s (2s bl).
15595	*- Channel Lighted Whistle Buoy 11*	46-54-40.600N 124-08-24.700W	Q G		3	Green.	
15600	*- Channel Lighted Whistle Buoy 13*	46-55-21.321N 124-07-27.123W	Fl G 4s		3	Green.	
15610	- SOUTH REACH RANGE A FRONT LIGHT	46-55-12.607N 124-02-58.671W	Fl R 2.5s	21		KRB on multi-pile structure.	Visible all around; higher intensity on rangeline.
15615	- SOUTH REACH RANGE A REAR LIGHT 599 yards, 092.3° from front light.	46-55-11.887N 124-02-32.723W	Iso R 6s	61		KRB on skeleton tower on multi-pile structure.	Visible 10° each side of rangeline.
15620	*- South Reach Lighted Bell Buoy 14*	46-55-15.682N 124-06-19.752W	Q R		3	Red.	
15625	*- South Reach Lighted Buoy 15*	46-55-24.579N 124-06-09.279W	Q G		3	Green.	
15630	*- South Reach Lighted Buoy 15A*	46-55-18.933N 124-05-26.390W	Fl G 4s		3	Green.	
15635	- SOUTH REACH LIGHT 16	46-55-07.719N 124-05-00.307W	Fl R 4s	15	4	TR on dolphin.	Higher intensity beam up and down channel.
15640	*- South Reach Lighted Buoy 17*	46-55-17.324N 124-04-14.619W	Fl G 4s		3	Green.	
15645	*- South Reach Lighted Bell Buoy 18*	46-55-10.827N 124-04-13.925W	Fl R 4s		3	Red.	
15655	*- South Reach Lighted Gong Buoy 21*	46-55-17.555N 124-03-23.364W	Q G		3	Green.	
15660	*- South Reach Lighted Junction Buoy SC*	46-55-18.775N 124-02-49.247W	Fl (2+1)R 6s		3	Red and green bands.	
15665	- SOUTH REACH RANGE AA FRONT LIGHT	46-55-07.286N 124-03-39.405W	Q R	33		KRB on multi-pile structure.	Visible all around; higher intensity on rangeline. Ra ref.
15670	- SOUTH REACH RANGE AA REAR LIGHT 243 yards, 246.7° from front light.	46-55-04.429N 124-03-49.103W	Iso R 6s	52		KRB on skeleton tower on multi-pile structure.	Visible 14° each side of rangeline.
15675	- South Reach Buoy 23	46-55-35.325N 124-02-25.617W				Green can.	
15680	*- South Reach Lighted Buoy 24*	46-55-35.325N 124-01-54.616W	Fl R 4s		3	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON - Thirteenth District				
	GRAYS HARBOR - WESTPORT HARBOR (Chart 18502)						
	Grays Harbor						
15685	- NORTH CHANNEL RANGE B FRONT LIGHT	46-55-27.420N 124-01-40.845W	Q W	32		KRB on skeleton tower on pile structure.	Visible all around; higher intensity on rangeline.
15690	- NORTH CHANNEL RANGE B REAR LIGHT 606 yards, 222.2° from front light.	46-55-14.121N 124-01-58.489W	Iso W 6s	53		KRB on pile structure.	Visible all around; higher intensity on rangeline.
15695	- *North Channel Lighted Buoy 25*	46-55-54.682N 124-01-13.171W	Q G		4	Green.	
15700	- *North Channel Lighted Bell Buoy 26*	46-56-13.026N 124-00-29.114W	Fl R 2.5s		3	Red.	
15705	- *North Channel Lighted Buoy 27*	46-56-29.325N 124-00-24.674W	Fl G 2.5s		3	Green.	
15710	- North Channel Buoy 28	46-57-03.770N 123-59-26.438W				Red nun.	
15715	- NORTH CHANNEL RANGE C FRONT LIGHT	46-57-55.203N 123-58-23.507W	Q W	34		KRB on multi-pile structure.	Visible all around; higher intensity on rangeline. Ra ref.
15720	- NORTH CHANNEL RANGE C REAR LIGHT 904 yards, 042.4° from front light.	46-58-14.980N 123-57-57.080W	Iso W 6s	70		KRB on multi-pile structure.	Visible 10° each side of rangeline. Ra ref.
15725	- *North Channel Lighted Buoy 29*	46-57-04.325N 123-59-36.713W	Fl G 4s		3	Green.	
15730	- *North Channel Lighted Buoy 30*	46-57-28.810N 123-58-54.333W	Q R		4	Red.	
15735	- NORTH CHANNEL RANGE D FRONT LIGHT	46-57-33.519N 123-59-27.555W	Q W	40		KRB on multi-pile structure.	Visible 4° each side of rangeline.
15740	- NORTH CHANNEL RANGE D REAR LIGHT 338 yards, 259.7° from front light.	46-57-31.730N 123-59-42.000W	Iso W 6s	59		KRB on multi-pile structure.	Visible 4° each side of rangeline.
15745	- NORTH CHANNEL RANGE E FRONT LIGHT	46-58-13.460N 123-55-05.704W	Q G	27		KRB on pile structure.	Visible 4° each side of rangeline.
15750	- NORTH CHANNEL RANGE E REAR LIGHT 669 yards, 075.3° from front light.	46-58-18.493N 123-54-37.647W	Iso G 6s	50		KRB on pile structure.	Visible 4° each side of rangeline.
15755	- *North Channel Lighted Buoy 32*	46-57-35.543N 123-58-39.328W	Fl R 2.5s		3	Red.	
15760	- *North Channel Lighted Buoy 34*	46-57-40.645N 123-57-57.752W	Fl R 4s		4	Red.	
15765	- *North Channel Lighted Buoy 35*	46-57-54.929N 123-57-01.574W	Fl G 4s		5	Green.	
15770	- *North Channel Lighted Buoy 36*	46-57-52.929N 123-56-23.824W	Fl R 2.5s		3	Red.	
15775	- *North Channel Lighted Buoy 40*	46-58-06.728N 123-55-23.408W	Q R		4	Red.	
15785	- NORTH CHANNEL RANGE F FRONT LIGHT	46-58-11.634N 123-55-54.348W	Q W	27		KRB on pile structure.	Visible all around; higher intensity on rangeline.
15790	- NORTH CHANNEL RANGE F REAR LIGHT 375 yards, 225° from front light.	46-58-12.114N 123-56-10.230W	Iso W 6s	45		KRB on pile structure.	Visible 5.5° each side of rangeline.
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*	46-58-02.087N 123-54-09.803W	Fl R 2.5s		3	Red.	
15805	- NORTH CHANNEL LIGHT 46	46-58-01.482N 123-52-20.826W	Fl R 4s	15	3	TR on multi-pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON - Thirteenth District				
	GRAYS HARBOR - WESTPORT HARBOR (Chart 18502)						
	Grays Harbor						
	Cow Point						
15810	- REACH RANGE G FRONT LIGHT	46-57-24.161N 123-50-16.631W	Q W	21		KRB on pile structure. On same structure as Aberdeen Range K Front Light.	Visible all around; higher intensity on rangeline.
15815	- REACH RANGE G REAR LIGHT 635 yards, 120.1° from front light.	46-57-14.725N 123-49-52.822W	Iso W 6s	43		KRB on skeleton tower on pile structure.	Visible 10° 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	46-57-33.271N 123-51-03.198W				NR on pile.	
15835	Cowpoint Turn Basin Daybeacon B	46-57-30.626N 123-50-56.265W				NR on pile.	
15840	GRAYS HARBOR NORTH CHANNEL LIGHT 51	46-57-39.792N 123-50-47.034W	Fl G 4s	15	4	SG on dolphin.	
15841	*Grays Harbor North Channel Lighted Buoy 52*	46-57-32.800N 123-50-48.725W	Q R		4	Red.	
15842	*Grays Harbor North Channel Lighted Buoy 54*	46-57-32.688N 123-50-12.041W	Fl 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.
15850	- REACH RANGE H FRONT LIGHT	46-57-35.211N 123-49-24.378W	Q R	31		KRB on multi-pile structure.	Visible 1.5° each side of rangeline.
15855	- REACH RANGE H REAR LIGHT 446 yards, 091.6° from front light.	46-57-34.838N 123-49-05.036W	Iso R 6s	43		KRB on skeleton tower on multi-pile structure.	Visible 1.5° each side of rangeline.
15860	- REACH RANGE J FRONT LIGHT	46-57-51.758N 123-49-02.749W	Q G	25		KRB on skeleton tower on pile structure.	Visible all around; higher intensity on rangeline.
15865	- REACH RANGE J REAR LIGHT 280 yards, 072° from front light.	46-57-54.310N 123-48-51.214W	Iso G 6s	34		KRB on skeleton tower on pile structure.	Visible 10° each side of rangeline.
	Aberdeen						
15870	- REACH RANGE K FRONT LIGHT	46-57-24.161N 123-50-16.635W	Q W	29		KRB on multi-pile structure. On same structure as Cow Point Reach Range G Front Light.	Visible all around; higher intensity on rangeline.
15875	- REACH RANGE K REAR LIGHT 976 yards, 231.7° from front light.	46-57-06.269N 123-50-49.864W	Iso W 6s	50		KRB on multi-pile structure.	Visible 5.5° each side of range line.
15880	GRAYS HARBOR NORTH CHANNEL LIGHT 55	46-57-46.476N 123-49-42.390W	Fl G 4s	15	4	SG on dolphin.	
15885	- HARBOR LIGHT 1	46-58-26.496N 123-48-22.751W	Q G	20	4	SG on dolphin.	
15890	- REACH RANGE L FRONT LIGHT	46-58-29.249N 123-48-17.254W	Q R	29		KRB on multi-pile structure.	Visible 1.5° each side of rangeline.
15895	- REACH RANGE L REAR LIGHT 375 yards, 049.9° from front light.	46-58-36.393N 123-48-04.817W	Iso R 6s	67		KRB on skeleton tower on pile structure.	Visible 1.5° each side of rangeline.
15900	- HARBOR LIGHT 3	46-58-37.615N 123-47-39.546W	Fl G 4s	20	4	SG on dolphin.	Higher intensity beam down river.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON - Thirteenth District				
	GRAYS HARBOR - WESTPORT HARBOR (Chart 18502)						
	Grays Harbor North Bay						
15925	- *Lighted Buoy 1*	46-55-47.427N 124-05-54.595W	Fl G 4s		3	Green.	
15930	- Buoy 2	46-56-02.879N 124-05-38.042W				Red nun.	
15935	- Buoy 4	46-56-32.321N 124-05-59.622W				Red nun.	
15940	DAMON POINT LIGHT	46-57-01.689N 124-06-20.801W	Fl Y 4s	20	5	NY on pile structure.	Ra ref.
	South Channel						
15950	GRAYS HARBOR SOUTH CHANNEL LIGHT 6	46-55-14.245N 124-01-58.188W	Fl R 2.5s	16	4	TR on dolphin.	
15955	JOHNS RIVER ENTRANCE LIGHT 8	46-55-22.062N 124-00-34.438W	Fl R 4s	15	4	TR on dolphin.	Higher intensity beam up and down channel.
15960	Johns River Daybeacon 1	46-55-06.522N 124-00-06.563W				SG on pile.	
15965	Johns River Daybeacon 3	46-54-51.719N 123-59-58.801W				SG on pile.	
15970	WEYERHAUSER OUTFALL LIGHTS (2)	46-57-24.000N 123-50-54.000W	Fl Y 10s	12		On dolphins at end of submerged outfall pipe.	Private aid.
	South Bay Channel						
15981	*Point Chehalis Lighted Buoy 2*	46-54-50.614N 124-07-13.009W	Q R		4	Red.	
15985	GRAYS HARBOR REGULATED NAVIGATION AREA WARNING SIGN (2)	46-54-08.000N 124-06-09.000W	Q Y			NW worded ROUGH BAR.	Lights flashing when bar is restricted to recreational and uninspected passenger vessels. Contact the nearest US Coast Guard unit for further information. Light oriented upstream.
15990	*Point Chehalis Lighted Buoy 4*	46-54-57.228N 124-06-51.438W	Fl R 4s		3	Red.	
15995	POINT CHEHALIS LIGHT 6	46-54-44.612N 124-06-36.741W	Fl R 4s	15	4	TR on platform.	
	Westhaven						
16001	- LIGHT 7	46-54-50.460N 124-06-27.540W	Fl G 4s	17	4	SG on multi-pile structure.	
16005	- OUTER BREAKWATER NORTH LIGHT 8	46-54-38.442N 124-06-28.614W	Fl R 4s	15	4	TR on pile.	Higher intensity beam up channel.
16010	- OUTER BREAKWATER SOUTH LIGHT 10	46-54-31.566N 124-06-25.746W	Q R	15	4	TR on pile.	Higher intensity beam down channel.
16015	- SOUTH BREAKWATER LIGHT 11	46-54-32.196N 124-06-29.820W	Fl G 4s	15	5	SG on dolphin.	
16020	- COVE SOUTHEAST ENTRANCE LIGHT 1	46-54-21.312N 124-06-05.364W	Fl G 2.5s	16	4	SG on dolphin.	Light is obscured from 138.5° to 242.5°.
16025	- COVE SOUTHEAST ENTRANCE LIGHT 2	46-54-22.638N 124-06-02.688W	Fl R 2.5s	15	3	TR on dolphin.	
	South Bay Channel						
16030	- Daybeacon 1	46-54-24.905N 124-05-40.397W				SG on pile.	Ra ref.
16035	- Daybeacon 4	46-53-54.930N 124-05-06.552W				TR on pile.	Ra ref.
16040	- Daybeacon 5	46-53-34.836N 124-04-42.564W				SG on pile.	Ra ref.
16045	- Daybeacon 6	46-53-07.863N 124-04-59.516W				TR on pile.	
16050	- Daybeacon 8	46-52-48.384N 124-05-01.428W				TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
	GRAYS HARBOR - WESTPORT HARBOR (Chart 18502)						
	South Bay Channel						
16055	- Daybeacon 10	46-52-31.082N 124-04-51.828W				TR on pile.	
16060	- Daybeacon 12	46-52-17.082N 124-04-44.778W				TR on pile.	
16065	- Daybeacon 14	46-52-06.216N 124-04-37.962W				TR on pile.	
16070	- Daybeacon 16	46-51-57.642N 124-04-25.164W				TR on pile.	
	APPROACHES TO STRAIT OF JUAN DE FUCA (Chart 18480)						
	Quillayute River						
16075 740	- *Approach Lighted Whistle Buoy Q*	47-53-24.400N 124-39-57.100W	Mo (A) W		5	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	47-54-17.480N 124-38-50.871W	Fl W 6s	150	9	White house.	Obscured from 068° to 101° and from 111° to 293°.
16085	- *Entrance Lighted Buoy 2*	47-53-41.260N 124-38-46.773W	Fl R 4s		3	Red.	
16086	- Entrance Light 2A	47-54-21.000N 124-38-37.800W	Fl R 2.5s	20	3	Red pile structure.	Due to weather conditions, the daymarks have been permanently removed from this aid.
16090	- DIRECTION LIGHT	47-54-27.066N 124-38-40.591W	Iso W 6s (R & G Sectors)	36	W 2 R 1.5 G 1.5	Skeleton tower on multi-pile structure. On same structure as Quillayute River Entrance Light 3.	White visible 1° each side of centerline of channel bearing 005.5°. Red visible from 003° to 004.5°. Green visible from 006.5° to 008°.
16095	- ENTRANCE LIGHT 3	47-54-27.066N 124-38-40.547W	Fl G 4s Light obscured from 340° to 238°.	36	4 G	SG on skeleton tower on multi-pile structure. On same structure as Quillayute River Direction Light.	Obscured from 340° to 238°.
16096	- Buoy 5	47-54-30.185N 124-38-31.192W				Green can.	Position shifted with changing conditions. Maintained from May 1 to Oct. 1.
16097	- Buoy 7	47-54-34.502N 124-38-23.611W				Green can.	Position shifted with changing conditions. Maintained from May 1 to Oct. 1.
16100	- REGULATED NAVIGATION AREA WARNING SIGN (2)	47-54-46.078N 124-38-08.659W	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	47-54-38.220N 124-38-16.680W	Fl G 4s	13	3	SG on dolphin.	
16110	- BOAT BASIN LIGHT 2	47-54-37.260N 124-38-17.340W	Fl R 4s	13	3	TR on dolphin.	
	STRAIT OF JUAN DE FUCA ENTRANCE (Chart 18460)						
	Strait of Juan De Fuca						
16115	*University of Washington LaPush Research Lighted Buoy*	47-57-58.320N 124-56-59.700W	Fl (5)Y 20s			Yellow fiberglass buoy.	Private aid.
16135 755	- *Traffic Separation Lane Lighted Buoy J*	48-29-36.817N 125-00-00.000W	Fl Y 2.5s		6	Yellow.	RACON: O (– – –).
16136 756	- *Traffic Separation Lane Lighted Buoy JA*	48-29-35.198N 124-43-34.525W	Fl Y 2.5s		3	Yellow.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
	STRAIT OF JUAN DE FUCA ENTRANCE (Chart 18460)						
	Strait of Juan De Fuca						
16140 770	**Carmanah Point (C)**	48-36-42.400N 124-45-04.800W	Fl W 5s	182	19	White octagonal tower.	
16145 760	**Cape Flattery Light**	48-23-30.676N 124-44-13.342W	Fl (2)W 20s	165	14	On skeleton tower. 57	
16150 765	*Duntze Rock Lighted Whistle Buoy 2*	48-24-53.919N 124-45-06.575W	Fl R 4s		4	Red.	
16155	WAADAH ISLAND LIGHT	48-23-05.753N 124-35-59.172W	Fl W 4s	63	8	NR on concrete tower.	
16160	NEAH BAY LIGHT 2	48-22-41.422N 124-35-40.128W	Fl R 6s	46	5	TR on skeleton tower.	Light obscured from 114° to 196°.
16162	NEAH BAY COAST GUARD BREAKWATER OBSTRUCTION LIGHT A	48-22-15.583N 124-36-04.543W	Fl Y 6s	26	3	NY on breakwater.	
16163	NEAH BAY COAST GUARD BREAKWATER OBSTRUCTION LIGHT B	48-22-16.782N 124-36-07.344W	Fl Y 4s	26	3	NY on breakwater.	
16165	NEAH BAY LIGHT 4	48-22-29.640N 124-36-01.260W	Fl R 2.5s		3	TR on pile structure.	
16166	NEAH BAY MARINA BREAKWATER OBSTRUCTION LIGHT A	48-22-05.526N 124-36-27.396W	Fl Y 6s	24	3	NY on pole.	
16167	NEAH BAY MARINA BREAKWATER OBSTRUCTION LIGHT B	48-22-09.048N 124-36-31.585W	Fl Y 4s	20	3	NY on pole.	
16168	NEAH BAY MARINA ENTRANCE LIGHT 1	48-22-10.026N 124-36-47.364W	Q G	24	3	SG on pole.	
16170	*Neah Bay Entrance Lighted Bell Buoy 1*	48-22-36.598N 124-35-15.548W	Fl G 4s		3	Green.	
16175	*Port San Juan Lighted Whistle Buoy YK* (C)	48-32-04.361N 124-29-06.350W	Mo (A) W			Red and white vertical stripes, marked YK.	
16180	**San Juan Point Light** (C)	48-31-53.200N 124-27-28.800W	Fl R 5s	55	11	White circular tower with red band at top on a white rectangular building 55	
16185	*Clallam Reef Lighted Buoy 1*	48-16-06.208N 124-15-27.771W	Fl G 4s		4	Green.	
16195	SHERINGHAM POINT LIGHT (C)	48-22-36.100N 123-55-15.900W	Fl G 15s	64	9	White hexagonal tower.	
	STRAIT OF JUAN DE FUCA (Eastern Part) (Chart 18465)						
	Strait of Juan De Fuca						
16210	WHIFFIN SPIT LIGHT (C)	48-21-30.100N 123-42-41.300W	Q W	22	7		White circular tower with green band at top.
16215	Crescent Bay Bell Buoy 2	48-10-19.566N 123-43-34.605W				Red.	
16221	*Race Rocks South Cautionary Lighted Buoy VF* (C)	48-14-04.400N 123-31-58.700W	Fl Y 4s		5	Yellow.	Ra ref.
16222	*- Traffic Seperation Lane Lighted Buoy PA*	48-12-57.305N 123-28-44.396W	Fl Y 2.5s		6	Yellow.	
16223	*Race Rocks East Cautionary Lighted Buoy VG* (C)	48-16-04.400N 123-27-49.700W	Fl Y 4s			Yellow.	
16224	*- Lighted Buoy 4*	48-09-47.750N 123-28-24.062W	Fl R 4s		4	Red.	
16225	**Race Rocks Light** (C)	48-17-52.900N 123-31-53.100W	Fl W 10s	118	19	White and black horzontally banded circular tower.	HORN: 3 blast ev 60s (2s bl-3s si-2s bl-3s si-2s bl-48s si). Horn points 150°.
16235	*Victoria Habor Cautionary Lighted Buoy VH* (C)	48-22-31.300N 123-23-33.700W	Fl Y 4s		5	Yellow.	RACON: F (•• – •).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON - Thirteenth District				
	STRAIT OF JUAN DE FUCA (Eastern Part) (Chart 18465)						
	Strait of Juan De Fuca						
16245	FISGARD SECTOR LIGHT (C)	48-25-49.400N 123-26-51.200W	Iso W 2s (R Sector)	71	W R	White circular tower.	Red sector from 195° to 332°, white from 332° to 195°. Floodlit below balcony.
16250	OGDEN POINT BREAKWATER LIGHT (C)	48-24-48.600N 123-23-37.700W	Q R	40		White tower with red band around bottom.	
16255	SCROGGS ROCKS LIGHT (C)	48-25-34.200N 123-26-19.800W	Fl R 4s	20	5	White circular tower with red band at top.	
16260	BROTCHIE LEDGE LIGHT (C)	48-24-23.200N 123-23-16.800W	Fl G 4s	37	7	White circular tower with green band at top.	Ra ref.
16265	**Trail Islands Light** (C)	48-23-42.300N 123-18-18.600W	Fl G 5s	93	11	White circular tower.	
16270 19685	**Discovery Island Light** (C)	48-25-28.300N 123-13-32.700W	Fl W 5s	93	16	White circular tower.	HORN: 1 blast ev 60s (6s bl).
	Ediz Hook						
16280	**- Light**	48-08-24.500N 123-24-08.100W	Fl G (2)W 10s 0.1s G fl 2.4s ec. 0.1s W fl 2.4s ec. 0.1s W fl 4.9s 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 83A (157.175MHz). HORN will operate for 30 minutes.
16285	- *Lighted Buoy 2*	48-08-20.497N 123-23-57.750W	Fl R 2.5s		3	Red.	
16287	*Port Angeles Research Lighted Buoy*	48-07-23.460N 123-23-41.880W	Q Y			Yellow.	Navy maintained. Private aid.
16290	Port Angeles Harbor Buoy 1	48-07-20.807N 123-24-30.967W				Green can.	
	Coast Guard Mooring						
16291	- BREAKWATER OBSTRUCTION LIGHT	48-08-22.500N 123-24-42.600W	Fl Y 4s	14	5	NY on concrete wall.	
16292	- BASIN LIGHT 1	48-08-21.960N 123-24-46.080W	Fl G 4s	14	4	SG on pier.	
16293	- BASIN LIGHT 2	48-08-21.420N 123-24-44.100W	Fl R 4s	14	3	TR on concrete wall.	
16294	- BASIN LIGHT 3	48-08-22.746N 123-24-54.504W	Fl G 2.5s	14	4	SG on multi-pile.	
16295	- BASIN LIGHT 4	48-08-22.620N 123-24-52.260W	Fl R 2.5s	17	3	TR on pier.	
	Ediz Hook						
16300	- SALMON PEN LIGHT A	48-08-15.968N 123-25-04.015W	Fl Y 6s			On aquaculture facility.	Private aid.
16307	- SALMON PEN LIGHT B	48-08-17.052N 123-25-20.737W	Fl Y 6s			On aquaculture facility.	Private aid.
	Port Angeles						
16310	- PORT DOCK LIGHT A	48-07-32.000N 123-26-15.000W	F Y	17		On pile.	Private aid.
16315	- *Boat Haven Lighted Buoy 3*	48-07-42.665N 123-26-54.221W	Fl G 4s		3	Green.	
16320	- MOORING BASIN WEST LIGHT	48-07-36.000N 123-27-06.000W	F R	17		On dolphin.	Private aid.
16325	- MOORING BASIN EAST LIGHT	48-07-36.000N 123-27-08.000W	F G	17		On breakwater.	Private aid.
16330	- BOAT HAVEN LIGHT	48-07-36.000N 123-27-06.000W	Fl W 2.5s	17		On mast.	Private aid.
	Strait of Juan De Fuca						
16335	**New Dungeness Light**	48-10-54.284N 123-06-36.937W	Fl W 5s	67	18	White conical tower on dwelling. 67	

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	STRAIT OF JUAN DE FUCA (Eastern Part) (Chart 18465)						
	Strait of Juan De Fuca						
16337	*NOAA Environmental Lighted Buoy 46088*	48-20-00.000N 123-10-00.000W	Fl (4)Y 20s		4	Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
16340	*Rosario Strait Traffic Separation Lane Entrance Lighted Buoy R*	48-16-25.342N 123-06-34.643W	Fl Y 2.5s		6	Yellow.	
16345	*Puget Sound Traffic Separation Lane Entrance Lighted Buoy S*	48-12-21.339N 123-06-34.641W	Fl Y 2.5s		6	Yellow.	
16355	*New Dungeness Sand Spit Lighted Buoy 2*	48-11-32.338N 123-05-40.639W	Fl R 4s		3	Red.	
16361	*Hein Bank Isolated Danger Lighted Buoy DH*	48-21-05.620N 123-02-45.720W	Fl (2)W 5s		6	Black and red bands with two black spherical topmarks.	
16362	*Hein Bank Lighted Buoy 1*	48-22-01.442N 123-02-11.154W	Fl G 6s		4	Green.	RACON: K (– • –).
16365	*Salmon Bank Lighted Gong Buoy 3*	48-25-36.004N 122-58-36.727W	Fl G 4s		3	Green.	
16370	*Rosario Strait Traffic Separation Lane Lighted Buoy RA*	48-19-45.350N 122-58-38.634W	Fl Y 2.5s		6	Yellow.	RACON: N (– •)
16375	**Smith Island Light**	48-19-06.379N 122-50-37.721W	Fl W 10s	97	18	Skeleton tower. 97	
16380	MINOR ISLAND LIGHT	48-19-26.700N 122-49-09.360W	Fl W 4s	24	6	Cylindrical Tower.	
16385	Partridge Bank Buoy 1	48-15-31.854N 122-50-12.128W				Green can.	
16390	*Partridge Bank Lighted Bell Buoy 3*	48-14-48.754N 122-50-02.727W	Fl G 6s		6	Green.	
16395	*Point Partridge Lighted Bell Buoy 5*	48-13-14.853N 122-46-59.623W	Fl G 4s		4	Green.	
16400	**Point Partridge Light**	48-13-28.758N 122-46-09.945W	Fl W 5s	105	13	NB on skeleton tower. 30	
16405	*Puget Sound Traffic Separation Lane Lighted Buoy SA*	48-11-27.347N 122-49-47.622W	Fl Y 2.5s		6	Yellow.	RACON: M (– –).
	STRAIT OF JUAN DE FUCA ENTRANCE (Chart 18460)						
	Strait of Juan De Fuca						
16410	*Port Williams Research Lighted Buoy*	48-06-55.530N 123-01-57.980W	Q Y			Yellow	Private aid.
	APPROACHES TO ADMIRALTY INLET (Chart 18471)						
	Sequim Bay						
16416	*- Entrance Lighted Buoy 2*	48-05-04.697N 123-01-42.860W	Fl R 4s		3	Red.	
16420	- Entrance Buoy 4	48-04-58.332N 123-02-16.631W				Red nun.	
16425	- Buoy 5	48-04-37.727N 123-02-35.785W				Green can.	
16430	- Buoy 7	48-04-28.582N 123-02-35.810W				Green can.	
16435	- Buoy 9	48-04-14.920N 123-02-24.668W				Green can.	
16440	- Buoy 10	48-04-13.961N 123-02-33.051W				Red nun.	
16445	JOHN WAYNE MARINA LIGHT 2	48-03-54.000N 123-02-18.000W	Fl R 2.5s	21		On north breakwater.	Private aid.
16450	JOHN WAYNE MARINA LIGHT 3	48-03-48.000N 123-02-18.000W	Fl G 2.5s	13		On south breakwater.	Private aid.
	Strait of Juan De Fuca						
16465	McCurdy Point Buoy 4	48-08-41.761N 122-50-40.019W				Red nun.	
16470	*Point Wilson Lighted Buoy 6*	48-09-10.994N 122-45-37.635W	Fl R 4s		3	Red.	

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			WASHINGTON - Thirteenth District				
	ADMIRALTY INLET AND PUGET SOUND TO SEATTLE (Chart 18441)						
	Admiralty Inlet						
16475	**Point Wilson Light**	48-08-38.969N 122-45-17.197W	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 on fog signal building. 51	
16480	KEYSTONE HARBOR ENTRANCE LIGHT 1	48-09-21.000N 122-40-22.200W	Fl G 4s			On piling.	Private aid.
16485	KEYSTONE HARBOR ENTRANCE LIGHT 2	48-09-23.346N 122-40-16.597W	Fl R 4s	13	5	TR on platform.	
16490 17520	*Point Hudson Spit Lighted Bell Buoy 2*	48-07-27.422N 122-44-39.803W	Fl R 4s		3	Red.	
16495 17525	POINT HUDSON LIGHT 4	48-07-02.007N 122-44-57.181W	Fl R 2.5s	35	5	TR on skeleton tower.	
16500	MARROWSTONE POINT LIGHT	48-06-05.798N 122-41-16.482W	Fl W 6s	28	7	White square structure.	
16505	BUSH POINT LIGHT	48-01-50.506N 122-36-25.422W	Fl W 2.5s	25	7	White pyramidal building.	
16510	*Puget Sound Traffic Separation Lane Lighted Buoy SC*	48-01-51.331N 122-38-09.570W	Fl Y 2.5s		6	Yellow.	May be submerged during periods of extreme current.
16515 17700	COLVOS ROCKS LIGHT	47-57-07.408N 122-40-15.702W	Fl W 4s	34	6	NB on skeleton tower.	
16520	DOUBLE BLUFF LIGHT	47-58-03.011N 122-32-46.577W	Fl W 4s	60	6	NG on skeleton tower.	
16525	*Double Bluff Lighted Buoy 1*	47-57-58.433N 122-33-16.269W	Fl G 4s		3	Green.	
16530	*Puget Sound Traffic Separation Lane Lighted Buoy SD*	47-57-52.332N 122-34-46.545W	Fl Y 2.5s		6	Yellow.	
16535	*Foulweather Bluff Lighted Bell Buoy 2*	47-56-50.022N 122-36-05.919W	Fl R 4s		4	Red.	
16540	*Puget Sound Traffic Separation Lane Lighted Buoy SE*	47-55-24.400N 122-29-31.372W	Fl Y 2.5s		6	Yellow.	RACON: T (–).
16545	SKUNK BAY LIGHT	47-55-12.000N 122-34-06.000W	F R	210		White octagonal tower.	Private aid.
	Puget Sound						
16550	**Point No Point Light**	47-54-43.785N 122-31-36.528W	Fl (3)W 10s 0.1s fl 1.9s ec. 0.1s fl 1.9s ec. 01.s fl 5.9s ec.	27	14	White octagonal tower on fog signal building. 30	
16555	*Scatchet Head Lighted Gong Buoy 1*	47-54-29.741N 122-26-17.305W	Fl G 6s		5	Green.	
16560 18455	*Possession Point Lighted Bell Buoy 1*	47-53-48.543N 122-23-07.396W	Fl G 4s		5	Green.	
	Cultus Bay						
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.

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	WASHINGTON - Thirteenth District						
	ADMIRALTY INLET AND PUGET SOUND TO SEATTLE (Chart 18441)						
	Cultus Bay						
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.
16635	- Daybeacon 17	47-55-01.800N 122-23-45.000W				SG 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.
	Puget Sound						
16675	APPLE COVE POINT LIGHT	47-48-53.584N 122-28-54.732W	Fl W 4s	18	6	NB on pile structure.	
16690	Edmonds Underwater Park Buoys (2) Marks seaward corner of Edmonds Underwater Park.	47-48-54.000N 122-23-06.000W				White with orange bands near top and at waterline worded WARNING UNDERWATER PARK BOATS KEEP 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.
16710	EDMONDS SMALL BOAT HARBOR ENTRANCE LIGHT 1	47-48-31.000N 122-23-30.000W	Fl G 4s	18		SG on dolphin.	Private aid.
16715	EDMONDS SMALL BOAT HARBOR ENTRANCE LIGHT 2	47-48-33.000N 122-23-25.000W	Fl R 4s	19		TR on pedestal.	Private aid.
16718	EDMONDS FERRY TERMINAL LIGHTS (2)	47-48-49.000N 122-23-10.000W	Fl Y 10s	30		On dolphin.	HORN: 2 blasts ev 30s (5s bl). Private aid.
16720	Edmonds Fishing Reef Buoys (2)	47-48-42.000N 122-23-18.000W				White cans with orange band and diamond.	Private aid.
16725	**Point Wells Fog Signal**	47-46-54.000N 122-23-48.000W				On pole.	HORN: 1 blast ev 30s (3s bl). Operates from May 1 to Oct. 20. Private aid.
16730	KINGSTON SMALL BOAT HARBOR LIGHT 2	47-47-36.876N 122-29-55.080W	Fl R 4s	13	4	TR on skeleton tower.	
16745	- *Traffic Separation Lane Lighted Buoy SF*	47-45-54.349N 122-26-15.478W	Fl Y 2.5s		6	Yellow.	RACON: G (– – •).
	PUGET SOUND - Seattle to Olympia (Chart 18448)						
	Puget Sound						
16755	*Richmond Beach Research Lighted Buoy*	47-45-40.560N 122-23-49.980W	Fl Y 4s			Yellow	Private aid.
	ADMIRALTY INLET AND PUGET SOUND TO SEATTLE (Chart 18441)						
	Puget Sound						
16765	*Meadow Point Lighted Buoy 1*	47-41-46.551N 122-24-34.569W	Fl G 4s		4	Green.	

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	ADMIRALTY INLET AND PUGET SOUND TO SEATTLE (Chart 18441)						
	Puget Sound						
16770	SHILSHOLE BAY BOAT BASIN LIGHT 2	47-41-15.631N 122-24-17.697W	Fl R 2.5s	28	5	TR on jetty.	
16775	GOLDEN GARDENS BOAT RAMP PIER LIGHT	47-41-13.869N 122-24-16.041W	F Y			On pier.	Private aid.
16780	*ACOE Shilshole Bay North Lighted Mooring Buoy*	47-41-13.400N 122-24-37.900W	Fl W 4s			White with blue band.	Maintained by U.S. Army Corps of Engineers. Private aid.
16785 18110	*Shilshole Bay Approach Lighted Buoy S*	47-40-55.351N 122-25-07.569W	Mo (A) W		3	Red and white stripes with red spherical topmark.	
16790 18140	SHILSHOLE BAY BREAKWATER LIGHT 3	47-40-37.994N 122-24-43.299W	Fl G 2.5s	29	5	SG on jetty.	
16795	*ACOE Shilshole Bay South Lighted Mooring Buoy*	47-40-22.300N 122-25-23.500W	Fl W 4s			White with blue band.	Maintained by U.S. Army Corps of Engineers. Private aid.
16800	**West Point Light**	47-39-43.081N 122-26-08.529W	Al WR 10s 0.2s W fl 4.8s ec. 0.2s R fl 4.8s ec.	27	W 16 R 13	White octagonal cupola with red roof, on top of white square buildings. 30	HORN: 1 blast ev 10s (1s bl). HORN is activated by keying the mic 5 times on VHF-FM Channel 81A (157.075MHz). HORN will operate for 30 minutes.
16805	*West Point Lighted Buoy 1*	47-39-36.681N 122-26-28.311W	Fl G 4s		3	Green.	
16810	FOURMILE ROCK LIGHT 1	47-38-20.439N 122-24-48.561W	Fl G 6s	15	6	SG on skeleton tower.	
16815	- *Traffic Separation Lane Lighted Buoy SG*	47-39-41.091N 122-27-52.253W	Fl Y 2.5s		6	Yellow.	RACON: N (– •).
16820	Wing Point Reef Buoy 2	47-36-44.211N 122-29-08.453W				Red nun.	
16825	TYEE SHOAL LIGHT	47-36-34.622N 122-29-15.278W	Fl (2+1)R 6s	15	6	JR on dolphin.	
16830	BLAKELY ROCK LIGHT	47-35-39.972N 122-28-49.547W	Fl W 4s	16	5	NB on skeleton tower.	
	PUGET SOUND - Seattle to Bremerton (Chart 18449)						
	Puget Sound						
16835	*Decatur Reef Lighted Buoy 2*	47-34-56.131N 122-28-33.538W	Fl R 6s		4	Red.	
	Elliott Bay						
16837	- MARINA WEST ENTRANCE LIGHT 1	47-37-42.000N 122-23-48.000W	Fl G 10s				Private aid.
16837.1	- MARINA WEST ENTRANCE LIGHT 2	47-37-42.000N 122-23-48.000W	Fl R 10s				Private aid.
16838	- MARINA BREAKWATER LIGHT A	47-37-48.000N 122-23-48.000W	Fl Y 10s				Private aid.
16838.1	- MARINA BREAKWATER LIGHT B	47-37-42.000N 122-23-48.000W	Fl Y 10s				Private aid.
16838.2	- MARINA BREAKWATER LIGHT C	47-37-36.000N 122-23-18.000W	Fl Y 10s				Private aid.
16838.3	- MARINA BREAKWATER LIGHT D	47-37-42.000N 122-23-18.000W	Fl Y 10s				Private aid.
16839	- MARINA EAST ENTRANCE LIGHT 1	47-37-36.000N 122-23-12.000W	Fl G 10s				Private aid.
16839.1	- MARINA EAST ENTRANCE LIGHT 2	47-37-42.000N 122-23-18.000W	Fl R 10s				Private aid.
16840	*Smith Cove Lighted Buoy 1*	47-37-37.429N 122-23-06.556W	Fl G 4s			Green	Private aid.
16845	*Smith Cove Lighted Buoy 3*	47-37-42.488N 122-23-04.529W	Fl G 4s			Green	Private aid.

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	PUGET SOUND - Seattle to Bremerton (Chart 18449)						
	Elliott Bay						
16847	- Fish Haven Buoy A	47-37-30.000N 122-22-24.000W				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	47-37-30.000N 122-22-18.000W				White can with orange bands near top and waterline, orange diamond with center cross worded FISHING REEF.	Ra ref. Private aid.
16852	ELLIOT BAY FISH PEN LIGHTS (2)	47-37-18.000N 122-22-06.000W	Fl Y 6s				Private aid.
16855	COLMAN FERRY TERMINAL NORTH DOLPHIN LIGHTS (2)	47-36-09.709N 122-20-27.308W	Fl Y 10s			On floating dolphin.	HORN: 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	Fl Y 10s			On floating dolphin.	Private aid.
16860	EAST WATERWAY PIER LIGHT	47-35-28.000N 122-20-48.000W	Fl R 4s	12			Private aid.
16880	GEORGETOWN REACH RANGE FRONT LIGHT	47-32-33.000N 122-20-05.000W	Q R			KRB on pile.	Visible 4° each side of rangeline. Private aid.
16885	GEORGETOWN REACH RANGE REAR LIGHT 230 yards, 160° from front light.	47-32-25.000N 122-20-06.000W	Iso R 6s			KRB on pile.	Visible 4° each side of rangeline. Private aid.
16900	ALASKA HYDRO-TRAIN LIGHT A	47-35-00.000N 122-22-18.000W	Fl Y 4s	14		On dolphin.	Private aid.
16905	ALASKA HYDRO-TRAIN LIGHT B	47-35-06.000N 122-22-12.000W	Fl 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	**Duwamish Head Light**	47-35-55.854N 122-23-16.464W	Fl W 2.5s	25	10	NB on pile structure.	Obscured from 324° to 045°. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). HORN is activated by keying the mic 5 times on VHF-FM Channel 83A (157.175MHz). HORN will operate for 30 minutes.
	East Passage						
16915	**Alki Point Light**	47-34-34.582N 122-25-13.982W	Fl W 5s	39	15	White octagonal tower attached to building. 45	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON - Thirteenth District				
	PUGET SOUND - Seattle to Olympia (Chart 18448)						
	East Passage						
16920	*Puget Sound Traffic Separation Lane Lighted Buoy T*	47-34-33.352N 122-27-04.467W	Fl Y 2.5s		6	Yellow.	
	Blake Island						
16925	- LIGHT 1	47-32-39.000N 122-28-51.000W	Fl 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.
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	47-32-27.371N 122-28-51.288W	Fl W 4s	18	6	NB on skeleton tower.	
	East Passage						
16970	**Fauntleroy Cove Sound Signal**	47-31-24.000N 122-23-42.000W					SIREN: 1 blast ev 24s (4s bl). Private aid.
16974	*East Vashon Outfall Pipe Lighted Buoy*	47-27-11.256N 122-26-18.994W	Fl W 6s			Orange and white buoy.	Private aid.
16975	*Puget Sound Traffic Separation Lane Lighted Buoy TA*	47-26-52.355N 122-24-16.455W	Fl Y 2.5s		6	Yellow.	
16980	**Three Tree Point Light**	47-27-02.433N 122-22-57.283W	Fl W 2s	25	11	White skeleton tower. 30	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.
	Three Tree Point Yacht Club						
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.
	Des Moines Marina						
17044	- *Lighted Buoy 1*	47-24-05.000N 122-20-05.000W	Fl G 2.5s			Green.	Private aid.
17045	- LIGHT 3	47-24-07.000N 122-19-59.000W	Fl 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	Fl 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	Fl Y 6s			NY on breakwater.	Private aid.
	East Passage						
17070	**Robinson Point Light**	47-23-17.278N 122-22-27.814W	Fl (2)W 12s 3s fl 1s ec. 3s fl 5s ec.	40	13	White octagonal tower with red roof, attached to white square building. 40	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.

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			WASHINGTON - Thirteenth District				
	PUGET SOUND - Seattle to Olympia (Chart 18448)						
	East Passage						
17075	*Puget Sound Traffic Separation Lane Lighted Buoy TB*	47-23-06.357N 122-21-12.446W	Fl Y 2.5s		6	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.
17082	REDONDO FLOATING BREAKWATER LIGHTS (3)	47-20-30.000N 122-20-30.000W	Fl Y 4s			Floating Breakwater.	Private aid.
17085	*Puget Sound Traffic Separation Lane Lighted Buoy TC*	47-19-29.355N 122-27-23.451W	Fl Y 2.5s		6	Yellow.	
17090	**Browns Point Light**	47-18-21.277N 122-26-39.350W	Fl W 5s	38	12	White concrete house. 35	Light obscured from 217° to 002°.
17095	Quartermaster Harbor Shoal Buoy 2	47-20-56.254N 122-28-46.256W				Red nun.	
17097	*Quartermaster Harbor Research Light Buoy*	47-22-43.560N 122-27-54.780W	Fl Y 2s				Private aid.
	Colvos Passage						
17100	POINT VASHON LIGHT	47-30-49.266N 122-28-23.376W	Fl W 4s	17	7	NB on pile structure.	
17105	- LIGHT 3	47-27-42.000N 122-30-34.260W	Fl G 6s	15	4	SG on pile.	
17110	- LIGHT 4	47-25-48.240N 122-31-53.280W	Fl R 6s	15	4	TR on pile.	
17115	- LIGHT 5	47-23-49.140N 122-31-40.860W	Fl G 4s	17	4	SG on pile.	
17120	- LIGHT 6	47-22-36.828N 122-32-18.022W	Fl R 4s	15	4	TR on pile structure.	Light obscured from 022° to 153°.
17121	*Ruston Way Outfall Lighted Buoy*	47-17-14.000N 122-29-03.000W	Fl Y 4s			Yellow.	Private aid.
	Tacoma Harbor						
17125	THEA FOSS WATERWAY LIGHT	47-15-42.000N 122-26-11.280W	Fl W 6s	23	7	On pile.	
17126	- Regulatory Buoys (3)	47-15-49.319N 122-26-10.483W				White with orange bands.	Private aid.
17131	*Commencement Bay Shoal Lighted Buoy A*	47-16-22.111N 122-25-58.195W	Fl Y 4s		5	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	*Blair Waterway Lighted Buoy 2*	47-16-42.180N 122-24-58.200W	Fl R 4s			Red.	Private aid.
17158	*Tacoma Outfall Lighted Buoy*	47-16-42.000N 122-25-12.000W	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.
	Blair Waterway						
17166	- LIGHT 3	47-16-24.024N 122-24-14.064W	Q G	53	9	Skeleton tower.	Lighted throughout 24 hours.
17167	- LIGHT 4	47-16-20.520N 122-24-18.636W	Q R	53	9	Skeleton tower.	Lighted throughout 24 hours.
17168	- LIGHT 5	47-16-18.960N 122-24-04.860W	Oc G 4s	53	8	Skeleton tower.	Lighted throughout 24 hours.
17169	- LIGHT 6	47-16-14.892N 122-24-09.972W	Oc R 4s	53	8	Skeleton tower.	Lighted throughout 24 hours.
17172	- RANGE FRONT LIGHT	47-15-12.000N 122-22-24.000W	Q R	111		KRB on single steel pile.	Private aid.

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	WASHINGTON - Thirteenth District						
	PUGET SOUND - Seattle to Olympia (Chart 18448)						
	Tacoma Harbor						
	Blair Waterway						
17173	- RANGE REAR LIGHT 300 yards, 134° true from front light.	47-15-05.000N 122-22-12.000W	Iso R 6s	151		KRB on single steel pile.	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.
	Hylebos Waterway						
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	- *Lighted Buoy 1*	47-17-14.082N 122-24-45.573W	Fl G 4s		4	Green.	
17203	CHINOOK LANDING LIGHT A	47-16-53.400N 122-24-11.820W	Fl Y 4s			NY on pile.	Private aid.
17204	CHINOOK LANDING LIGHT B	47-16-47.040N 122-24-01.680W	Fl Y 4s			NY on pile.	Private aid.
17207	- *Lighted Buoy 2*	47-16-27.480N 122-22-57.720W	Fl R 4s			Red	Private aid.
17210	TYEE MARINA ENTRANCE LIGHT	47-17-39.900N 122-25-11.820W	Fl G 10s			On floating breakwater.	Private aid.
	Puget Sound						
17213	POINT DEFIANCE FERRY DOLPHIN LIGHT	47-18-24.000N 122-30-48.000W	Fl Y 10s			On dolphin.	Private aid.
17215	POINT DEFIANCE LIGHT	47-19-00.360N 122-32-53.220W	Fl W 6s	21	6	NG on pile structure.	
17221	GIG HARBOR LIGHT	47-19-42.000N 122-34-24.000W	Fl R 4s			Hexagonal concrete building.	Obscured from 162° to 273°. Private aid.
17225	POINT EVANS LIGHT 4	47-17-07.406N 122-32-51.450W	Fl R 4s	18	4	TR on pile.	
17245	Fox Island Rock Buoy 1	47-16-30.749N 122-38-41.568W				Green can.	
17247	ECHO BAY FISH PEN LIGHTS (2)	47-16-01.000N 122-38-45.000W	Fl Y 6s			Wood fish net pen.	Private aid.
17250	GIBSON POINT LIGHT 6	47-13-06.480N 122-36-06.300W	Fl R 4s	22	5	TR on dolphin.	Light visible from 222° to 055°.
17265	*Toliva Shoal Lighted Isolated Danger Bell Buoy DTS*	47-12-08.751N 122-36-25.260W	Fl (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.
17270	EAGLE ISLAND LIGHT 1	47-11-25.016N 122-41-56.116W	Fl G 4s	18	5	SG on skeleton tower.	
17280	DRAYTON PASSAGE LIGHT 2	47-10-41.024N 122-44-35.398W	Fl R 4s	20	4	TR on dolphin.	
	Carr Inlet						
17295	WYCKOFF SHOAL LIGHT 1	47-14-29.725N 122-42-52.528W	Fl G 2.5s	15	3	SG on pile.	
17296	WYCKOFF SHOAL LIGHT 3	47-14-20.009N 122-42-57.526W	Fl G 4s	15	3	SG on pile.	
17297	Pitt Passage North Shoal Daybeacon 4	47-13-28.680N 122-42-48.660W				TR on pile.	
17298	Pitt Passage Rocks Daybeacon	47-13-09.420N 122-43-00.360W				NB on pile.	
17299	PITT PASSAGE LIGHT 6	47-13-05.910N 122-43-03.720W	Fl R 2.5s	15	3	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	Fl Y 8s			On steel pile.	Private aid.
17335	- *Research Lighted Buoy*	47-16-48.600N 122-43-48.180W	Fl (5)Y 20s			Yellow.	Private aid.

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			WASHINGTON - Thirteenth District				
	PUGET SOUND - Seattle to Olympia (Chart 18448)						
	Puget Sound						
	Nisqually Reach						
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	*Oro Bay Lighted Buoy 2*	47-08-19.680N 122-41-52.440W	Fl R 4s			Red.	Private aid.
17347	*Oro Bay Lighted Buoy 3*	47-08-18.960N 122-42-04.680W	Fl G 4s			Green.	Private aid.
17348	*Oro Bay Lighted Buoy 4*	47-08-21.120N 122-42-03.240W	Fl R 4s			Red.	Private aid.
17350	NISQUALLY FLATS LIGHT 1	47-06-41.400N 122-41-52.800W	Fl G 2.5s	15	3	SG on pile.	
17355	LYLE POINT LIGHT 2	47-07-23.983N 122-42-00.000W	Fl R 4s	15	5	TR on dolphin.	
17360	NISQUALLY FLATS LIGHT 3	47-07-15.000N 122-45-00.000W	Fl G 4s	15	3	SG on pile.	
17365	DEVILS HEAD LIGHT 4	47-09-58.958N 122-45-53.175W	Fl R 6s	16	4	TR on dolphin.	
17370	JOHNSON POINT LIGHT 5	47-10-42.088N 122-48-51.559W	Fl G 6s	22	6	SG on pile.	
	Dana Passage						
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	47-10-23.100N 122-50-14.760W	Fl G 4s	20	5	SG on dolphin.	
17395	BRISCO POINT LIGHT 8	47-09-43.620N 122-52-49.260W	Fl R 4s	40	4	TR on 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	47-08-25.870N 122-54-26.170W	Fl W 4s	30	7	White pyramidal tower.	
	Olympia Harbor						
17405	OLYMPIA SHOAL LIGHT	47-05-31.404N 122-55-12.301W	Q W	25	6	NB on skeleton tower.	
17410	WEST OLYMPIA SHOAL LIGHT 1	47-05-30.396N 122-55-30.193W	Fl G 4s	21	4	SG on dolphin.	
17415	BUDD INLET LIGHT 2	47-05-31.710N 122-55-50.650W	Fl R 4s	15	4	TR on dolphin.	
17420	OLYMPIA ENTRANCE LIGHT 3	47-05-07.812N 122-55-33.098W	Fl G 2.5s	22	4	SG on white platform on dolphin.	
17425	*Olympia Entrance Lighted Buoy 2A*	47-05-07.006N 122-55-46.010W	Fl R 2.5s		3	Red.	
17430	- RANGE FRONT LIGHT	47-03-52.713N 122-54-25.381W	Q G	31		KRB on dolphin.	Visible 1.5° each side of rangeline.
17435	- RANGE REAR LIGHT 328 yards, 144.2° from front light.	47-03-44.831N 122-54-17.048W	Iso G 6s	48		KRB on skeleton tower.	Visible 1.5° each side of rangeline.
17440	OLYMPIA CHANNEL LIGHT 5	47-04-30.061N 122-54-56.957W	Fl G 4s	17	3	SG on pile structure.	
17445	*Olympia Channel Lighted Buoy 4*	47-04-24.146N 122-55-02.937W	Fl R 6s		3	Red.	
17450	*Olympia Channel Lighted Buoy 6*	47-03-59.191N 122-54-37.509W	Fl R 2.5s		3	Red.	
17455	EAST BAY JUNCTION LIGHT 40 feet outside channel limit.	47-03-57.002N 122-54-27.440W	Fl (2+1)G 6s	30	3	JG on pile.	
17460	EAST BAY LIGHT 1 40 feet outside channel limit.	47-03-44.006N 122-53-55.624W	Fl G 2.5s	28	3	SG on pile.	

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	PUGET SOUND - Seattle to Olympia (Chart 18448)						
	Olympia Harbor						
17465	EAST BAY LIGHT 2 40 feet outside channel limit.	47-03-42.559N 122-53-58.098W	Fl R 2.5s	28	3	TR on pile.	
17470	EAST BAY LIGHT 3 40 feet outside channel limit.	47-03-35.406N 122-53-47.586W	Fl G 4s	15	3	SG on pile.	
17475	EAST BAY LIGHT 4	47-03-32.149N 122-53-49.202W	Fl R 4s	9	3	TR on platform.	
17477	- EAST BAY LIGHT 5	47-03-20.160N 122-53-45.660W	Fl G 4s	20		SG on steel pile.	Private aid.
17478	- EAST BAY LIGHT 7	47-03-16.380N 122-53-44.460W	Fl G 2.5s	20		SG on steel pile.	Private aid.
17479	- EAST BAY LIGHT 9	47-03-12.600N 122-53-43.140W	Fl G 6s	20		SG on steel pile.	Private aid.
17480	OLYMPIA INNER RANGE FRONT LIGHT	47-04-04.023N 122-54-31.010W	Q W	23		KRB on dolphin.	Visible 14° each side of rangeline.
17485	OLYMPIA INNER RANGE REAR LIGHT 255 yards, 354.3° from front light.	47-04-11.537N 122-54-32.116W	Iso W 6s	37		KRB on skeleton tower on multipile structure.	Visible 14° each side of rangeline.
17490	*Olympia Channel Lighted Buoy 8*	47-03-51.216N 122-54-31.665W	Fl R 4s		3	Red.	
17495	Olympia Channel Buoy 10	47-03-34.856N 122-54-29.305W				Red nun.	
	Olympia Turning Basin						
17500	- Buoy 12	47-03-26.224N 122-54-31.464W				Red nun.	
17505	- Buoy 14	47-03-18.687N 122-54-33.235W				Red nun.	
17510	- Buoy 16	47-03-06.487N 122-54-31.165W				Red nun.	
17515	- Buoy 18	47-03-05.257N 122-54-26.684W				Red nun.	
	ADMIRALTY INLET AND PUGET SOUND TO SEATTLE (Chart 18441)						
	Admiralty Inlet						
17518	*Port Townsend Research Lighted Buoy P-2*	48-07-51.000N 122-44-54.000W	Fl Y 4s			Yellow	Private aid.
	PUGET SOUND - Northern Part (Chart 18441)						
	Port Townsend and Oak Bay						
17520 16490	*Point Hudson Spit Lighted Bell Buoy 2*	48-07-27.422N 122-44-39.803W	Fl R 4s		3	Red.	
17525 16495	POINT HUDSON LIGHT 4	48-07-02.007N 122-44-57.181W	Fl R 2.5s	35	5	TR on skeleton tower.	
17530	*Port Townsend Research Lighted Buoy P-1*	48-06-00.000N 122-43-47.000W	Fl Y 4s			Yellow.	Navy maintained. Private aid.
17535	POINT HUDSON MARINA LIGHT	48-06-54.000N 122-44-54.000W	F Y	24		On pile.	Private aid.
	Port Townsend						
17540	- FERRY TERMINAL LIGHT A	48-06-38.895N 122-45-30.036W	Fl Y 4s			On steel dolphin.	Private aid.
17541	- FERRY TERMINAL LIGHT B	48-06-38.124N 122-45-31.811W	Fl Y 4s			On steel dolphin.	Private aid.
17545	- BREAKWATER LIGHT 1	48-06-25.516N 122-46-15.780W	Fl G 4s	15	4	SG on tower.	
17550	- BREAKWATER LIGHT 2	48-06-26.808N 122-46-18.582W	Fl R 4s	15	3	TR on steel tower.	
17551	- *Outfall Lighted Buoy*	48-05-24.000N 122-47-36.000W	Fl 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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			WASHINGTON - Thirteenth District				
	PUGET SOUND - Northern Part (Chart 18441)						
	Port Townsend						
17562	ISLAND DOCK LIGHT A	48-05-36.000N 122-47-36.000W	F Y	25		On post on dock corner.	Private aid.
17563	ISLAND DOCK LIGHT B	48-05-36.000N 122-47-36.000W	F Y	25		On post on dock corner.	Private aid.
17564	- *Lighted Buoy 1*	48-04-59.159N 122-44-54.224W	Fl G 2.5s		3	Green.	
17564.5	INDIAN ISLAND FLOATING SECURITY BARRIER LIGHTS (60)	48-04-36.474N 122-44-48.687W	Fl Y 2s			Gray floating barrier.	Navy maintained. Floating steel barrier system marked by 60 lights. Private aid.
17565	KALA POINT LIGHT 2	48-03-27.720N 122-46-01.103W	Fl R 4s	25	4	TR on skeleton tower.	
17566	PORT HADLOCK MARINA LIGHT A	48-01-52.800N 122-44-45.600W	Fl Y 6s	8		On floating breakwater.	Private aid.
17567	PORT HADLOCK MARINA LIGHT B	48-01-52.800N 122-44-37.200W	Fl Y 6s	8		On floating breakwater.	Private aid.
17570	- Canal Daybeacon 3	48-02-03.804N 122-44-02.556W				SG on skeleton tower.	
17575	- CANAL LIGHT 4	48-01-58.380N 122-44-02.100W	Fl R 4s	15	4	TR on skeleton tower.	
17580	- Canal Daybeacon 7	48-01-25.788N 122-43-24.444W				SG on dolphin.	Ra ref.
17585	- CANAL LIGHT 6	48-01-26.118N 122-43-29.400W	Fl R 4s	13	3	TR on steel tower.	
17590	OAK BAY LIGHT 2	48-00-16.252N 122-41-33.055W	Fl R 2.5s	15	3	TR on pile structure.	
	Kilisut Harbor						
17595	- Buoy 2	48-04-49.214N 122-44-33.402W				Red nun.	
17600	- Buoy 3	48-04-56.485N 122-44-22.472W				Green can.	
17605	- Buoy 5	48-05-01.505N 122-44-08.921W				Green can.	
17610	- Daybeacon 6	48-05-13.500N 122-43-58.500W				TR on pile.	Ra ref.
17615	- Daybeacon 8	48-05-23.520N 122-43-52.800W				TR on pile.	Ra ref.
17620	- Daybeacon 9	48-05-32.940N 122-43-39.180W				SG on pile.	Ra ref.
17625	- Daybeacon 10	48-05-28.020N 122-43-16.680W				TR on pile.	Ra ref.
17630	- Daybeacon 12	48-05-23.760N 122-43-10.380W				TR on pile.	Ra ref.
17635	- Daybeacon 13	48-05-08.220N 122-43-13.740W				SG on pile.	Ra ref.
17640	- Daybeacon 15	48-04-45.240N 122-43-22.140W				SG on pile.	Ra ref.
17645	- Daybeacon 16	48-04-33.300N 122-43-10.860W				TR on pile.	Ra ref.
17650	- Daybeacon 17	48-04-34.320N 122-42-49.860W				SG on pile.	Ra ref.
	Mats Mats Bay						
17655	*Klas Rocks Isolated Danger Lighted Bell Buoy DK*	47-57-42.500N 122-40-12.500W	Fl (2)W 5s		5	Black and red bands with two black spherical topmarks.	
17665	- CHANNEL LIGHT 3	47-57-44.712N 122-40-54.006W	Fl G 4s	15	4	SG on pile.	
17670	- CHANNEL LIGHT 5	47-57-43.194N 122-41-04.638W	Q G	10	4	SG on steel tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
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	PUGET SOUND - Northern Part (Chart 18441)						
	Mats Mats Bay						
17675	- RANGE FRONT LIGHT	47-57-43.857N 122-41-07.903W	Q R	17		KRB on tower.	Visible all around.
17680	- RANGE REAR LIGHT 63 yards, 261.3° from front light.	47-57-43.537N 122-41-10.653W	Iso R 6s	28		KRB on skeleton tower.	Visible all around.
17690	- CHANNEL LIGHT 7	47-57-21.017N 122-41-09.642W	Fl G 4s	25	4	SG on skeleton tower.	
17695	- CHANNEL LIGHT 8	47-57-23.922N 122-41-12.265W	Fl R 4s	15	3	TR on pile.	
	Hood Canal						
17700 16515	COLVOS ROCKS LIGHT	47-57-07.408N 122-40-15.702W	Fl W 4s	34	6	NB on skeleton tower.	
17705	PORT LUDLOW LIGHT 2	47-56-42.829N 122-39-40.179W	Fl R 2.5s	15	3	TR on pile structure.	
17710	PORT LUDLOW LIGHT 4	47-55-16.059N 122-40-54.868W	Q R	15	3	TR on dolphin.	
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	8			Private aid.
17720	TALA POINT JUNCTION LIGHT	47-55-56.980N 122-39-27.482W	Fl (2+1)R 6s	15	5	JR on dolphin.	
17725	FOULWEATHER BLUFF LIGHT 1	47-55-55.448N 122-37-17.812W	Fl G 4s	21	5	SG on multi-pile structure.	Obscured from 202° to 328.5°. Ra ref.
17726.1	COON BAY ENTRANCE LIGHT 1	47-54-30.121N 122-35-29.869W	Fl 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	Fl 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	- *Research Lighted Buoy C*	47-54-26.400N 122-37-37.200W	Fl (5)Y 20s			Yellow research buoy.	Private aid.
17730	POINT HANNON LIGHT 2	47-53-17.334N 122-36-34.542W	Fl R 2.5s	15	4	TR on skeleton tower.	
17731	- *Mariculture Lighted Buoys (2)*	47-53-04.000N 122-36-45.000W	Fl Y 6s			Orange and white; spherical buoys.	Private aid.
17735	Port Gamble Range Front Daybeacon	47-52-46.200N 122-34-37.700W				KRB on skeleton tower.	
17740	Port Gamble Range Rear Daybeacon 300 yards, 001° from front daybeacon.	47-52-55.400N 122-34-37.500W		40		KRB on skeleton tower.	
17744	*Port Gamble Lighted Buoy 2*	47-51-49.000N 122-34-42.000W	Fl R 2.5s		3	Red.	
17745	PORT GAMBLE LIGHT 3	47-51-43.638N 122-34-36.538W	Fl G 4s	15	4	SG on dolphin.	
17747	*Port Gamble Lighted Buoy 4*	47-51-32.000N 122-34-42.000W	Fl R 4s		3	Red.	

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			WASHINGTON - Thirteenth District				
	PUGET SOUND - Northern Part (Chart 18441)						
	Hood Canal						
17750	PORT GAMBLE LIGHT 5	47-51-32.562N 122-34-36.482W	Fl G 6s	18	5	SG on dolphin.	
17770	SISTERS ROCK LIGHT 4	47-51-31.080N 122-38-30.180W	Fl R 4s	15	5	TR on wooden crib.	
17775	Case Shoal Daybeacon	47-51-29.940N 122-40-32.106W				NB on pile.	
17780	CASE SHOAL LIGHT 6	47-50-43.662N 122-40-16.902W	Fl R 2.5s	15	4	TR on pile.	Ra ref.
17785	- LIGHT 7	47-49-32.094N 122-38-58.146W	Fl G 2.5s	15	4	SG on pile.	Ra ref.
17800	- LIGHT 8	47-48-48.540N 122-42-51.540W	Fl R 4s	15	5	TR on dolphin.	
17805	- LIGHT 9	47-48-05.910N 122-40-55.762W	Fl G 4s	15	4	SG on pile structure.	
17808	*Bangor Explosive Anchorage Lighted Buoy A*	47-46-39.690N 122-42-51.540W	Fl Y 2.5s		3	Yellow.	
17810	*Bangor Explosive Anchorage Lighted Buoy B*	47-45-27.000N 122-43-51.000W	Fl Y 6s		5	Yellow.	
17815	BANGOR NORTH FLOATING SECURITY BARRIER LIGHTS (111)	47-45-02.600N 122-44-02.700W	Fl 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	Fl Y 2s			Gray floating barrier.	Navy maintained. Floating steel barrier system marked by 108 lights. Private aid.
17820	- LIGHT 10	47-45-02.406N 122-45-18.966W	Fl R 4s	16	5	TR on multi-pile structure.	
17835	*Bangor Explosive Anchorage Lighted Buoy C*	47-44-52.951N 122-44-19.995W	Fl Y 6s		5	Yellow.	
17837	*Bangor Explosive Anchorage Lighted Buoy D*	47-44-05.451N 122-44-54.400W	Fl Y 6s		3	Yellow	
17838	BANGOR CARDEROCK PIER LIGHTS (5)	47-43-40.123N 122-44-40.891W	Fl Y 4s			On pier.	Private aid.
17839	*Bangor Explosive Anchorage Lighted Buoy E*	47-43-37.064N 122-44-52.985W	Fl Y 2.5s		3	Yellow.	
17840	HAZEL POINT LIGHT	47-41-35.011N 122-46-14.780W	Fl W 4s	15	6	NB on pile.	Ra ref.
17845	- LIGHT 11	47-41-24.876N 122-44-50.406W	Fl G 4s	15	5	SG on dolphin.	Ra ref.
17850	OAK HEAD LIGHT 12	47-40-54.360N 122-48-40.980W	Fl R 4s	15	4	TR on pile.	Ra ref.
17855	- LIGHT 13	47-39-45.708N 122-47-14.304W	Fl G 2.5s	20	4	SG on pile.	Ra ref.
17860	- LIGHT 15	47-39-24.330N 122-49-40.890W	Q G	15	4	SG on dolphin.	Ra ref.
17865	TSKUTSKO POINT LIGHT	47-41-29.328N 122-49-59.106W	Fl W 4s	15	6	NB on pile.	Ra ref.
17870	DOSEWALLIPS FLATS LIGHT 17	47-41-25.692N 122-52-39.120W	Fl G 4s	15	5	SG on pile.	Ra ref.
	Dabob Bay						
17875	PULALI POINT LIGHT	47-44-15.588N 122-51-07.992W	Fl W 4s	35	6	NG on skeleton tower.	Ra ref.
17880	Seal Rock Daybeacon	47-42-53.191N 122-53-01.261W				NB on pipe.	

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			WASHINGTON - Thirteenth District				
	PUGET SOUND - Northern Part (Chart 18441)						
	Dabob Bay						
17890	NAVY WARNING LIGHTS (2)	47-45-41.000N 122-51-02.000W	Q Y			On building.	Fl 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	47-46-44.412N 122-51-11.070W	Fl R 4s	26	4	TR on pile.	Obscured from 170° to 260°. Ra ref.
17897	QUILCENE BAY FISH PEN LIGHT	47-47-19.000N 122-51-12.000W	Fl Y 6s	6		On steel fish pen.	Private aid.
17900	TABOOK POINT LIGHT 18	47-44-47.460N 122-48-38.010W	Fl R 6s	15	4	TR on pile.	Ra ref.
17900.5	Triton Cove Buoy 1	47-36-24.000N 122-58-55.000W				Green can.	Private aid.
	Hood Canal						
17901	- *Research Lighted Buoy D*	47-48-10.800N 122-48-14.400W	Fl (5)Y 20s			Yellow research buoy.	Private aid.
17902	- *Research Lighted Buoy A*	47-25-19.800N 123-06-45.000W	Fl (5)Y 20s				Private aid.
17904	- *Research Lighted Buoy B*	47-22-30.000N 123-00-30.000W	Fl (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.
	Port Madison and Port Orchard						
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	47-41-51.384N 122-32-08.364W				TR on pile.	
17930	AGATE PASSAGE LIGHT 2	47-43-18.973N 122-33-22.418W	Fl R 4s	20	5	TR on dolphin.	
17940	*Agate Passage Lighted Buoy 4*	47-42-31.745N 122-34-11.203W	Fl R 4s		3	Red.	
17945	AGATE PASS SALMON PEN LIGHT	47-42-12.420N 122-34-29.900W	Fl Y 6s			Marks floating salmon pen.	Private aid.
17950	POINT BOLIN REEF LIGHT 6	47-41-47.345N 122-34-33.183W	Fl R 2.5s	15	4	TR on dolphin.	Ra ref.
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	47-39-47.482N 122-35-36.985W	Fl W 4s	17	7	NB on pile structure.	
	Port of Poulsbo						
17970	LIBERTY BAY LIGHT 2	47-42-26.630N 122-37-37.581W	Fl R 4s		3	TR on pile.	
17975	LIBERTY BAY MARINA LIGHT A	47-43-21.097N 122-38-28.179W	F Y			On corner of marina.	Private aid.
17976	LIBERTY BAY MARINA LIGHT B	47-43-24.776N 122-38-32.704W	F Y			On corner of marina.	Private aid.
17977	*Liberty Bay Marina No Wake Lighted Buoy*	47-43-20.000N 122-38-47.000W	Fl W 4s			White can with orange bands and diamond worded NO WAKE.	Private aid.

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			WASHINGTON - Thirteenth District				
	PUGET SOUND - Northern Part (Chart 18441)						
	Port of Poulsbo						
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.
17983	*Liberty Bay Research Lighted Buoy*	47-43-46.970N 122-38-45.180W	Fl Y 4s			Yellow	Private aid.
17985	NORTH BREAKWATER LIGHT A	47-43-55.000N 122-38-58.000W	Fl R 4s			On piling.	Private aid.
17990	MIDDLE BREAKWATER LIGHT B	47-43-50.000N 122-38-51.000W	Fl Y 10s			On piling.	Private aid.
17995	SOUTH BREAKWATER LIGHT C	47-43-51.000N 122-38-46.000W	Fl Y 10s			On piling.	Private aid.
	Eagle Harbor						
18000	- LIGHT 1	47-36-58.800N 122-29-47.500W	Fl G 6s	30	4	SG on dolphin.	
18005	- LIGHT 3	47-37-08.849N 122-29-51.761W	Fl G 2.5s	15	4	SG on dolphin.	Ra ref.
18010	- LIGHT 4	47-37-19.133N 122-29-50.640W	Fl R 4s	15	4	TR on dolphin.	Higher intensity beam down channel. Ra ref.
18012	Wyckoff Regulatory Buoy A	47-37-24.185N 122-30-01.918W				White with orange markings.	Private aid.
18013	Wyckoff Regulatory Buoy B	47-37-25.103N 122-30-16.819W				White with orange markings.	Private aid.
18015	- *Sand Spit Lighted Buoy 5*	47-37-15.148N 122-30-14.043W	Fl G 4s		4	Green.	
18017	BAINBRIDGE ISLAND BOAT YARD LIGHTS (2)	47-37-04.000N 122-30-33.000W	Fl Y 4s	7		On pile.	Private aid.
18020	- MARINA LIGHTS (2)	47-37-02.000N 122-30-45.000W	F R	4		On pile	Private aid.
18021	- *Line Mooring System Lighted Buoys (5)*	47-37-11.000N 122-31-13.700W	Fl Y 2s			Mooring cable 200 feet in length.	Five lighted yellow spar buoys connected with cable 2 feet above water's surface. 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.
	Rich Passage						
18030	*Bainbridge Reef Lighted Buoy 4*	47-34-05.220N 122-31-08.287W	Fl R 4s		3	Red.	

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	PUGET SOUND - Northern Part (Chart 18441)						
	Rich Passage						
18035	ORCHARD POINT LIGHT	47-33-54.660N 122-31-55.680W	Fl W 6s	34	6	White pyramidal 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	*Orchard Rocks Lighted Buoy 6*	47-34-27.009N 122-32-01.740W	Fl R 2.5s		3	Red.	
18045	CLAM BAY FISH PEN LIGHTS (2)	47-34-18.000N 122-32-31.000W	Fl Y 6s	8		On pile.	Private aid.
18049	- FISH PEN LIGHTS (2)	47-34-36.000N 122-31-36.000W	Fl Y 6s			On aquaculture facility.	Private aid.
18050	ORCHARD ROCKS FISH PEN LIGHTS (3)	47-34-36.000N 122-31-48.000W	Fl Y 6s			On aquaculture facility.	Private aid.
18055	Orchard Rocks Daybeacon	47-34-39.069N 122-31-55.160W				NB on pile.	
18065	*- Lighted Buoy 8*	47-35-35.758N 122-32-33.254W	Fl R 2.5s		3	Red.	
18070	POINT GLOVER LIGHT 9	47-35-24.800N 122-33-01.900W	Q G	25	4	SG on platform.	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.
18075	POINT WHITE LIGHT 10	47-35-24.600N 122-34-02.532W	Fl R 4s	15	4	TR on dolphin.	Ra ref.
18080	WATERMAN POINT LIGHT 11	47-35-04.101N 122-34-13.257W	Oc G 4s	26	5	SG on skeleton tower.	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.
	Sinclair Inlet						
18085	POINT HERRON LIGHT 12	47-33-55.987N 122-36-49.381W	Fl R 6s	24	5	TR on pile structure.	
18086.1	BREMERTON MARINA NORTH ENTRANCE LIGHT 1	47-33-53.213N 122-37-13.836W	Fl G 2s			SG on floating breakwater.	Private aid.
18086.2	BREMERTON MARINA BREAKWATER LIGHT A	47-33-52.538N 122-37-12.655W	Fl Y 4s			NY on floating breakwater.	Private aid.
18086.3	BREMERTON MARINA BREAKWATER LIGHT B	47-33-48.979N 122-37-11.744W	Fl Y 4s			NY on floating breakwater.	Private aid.
18086.4	BREMERTON MARINA BREAKWATER LIGHT C	47-33-44.356N 122-37-14.668W	Fl Y 4s			NY on floating breakwater.	Private aid.
18086.5	BREMERTON MARINA SOUTH ENTRANCE LIGHT 2	47-33-42.121N 122-37-20.202W	Fl R 2s			TR on floating breakwater.	Private aid.
18086.6	BREMERTON MARINA FLOAT LIGHT D	47-33-40.620N 122-37-20.570W	Fl Y 4s			NY on dolphin.	Private aid.
18087	PORT ORCHARD MARINA EAST BREAKWATER LIGHT	47-32-41.700N 122-38-07.700W	Fl Y 4s	4		Floating breakwater.	Private aid.
18089	BREMERTON FLOATING SECURITY BARRIER LIGHTS (77)	47-33-07.200N 122-38-25.620W	Fl 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	Fl G 4s	10		On pile.	Private aid.
18095	PORT ORCHARD MARINA ENTRANCE LIGHT 2	47-32-39.000N 122-38-21.000W	Fl R 4s	5		On pedestal.	Private aid.
18096	PORT ORCHARD YACHT CLUB LIGHT A	47-32-25.395N 122-38-49.272W	Fl Y 10s	7		On breakwater.	Private aid.
18097	PORT ORCHARD YACHT CLUB LIGHT 2	47-32-25.885N 122-38-45.256W	Fl R 10s	7		On breakwater.	Private aid.

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	PUGET SOUND - Northern Part (Chart 18441)						
	Sinclair Inlet						
18098	PORT ORCHARD YACHT CLUB LIGHT 3	47-32-25.991N 122-38-44.482W	Fl G 10s	7		On breakwater.	Private aid.
18099	PORT ORCHARD YACHT CLUB LIGHT D	47-32-26.727N 122-38-43.384W	Fl Y 10s	7		On breakwater.	Private aid.
18105	BASS POINT LIGHT	47-35-41.000N 122-39-41.000W	F Y	5		On pile structure.	Private aid.
	LAKE WASHINGTON SHIP CANAL (Chart 18447)						
	Shilshole Bay						
18110 16785	- *Approach Lighted Buoy S*	47-40-55.351N 122-25-07.569W	Mo (A) W		3	Red and white stripes with red spherical topmark.	
18115	- ENTRANCE RANGE FRONT LIGHT	47-39-59.607N 122-24-10.903W	Q R	20		KRW on dolphin.	Visible 4° each side of rangeline.
18120	- ENTRANCE RANGE REAR LIGHT 246 yards, 146.3° from front light.	47-39-53.556N 122-24-04.913W	Iso R 6s	81		KRW on skeleton tower.	Visible 4° each side of rangeline.
18125	- Entrance Buoy 1	47-40-45.851N 122-24-53.569W				Green can.	
18130	- Entrance Buoy 2	47-40-39.351N 122-24-57.469W				Red nun.	
18135	- Buoy 4	47-40-34.351N 122-24-48.468W				Red nun.	
18140 16790	- BREAKWATER LIGHT 3	47-40-37.994N 122-24-43.299W	Fl G 2.5s	29	5	SG on jetty.	
18145	- Buoy 6	47-40-25.351N 122-24-38.468W				Red nun.	
18150	- Buoy 7	47-40-26.326N 122-24-35.243W				Green can.	
18155	- LIGHT 8	47-40-17.208N 122-24-31.235W	Fl R 4s	15	4	TR on dolphin.	
18160	- Buoy 10	47-40-05.352N 122-24-21.667W				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.
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.
	Hiram M. Chittenden Locks to Lake Washington						
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.
	Lake Union						
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*	47-38-36.653N 122-20-01.257W	Fl G 6s		3	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON - Thirteenth District				
	LAKE WASHINGTON SHIP CANAL (Chart 18447)						
	Lake Union						
18210	- Shoal Buoy 2	47-37-49.554N 122-20-13.657W				Red nun.	
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	- Channel Buoy 12	47-39-09.354N 122-19-22.950W				Red nun.	
	Union Bay Channel						
18245	- Buoy 15	47-38-50.854N 122-17-53.253W				Green can.	
18250	- Buoy 16	47-38-48.954N 122-17-53.253W				Red nun.	
18255	- Buoy 17	47-38-50.854N 122-17-25.352W				Green can.	
18260	- Buoy 18	47-38-48.554N 122-16-53.251W				Red nun.	
18265	- Buoy 19	47-38-50.854N 122-16-51.451W				Green can.	
	Lake Washington						
18270	WEBSTER POINT LIGHT 21	47-38-50.749N 122-16-33.618W	Fl G 4s	19	5	SG on white house on pile structure.	Light obscured from 121° to 199°.
18280	Juanita Bay Danger Shoal Daybeacon	47-41-49.284N 122-13-01.710W				NB on pile.	
18290	NOAA PIER CLEARANCE LIGHTS (2)	47-41-18.000N 122-15-30.000W	F R	20		On northwest and northeast corners of pier.	Aid maintained by National Oceanic and Atmospheric Administration. Private aid.
18293	Glacier Northwest Barge Mooring Buoy A	47-45-06.000N 122-15-54.000W				White with blue band.	Private aid.
18295	*Kenmore Channel Lighted Buoy 2*	47-45-08.198N 122-15-46.713W	Fl R 2.5s		3	Red.	
18300	*Kenmore Channel Lighted Buoy 4*	47-45-13.768N 122-15-40.463W	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	*Carillon Point Marina Lighted Regulatory Buoy*	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.
18350	*- Central Monitoring Lighted Buoy*	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.
18378	CICH'S PIER LIGHT	47-36-36.000N 122-12-36.000W	F Y	6		On dolphin.	Private aid.
18380	MEYDENBAUER BAY YACHT CLUB LIGHTS (6)	47-36-30.000N 122-12-30.000W	F R				Red light on left end and green light on right end of each pier, as seen from the bay. Private aid.
18385	SOUTH LESCHI BREAKWATER LIGHTS (6)	47-36-06.000N 122-16-54.000W	F R	10		On dolphins.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON - Thirteenth District				
	LAKE WASHINGTON SHIP CANAL (Chart 18447)						
	Lake Washington						
18387	NORTH LESCHI BREAKWATER LIGHTS (4)	47-36-18.000N 122-16-48.000W	F R	10		On dolphins.	Private aid.
18390	Andrews Bay Daybeacon	47-33-45.007N 122-15-53.903W				NB on pile.	
18395	Renton Regulatory Buoys (4)	47-32-14.500N 122-11-55.700W				White and orange can buoys.	Regulatory Private aid.
	PUGET SOUND - Seattle to Olympia (Chart 18448)						
	Puget Sound						
18400	HUNTER POINT LIGHT 1	47-10-25.758N 122-55-09.714W	Fl G 4s	14	4	SG on tower.	
18405	Squaxin Passage Reef Buoy 2	47-10-42.945N 122-55-20.514W				Red nun.	
	Squaxin Passage						
	Totten Inlet						
18410	- AQUACULTURE LIGHTS (2)	47-07-39.780N 123-01-00.960W	Fl Y 6s			On floating fish pen.	Private aid.
	Puget Sound						
18412	*Kamilche Sea Farms Lighted Buoy A*	47-07-29.000N 123-01-16.000W	Q Y			Yellow.	Private aid.
	Squaxin Passage						
	Totten Inlet						
18414	- MUSSEL RAFT LIGHTS (2)	47-08-48.000N 122-58-30.000W	Fl Y 4s			On floating raft.	Private aid.
	Puget Sound						
18415	Totten Inlet Daybeacon 1	47-11-13.824N 122-56-32.556W				SG on pile.	
	Hammersley Inlet						
18426	HUNGERFORD POINT LIGHT 2	47-12-17.344N 122-56-10.518W	Fl R 4s	17	3	TR on pile structure.	
18435	LIBBY POINT LIGHT 4	47-11-59.475N 122-59-22.608W	Fl R 4s	18	4	TR on dock.	
18440	CHURCH POINT LIGHT 6	47-12-27.600N 123-00-45.534W	Fl R 6s	20	4	TR on skeleton tower.	
18450	PEALE PASSAGE FISH PEN LIGHTS (2)	47-11-42.000N 122-54-12.000W	Fl Y 6s				Private aid.
18452	SQUAXIN ISLAND FISH PEN LIGHTS (2)	47-12-00.000N 122-54-12.000W	Fl Y 6s	4		Aquaculture facility.	Private aid.
	PUGET SOUND - Northern Part (Chart 18441)						
	Possession Sound						
18455 16560	*Possession Point Lighted Bell Buoy 1*	47-53-48.543N 122-23-07.396W	Fl G 4s		5	Green.	
18460	**Mukilteo Light**	47-56-55.484N 122-18-22.470W	Fl W 5s	33	14	White octagonal tower with red roof, attached to white square building. 33	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 DOLPHIN LIGHT	47-57-00.000N 122-18-06.000W	Fl Y 6s	16		On floating dolphin.	Private aid.
18466	EVERETT RAIL DOCK LIGHT A	47-57-15.606N 122-17-18.996W	Fl Y 6s	20		Cement dock.	Private aid.
18467	EVERETT RAIL DOCK LIGHT B	47-57-15.591N 122-17-17.577W	Fl Y 6s	20		Cement dock.	Private aid.
18468	Clinton Shoal Buoy	47-58-36.000N 122-20-54.000W				White and orange bands, spherical.	Private aid.
18480	GEDNEY ISLAND LIGHT 1	48-00-15.503N 122-17-49.518W	Fl G 2.5s	15	3	SG on pile.	
18489	HAT ISLAND MARINA BREAKWATER LIGHT 1	48-01-12.000N 122-19-17.000W	F G	8		On pile structure.	Private aid.
18490	HAT ISLAND MARINA BREAKWATER LIGHT 2	48-01-16.000N 122-19-18.000W	F R	8		On pile structure.	Private aid.

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			WASHINGTON - Thirteenth District				
	PUGET SOUND - Northern Part (Chart 18441)						
	Port Gardner						
18495	STEAMBOAT FLATS LIGHT	48-00-56.278N 122-16-14.357W	Fl W 2.5s	15	3	NB on pile structure.	Ra ref.
18500	- LIGHT 1	47-59-29.940N 122-14-54.720W	Fl G 4s	15	3		
18505	- *Anchorage Obstruction Lighted Buoy AO*	47-58-56.799N 122-14-47.356W	Fl Y 4s		3	Yellow.	
18506	EVERETT FLOATING SECURITY BARRIER LIGHTS (32)	47-58-53.421N 122-14-01.201W	Fl Y 2s			Gray floating barrier.	Navy maintained. Floating steel barrier system marked by 32 lights. Private aid.
	EVERETT HARBOR (Chart 18444)						
	Snohomish River						
18520	- *Lighted Buoy 3*	47-58-56.950N 122-14-03.141W	Fl G 2.5s		3	Green.	
18535	- LIGHT 5	47-59-16.670N 122-13-47.573W	Fl G 4s	16	5	SG on multi-pile.	
18540	NAVSTA PIER LIGHT A	47-59-29.000N 122-13-27.000W	F R			On southwest corner of pier.	Navy maintained. Private aid.
18541	NAVSTA PIER LIGHT B	47-59-41.000N 122-13-25.000W	F R			On northwest corner of pier.	Navy maintained. Private aid.
18545	ANTHONY'S LIGHTHOUSE	47-59-42.000N 122-13-24.000W	Fl W 2.5s			Red and white wooden building.	Private aid.
18547	PORT OF EVERETT JETTY ISLAND LIGHT A	48-00-14.242N 122-13-34.995W	Fl Y 4s	20		On pile.	Private aid.
18548	PORT OF EVERETT JETTY ISLAND LIGHT B	48-00-13.142N 122-13-35.494W	Fl Y 4s	4		On float.	Private aid.
18549	PORT OF EVERETT JETTY ISLAND LIGHT C	48-00-11.442N 122-13-35.494W	Fl Y 4s	4		On float.	Private aid.
18550	- RANGE FRONT LIGHT	48-00-54.987N 122-13-27.807W	Q G	17		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
18555	- RANGE REAR LIGHT 339 yards, 002.7° from front light.	48-01-05.015N 122-13-27.107W	Iso G 6s	50		KRB on skeleton tower. On same structure as Snohomish River Range C Rear Daybeacon.	Visible 14° each side of rangeline.
18560	- Range A Front Daybeacon	48-00-35.485N 122-13-37.357W				KRB on skeleton tower.	
18565	- Range A Rear Daybeacon 79 yards, 213.6° from front daybeacon.	48-00-33.536N 122-13-39.290W				KRB on skeleton tower.	
18570	- Range B Front Daybeacon	48-00-53.067N 122-13-29.049W				KRB on skeleton tower.	
18575	- Range B Rear Daybeacon 229 yards, 236° from front daybeacon.	48-00-49.273N 122-13-37.450W				KRB on skeleton tower.	
18580	- Range C Front Daybeacon	48-01-07.038N 122-13-15.729W				KRB on skeleton tower.	
18585	- Range C Rear Daybeacon 266 yards, 255.1° from front daybeacon.	48-01-05.014N 122-13-27.106W				KRB on skeleton tower. On same structure as Snohomish River Range Rear Light.	
18586	- Daybeacon 7	48-01-10.500N 122-12-55.200W				SG on pile.	
18590	- LIGHT 8	48-01-06.976N 122-12-48.228W	Fl R 4s	15	4	TR on pile.	
	Saratoga Passage						
18595	TULALIP BAY LIGHT 2	48-03-15.963N 122-17-39.256W	Fl R 4s	15	3	TR on pile.	
18598	TULALIP TRIBES BREAKWATER LIGHT A	48-03-42.000N 122-16-48.000W	Fl Y 2s	13		On breakwater.	Private aid.
18600	*Port Susan Research Lighted Buoy*	48-10-32.544N 122-25-12.210W	Fl Y 4s			Yellow.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON - Thirteenth District				
	EVERETT HARBOR (Chart 18444)						
	Saratoga Passage						
18605	CAMANO HEAD LIGHT 1 Marks submerged rocks.	48-03-08.574N 122-21-28.083W	Fl G 6s	15	3	SG on pile.	
18610	SANDY POINT LIGHT 1	48-02-03.390N 122-22-34.509W	Fl G 4s	24	4	SG on cassion.	
	Langley Breakwater						
18611	- LIGHT A	48-02-20.000N 122-24-08.000W	F Y	20		On pile breakwater.	Private aid.
18612	- LIGHT B	48-02-20.500N 122-24-06.000W	F Y	20		On pile breakwater.	Private aid.
18613	- LIGHT C	48-02-19.000N 122-24-04.000W	F Y	20		On pile breakwater.	Private aid.
18614	- LIGHT D	48-02-18.000N 122-24-05.000W	F R	20		On pile breakwater.	Private aid.
18615	Holmes Harbor Buoy 1	48-06-12.183N 122-31-56.377W				Green can.	
	Saratoga Passage						
18620	EAST POINT LIGHT 3	48-05-49.083N 122-29-29.398W	Fl G 6s	21	6	SG on steel tower.	
18625	- LIGHT 4	48-07-57.546N 122-30-39.758W	Fl R 4s	15	5	TR on tower.	
18630	ONAMAC POINT LIGHT 6	48-11-01.451N 122-32-12.373W	Fl R 6s	15	5	TR on platform.	
18633	Snatelum Point Buoy 1 Marks shoal off point.	48-13-44.699N 122-37-17.488W				Green can.	
18645	PENN COVE MUSSEL RAFT LIGHTS (8)	48-13-00.000N 122-42-06.000W	Fl Y 6s			On aquaculture facility.	Private aid.
18670	ROLLING HILLS PIER LIGHT	48-14-12.000N 122-42-30.000W	Q Y			On end of pier.	Private aid.
	Oak Harbor						
18675	- *Lighted Buoy 2*	48-15-26.000N 122-37-42.000W	Fl R 4s		3	Red.	
18680	- LIGHT 4	48-16-02.876N 122-38-22.800W	Fl R 2.5s	15	4	TR on pile.	
18690	- *Shoal Lighted Buoy 5*	48-16-04.853N 122-38-38.190W	Fl G 4s		3	Green.	Marks shoal.
18695	- Buoy 7	48-16-18.535N 122-38-51.220W				Green can.	
18700	- *Lighted Buoy 8*	48-16-23.930N 122-38-45.678W	Fl R 6s		3	Red.	
18705	- LIGHT 10	48-16-38.523N 122-38-50.145W	Fl R 4s	15	4	TR on pile.	
18710	- LIGHT 11	48-16-39.526N 122-39-08.221W	Fl G 6s	15	4	SG on pile.	
18715	- LIGHT 12	48-16-53.190N 122-38-44.250W	Fl R 2.5s	15	3	TR on pile.	
18724	- MARINA NORTH ENTRANCE LIGHT 1	48-17-09.214N 122-38-13.146W	Fl G 6s			On pile.	Private aid.
	Oak Harbor Marina						
18725	- NORTH ENTRANCE LIGHT 2	48-17-08.815N 122-38-11.406W	Fl R 6s			On breakwater.	Private aid.
18727	- North Entrance Daybeacon 3	48-17-12.400N 122-38-12.852W				SG on dolphin.	Private aid.
18730	- BREAKWATER LIGHT	48-17-06.730N 122-38-11.346W	Fl Y 6s			On breakwater.	Private aid.
18735	- SOUTH ENTRANCE LIGHT 1	48-17-02.308N 122-38-09.606W	Fl G 6s			On breakwater.	Private aid.
18736	- SOUTH ENTRANCE LIGHT 2	48-17-00.540N 122-38-08.740W	Fl R 6s			On breakwater.	Private aid.
	Oak Harbor						
18750	CRESCENT HARBOR NAVY PIER LIGHT	48-17-05.500N 122-37-05.250W	Fl Y 6s			On end of pier.	Navy maintained. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON - Thirteenth District				
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)						
	Skagit Bay						
18755	- Buoy 2	48-16-17.360N 122-30-16.582W				Red nun.	
18756	MARINERS COVE ENTRANCE LIGHT 1	48-17-15.980N 122-31-10.480W	Fl G 4s			SG on steel pile.	Private aid.
18757	MARINERS COVE ENTRANCE LIGHT 2	48-17-16.690N 122-31-09.100W	Fl R 4s			TR on steel pile.	Private aid.
18758	MARINERS COVE WARNING LIGHT A	48-17-16.870N 122-31-10.630W	Fl 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	Fl W 6s			NW on steel pile.	Marks submerged coffer dam. Private aid.
18760	STRAWBERRY POINT LIGHT 3	48-18-00.902N 122-30-12.153W	Fl G 4s	17	5	SG on dolphin.	
18765	- *Lighted Buoy 4*	48-18-07.552N 122-29-06.324W	Fl R 4s		3	Red.	
18770	- Buoy 6	48-19-30.130N 122-30-40.898W				Red nun.	
18771	- Buoy 8	48-19-55.503N 122-31-23.320W				Red nun.	
18775	- *Lighted Buoy 10*	48-20-24.033N 122-32-04.514W	Fl R 4s		4	Red.	
18780	- Buoy 12	48-21-04.015N 122-32-57.119W				Red nun.	
	Swinomish Channel South Entrance						
18785	- Buoy 1	48-21-42.235N 122-33-21.072W				Green can.	
18790	- *Lighted Buoy 2*	48-21-37.282N 122-33-14.946W	Fl R 2.5s		3	Red.	
18795	- Buoy 4	48-21-42.489N 122-33-06.030W				Red nun.	
18800	- Buoy 5	48-21-46.910N 122-33-03.594W				Green can.	
18803	- Buoy 6	48-21-46.860N 122-32-48.600W				Red nun.	
18805	- Buoy 8	48-21-50.580N 122-32-30.780W				Red nun.	
18810	- Buoy 12	48-21-52.948N 122-32-19.462W				Red nun.	
18815	- LIGHT 11	48-21-55.448N 122-32-21.875W	Fl G 4s	10	4	SG on white platform on dolphin.	Obscured from 072° to 255°.
18817	- Daybeacon 14	48-22-04.783N 122-31-17.844W				TR on dolphin.	
18820	- RANGE FRONT LIGHT	48-21-32.126N 122-34-03.430W	Q W	16		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
18825	- RANGE REAR LIGHT 1,079 yards, 252° from front light.	48-21-22.264N 122-34-49.173W	Iso W 6s	50		KRW on skeleton tower.	Visible 14° each side of rangeline.
18826	- Daybeacon 13	48-22-02.000N 122-31-51.000W				SG on pile.	
18828	- Buoy 15	48-22-08.237N 122-31-20.852W				Green can.	
18829	- Daybeacon 16	48-22-13.086N 122-30-37.938W				TR on pile.	
18830	- LIGHT 17	48-22-17.229N 122-30-38.491W	Q G	15	3	SG on house on concrete crib.	
18835	- LIGHT 18	48-22-29.040N 122-30-33.540W	Q R	15	3	TR on platform.	
18840	- LIGHT 20	48-22-59.370N 122-30-22.591W	Fl R 4s	15	3	TR on dolphin.	
18842	LA CONNER MARINA SOUTH BASIN LIGHT	48-23-46.000N 122-29-47.000W	F R	11		On pile structure.	Private aid.

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			WASHINGTON - Thirteenth District				
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)						
	Swinomish Channel South Entrance						
18845	LA CONNER MARINA NORTH BASIN LIGHT	48-24-02.000N 122-29-42.000W	F R	8		On pile structure.	Private aid.
18860	- Buoy 22	48-25-11.504N 122-30-01.544W				Red nun.	
18865	- Buoy 23 Marks rocks.	48-25-15.275N 122-30-04.722W				Green can.	
18870	- LIGHT 25	48-25-26.232N 122-30-08.011W	Fl G 4s	27	4	SG on dolphin.	
18875	- Buoy 26	48-25-30.715N 122-30-02.915W				Red nun.	
	Skagit Bay						
18880	SEAL ROCKS LIGHT 14	48-22-25.626N 122-33-47.650W	Fl R 4s	20	4	TR on tower.	
18885	HOPE ISLAND LIGHT 16	48-23-45.316N 122-34-43.023W	Fl R 2.5s	23	4	TR on skeleton tower.	
18888	HOPE ISLAND FISH PEN LIGHTS (2)	48-24-16.000N 122-33-22.000W	Fl Y 6s			On aquaculture facility.	Private aid.
	Deception Pass						
18890	BEN URE ISLAND LIGHT 2	48-24-16.440N 122-37-42.600W	Fl R 4s	15	4	TR on tower.	
18895	- LIGHT 1	48-24-28.998N 122-39-23.610W	Fl G 4s	50	6	SG on white cylindrical house on skeleton tower.	
	Cornet Bay						
18900	- LIGHT 1	48-24-02.000N 122-37-35.000W	Fl G 4s			SG on pile.	Private aid.
18905	- LIGHT 2	48-24-02.000N 122-37-38.000W	Fl R 4s			TR on pile.	Private aid.
18915	- Daybeacon 3	48-24-00.000N 122-37-36.000W				SG on pile.	Private aid.
18920	- Daybeacon 4	48-24-01.000N 122-37-38.000W				TR on pile.	Private aid.
18925	- Daybeacon 5	48-24-00.000N 122-37-38.000W				SG on pile.	Private aid.
18930	- Daybeacon 6	48-23-59.000N 122-37-38.000W				TR on pile.	Private aid.
18935	- Daybeacon 7	48-23-57.000N 122-37-38.000W				SG on pile.	Private aid.
18940	- Daybeacon 8	48-23-57.000N 122-37-39.000W				TR on pile.	Private aid.
	Guemes Channel						
18945	- *Lighted Buoy 2*	48-30-39.872N 122-41-54.631W	Fl R 2.5s		3	Red.	Ra ref.
18948	ANACORTES FERRY BREAKWATER LIGHT	48-31-12.000N 122-37-24.000W	Fl R 4s	14		On breakwater.	Private aid.
18955	ANACORTES FERRY TERMINAL LIGHTS (2)	48-30-30.000N 122-40-30.000W	Fl Y 10s	12		On dolphin.	Private aid.
18960	SHANNON POINT LIGHT	48-30-34.972N 122-41-01.688W	Fl W 4s	15	6	NB on dolphin.	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	- *Lighted Buoy 3*	48-31-18.374N 122-39-22.626W	Fl G 2.5s		3	Green.	
18970	- *Lighted Buoy 4*	48-31-09.904N 122-39-11.325W	Fl R 4s		3	Red.	
18975	- *Lighted Buoy 5*	48-31-24.365N 122-38-27.493W	Fl 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
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	Guemes Channel						
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.
	Cap Sante Waterway						
18990	- Daybeacon 1 15 feet outside channel limit.	48-30-40.860N 122-35-55.740W				SG on pile.	Ra ref.
18995	- LIGHT 2 15 feet outside channel limit.	48-30-42.898N 122-35-55.508W	Fl R 2.5s	15	3	TR on pile.	
19000	- Daybeacon 3 15 feet outside channel limit.	48-30-41.025N 122-36-05.055W				SG on pile.	
19005	- Daybeacon 4	48-30-42.490N 122-36-09.747W				TR on pile.	
19010	- LIGHT 5	48-30-41.778N 122-36-16.039W	Fl G 4s	15	4	SG on dolphin.	
19015	- LIGHT 6	48-30-42.108N 122-36-18.664W	Fl R 4s	15	3	TR on dolphin.	
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	Fl W 4s			NW on piling.	Private aid.
	Padilla Bay						
19017	VENDOVI ISLAND LIGHT 2	48-36-31.381N 122-35-53.622W	Fl R 6s	13	4	TR on platform.	Ra ref.
19018	WILLIAM POINT LIGHT 3	48-34-58.451N 122-33-37.784W	Fl G 6s	30	5	SG on tower.	
19020	- *Lighted Bell Buoy 4*	48-34-44.036N 122-35-46.772W	Fl R 4s		3	Red.	
19023	- *Research Lighted Buoy*	48-33-28.060N 122-34-24.380W	Fl Y 4s			Yellow	Private aid.
19025	- *Lighted Gong Buoy 5*	48-33-31.560N 122-34-28.246W	Fl G 4s		4	Green.	
19030	HUCKLEBERRY ISLAND LIGHT 6	48-32-10.279N 122-34-01.413W	Fl R 2.5s	73	4	TR on platform.	Ra ref.
19035	SADDLEBAG ISLAND LIGHT 7	48-32-06.882N 122-33-32.111W	Fl G 2.5s	26	4	SG on platform.	Ra ref.
	Anacortes Harbor						
19040	Fidalgo Bay Shoal Buoy 2	48-30-36.230N 122-35-07.186W				Red nun.	
19045	- *Junction Lighted Buoy A*	48-30-41.377N 122-35-37.616W	Fl (2+1)R 6s		4	Red and green bands.	
19050	Anacortes Channel Buoy 3	48-30-31.577N 122-35-40.616W				Green can.	
19055	ANACORTES CHANNEL LIGHT 4	48-30-16.385N 122-35-55.947W	Fl R 4s	15	3	TR on pile.	
19060	ANACORTES CHANNEL LIGHT 6	48-30-08.640N 122-36-01.380W	Fl R 6s	11		TR on multi-pile structure.	Private aid.
19061	FIDALGO MARINA LIGHT 1	48-29-55.000N 122-35-59.000W	F G	6		On breakwater.	Private aid.
19062	FIDALGO MARINA LIGHT 2	48-29-55.000N 122-36-01.000W	F R	6		On breakwater.	Private aid.
19063	FIDALGO MARINA LIGHTS (2)	48-29-51.000N 122-35-57.000W	F Y	6		On breakwater.	Private aid.

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	Anacortes Harbor						
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 platfrom.	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.
	Swinomish Channel North Entrance						
19075	- LIGHT 2	48-30-31.751N 122-33-17.514W	Fl R 4s	17	4	TR on multi-pile structure.	
19077	- Buoy 3	48-30-34.876N 122-33-06.996W				Green can.	
19080	- Buoy 4	48-30-20.926N 122-33-09.509W				Red nun.	
19085	- LIGHT 6	48-29-56.934N 122-32-52.991W	Fl R 6s	15	4	TR on dolphin.	
19090	- Buoy 7	48-29-58.824N 122-32-47.127W				Green can.	
19093	- Buoy 9	48-29-38.110N 122-32-31.197W				Green can.	
19095	- Buoy 8	48-29-36.539N 122-32-38.267W				Red nun.	
19100	- Buoy 12	48-29-05.829N 122-32-13.850W				Red nun.	
19105	- LIGHT 13	48-29-08.237N 122-32-07.395W	Fl G 4s	15	3	SG on pile.	
19115	- Buoy 19	48-28-41.608N 122-31-47.201W				Green can.	
19120	- LIGHT 18	48-28-38.473N 122-31-51.222W	Fl R 4s	18	4	TR on dolphin.	Ra ref.
19130	- Buoy 22	48-28-20.907N 122-31-35.262W				Red nun.	
19135	- Buoy 23	48-28-22.417N 122-31-32.214W				Green can.	
19136	- LIGHT 26	48-28-01.185N 122-31-21.139W	Fl R 4s	17	4	TR on pile.	
19138	- Buoy 27	48-28-03.066N 122-31-17.385W				Green can.	
19140	- Buoy 28	48-27-49.763N 122-31-11.498W				Red nun.	
19150	- LIGHT 29	48-27-51.293N 122-31-07.089W	Fl G 6s	15	3	SG on pile.	
19155	- Buoy 30	48-27-41.917N 122-31-03.471W				Red nun.	
	Bellingham Channel						
19165	Yellow Bluff Reef Obstruction Daybeacon	48-31-55.987N 122-39-24.270W				NB on pile.	Ra ref.
19170	- *Lighted Bell Buoy 4*	48-32-11.375N 122-40-09.629W	Fl R 4s		4	Red.	
19171	DEEPWATER BAY SOUTH FISH PEN LIGHTS (2)	48-33-25.000N 122-41-24.000W	Fl Y 6s			On steel salmon pen.	Private aid.
19172	SECRET HARBOR FISH PEN LIGHTS (2)	48-33-16.000N 122-41-06.000W	Fl Y 6s			On steel salmon pen.	Private aid.
19173	DEEPWATER BAY NORTH FISH PEN LIGHTS (2)	48-33-36.000N 122-40-52.000W	Fl Y 6s			On steel salmon pen.	Private aid.
19175	- LIGHT 5	48-33-58.336N 122-40-05.701W	Fl G 4s	15	5	SG on skeleton tower.	Higher intensity beam up and down channel.
19180	- *Lighted Buoy 6*	48-35-27.378N 122-39-06.831W	Fl R 4s		3	Red.	
19185	- LIGHT 7	48-36-34.938N 122-39-25.982W	Fl G 4s	32	4	SG on tower.	

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	Bellingham Channel						
19190	- Buoy 8	48-36-16.207N 122-37-48.391W				Red nun.	
19195	VENDOVI COVE LIGHT	48-36-53.000N 122-36-40.000W	Fl Y 4s	15		Steel tower.	Private aid.
19200	VITI ROCKS LIGHT	48-37-59.640N 122-37-21.671W	Fl W 2.5s	45	5	NW on steel tower worded DANGER ROCK.	
19205	*Viti Rocks Lighted Bell Buoy 9*	48-37-48.089N 122-37-08.150W	Q G		3	Green.	
19215	ELIZA ROCKS JUNCTION LIGHT	48-38-37.100N 122-34-41.613W	Fl (2+1)G 6s	21	4	JG on house.	Higher intensity beam on 050°, 203°, and 350°.
	Bellingham Bay						
19220	*Post Point Lighted Buoy 2*	48-42-48.696N 122-31-45.399W	Fl R 4s		4	Red.	
19223	FERRY PIER LIGHT	48-43-22.000N 122-30-49.000W	F R	20		On dolphin.	Private aid.
19224	TAYLOR PARK DINGY DOCK LIGHT A	48-43-31.440N 122-30-27.600W	Fl Y 4s	7		On steel piling.	Private aid.
19225	Starr Rock Buoy 4 35 yards west of rock.	48-44-04.528N 122-30-15.112W				Red nun.	
19230	*Georgia Pacific Outfall Lighted Buoy*	48-44-03.100N 122-31-07.700W	Fl Y 10s			Yellow.	Private aid.
19240	WHATCOM WATERWAY RANGE FRONT LIGHT	48-45-10.200N 122-29-02.760W	Q G	41		KRW on platform on building.	Visible 1.5° each side of rangeline.
19245	WHATCOM WATERWAY RANGE REAR LIGHT 393 yards, 045.2° from front light.	48-45-15.060N 122-28-55.560W	Iso G 6s	70		KRW on skeleton tower.	Visible 1.5° each side of rangeline.
19250	I & J STREET WATERWAY LIGHT 1	48-44-57.540N 122-30-07.860W	Fl G 2.5s	15	5	SG on pile.	
19256	I & J Street Waterway Buoy 2	48-45-02.123N 122-29-57.011W				Red nun.	
19260	I & J STREET WATERWAY LIGHT 3	48-45-10.200N 122-29-51.000W	Fl G 4s	16	4	SG on riprap.	
19262	I & J Street Waterway Buoy 4	48-45-09.175N 122-29-47.072W				Red nun.	
19265	BELLINGHAM BREAKWATER ENTRANCE LIGHT 2	48-45-11.694N 122-30-26.419W	Fl R 2.5s	24	5	TR on tower.	
19270	BELLINGHAM BREAKWATER ENTRANCE LIGHT 1	48-45-13.680N 122-30-25.920W	Fl G 4s	17	5	SG on pile.	
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	*Squalicum Creek Entrance Lighted Buoy 1*	48-45-18.099N 122-30-58.992W	Fl G 4s		4	Green.	
19275	Squalicum Creek Entrance Buoy 2	48-45-23.836N 122-30-47.129W				Red nun.	
19280	BELLINGHAM BREAKWATER NORTH ENTRANCE LIGHT 4	48-45-26.460N 122-30-41.100W	Fl R 6s	17	5	TR on pile.	
19281	SQUALICUM CREEK WATERWAY RANGE FRONT LIGHT	48-45-36.000N 122-30-36.000W	Q G	28		KRB on skeleton tower.	Private aid.
19282	SQUALICUM CREEK WATERWAY RANGE REAR LIGHT 170 yards, 037° from front light.	48-45-36.000N 122-30-36.000W	Iso G 6s	37		KRB on skeleton tower.	Private aid.
19285	- *Rocks Junction Lighted Buoy* Marks south edge of rocks.	48-40-25.154N 122-35-27.626W	Fl (2+1)R 6s		3	Red and green bands.	

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	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)						
	Hale Passage						
19290	Inati Bay Reef Buoy	48-40-27.939N 122-37-13.101W				White with orange bands worded DANGER ROCK.	
19295	LUMMI ISLAND LIGHT 3	48-41-28.464N 122-38-38.454W	Fl G 4s	16	5	SG on tower.	
19300	LUMMI ISLAND FERRY LANDING LIGHT	48-43-12.000N 122-40-42.000W	Fl R 4s	12			Private aid.
19305	Point Francis Shoal Buoy 4	48-41-40.824N 122-38-16.086W				Red nun.	
19310	*Lummi Point Lighted Buoy 5*	48-44-04.925N 122-41-10.549W	Fl G 4s		3	Green.	
19315	*Point Migley Lighted Buoy*	48-45-15.485N 122-43-27.587W	Fl (2+1)R 6s		3	Red and green bands.	
	Rosario Strait						
19320	*Lawson Reef Junction Lighted Bell Buoy*	48-24-03.316N 122-42-57.727W	Fl (2+1)R 6s		5	Red and green bands.	
19325	DAVIDSON ROCK LIGHT 1	48-24-47.707N 122-48-43.172W	Fl G 4s	28	5	SG on platform.	Higher intensity beam toward Burrows Island Light.
19330	*Lawson Reef Lighted Bell Buoy 2*	48-24-41.034N 122-46-23.734W	Fl R 2.5s		4	Red.	
19335	*Williamson Rocks Lighted Buoy 4*	48-26-50.263N 122-42-24.903W	Fl R 4s		4	Red.	
19340	Kellett Ledge Buoy 3	48-27-01.564N 122-47-30.936W				Green can.	
19345	Dennis Shoal Buoy 6	48-27-27.479N 122-42-57.677W				Red nun.	
19350	BURROWS ISLAND LIGHT	48-28-40.584N 122-42-48.764W	Fl W 6s	57	9	White square tower 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.	48-27-23.120N 122-39-56.083W				White can with orange bands; worded DANGER ROCKS.	
19360	SKYLINE MARINA LIGHT 1	48-29-21.030N 122-40-38.290W	Fl G 4s			SG on pile.	Private aid.
19365	SKYLINE MARINA LIGHT 2	48-29-20.440N 122-40-36.830W	Fl R 4s			TR on pile.	Private aid.
19370	LOPEZ PASS LIGHT 2	48-28-52.020N 122-49-05.436W	Fl R 4s	21	4	TR on skeleton tower.	
19375	Mud Bay Daybeacon	48-27-38.508N 122-49-50.790W				NR on spindle.	
19377	*Hunter Bay Aquaculture Lighted Buoys (2)*	48-28-06.000N 122-51-18.000W	Fl Y 6s			Yellow.	Private aid.
19380	Ram Island Rock Daybeacon 4	48-28-22.782N 122-50-11.838W				TR on skeleton tower.	Ra ref.
19385	Center Island Reef Daybeacon	48-29-04.986N 122-50-05.988W				NB on spindle.	Ra ref.
19390	Center Island Reef Daybeacon 6	48-29-05.076N 122-50-08.046W				TR on pile.	Ra ref.
19395	BELLE ROCK SECTOR LIGHT	48-29-34.751N 122-45-09.684W	Fl W 2.5s	22	7 R 5	NB on black cylindrical base.	Red sector visible 1.5° either side of 175°.
19397	*Belle Rock Lighted Isolated Danger Buoy BR*	48-29-36.517 N 122-44-56.466 W	Fl (2)W 5s		4	Black and red bands with two black spherical topmarks.	
19400	*Reef Point Junction Lighted Buoy*	48-31-43.791N 122-43-33.197W	Fl (2+1)R 6s		5	Red and green bands.	

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	Rosario Strait						
19405	FAUNTLEROY POINT LIGHT	48-31-28.163N 122-47-18.525W	Fl W 4s	37	7	NB on skeleton tower.	
19410	LAWSON ROCK LIGHT 2	48-31-51.360N 122-47-19.470W	Fl R 4s	15	4	TR on pile structure.	
19415	BLAKELY ISLAND LIGHT 4	48-31-52.194N 122-48-34.596W	Fl R 6s	15	5	TR on pile.	
19420	Undertaker's Reef Daybeacon 5	48-31-22.702N 122-49-46.413W				SG on spindle.	Ra ref.
19425	LEO REEF LIGHT	48-33-11.267N 122-51-14.955W	Fl W 4s	15	6	NB on black pyramidal base.	
19430	*Blakely Island Shoal Lighted Isolated Danger Buoy DS*	48-34-08.369N 122-50-40.647W	Fl (2)W 5s		6	Black and red bands with two black spherical topmarks.	
19435	UPRIGHT HEAD FERRY LANDING LIGHT	48-34-17.000N 122-52-56.000W	Fl Y 10s			On floating dolphin.	Private aid.
19440	SHOAL BAY AQUACULTURE LIGHT	48-33-36.000N 122-52-24.000W	Fl Y 6s			On aquaculture facility.	Private aid.
19445	Shag Rock Daybeacon	48-35-29.509N 122-52-30.510W				NW on spindle worded DANGER ROCKS.	
19450	PEAVINE PASS LIGHT 1	48-35-16.240N 122-49-20.238W	Fl G 4s	22	4	SG on skeleton tower.	
19455	BLACK ROCK LIGHT 9	48-32-45.075N 122-45-56.680W	Fl G 4s	10	4	SG on skeleton tower.	
19457	- *Lighted Buoy 11*	48-33-19.316N 122-45-44.157W	Fl G 2.5s		3	Green.	Buoy may be submerged during periods of extreme current.
19460	Peavine Pass Rocks Daybeacon	48-35-18.771N 122-48-04.283W				NR on spindle.	Ra ref.
19465	TIDE POINT LIGHT 12	48-35-06.474N 122-44-28.244W	Fl R 2.5s	15	4	TR on pile.	
19470	OBSTRUCTION PASS LIGHT	48-35-51.030N 122-48-16.074W	Fl W 4s	23	6	NR on white house.	
19475	*Lydia Shoal Lighted Gong Buoy 13*	48-35-58.374N 122-46-44.649W	Q G		4	Green.	
19480	Cypress Reef Daybeacon C	48-36-47.376N 122-43-20.644W				JR on pile.	
19485	*Buckeye Shoal Lighted Bell Buoy 14* Marks shoal west of Sinclair Island.	48-37-27.247N 122-43-46.757W	Fl R 6s		3	Red.	
19490	PEAPOD ROCKS LIGHT 15	48-38-32.240N 122-44-37.112W	Fl G 4s	35	5	SG on white octagonal house.	
19495	- *Lighted Bell Buoy 16*	48-38-26.639N 122-42-52.656W	Q R		4	Red.	
19500	*Boulder Reef Lighted Bell Buoy 2*	48-38-16.579N 122-41-42.252W	Fl R 4s		4	Red.	
19505	*Sinclair Island Lighted Bell Buoy 4*	48-38-17.380N 122-40-04.637W	Fl R 2.5s		3	Red.	
19510	LUMMI ROCKS LIGHT 16A	48-40-09.708N 122-40-07.206W	Fl R 6s	20	5	TR skeleton tower.	
19515	THE SISTERS LIGHT 17	48-41-40.190N 122-45-25.058W	Fl G 2.5s	40	4	SG on structure.	
19520	- *Traffic Separation Lane Lighted Buoy C*	48-40-33.699N 122-42-48.163W	Fl Y 2.5s		6	Yellow.	RACON: N (– •).
19525	VILLAGE POINT LIGHT 18	48-42-59.436N 122-43-09.564W	Fl R 4s	24	5	TR on skeleton tower.	Higher intensity beam towards Rosario Strait and Boundary Bay. Obscured from 180° to 264°.
19530	PUFFIN ISLAND SHOAL LIGHT 19	48-44-36.241N 122-49-00.338W	Fl G 4s	20	5	SG on house on cylindrical structure.	

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	Rosario Strait						
19535	- *Traffic Separation Lane Lighted Buoy CA*	48-45-18.384N 122-46-30.664W	Fl Y 2.5s		6	Yellow.	RACON: M (– –).
	San Juan Channel						
19540	ICEBERG POINT LIGHT 2	48-25-19.338N 122-53-39.376W	Fl R 4s	35	5	TR on white square concrete house.	
19545	Richardson Daybeacon	48-26-53.358N 122-54-34.637W				NR on white box.	
19550	Twin Rocks Daybeacon	48-26-47.358N 122-54-40.637W				NR on iron spindle.	
19555	CATTLE POINT LIGHT	48-27-02.310N 122-57-48.009W	Fl W 4s	94	7	White octagonal tower.	
19557	CAPE SAN JUAN FLOATING BREAKWATER LIGHTS (3)	48-27-48.000N 122-58-08.000W	Fl Y 4s			On floating breakwater.	Private aid.
	Fisherman Bay						
19560	- SECTOR LIGHT	48-31-30.816N 122-55-08.028W	Fl W 4s	15	6 R 4	NR on pile structure.	Red sector from 150° to 076°.
19565	- Entrance Daybeacon 4	48-31-17.362N 122-54-58.642W				TR on pile.	
19570	- Channel Daybeacon 5	48-31-11.361N 122-55-04.642W				SG on pile.	
19575	- Channel Buoy 7	48-31-07.612N 122-55-04.271W				Green can.	
19580	- Channel Buoy 8	48-30-56.700N 122-54-55.740W				Red nun.	
	San Juan Channel						
19585	FLAT POINT LIGHT 2	48-33-05.309N 122-55-12.745W	Fl R 2.5s	15	5	TR on pile.	
19590	TURN ROCK LIGHT 3	48-32-06.299N 122-57-52.546W	Fl G 4s	18	5	SG on cylindrical base.	Rock ledge bares at half tide.
19595	Minnesota Reef Daybeacon 1	48-32-11.960N 122-59-17.745W				SG on pile.	Ra ref.
19600	Brown Island Daybeacon 2	48-32-03.915N 122-59-57.150W				TR on pile.	Ra ref.
	Friday Harbor						
19605	- PIER LIGHTS (2)	48-32-42.000N 123-00-36.000W	Fl R 5s	6		Pile.	Private aid.
19615	- NORTH BREAKWATER LIGHT 1	48-32-25.119N 123-00-56.812W	Fl G 4s	8	4	SG on pedestal.	
19620	- MARINA ENTRANCE LIGHT 2	48-32-23.766N 123-00-52.351W	Fl R 2.5s	8	3	SG on pile.	Displays Q Y during seaplane operations.
19625	- MARINA ENTRANCE LIGHT 1	48-32-23.199N 123-00-54.235W	Fl G 2.5s	8	3	TR on pile.	Displays Q Y during seaplane operations.
	San Juan Channel						
19630	*Reid Rock Lighted Isolated Danger Buoy DR*	48-32-56.411N 122-59-22.307W	Fl (2)W 5s		3	Black and red bands with two spherical topmarks.	Rock has depth of 2 1/4 fathoms over it.
19635	SHIRT TAIL REEF LIGHT 1	48-35-13.362N 123-01-22.655W	Fl G 4s	19	4	SG on skeleton tower.	
19640	CLIFF ISLAND LIGHT 3	48-35-21.396N 123-00-48.684W	Fl G 6s	15	5	SG on square house.	
19645	BIRD ROCKS LIGHT	48-35-52.242N 123-00-55.578W	Fl W 4s	15	6	NB on white platform on pile structure.	
19650	DEER HARBOR PIER LIGHT	48-36-30.000N 122-59-43.000W	F R	15		On pile.	Private aid.
19655	POLE PASS LIGHT 2	48-36-05.365N 122-59-22.654W	Fl R 4s	15	4	TR on skeleton tower.	
19660	WASP PASSAGE LIGHT 5	48-35-41.365N 122-58-34.653W	Fl G 4s	15	5	SG on pyramidal structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)						
	San Juan Channel						
19665	Blind Bay Rock Daybeacon	48-35-00.000N 122-55-54.000W				NW worded DANGER ROCK.	Private aid.
19670	Jones Island Rock Buoy	48-37-15.000 N 123-02-38.000 W				White with orange bands.	
19672	- Buoy 4	48-35-21.055N 123-02-05.177W				Red nun.	
19675	GREEN POINT LIGHT	48-37-59.361N 123-06-22.672W	Fl W 4s	20	6	NB on skeleton tower.	
	Fisherman Bay						
19680	Harbor Rock Buoy	48-37-46.178N 122-58-40.434W				White can with orange bands worded DANGER ROCK.	
	Haro Strait						
19685 16270	**Discovery Island Light** (C)	48-25-28.300N 123-13-32.700W	Fl W 5s	93	16	White circular tower.	HORN: 1 blast ev 60s (6s bl).
19690	- *Lighted Buoy VD (C)*	48-27-06.000N 123-10-48.000W	Q(6)+L Fl W 15s			Yellow and black.	RACON: R (.-.).
19695	**Lime Kiln Light**	48-30-57.420N 123-09-08.700W	Fl W 10s	55	17	Octagonal tower attached to building. 25	
19700	*Little Zero Rock Lighted Buoy V30* (C)	48-31-54.300N 123-19-44.700W	Q R			Red.	
19705	**Zero Rock Light** (C)	48-31-25.300N 123-17-30.700W	Fl W 4s	28	17	White cylindrical tower with green band on top.	Ra ref.
19710	**Kelp Reef Light** (C)	48-32-51.300N 123-14-12.700W	Q W	35	10	White tower.	
19715	D'ARCY ISLAND LIGHT (C)	48-33-55.300N 123-17-06.100W	Fl R 4s	26	7	White circular tower with red band at top.	
19720	KELLETT BLUFF LIGHT	48-35-18.798N 123-12-07.206W	Fl W 4s	80	7	NB on house.	
	Mosquito Pass						
19724	- Buoy 1	48-34-45.100N 123-10-53.100W				Green can.	
19725	- Daybeacon 2	48-34-57.609N 123-10-19.468W				TR on pile.	
19730	- Buoy 3	48-35-03.355N 123-10-21.673W				Green can.	
19735	- Buoy 4	48-35-09.326N 123-10-18.234W				Red nun.	
19740	- Buoy 6	48-35-28.356N 123-10-30.675W				Red nun.	
	Haro Strait						
19743	SHERMAN DOCK LIGHT	48-36-10.200N 123-09-56.500W	Fl Y 6s				Private aid.
19745	PEARL ISLAND PIER LIGHTS (2)	48-36-59.000N 123-10-14.000W	F Y	16		On dolphins.	Private aid.
19750	PEARL ISLAND LIGHT 1	48-36-58.167N 123-10-12.947W	Fl G 4s	15	4	SG on skeleton tower.	
19755	PEARL ISLAND DOCK LIGHT	48-37-02.000N 123-09-39.000W	Fl Y 4s	18		On pile.	Private aid.
19765	Speiden Channel Buoy 3	48-38-04.872N 123-09-43.142W				Green can.	
19770	Roche Harbor Junction Buoy	48-37-29.938N 123-09-47.658W				Red and green bands; nun.	Rock is marked by kelp, and has 2 fathoms over it.
19775	- *Lighted Junction Buoy A* Southwest of shoal.	48-38-17.988N 123-10-56.562W	Fl (2+1)G 6s		3	Green and red bands.	

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			WASHINGTON - Thirteenth District				
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)						
	Haro Strait						
19778	*Reid Harbor Line Mooring System Lighted Buoys (3)*	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.
19780	TOM POINT LIGHT (C)	48-39-44.400N 123-16-25.600W	Fl W 4s (G Sector)	21	7 G 6	White circular tower with green band at top.	Green from 171° to 181°. Ra ref.
19785	ARACHNE REEF LIGHT (C)	48-41-05.200N 123-17-37.300W	Fl (2+1)G 6s	19	6	White circular tower with green band at top.	
19790	TURN POINT LIGHT	48-41-19.632N 123-14-14.635W	Fl W 2.5s	44	8	White concrete tower.	Light obscured from 260°30` to 357°.
19795	POINT FAIRFAX LIGHT (C)	48-41-57.000N 123-17-55.300W	Fl (3)W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	29	7	White circular tower.	
19798	*Prevost Harbor Line Mooring System Lighted Buoys (2)*	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.
	Boundary Pass						
19800	GOWLLAND POINT LIGHT (C)	48-44-08.400N 123-11-01.700W	Fl W 4s	35	7	White circular tower with green band at top.	
19805	SKIPJACK ISLAND LIGHT	48-43-57.712N 123-02-21.038W	Fl W 4s	18	6	NB on steel tower.	Obscured from 261° to 347°.
19810	SATURNA ISLAND LIGHT (C)	48-46-58.800N 123-02-45.000W	Fl W 15s (NIGHT) (R sector) F R (NIGHT)	121 102	W 17 R 8	On red skeleton tower.	White Light visible from 149° to 060°; red light visible from156° to 211.5°. Emergency light.
19815	*- Shoal Isolated Danger Lighted Bell Buoy DB*	48-45-53.376N 123-00-52.679W	Fl (2)W 5s		4	Black and red bands with two black spherical topmarks.	
19820	*Rosenfeld Rock Lighted Buoy U59* (C)	48-48-11.400N 123-01-38.700W	Fl G 4s			Green.	RACON: C (–•–•).
19825	PATOS ISLAND LIGHT	48-47-20.398N 122-58-16.837W	Fl W 6s (R Sector)	52	R 6 R 6	White square tower on fog signal house.	Red from 011.5° to 059.5°, covers 6 fathom shoal. Red from 097° to 114°, covers Rosenfeld Rock.
19830	Sucia Island Buoy 1	48-45-46.212N 122-55-09.606W				Green can.	
19835	Sucia Island Buoy 2	48-45-45.522N 122-55-09.858W				Red nun.	
19840	PARKER REEF LIGHT	48-43-32.778N 122-53-39.868W	Fl W 4s	15	6	NR on pile structure.	Ra ref.
19853	*Echo Bay Line Mooring System Lighted Buoys (3)*	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	*Echo Bay Line Mooring System Lighted Buoys (3)*	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.
19855	Ewing Island Reef Danger Buoy	48-45-38.778N 122-52-34.338W				White with orange bands; can with orange diamond.	
19860	Clements Reef Danger Buoy	48-45-46.392N 122-52-06.774W				White with orange bands; nun, and orange diamond worded DANGER REEF.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON - Thirteenth District				
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)						
	Boundary Pass						
19865	Clements Reef Buoy 2	48-46-39.597N 122-53-30.146W				Red nun.	Marks reef.
19870	*Alden Bank Lighted Junction Bell Buoy B*	48-47-03.782N 122-48-58.109W	Fl (2+1)R 6s		3	Red and green bands.	
19875	Alden Bank Buoy 5	48-48-56.687N 122-48-54.862W				Green can.	
19880	SANDY POINT LIGHT 2	48-47-12.429N 122-42-44.748W	Fl R 4s	16	4	TR on multi-pile.	
	Strait of Georgia						
19886	SANDY POINT LIGHT 3	48-47-16.428N 122-42-43.068W	Fl G 2.5s	15	4	SG on pile.	
19890	PHILLIPS 66 PIER SOUTH LIGHT	48-49-29.000N 122-43-10.000W	F R	16		NW on dolphin.	Private aid.
19891	PHILLIPS 66 PIER NORTH LIGHT	48-49-33.000N 122-43-08.000W	F R	16		NW on dolphin.	Private aid.
19892	**Phillips 66 Pier Sound Signal**	48-49-29.000N 122-43-10.000W				On pier.	HORN: 1 blast ev 30s (3s bl). Private aid.
19895	INTALCO PIER LIGHTS (2)	48-50-36.000N 122-43-12.000W	F R	24		On pier.	HORN: 2 blast ev 15s (2s bl-2s si-2s bl-9s si). Private aid.
19900	BP CHERRY POINT LIGHT A	48-51-36.000N 122-45-21.000W	F R	28		On mooring dolphin.	Private aid.
19905	BP CHERRY POINT LIGHT B	48-51-42.000N 122-45-34.000W	F R	28		On mooring dolphin.	Private aid.
19910	*Alden Bank Lighted Junction Gong Buoy A*	48-50-23.385N 122-52-13.667W	Fl (2+1)R 6s		3	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	48-55-52.926N 122-47-14.518W				SG on pile.	Private aid.
19914	Birch Bay Mooring Basin Daybeacon 4	48-55-53.266N 122-47-13.508W				TR on pile.	Private aid.
	Semiahmoo Bay						
19915	- Buoy 2	48-59-30.976N 122-47-39.949W				Red nun.	
19920	- LIGHT 4	48-59-32.253N 122-47-02.443W	Fl R 6s	15	4	TR on pile structure.	
19925	- Buoy 3	48-59-44.481N 122-46-46.997W				Green can.	
19930	BLAINE SMALL BOAT HARBOR LIGHT 2	48-59-27.245N 122-45-54.100W	Fl R 2.5s	22	4	TR on dolphin.	
	Point Roberts						
19945	- *Lighted Bell Buoy 4*	48-57-05.682N 122-59-13.492W	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	**- Light**	48-58-17.958N 123-05-01.266W	Fl (2)W 15s 0.1s fl 4.9s ec. 0.1s fl 9.9s ec.	30	15	NR on skeleton tower. 40	
	International Boundary *Boundary Lights are maintained by the International Boundary Commission, United States and Canada.*						
19969	- LIGHT A	49-00-07.483N 123-06-44.193W	Fl Y 4s	25	3	Concrete structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON - Thirteenth District				
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)						
	Point Roberts						
	International Boundary						
	Boundary Lights are maintained by the International Boundary Commission, United States and Canada.						
19970	- LIGHT B	49-00-07.417N 123-05-34.197W	Fl Y 4s	15	3	On pile.	
19971	- LIGHT C	49-00-06.967N 123-02-06.727W	Fl Y 4s	25	3	NY on concrete structure.	
19972	- LIGHT D	49-00-07.556N 123-01-12.992W	Fl Y 4s	36	3	Concrete structure.	
19973	- LIGHT E	49-00-07.719N 122-58-21.361W	Fl Y 4s	15	3	NY on pile.	
19974	- LIGHT F	49-00-07.800N 122-55-29.732W	Fl Y 4s	15	3	On pile.	
19975	- LIGHT G	49-00-07.810N 122-52-38.102W	Fl Y 4s	15	3	On pile.	
19976	- LIGHT H	49-00-07.748N 122-49-46.465W	Fl Y 4s	15	3	On pile.	
19977	- LIGHT I	49-00-07.618N 122-46-54.823W	Fl Y 4s	42	3	Concrete structure.	
			IDAHO - Thirteenth District				
	LAKE PEND OREILLE (Chart 18554)						
20085	SANDPOINT FIELD BOAT RAMP LIGHT A	48-15-49.560N 116-33-29.820W	Fl Y 2s			On pole.	Private aid.
20090	SANDPOINT MARINA PIER LIGHT B	48-16-18.480N 116-32-19.800W	Fl Y 2s			On statue.	Private aid.
20095	WINDBAG MARINA BREAKWATER LIGHT C	48-16-29.200N 116-32-23.700W	Fl Y 2s			On pole.	Private aid.
20100	CONTEST POINT LIGHT 24	48-16-14.100N 116-30-04.140W	Fl R 4s			TR on steel tower.	Private aid.
20101	CLEAVENGER DOCK LIGHT	48-15-23.580N 116-26-24.540W	Fl Y 6s			On dock.	Private aid.
20102	SUNNY SIDE LIGHT 25	48-16-46.740N 116-24-37.980W	Fl G 4s			SG on dolphin.	Private aid.
20104	ANDERSON POINT LIGHT 26	48-15-01.500N 116-22-33.960W	Fl R 4s			TR on dolphin.	Private aid.
20106	HOPE POINT LIGHT 27	48-13-34.680N 116-18-30.420W	Fl G 4s			SG on steel tower.	Private aid.
20108	PEARL ISLAND LIGHT	48-12-58.920N 116-19-54.720W	Fl W 10s			NR on steel tower.	Private aid.
20110	ELLIOT BAY LIGHT 28	48-12-15.240N 116-21-35.700W	Fl R 4s			TR on piling.	Private aid.
20112	LEE'S POINT LIGHT 29	48-08-48.000N 116-15-33.000W	Fl G 4s			SG on wood piling.	Private aid.
20114	GARFIELD BAY LIGHT 30	48-10-36.660N 116-25-41.040W	Fl R 4s			TR on steel stand.	Private aid.
20115	GRANITE POINT LIGHT 31	48-05-59.820N 116-25-58.440W	Fl G 4s			SG on steel platform.	Private aid.
20116	MILLER'S POINT LIGHT 32	48-09-45.480N 116-26-24.660W	Fl R 4s			TR on steel piling.	Private aid.
20118	*Navy Mooring Lighted Buoy B2*	48-05-32.000N 116-28-46.000W	Q Y			White and orange.	Navy maintained. Private aid.
20120	*Navy Mooring Lighted Buoy B3*	48-05-32.000N 116-29-20.000W	Q Y			White and orange.	Navy maintained. Private aid.
20122	*Navy Lighted Weather Buoy*	48-05-19.930N 116-29-15.160W	Fl Y 2s			Orange sphere.	Navy maintained. Private aid.
20124	Navy Hauldown Submerged Buoy	48-05-18.000N 116-29-04.000W				Yellow float.	Float submerges 100ft when tests are underway. Navy maintained. Private aid.
20126	*Navy Mooring Lighted Buoy B1*	48-05-08.000N 116-28-45.000W	Q Y			White and orange.	Navy maintained. Private aid.
20128	*Navy Mooring Lighted Buoy B4*	48-05-07.000N 116-29-20.000W	Q Y			White and orange.	Navy maintained. Private aid.
20130	*Navy Hauldown Lighted Buoy*	48-04-53.000N 116-31-36.000W	Fl Y 2s			White and orange.	Navy maintained. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			IDAHO - Thirteenth District				
LAKE PEND OREILLE (Chart 18554)							
20132	NAVY OUTPOST PIER LIGHT	48-04-52.000N 116-31-43.000W	Fl Y 2s			On pier.	Navy maintained. Private aid.
20133	NAVY LIGHTED DEEP MOORING #2	48-03-38.000N 116-30-03.000W	Fl Y 2s			On float.	Navy maintained. Private aid.
20134	WHISKEY POINT LIGHT 33	48-03-29.520N 116-27-27.180W	Fl G 4s			SG on steel stand.	Private aid.
20136	WHISKEY ROCK LIGHT	48-03-02.220N 116-27-31.380W	Fl W 10s			NG on steel tower.	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	Fl 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	Fl Y 2s			On orange and white float.	Navy maintained. Private aid.
20144	NAVY WIGWAM PIER LIGHT	48-01-31.000N 116-31-27.000W	Fl Y 2s			On pier.	Navy maintained. Private aid.
20146	NAVY LIGHTED DEEP MOORING #1	48-01-20.000N 116-29-45.000W	Fl Y 2s			On float.	Navy maintained. Private aid.
20158	CAPE HORN LIGHT 34	47-59-23.880N 116-29-45.300W	Fl R 4s			TR on steel stand.	Private aid.
20160	NAVY BARGE LIGHT B	47-58-47.000N 116-32-06.000W	Fl Y 2s			On barge.	Navy maintained. Private aid.
20162	NAVY BARGE LIGHT A	47-58-48.000N 116-32-06.000W	Fl Y 2s			On barge.	Navy maintained. Private aid.
20164	NAVY TRANSFORMER FLOAT LIGHT B	47-58-47.000N 116-32-08.000W	Fl Y 2s			On barge.	Navy maintained. Private aid.
20166	NAVY TRANSFORMER FLOAT LIGHT A	47-58-47.000N 116-32-10.000W	Fl Y 2s			On barge.	Navy maintained. Private aid.
20168	NAVY HARBOR ENTRANCE LIGHT 2	47-58-41.000N 116-33-39.000W	Fl R 2s			On pile.	Navy maintained. Private aid.
20170	NAVY HARBOR ENTRANCE LIGHT 1	47-58-38.000N 116-33-41.000W	Fl G 2s			On pile.	Navy maintained. Private aid.
			BRITISH COLUMBIA				
STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)							
20320	GANGES HARBOR LIGHT (C)	48-50-12.000N 123-27-12.000W	Fl R 4s	27		White circular tower, red band at top.	
20325	PORTLOCK POINT LIGHT (C)	48-49-42.000N 123-21-00.000W	Q W	51	7	White square tower.	Year round.
20330	CONCONI REEF LIGHT (C)	48-49-30.000N 123-17-30.000W	Q W	20	5	White circular tower with red band at top.	
20335	PEILE POINT LIGHT (C)	48-51-00.000N 123-24-18.000W	Fl W 4s	25	7	White circular tower.	
20340	*Ben Mohr Rock Lighted Buoy UK* (C)	48-51-36.000N 123-23-30.000W				Red and green bands.	
20345	PHILLIMORE POINT LIGHT (C)	48-52-18.000N 123-23-24.000W	Q R	24		White circular tower, red band at top.	
20350	ENTERPRISE REEF LIGHT (C)	48-50-42.000N 123-20-48.000W	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)	48-51-30.000N 123-20-36.000W	Q W	23	6	White circular tower with red band at top.	
20360	GALIANO LIGHT (C)	48-51-42.000N 123-20-54.000W	Q G	21	5	White circular tower with green band at top.	Ra ref.
20365	MARY ANNE POINT LIGHT (C)	48-51-42.000N 123-18-42.000W	Q W	25	6	White circular tower with green band at top.	Ra ref.

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			BRITISH COLUMBIA				
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)						
20370	**Active Pass Light** (C)	48-52-24.000N 123-17-24.000W	Fl W 10s	57	17	White circular tower.	Emergency light.
20375	*Gossip Shoals Lighted Bell Buoy U47* (C)	48-53-06.000N 123-18-18.000W	Fl G 4s			Green.	
20380	NORTH REEF LIGHT (C)	48-54-54.000N 123-37-30.000W	Fl (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)	48-55-48.000N 123-42-18.000W	Fl G 4s	31	5	White circular tower with green band at top.	
20390	ALARM ROCK LIGHT (C)	48-57-30.000N 123-40-30.000W	Fl (2)W 6s	17	6	White circular tower.	Ra ref.
20395	PREEDY HARBOR LIGHT (C)	48-58-06.000N 123-41-00.000W	Q R	17	6	White circular tower with red band at top.	Ra ref.
20400	COFFIN ISLAND LIGHT (C)	48-59-12.000N 123-45-06.000W	Fl W 4s	19	6	White circular tower with green band at top.	Ra ref.
20405	SOUTHEY POINT LIGHT (C)	48-56-48.000N 123-35-42.000W	Q W	20	6	White circular tower.	
20410	GRAPPLER ROCK LIGHT (C)	48-56-24.000N 123-36-06.000W	Fl R 4s	20	6	White circular tower, red band at top.	
20415	*Panther Point Lighted Buoy U44* (C)	48-55-48.000N 123-32-24.000W	Fl R 4s			Red.	Ra ref.
20420	WALKER ROCK LIGHT (C)	48-55-24.000N 123-29-36.000W	Fl (3)W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec. (G, W & R Sectors)	24	G 7 R 7 W 7	White circular tower.	Ra ref. Green Sector 082° to 088°, white sector 088° to 092°, red sector 092° to 099°.
20425	*Victoria Shoal Lighted Buoy U43* (C)	48-55-12.000N 123-30-54.000W	Fl G 4s			Green.	
20430	*Governor Rock Lighted Buoy U45* (C)	48-54-48.000N 123-29-48.000W	Fl G 4s			Green.	
20435	PORLIER PASS RANGE FRONT LIGHT (C)	49-00-48.000N 123-35-06.000W	F Y	22		White circular tower.	HORN: 1 blast ev 30s (3s bl).
20440	PORLIER PASS RANGE REAR LIGHT 487 yards, 196.1° from front light. (C)		F Y	34		White square tower.	
20445	*Porlier Pass Lighted Bell Buoy U41* (C)	49-01-36.000N 123-34-54.000W	Fl G 4s			Green.	
20450	DANGER REEFS LIGHT (C)	49-03-18.000N 123-42-54.000W	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)	49-08-12.000N 123-49-00.000W	Q W	29	5	White circular tower with green band at top.	
20460	**Gallows Point Light** (C)	49-10-12.000N 123-55-06.000W	Iso W 2s	24	11	White circular tower with red band at top.	
20465	*Canoe Pass Lighted Bell Buoy T14* (C)	49-02-18.000N 123-15-24.000W	Fl R 4s			Red.	RACON: K (– • –).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA				
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)						
20470	**Roberts Bank Light** (C)	49-05-18.000N 123-18-36.000W	Fl W 5s	36	10	White circular tower with red band at top and a concrete building on 8-piles.	RACON: N (– •).
20475	*Roberts Bank Cautionary Lighted Buoy TA* (C)	49-04-24.000N 123-22-48.000W	Fl Y 4s			Yellow.	RACON: O (– – –).
20480	**Sand Heads Light** (C)	49-06-24.000N 123-18-12.000W	Fl G 5s	52	16	Fluorescent orange square tower on white rectangular building.	Emergency light.
20485	*Sand Heads Lighted Bell Buoy S1* (C)	49-06-12.000N 123-18-36.000W	Fl G 4s			Green.	
20490	WESTERLY LIGHT (C)	49-15-30.000N 123-16-42.000W	Fl (3)W 12s	26	9	White circular tower.	
20495	*Point Grey Lighted Bell Buoy Q62* (C)	49-17-24.000N 123-15-54.000W	Q R			Red.	
20500	**Point Atkinson Light** (C)	49-19-49.000N 123-15-53.000W	Fl (2)W 5s 0.25s fl 0.75s ec. 0.25s fl 3.75s ec.	108	15	White hexagonal tower, with buttresses.	Emergency light.
20505	*Vancouver Approach Cautionary Lighted Buoy QA* (C)	49-16-36.000N 123-19-12.000W	Fl Y 4s			Yellow.	RACON: G (– – •).
20510	POINT COWAN LIGHT (C)	49-20-06.000N 123-21-36.000W	Q W	67	7	White circular tower.	
20515	CAPE ROGER CURTIS LIGHT (C)	49-20-24.000N 123-26-00.000W	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)	49-21-48.000N 123-29-30.000W	Fl R 4s	41	7	White tower with red band at top.	
20525	THRASHER ROCK LIGHT (C)	49-09-00.000N 123-38-24.000W	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	*Gabriola Reefs Lighted Buoy UM* (C)	49-07-42.000N 123-39-18.000W				Green and red bands.	
20535	TUGBOAT ISLAND LIGHT (C)	49-08-54.000N 123-41-00.000W	Fl W 4s	20	5	White circular tower.	
20540	**Entrance Island Light** (C)	49-12-36.000N 123-48-30.000W	Fl W 5s	62	15	White circular tower.	
	Chatham Sound						
21770	**Lucy Islands Light** (C)	54-17-45.000N 130-36-32.000W	Fl R 6s	71	14	White octagonal tower.	Visible from 094.5° to 351.5°. Emergency light.
21775	*Tugwell Reef Lighted Bell Buoy D61* (C)	54-18-41.000N 130-30-17.000W				Green.	
21780	SHRUB ISLAND LIGHT (C)	54-19-48.000N 130-27-36.000W	Q R	18		White circular tower, red band at top.	
21785	RYAN POINT REEF LIGHT (C)	54-21-36.000N 130-29-54.000W	Fl W 6s	15		On skeleton tower.	Visible from 023° to 177°.
21790	*Hodgson Reefs Lighted Whistle Buoy D84* (C)	54-23-09.500N 130-32-34.800W				Red.	
21795	SLIPPERY ROCK LIGHT (C)	54-24-00.000N 130-29-42.000W	Fl (3)W 12s	22	5	White circular tower.	

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			BRITISH COLUMBIA				
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)						
	Chatham Sound						
21800	*Tree Bluff Lighted Bell Buoy D86* (C)	54-25-48.000N 130-30-48.000W				Red.	
21805	WHITESAND ISLAND LIGHT (C)	54-30-48.000N 130-44-48.000W	Fl W 4s	22		White skeleton tower.	
21810	BIRNIE ISLAND LIGHT (C)	54-35-24.200N 130-27-48.500W	Fl W 4s	28	5	White mast.	
21815	POINTER ROCKS LIGHT (C)	54-36-17.700N 130-32-14.900W	Fl W 6s	21	5	White circular tower.	
21820	**Green Island Light** (C)	54-34-06.000N 130-42-24.000W	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)	54-37-24.000N 130-45-30.000W	Fl W 6s	21	5	White slatted daymark.	Visible from 109° to 354°.
21830	JACINTO POINT LIGHT (C)	54-34-48.000N 131-04-30.000W	Fl W 6s	35	5	Skeleton tower.	
			ALASKA - Seventeenth District				
	HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)						
	Dixon Entrance						
21835	LORD ROCK LIGHT	54-43-32.816N 130-49-13.212W	Fl W 4s	38	7	NR on skeleton tower.	
21840	TREE POINT LIGHT	54-48-10.344N 130-56-01.734W	Fl W 6s	86	9		Obscured from 158° to 318°.
21841	Stone Rock Bay Coast Guard Mooring Buoy	54-45-21.944N 132-00-25.651W				White sphere with blue stripe.	
21845	BARREN ISLAND LIGHT	54-44-37.710N 131-21-02.741W	Fl W 4s	85	7	NR on spindle.	
21850	CAPE CHACON LIGHT	54-41-26.490N 132-01-00.966W	Fl W 2.5s	50	6	NR on frame.	Obscured from 112° to 226.5°.
21855	POINT MARSH LIGHT	54-42-42.282N 132-17-42.966W	Fl W 4s	74	6	NR on skeleton tower.	Obscured from 127° to 265°.
	Portland Inlet						
21860	LIZARD POINT LIGHT (C)	54-50-00.000N 130-16-30.000W	Fl W 6s	24	7	Red cylindrical tower.	
21865	RAMSDEN POINT LIGHT (C)	54-58-59.700N 130-06-16.200W	Fl (3)W 12s	27	5	Orange square skeleton tower.	Obscured from 117.5° to 260°.
	Pearse Canal						
21870	- ISLAND LIGHT (C)	54-47-02.100N 130-36-36.200W	Fl W 4s	12	5	White square daymarks on E., S. and W. sides of square skeleton tower.	
	Portland Canal						
21875	REEF ISLAND LIGHT	55-04-43.572N 130-12-10.548W	Fl W 4s	19	6	NR on spindle.	Higher intensity beam up Portland Canal, higher intensity beam down Pearse Canal. Obscured from 020.5° to 197.5°.
21880	HATTIE ISLAND LIGHT (C)	55-17-15.000N 129-58-12.000W	Fl W 6s	21	5	Orange circular slatwork daymark on pole.	Visible from 171° to 336°.
21890	Hyder Harbor Entrance Buoy 1	55-54-15.646N 130-00-33.796W				Green can.	
21895	Salmon River Shoal Buoy 3	55-54-27.441N 130-00-19.772W				Green can.	
21900	STEWART LIGHT (C)	55-54-37.600N 129-59-28.600W	Fl (3)W 12s 0.5s fl 2sec. 0.5s fl 2sec. 0.5s fl 6.5sec.	12	5	Square skeleton tower.	
21905	STEWART DOLPHIN WEST LIGHT (C)	55-54-46.100N 130-00-16.600W	Fl G 4s	23	4	Three pile dolphin.	

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			ALASKA - Seventeenth District				
	HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)						
	Nakat Bay						
21910	Tongass Reef Daybeacon	54-47-12.888N 130-44-40.418W				NR on skeleton tower.	
21915	BOAT ROCK LIGHT	54-46-49.002N 130-47-58.026W	Fl W 2.5s	38	6	NR on spindle.	Obscured from 049° to 210°.
	Revillagigedo Channel						
21920	EAST ISLAND LIGHT	54-52-14.808N 131-11-45.264W	Fl W 2.5s	43	7	NR on skeleton tower.	Obscured from 014° to 184°.
21925	FOGGY POINT LIGHT	54-55-26.442N 130-58-39.318W	Fl W 4s	17	6	NR on skeleton tower.	
21930	BLACK ROCK LIGHT	55-01-25.394N 131-03-35.346W	Fl W 6s	55	6	NR on cylindrical house on pyramidal skeleton tower.	
21935	SLATE ISLANDS LIGHT	55-05-17.236N 131-03-10.352W	Fl W 4s	33	5	NR on spindle.	Obscured from 121° to 247°.
21940	MARY ISLAND LIGHT	55-05-56.550N 131-10-57.348W	Fl W 6s	76	6		Obscured from 341° to 150°.
21945	TWIN ISLANDS LIGHT TI	55-08-35.076N 131-13-01.860W	Fl G 6s	19	4	SG on skeleton tower.	Obscured from 324° to 081°.
21950	HOG ROCKS LIGHT	55-10-40.638N 131-16-59.016W	Fl W 4s	23	7	NR on concrete caisson.	
21955	ANGLE POINT LIGHT	55-14-19.416N 131-25-36.942W	Fl W 6s	24	6	NR on skeleton tower.	Obscured from 132° to 288°, high intensity beam toward bearing of 119°.
21960	Mastic Rock Daybeacon	55-15-28.867N 131-24-03.054W				NR on pile.	
21965	SPIRE ISLAND REEF LIGHT SI	55-16-05.047N 131-29-58.906W	Fl G 4s	30	4	SG on square truncated concrete pyramid.	
21970	CUTTER ROCKS LIGHT CR	55-17-20.662N 131-31-28.299W	Fl (2+1)R 6s	11	3	JR on skeleton tower.	
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	55-17-35.616N 131-32-34.884W				TR on skeleton tower.	
21975	MOUNTAIN POINT LIGHT	55-17-37.436N 131-32-54.689W	Fl W 6s	29	6	NR on skeleton tower.	Obscured from 117° to 282°.
21980	*Potter Rock Lighted Bell Buoy*	55-18-06.184N 131-34-39.584W	Fl (2+1)R 6s		4	Red and green bands.	
	Felice Strait						
21985	*Indian Rock Lighted Buoy 6*	55-01-48.788N 131-20-50.148W	Fl R 4s		3	Red.	
21990	SNIPE ISLAND LIGHT 5	55-00-13.830N 131-23-20.712W	Fl G 6s	20	4	SG on skeleton tower.	
21995	AJAX REEF LIGHT 3	55-00-04.964N 131-27-43.333W	Fl G 4s	31	4	SG on skeleton tower.	
22000	HARRIS ISLAND LIGHT 2	55-00-13.836N 131-32-07.014W	Fl R 6s	16	4	TR on skeleton tower.	Obscured from 294° to 083°.
22005	POINT DAVISON LIGHT	54-59-38.606N 131-36-50.246W	Fl W 6s	33	6	NR on spindle.	Obscured from 138° to 250°.
	Tamgas Harbor						
22010	- ENTRANCE LIGHT	55-01-19.002N 131-30-49.770W	Fl W 4s	30	6	NR on skeleton tower.	
22015	- Buoy 1	55-02-02.778N 131-31-16.134W				Green can.	
	Nichols Passage						
22020	*Hid Reef Lighted Whistle Buoy 2*	55-04-07.765N 131-40-31.034W	Fl R 4s		4	Red.	
	West Channel						
22025	Point McCartey Buoy 3	55-06-43.459N 131-41-49.637W				Green can.	

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			ALASKA - Seventeenth District				
	HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)						
	West Channel						
22030	POINT MCCARTEY LIGHT	55-06-48.630N 131-42-25.692W	Fl W 6s	44	5	NR on skeleton tower.	Obscured from 080° to 090°, and from 113° to 197°.
22035	*Nichols Passage West Channel Lighted Bell Buoy 4*	55-08-46.758N 131-39-42.042W	Fl R 2.5s		4	Red.	
	East Channel						
22040	Nichols Passage East Channel Daybeacon 2	55-09-17.490N 131-36-22.170W				TR on spindle.	
22045	Kelp Rocks Buoy 1	55-09-29.438N 131-37-56.115W				Green can.	
22050	WARBURTON ISLAND LIGHT	55-07-55.521N 131-38-01.392W	Fl W 4s	35	5	NR on skeleton tower.	Obscured from 063° to 189°.
22055	GULL ISLAND LIGHT GI	55-08-19.261N 131-36-21.344W	Fl (2+1)R 6s	20	5	JR on spindle.	
22060	DRIEST POINT LIGHT 4	55-10-35.598N 131-36-23.148W	Fl R 6s	29	4	TR on spindle.	Obscured from 177° to 328°.
	Port Chester						
22065	METLAKATLA BOAT HARBOR LIGHT 2	55-07-52.003N 131-35-07.654W	Fl R 2.5s	20	4	TR on spindle.	
22070	Metlakatla Inner Harbor Daybeacon 3	55-07-50.622N 131-35-05.586W				SG on pile.	
22075	Metlakatla Inner Harbor Daybeacon 5	55-07-49.563N 131-35-09.543W				SG on pile.	
22080	Metlakatla Inner Harbor Daybeacon 7	55-07-47.963N 131-35-08.543W				SG on pile.	
22085	VILLAGE POINT LIGHT 4	55-07-53.463N 131-34-38.643W	Fl R 4s	40	3	TR on skeleton tower.	
22090	METLAKATLA BREAKWATER LIGHT 1	55-07-43.050N 131-34-13.290W	Fl G 4s	10	4	SG on skeleton tower, concrete base.	
22100	SCRUB ISLAND LIGHT 5	55-08-15.370N 131-34-28.950W	Fl G 6s	10	4	SG on spindle.	
22102	HUB ROCK LIGHT	55-08-20.070N 131-33-07.368W	Fl W 2.5s	20	5	NR on tower.	
22105	SCRUB ISLAND LIGHT 7	55-08-31.596N 131-33-57.270W	Fl G 2.5s	10	4	SG on spindle.	
22107	MORSE ROCK LIGHT 8	55-09-08.826N 131-34-13.974W	Fl R 4s	10	4	TR on pile.	
22110	*Lively Rock Lighted Buoy 9*	55-09-25.776N 131-35-10.126W	Fl G 4s		4	Green.	
	Nichols Passage						
22115	Bailey Rock Daybeacon 2	55-15-25.842N 131-36-03.690W				TR on spindle.	
22120	BLANK ISLAND LIGHT	55-15-59.093N 131-38-23.047W	Fl W 2.5s	37	6	NR on skeleton tower.	Obscured from 042° to 197.5°.
22125	WALDEN ROCK LIGHT 6	55-16-15.684N 131-36-44.490W	Fl R 6s	20	4	TR on pile.	
	Tongass Narrows						
22130	- *West Channel Lighted Buoy 2*	55-18-00.994N 131-36-21.313W	Fl R 2.5s		3	Red.	
22135	- WEST CHANNEL LIGHT 4	55-19-08.253N 131-38-34.964W	Fl R 4s	18	5	TR on skeleton tower.	Obscured from 126° to 315°.
22140	- *West Channel Lighted Buoy 5*	55-19-09.122N 131-38-53.104W	Fl G 4s		4	Green.	
22142	- East Channel Regulatory Buoy	55-19-22.000N 131-36-40.500W				White with orange bands labeled "7 KTS".	
22145	- East Channel Entrance Buoy 2	55-18-33.754N 131-35-15.065W				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*	55-18-54.254N 131-36-11.065W	Fl G 4s		4	Green.	

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			ALASKA - Seventeenth District				
	HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)						
	Tongass Narrows						
22155	*Idaho Rock Lighted Buoy 4*	55-19-00.954N 131-36-07.096W	Fl R 4s		4	Red.	
22156	- West Channel Regulatory Buoy	55-19-30.792N 131-39-12.770W				White with orange bands labeled "7 KTS".	
22158	COAST GUARD STATION LIGHT	55-19-49.008N 131-37-24.516W	Fl W 4s	4	4	NR on skeleton tower.	
22162	- *East Channel Lighted Buoy AGS*	55-20-08.000N 131-37-59.000W	Fl 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	Fl W 3s			White with orange bands.	Maintained from Jul. 01 to Sept. 15. Private aid.
22165	THOMAS BASIN ENTRANCE LIGHT 2	55-20-18.053N 131-38-33.067W	Fl R 2.5s	28	4	TR on steel tower.	
22175	- *East Channel Lighted Buoy 4A*	55-20-21.752N 131-39-00.067W	Fl R 4s		3	Red.	Marks 4 fathom shoal.
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	Fl 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*	55-20-17.900N 131-40-05.300W	Fl (2+1)G 6s		3	Green and red bands.	
22195	- *Wreck Lighted Buoy WR6*	55-20-41.700N 131-40-20.000W	Q R		3	Red.	
	Bar Harbor						
22200	- SOUTH ENTRANCE LIGHT 2S	55-20-52.115N 131-40-41.653W	Fl R 4s	11	4	TR on skeleton tower on concrete base.	
22201	- BREAKWATER EAST LIGHT	55-20-50.800N 131-40-41.100W	Fl Y 2.5s	6		On breakwater.	Private aid.
22202	- BREAKWATER MIDDLE LIGHT	55-20-50.400N 131-40-42.540W	Fl Y 2.5s	6		On breakwater.	Private aid.
22203	- BREAKWATER WEST LIGHT	55-20-50.000N 131-40-44.000W	Fl Y 2.5s	6		On breakwater.	Private aid.
22205	- South Entrance Daybeacon 3S	55-20-53.909N 131-40-44.695W				SG on skeleton tower on concrete base.	
22210	- ENTRANCE LIGHT 2	55-20-56.567N 131-41-06.361W	Fl R 2.5s	8	4	TR on skeleton tower.	
22215	- Entrance Daybeacon 3	55-20-00.185N 131-41-07.159W				SG on skeleton tower.	
22220	- NORTH ENTRANCE LIGHT 2N	55-21-05.046N 131-41-21.420W	Fl R 6s	8	4	TR on caisson.	
	Tongass Narrows						
22225	EAST CLUMP LIGHT 7	55-20-40.571N 131-41-20.341W	Fl G 6s	15	5	SG on square frame.	
22230	- Buoy 9	55-21-50.546N 131-43-13.267W				Green can.	
22235	MARINE HIGHWAY WHARF LIGHTS (2)	55-21-21.800N 131-42-02.000W	Fl R 4s	13		On boxes on concrete wharf.	Private aid.
22240	- *Lighted Buoy 10*	55-22-21.146N 131-43-36.068W	Fl R 2.5s		4	Red.	
22245	LEWIS REEF LIGHT 11	55-22-27.967N 131-44-18.656W	Fl G 2.5s	15	5	SG on concrete pyramid.	
22250	Peninsula Point Reef Buoy 2	55-23-03.000N 131-44-28.000W				Red nun.	
22255	CHANNEL ISLAND LIGHT 14	55-23-41.341N 131-45-52.756W	Fl R 4s	24	5	TR on skeleton tower on concrete base.	Obscured from 238° to 268°.

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			ALASKA - Seventeenth District				
	HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)						
	Tongass Narrows						
22260	*Ohio Rock Lighted Buoy OR*	55-23-47.333N 131-46-19.763W	Fl (2+1)R 6s		4	Red and green bands.	
22265	REFUGE COVE ENTRANCE LIGHT 2	55-24-03.888N 131-45-00.210W	Fl R 6s	15	4	TR on skeleton tower.	
22267	DANGER ISLAND LIGHT	55-24-05.142N 131-45-59.664W	Fl W 4s	15	3	NR on tower.	
22270	Refuge Cove Daybeacon 3	55-24-06.852N 131-45-04.002W				SG on pile.	
22275	Refuge Cove Daybeacon 5	55-24-14.736N 131-44-50.065W				SG on spindle.	
22280	ROSA REEF LIGHT 15	55-24-48.353N 131-48-09.098W	Fl G 6s	24	6	SG on caisson.	
22285	POND REEF LIGHT 16	55-26-14.178N 131-48-53.964W	Fl R 2.5s	13	4	TR on skeleton tower.	
22290	Vallenar Point Buoy 17	55-25-48.712N 131-50-28.054W				Green can.	
22295	VALLENAR ROCK LIGHT	55-25-51.668N 131-51-46.232W	Fl W 2.5s	18	6	NR on spindle.	
22300	**Guard Island Light**	55-26-45.382N 131-52-51.968W	Fl W 10s	74	17	25	Emergency light (Fl W 6s) of reduced intensity when main light is extinguished.
	Behm Canal						
22305	CLOVER PASSAGE ENTRANCE LIGHT	55-28-43.032N 131-48-46.524W	Fl W 6s	20	6	NR on skeleton tower.	Obscured from 102° to 230°.
22310	Clover Passage Daybeacon CP	55-28-33.558N 131-47-57.738W				TR on pile.	
22315	Knudson Cove Daybeacon	55-28-20.928N 131-47-48.096W				NR on pile.	
22320	Knudson Cove Floating Dock Daybeacon	55-28-24.000N 131-47-42.000W				SG on breakwater.	Private aid.
22325	Hump Island Daybeacon	55-31-02.705N 131-45-21.057W				NR on skeleton tower.	
22327	- RANGE FRONT LIGHT	55-32-10.056N 131-49-57.156W	Fl W 2.5s	30		KRW and NR on skeleton tower.	
22328	- Range Rear Daybeacon 1,600 yards, 210° from front light	55-31-30.996N 131-50-37.638W				KRW on skeleton tower.	
22330	GRANT ISLAND LIGHT	55-33-16.320N 131-43-43.728W	Fl W 6s	18	7	NR on skeleton tower.	
22335	HELM BAY LIGHT	55-34-50.420N 131-55-43.418W	Fl W 4s	14	7	NR on skeleton tower.	
22337	POINT FRANCIS LIGHT	55-39-50.382N 131-49-24.828W	Fl W 2.5s	32	7	NR on skeleton tower.	
22340	BUSHY POINT LIGHT	55-43-51.804N 131-43-56.436W	Fl W 4s	18	6	NR on skeleton tower.	
22345	BLUFF POINT LIGHT	55-53-02.814N 131-44-46.284W	Fl W 6s	12	6	NR on skeleton tower.	
22350	SNIPE POINT LIGHT	55-55-32.256N 131-36-53.591W	Fl W 2.5s	18	5	NR on skeleton tower.	Higher intensity down Behm Canal and Hassler Pass.
	Clarence Strait						
22360	MCLEAN POINT LIGHT	54-47-29.694N 131-57-23.850W	Fl W 4s	58	5	NR on skeleton tower.	Obscured from 012° to 165.5°.
22365	MOIRA ROCK LIGHT	55-04-57.581N 131-59-54.316W	Fl W 4s	40	5	NR on skeleton tower.	
22370	SKIN ISLAND LIGHT	55-18-05.150N 132-04-22.325W	Fl W 4s	33	6	NR on skeleton tower.	Obscured from 006° to 152°.
22375	HIGH ISLAND LIGHT	55-24-02.796N 132-09-51.108W	Fl W 6s	40	6	NR on skeleton tower.	Obscured from 330° to 132°.
	Kasaan Bay						
22380	SKOWL POINT LIGHT	55-25-39.344N 132-16-10.932W	Fl W 4s	15	5	NR on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)							
Kasaan Bay							
22400	KASAAN LIGHT	55-32-04.674N 132-23-45.900W	Fl W 4s	12	6	NR on skeleton tower.	Obscured from 120.5° to 302.5°
22401	JARVIS ISLAND LIGHT 1	55-30-23.970N 132-33-37.116W	Fl G 4s	12	4	SG on spindle.	
22403	CLARK BAY LIGHT 2	55-29-56.406N 132-35-08.802W	Fl R 2.5s	8	4	TR on skeleton tower.	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	55-29-18.150N 132-37-04.614W				SG on pile.	
Clarence Strait							
22415	CAAMANO POINT LIGHT	55-29-54.606N 131-59-01.740W	Fl W 6s	41	6	NR on steel post.	Obscured from 124° to 276°.
22420	Niblack Point Daybeacon	55-33-00.739N 132-07-14.307W				NR on post.	
22425	SHIP ISLAND LIGHT	55-35-55.953N 132-12-11.029W	Fl W 4s	40	7	NR on skeleton tower.	Partially obscured by trees between island and main shore from 180° to 305°.
Thorne Bay							
22427	- ENTRANCE LIGHT 2	55-40-45.060N 132-27-30.192W	Fl R 6s	14	4	TR on skeleton tower.	Obscured from 135° to 243°.
22427.5	- LIGHT 3	55-40-42.960N 132-27-59.112W	Fl G 2.5s	15	4	SG on pile.	Obscured from 305° to 055°.
22428	- CHANNEL LIGHT 5	55-40-17.640N 132-28-34.452W	Fl G 4s	29	4	SG on pile.	
22428.5	- Daybeacon 6	55-40-01.554N 132-30-12.420W				TR on pile.	
22429	- SOUTH ARM LIGHT	55-39-38.850N 132-30-09.546W	Fl W 4s	22	5	NR on pile.	
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	55-40-33.756N 132-31-39.468W				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.
Clarence Strait							
22430	Misery Island Daybeacon 1	55-44-41.202N 132-16-36.084W				SG on post.	
22435	Meyers Chuck Daybeacon 3	55-44-33.989N 132-15-50.067W				SG on pile.	
22445	MEYERS CHUCK LIGHT 4	55-44-32.232N 132-15-46.326W	Fl 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	*McHenry Ledge Lighted Bell Buoy 2*	55-46-47.290N 132-18-15.468W	Fl R 2.5s		4	Red.	
22455	NARROW POINT LIGHT	55-47-27.402N 132-28-34.584W	Fl W 6s	35	6	NR on skeleton tower.	Obscured from 337° to 152°.
22460	RATZ HARBOR ENTRANCE LIGHT	55-53-15.666N 132-35-53.454W	Fl W 4s	20	5	NR on skeleton tower.	
ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)							
Clarence Strait							
22462	Burnett Inlet Buoy 2	56-03-53.942N 132-28-18.590W				Red nun.	Marks entrance to Burnett Inlet and 1 1/2 fathom shoal.
22465	Point Stanhope Buoy 2	56-00-07.101N 132-37-00.377W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)						
	Clarence Strait						
22466	*Coffman Cove Rocks Lighted Buoy 4*	56-00-50.654N 132-50-06.288W	Fl R 2.5s		3	Red.	
22467	*Coffman Cove Rocks Lighted Buoy 3*	56-01-04.658N 132-50-08.005W	Fl G 6s		3	Green.	
22468	COFFMAN COVE ROCKS LIGHT 2	56-01-13.620N 132-50-18.498W	Fl R 4s	32	3	TR on tower.	
22469	COFFMAN COVE ENTRANCE LIGHT	56-01-22.578N 132-49-38.310W	Fl W 2.5s	40	4	NR on tower.	
22470	LINCOLN ROCK WEST LIGHT	56-03-24.096N 132-41-51.294W	Fl W 6s	58	8	NR on skeleton tower on concrete base.	
22475	BECK ISLAND LIGHT	56-02-51.288N 132-51-45.372W	Fl W 4s	27	5	NR on skeleton tower.	Obscured from 340° to 061°.
	Whale Pass						
22477.5	- Daybeacon 1	56-08-13.590N 133-03-22.098W				SG on pile.	
22477.7	- Daybeacon 1A	56-07-42.054N 133-04-57.216W				SG on pile.	
22478	- Daybeacon 2	56-06-44.682N 133-04-05.574W				TR on pile.	
22478.5	- Daybeacon 3	56-06-35.292N 133-04-13.020W				SG on pile.	
22478.7	- Daybeacon 4	56-06-31.044N 133-04-26.040W				TR on pile.	
22479	- Daybeacon 5	56-06-25.734N 133-04-36.726W				SG on pile.	
22479.3	- Daybeacon 5A	56-06-23.568N 133-04-42.174W				SG on pile.	
22479.5	- Daybeacon 6	56-06-09.870N 133-05-28.998W				TR on pile.	
	Clarence Strait						
22480	KEY REEF LIGHT	56-09-36.798N 132-49-46.824W	Fl W 6s	43	6	NR on pile on truncated concrete pyramid.	
22485	Point Harrington Buoy 4	56-10-40.611N 132-44-21.513W				Red nun.	
22490	NESBITT REEF LIGHT	56-13-13.232N 132-51-50.077W	Fl W 2.5s	27	5	NR on pile.	
22495	KASHEVAROF PASSAGE LIGHT	56-10-46.717N 133-01-18.170W	Fl W 6s	27	6	NR on skeleton tower.	
22500	Kashevarof Passage Daybeacon 2	56-12-52.721N 133-01-20.173W				TR on pile.	
22505	*Snow Passage Lighted Buoy 4*	56-16-07.022N 132-56-34.855W	Fl R 6s		4	Red.	
22510	BUSHY ISLAND LIGHT	56-16-34.835N 132-57-34.617W	Fl W 4s	22	6	NR on skeleton tower on brown cylindrical base.	Obscured from 358° to 111°.
22515	*Snow Passage Lighted Buoy SP*	56-19-10.734N 133-05-18.192W	Fl (2+1)R 6s		4	Red and green bands.	
22520	ROOKERY ISLAND LIGHT	56-18-51.318N 133-06-20.604W	Fl W 4s	40	6	NR on skeleton tower.	Obscured from 353° to 097°.
22525	Bay Point Daybeacon BP	56-20-09.762N 133-09-47.346W				SG on pile.	
	Ernest Sound						
22530	EASTERLY ISLAND LIGHT	55-53-46.650N 132-05-27.426W	Fl W 4s	28	6	NR on skeleton tower.	
22535	Brownson Island Rock Daybeacon BI	55-55-57.306N 132-06-49.968W				SG on spindle.	
22540	SOUTH NIBLACK ISLANDS LIGHT	56-00-23.478N 132-05-28.260W	Fl W 2.5s	24	5	NR on square frame.	Higher intensity up and down channel.
22545	FOUND ISLAND LIGHT	56-06-10.962N 132-04-46.458W	Fl W 6s	34	7	NR on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)						
	Zimovia Strait						
22550	Found Island Rock Daybeacon	56-06-50.424N 132-04-25.428W				NR on spindle on concrete pier.	
22555	- LIGHT 2	56-11-02.634N 132-12-50.400W	Fl R 2.5s	23	4	TR on pile.	
22560	Trap Rock Buoy 3	56-11-15.091N 132-13-22.587W				Green can.	
22565	Button Island Shoal Buoy 5	56-12-04.528N 132-14-54.122W				Green can.	
22570	- LIGHT 6	56-12-13.858N 132-15-11.937W	Fl R 2.5s	24	4	TR on pile.	
22575	Double Rock Daybeacon 8	56-12-12.126N 132-15-32.922W				TR on pile.	
22580	- Buoy 9	56-11-51.727N 132-15-38.021W				Green can.	
22585	Zimovia Strait Buoy 10	56-11-55.327N 132-15-37.821W				Red nun.	
22590	Midchannel Rock Daybeacon	56-12-10.308N 132-16-16.614W				JR on single steel pile.	
22595	Village Rock Daybeacon 12	56-12-53.753N 132-17-38.094W				TR on single steel pile.	
22600	VILLAGE ISLANDS LIGHT 13	56-12-47.886N 132-18-06.378W	Fl G 4s	17	4	SG on pile.	
22605	Village Islands Rock Daybeacon 15	56-13-08.117N 132-19-04.933W				SG on post on concrete pier.	
22607	- Daybeacon	56-21-33.144N 132-22-00.654W				NR on spindle.	
22610	HAT ISLAND LIGHT	56-22-30.753N 132-25-36.068W	Fl W 4s	23	6	NR on skeleton tower.	Obscured from 091° to 234°.
	Shoemaker Bay						
22615	- SMALLBOAT HARBOR LIGHT 1	56-25-01.866N 132-21-10.560W	Fl G 4s	22	4	SG on pile.	
22620	- SMALLBOAT HARBOR LIGHT 2	56-25-00.066N 132-21-08.660W	Fl R 2.5s	20	3	TR on pile.	
	Wrangell Harbor						
22630	- BREAKWATER LIGHT 2	56-28-01.177N 132-23-08.610W	Fl R 4s	21	5	TR on skeleton tower.	
22631	CEMETERY POINT LIGHT 1	56-27-34.254N 132-23-07.338W	Fl G 6s	24	3	SG on skeleton tower.	
22632	CEMETERY POINT LIGHT 2	56-27-31.998N 132-23-04.512W	Fl 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	56-27-50.094N 132-22-47.550W				TR on pile.	
22645	- Daybeacon 5	56-27-52.857N 132-22-46.065W				SG on pile.	
22650	- Daybeacon 6	56-27-51.864N 132-22-43.920W				TR on pile.	
22655	- Daybeacon 7	56-27-54.354N 132-22-45.042W				SG on pile.	
22665	Point Highfield Reef Daybeacon	56-28-57.174N 132-23-45.042W				NR on pile.	
	Blake Channel						
22670	- LIGHT 1	56-12-36.040N 131-55-19.884W	Fl G 4s	28	4	SG on skeleton tower.	Higher intensity beam up channel.
22675	- LIGHT 2	56-20-41.580N 132-00-20.381W	Fl R 4s	17	5	TR on skeleton tower.	Higher intensity beam down channel. Obscured from 133° to 233°.
22678	THE NARROWS LIGHT 4	56-22-35.781N 132-05-23.768W	Fl R 2.5s	8	4	TR on spinldle.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)							
Eastern Passage							
22680	THE NARROWS LIGHT 5	56-21-48.936N 132-06-43.398W	Fl G 2.5s	12	3	SG on pile.	
22685	- LIGHT 7	56-22-07.296N 132-10-17.886W	Fl G 4s	24	4	SG on skeleton tower.	Higher intensity beam up channel.
22687	AIRPORT RUNWAY ROCK LIGHT	56-29-05.856N 132-21-16.266W	Fl W 6s	15	5	NR on spindle.	
22690	- LIGHT	56-29-37.956N 132-22-11.916W	Fl W 2.5s	13	6	NR on skeleton tower.	
Stikine Strait							
22695	STEAMER POINT LIGHT	56-13-22.613N 132-42-49.115W	Fl W 4s	30	5	NR on skeleton tower.	Obscured from 213° to 017°.
22700	ROUND POINT LIGHT	56-16-39.926N 132-39-27.100W	Fl W 6s	24	5	NR on spindle.	Obscured from 006.5° to 201.5°
22705	SOUTH CRAIG POINT LIGHT	56-23-24.180N 132-37-20.358W	Fl W 2.5s	24	5	NR on pile.	Obscured from 006° to 178°.
22710	POINT ANCON LIGHT	56-24-18.090N 132-33-19.302W	Fl W 6s	20	6	NR on square frame.	Obscured from 214° to 014°.
22715	Woronkofski Point Daybeacon	56-26-20.705N 132-28-50.860W				NR on skeleton tower.	
22720	VANK ISLAND LIGHT	56-26-54.901N 132-35-59.873W	Fl W 4s	24	7	NR on pile.	Obscured from 110° to 264°.
22725	FIVE MILE ISLAND LIGHT	56-28-14.292N 132-30-43.408W	Fl W 4s	34	5	NR on pile.	Obscured from 329° to 100°.
Sumner Strait							
22730	POINT COLPOYS LIGHT	56-20-10.729N 133-11-54.211W	Fl W 6s	19	6	NR on skeleton tower.	Obscured from 302° to 102°.
22735	*Mc Arthur Reef Lighted Bell Buoy MR*	56-23-37.036N 133-10-38.415W	Fl (2+1)G 6s		4	Green and red bands.	
22740	*Mitchell Point Lighted Buoy 9*	56-25-23.341N 133-10-45.820W	Fl G 6s		4	Green.	
22745	VICHNEFSKI ROCK LIGHT	56-26-18.179N 133-00-55.803W	Fl W 4s	33	6	NR on skeleton tower.	1 1/4 fathom rock, 630 yards 214° from light.
22750	*Level Island Lighted Buoy 11*	56-27-04.752N 133-02-29.301W	Fl G 4s		4	Green.	
22755	Low Point Daybeacon	56-27-28.902N 132-55-39.678W				NR on square frame.	
22760	STATION ISLAND LIGHT	56-29-39.546N 132-45-48.287W	Fl W 2.5s	19	5	NR on square frame structure.	
22765	CRAIG POINT LIGHT	56-27-23.881N 132-42-57.202W	Fl W 6s	11	7	NR on square frame.	Obscured from 301° to 096°.
22770	TWO TREE ISLAND LIGHT	56-29-39.164N 132-38-03.685W	Fl W 6s	22	6	NR on pile.	
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	56-31-29.027N 132-42-13.075W				Green	
22773.2	*Blind Slough Lighted Buoy 2*	56-31-35.060N 132-42-03.970W	Fl R 2.5s		3	Red	
22773.21	BLIND SLOUGH FERRY DOCK EAST LIGHT	56-31-53.960N 132-42-46.900W	Fl W 4s	43		On dolphin.	Private aid.
22773.22	BLIND SLOUGH FERRY DOCK WEST LIGHT	56-31-55.560N 132-42-50.340W	Fl W 4s	31		On dolphin.	Private aid.
22773.3	Blind Slough Buoy 3	56-31-55.903N 132-43-07.997W				Green	
Dry Strait							
22775	- LIGHT 1	56-35-01.754N 132-32-33.349W	Fl G 4s	29	4	SG on skeleton tower.	
22780	- Daybeacon 3	56-36-28.775N 132-33-06.111W				SG on skeleton tower.	
22785	- LIGHT 5	56-38-11.106N 132-36-43.992W	Fl G 6s	17	4	SG on square frame.	

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			ALASKA - Seventeenth District				
	ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)						
	Duncan Canal						
22790	Foremost Rock Daybeacon	56-30-06.956N 133-00-20.730W				NR on post.	
22795	BUTTERWORTH ISLAND LIGHT 2	56-32-12.618N 133-04-31.373W	Fl R 2.5s	21	4	TR on frame structure.	
22800	Duncan Daybeacon 3	56-32-27.948N 133-05-25.512W				SG on frame structure.	
22815	- LIGHT 4	56-34-47.172N 133-04-27.390W	Fl R 4s	15	3	TR on skeleton tower.	Obscured from 270° to 005°.
22820	- Daybeacon	56-38-34.560N 133-05-57.198W				NR on spindle.	
22821	Syd's Rock Daybeacon	56-35-46.932N 133-00-55.596W				NR on pile	
	Wrangell Narrows						
22825	POINT ALEXANDER LIGHT	56-30-32.808N 132-57-00.786W	Fl W 4s	17	7	NR on skeleton tower.	Obscured from 162° to 293°.
22830	MIDWAY ROCK LIGHT MR	56-31-47.670N 132-57-54.816W	Fl (2+1)R 6s	16	4	JR on skeleton tower.	
22835	DECEMBER POINT LIGHT DP	56-32-52.152N 132-57-40.368W	Fl R 6s	15	4	TR on pile.	
22840	POINT LOCKWOOD LIGHT PL	56-33-21.396N 132-57-51.165W	Fl G 4s	15	4	SG on skeleton tower.	Obscured from 027° to 166°.
22845	- CHANNEL LIGHT 1	56-33-57.300N 132-58-08.808W	Fl G 2.5s	22	3	SG on concrete pier.	
22850	- CHANNEL LIGHT 2	56-34-05.970N 132-58-10.380W	Fl R 2.5s	22	3	TR on steel pile structure.	
22855	- *Channel Lighted Buoy 2A*	56-34-12.244N 132-58-18.985W	Fl R 2.5s		3	Red.	
22860	- *Channel Lighted Buoy 3*	56-34-14.544N 132-58-30.085W	Fl G 2.5s		3	Green.	
22863	- Daybeacon 4	56-34-21.600N 132-58-24.000W				TR on steel pile.	
22865	- LIGHT 4A	56-34-29.186N 132-58-27.247W	Fl R 2.5s	18	3	TR on cylindrical base.	
22870	- *Channel Lighted Buoy 5*	56-34-33.343N 132-58-35.684W	Fl G 4s		4	Green.	
22875	- Tow Channel Buoy 1TC	56-34-12.044N 132-58-03.885W				Green can.	
22880	- Tow Channel Buoy 3TC	56-34-23.372N 132-58-10.356W				Green can.	
22885	- Tow Channel Buoy 4TC	56-34-43.643N 132-58-21.384W				Red nun.	
22890	- CHANNEL LIGHT 7	56-34-51.704N 132-58-38.699W	Fl G 2.5s	16	3	SG on skeleton tower.	
22895	- CHANNEL LIGHT 8	56-35-38.937N 132-58-27.736W	Fl R 2.5s	9	3	TR on dolphin.	
22900	BURNT ISLAND RANGE FRONT LIGHT	56-36-26.114N 132-58-37.382W	F Y	10		KRW on multi-pile steel structure.	Visible 4° each side of rangeline.
22905	BURNT ISLAND RANGE REAR LIGHT 354 yards, 356° from front light.	56-36-36.563N 132-58-38.747W	F Y	26		KRW on dolphin.	Visible 4° each side of rangeline.
22910	- *Channel Lighted Buoy 9*	56-35-55.238N 132-58-36.180W	Fl G 4s		4	Green.	
22915	- CHANNEL LIGHT 10	56-36-07.472N 132-58-32.406W	Q R	15	3	TR on steel pile structure.	
22916	- Daybeacon 10A	56-36-14.652N 132-58-29.040W				TR on steel pile.	
22920	- CHANNEL LIGHT 11	56-36-26.281N 132-58-31.474W	Fl G 2.5s	15	3	SG on pyramid.	
22925	- Channel Buoy 13	56-36-35.736N 132-58-25.078W				Green can.	
22930	- Channel Buoy 13A	56-36-40.735N 132-58-21.478W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)						
	Wrangell Narrows						
22935	- CHANNEL LIGHT 14	56-36-40.392N 132-58-15.462W	Fl R 2.5s	15	3	TR on steel pile structure.	
22940	BUSH TOP ISLAND RANGE FRONT LIGHT	56-37-52.744N 132-57-06.536W	F Y	15		KRW on steel pile structure.	Visible 4° each side of rangeline.
22945	BUSH TOP ISLAND RANGE REAR LIGHT 460.3 yards, 029° from front light.	56-38-04.643N 132-56-54.553W	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	Fl W 2.5s	10		On pile.	Private aid.
22950	- CHANNEL LIGHT 15	56-37-23.423N 132-57-39.949W	Fl G 2.5s	15	3	SG on steel pile structure.	
22955	- CHANNEL LIGHT 16	56-37-23.892N 132-57-31.386W	Fl R 2.5s	15	3	TR on steel pile structure.	
22960	- CHANNEL LIGHT 17	56-37-40.614N 132-57-17.304W	Fl G 2.5s	15	3	SG on steel pile structure.	
22965	- CHANNEL LIGHT 18	56-37-49.813N 132-56-54.105W	Fl R 2.5s	19	3	TR on white truncated concrete structure.	
22970	- CHANNEL LIGHT 19	56-38-00.508N 132-56-49.776W	Fl G 2.5s	20	3	SG on steel structure, on cylindrical concrete pier.	
22975	- CHANNEL LIGHT 21	56-38-19.772N 132-56-02.344W	Q G	15	3	SG on steel pile structure.	
22980	BLIND POINT RANGE FRONT LIGHT	56-38-34.369N 132-55-25.118W	F Y	17		KRW on steel pile structure.	Visible 4° each side of rangeline.
22985	BLIND POINT RANGE REAR LIGHT 281.5 yards, 050.4° from front light.	56-38-39.675N 132-55-13.480W	F Y	31		KRW on steel pile structure.	Visible 4° each side of rangeline.
22990	- CHANNEL LIGHT 25	56-38-47.094N 132-55-20.712W	Fl G 2.5s	15	3	SG on pile structure.	
22995	- *Channel Lighted Buoy 26*	56-38-48.228N 132-55-13.085W	Fl R 4s		3	Red.	
23000	- CHANNEL LIGHT 27	56-38-54.700N 132-55-18.319W	Fl G 2.5s	15	3	SG on dolphin.	
23005	- *Channel Lighted Buoy 28*	56-39-02.028N 132-55-11.286W	Fl R 4s		3	Red.	
23010	- *Channel Lighted Buoy 29*	56-39-07.729N 132-55-19.986W	Fl G 2.5s		3	Green.	
23015	- Tow Channel Buoy 5TC	56-38-46.929N 132-55-35.985W				Green can.	Used by tows with a draft of 9 feet or less.
23020	- Tow Channel Buoy 7TC	56-39-13.640N 132-55-26.401W				Green can.	Used by tows with a draft of 9 feet or less.
23025	- CHANNEL LIGHT 31	56-39-20.335N 132-55-32.801W	Q G	13	3	SG on pile on concrete pier.	
23030	- CHANNEL LIGHT 32	56-39-23.556N 132-55-28.118W	Q R	15	3	TR on steel pile structure.	
23035	- CHANNEL LIGHT 32A	56-39-32.112N 132-55-36.264W	Fl R 4s	15	3	TR on steel pile structure.	
23040	- *Channel Lighted Buoy 33*	56-39-30.029N 132-55-42.388W	Fl G 4s		4	Green.	
23045	- CHANNEL LIGHT 34	56-39-40.368N 132-55-41.508W	Fl R 2.5s	15	3	TR on dolphin.	
23050	- *Channel Lighted Buoy 36*	56-39-52.029N 132-55-46.989W	Fl R 4s		3	Red.	
23055	- CHANNEL LIGHT 37	56-39-58.381N 132-55-55.574W	Q G	21	3	SG on skeleton tower on concrete pier.	
23060	- CHANNEL LIGHT 38	56-40-08.299N 132-55-56.833W	Fl R 2.5s	15	3	TR on dolphin.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)						
	Wrangell Narrows						
23065	- Channel Daybeacon 39	56-40-06.240N 132-56-05.088W				SG on spindle on pyramid.	
23070	- CHANNEL LIGHT 40	56-40-15.594N 132-56-04.676W	Fl R 2.5s	21	3	TR on skeleton tower on concrete pier.	
23075	- *Channel Lighted Buoy 42*	56-40-23.030N 132-56-12.492W	Fl R 4s		3	Red.	
23080	- CHANNEL LIGHT 43	56-41-00.191N 132-56-43.808W	Q G	13	3	SG on dolphin.	
23085	- CHANNEL LIGHT 44	56-41-04.158N 132-56-38.664W	Fl R 2.5s	15	3	TR on steel pile structure.	
23090	- *Channel Lighted Buoy 46*	56-41-27.930N 132-56-58.698W	Fl R 2.5s		3	Red.	
23095	- CHANNEL LIGHT 47	56-41-32.070N 132-57-08.100W	Fl G 2.5s	15	3	SG on steel pile structure.	
23100	- CHANNEL LIGHT 48	56-41-41.110N 132-57-01.652W	Fl R 2.5s	15	3	TR on dolphin.	
23105	- CHANNEL LIGHT 49	56-42-06.692N 132-57-02.870W	Q G	12	4	SG on dolphin.	
23110	- CHANNEL LIGHT 50	56-42-16.272N 132-56-53.154W	Fl R 2.5s	15	4	TR on steel pile structure.	
23120	- CHANNEL LIGHT 51	56-44-17.684N 132-57-27.197W	Fl G 6s	43	5	SG on skeleton tower.	Obscured from 349° to 148°.
23123	Beckhams Beach Daybeacon 51A	56-46-12.516N 132-58-41.760W				SG on pile.	
23125	- CHANNEL LIGHT 52	56-46-52.404N 132-58-51.400W	Fl R 4s	13	4	TR on pile structure.	Higher intensity beam down channel.
23130	REID LANDING DOCK LIGHT	56-46-56.381N 132-58-39.782W	F R	14		On post.	Private aid.
23135	- *Channel Lighted Buoy 53*	56-48-00.247N 132-59-12.916W	Fl G 4s		4	Green.	
23140	PETERSBURG CREEK RANGE FRONT LIGHT	56-48-28.297N 132-59-15.871W	F Y	10		KRW on dolphin.	Visible 4° each side of rangeline.
23145	PETERSBURG CREEK RANGE REAR LIGHT 340.6 yards, 353.2° from front light.	56-48-38.297N 132-59-18.059W	F Y	24		KRW on dolphin.	Visible 4° each side of rangeline.
23150	- CHANNEL LIGHT 54	56-48-12.523N 132-59-08.578W	Fl R 2.5s	15	3	TR on steel pile structure.	
23155	- CHANNEL LIGHT 56	56-48-21.515N 132-59-05.819W	Q R	15	3	TR on pile structure.	
23160	- CHANNEL LIGHT 58	56-48-28.807N 132-58-56.938W	Fl R 2.5s	15	3	TR on steel pile structure.	
23165	PETERSBURG BAR RANGE FRONT LIGHT	56-48-22.489N 132-59-22.960W	F Y	13		KRW on steel pile structure.	Visible 4° each side of rangeline.
23170	PETERSBURG BAR RANGE REAR LIGHT 504 yards, 235.5° from front light.	56-48-14.043N 132-59-45.338W	F Y	30		KRW on pile structure.	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.
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*	56-48-54.952N 132-58-01.506W	Fl 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*	56-49-02.127N 132-57-29.134W	Fl R 2.5s		4	Red.	

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	ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)						
	Wrangell Narrows						
23200	- Channel Daybeacon 61	56-49-31.272N 132-56-44.346W				SG on post.	
23205	- *Channel Lighted Buoy 62*	56-49-34.856N 132-56-04.295W	Fl R 4s		4	Red.	
23210	- *North Entrance Lighted Bell Buoy WN*	56-49-46.060N 132-55-47.487W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
	Frederick Sound						
23215	SUKOI ISLETS LIGHT	56-53-44.010N 132-56-38.550W	Fl W 4s	18	6	NR on skeleton tower on concrete pier.	Obscured from 177° to 329°.
23220	Beacon Point Daybeacon BP	56-56-22.143N 132-59-44.920W				SG on skeleton tower.	
23225	*Thomas Bay Entrance Lighted Bell Buoy 2*	56-59-06.181N 132-57-51.798W	Fl R 6s		4	Red.	
23230	Thomas Bay Entrance Buoy 1	56-59-16.382N 132-58-16.099W				Green can.	
23235	Thomas Bay Buoy 4	56-59-52.982N 132-57-41.498W				Red nun.	
23240	CAPE STRAIT LIGHT	56-59-53.233N 133-05-32.139W	Fl W 6s	30	6	NR on skeleton tower.	Obscured from 314.5° to 120°.
23245	GRAND POINT LIGHT	57-05-27.750N 133-11-12.569W	Fl W 4s	16	7	NR on pile.	Obscured from 189° to 305°.
23250	PORTAGE BAY LIGHT 3	57-00-15.360N 133-19-32.376W	Fl G 4s	16	5	SG on skeleton tower.	Obscured from 201° to 329°.
23255	Portage Bay Daybeacon 2	57-00-29.988N 133-19-45.696W				TR on skeleton tower.	
23260	CAPE FANSHAW LIGHT	57-11-07.206N 133-34-25.566W	Fl W 4s	33	7	NR on skeleton tower.	Obscured from 210° to 299°.
	Stephens Passage						
23265	BIRD ROCK LIGHT 2	57-12-28.836N 133-35-24.300W	Fl R 2.5s	30	5	TR on skeleton tower.	
23270	DUCK POINT LIGHT	57-12-41.790N 133-30-59.046W	Fl W 6s	17	6	NR on skeleton tower.	Obscured from 140° to 257°.
23275	BILL POINT LIGHT	57-15-04.020N 133-32-35.568W	Fl W 4s	12	6	NR on pile.	Obscured from 264° to 338°.
23280	**Five Finger Light**	57-16-13.445N 133-37-53.412W	Fl W 10s	81	18	60	Emergency light Fl W 6s of reduced intensity when main light is extinguished.
	Sumner Strait						
23285	*Five Fathom Shoal Lighted Buoy F*	56-21-50.927N 133-14-03.222W	Fl (2+1)R 6s		4	Red and green bands.	
23290	THE EYE OPENER LIGHT	56-23-09.300N 133-16-36.450W	Fl W 2.5s	34	7	NR on skeleton tower on brown cylindrical base.	
23295	POINT BAKER LIGHT	56-21-32.648N 133-37-05.196W	Fl W 6s	20	6	NR on skeleton tower.	
23300	Point Baker Anchorage Daybeacon	56-21-20.096N 133-37-08.812W				NR on small house.	
23305	*Helm Rock Lighted Buoy 8*	56-22-09.096N 133-38-33.520W	Fl R 4s		4	Red.	
	Keku Strait						
23305.1	- ENTRANCE LIGHT	56-31-38.034N 133-43-48.798W	Fl W 6s	20	4	NR on pile.	
23305.2	- Daybeacon 2	56-33-55.428N 133-43-25.020W				TR on pile.	
23305.3	- Daybeacon 4	56-34-48.252N 133-42-48.996W				TR on pile.	
23305.35	- Daybeacon 4A	56-34-59.124N 133-42-32.412W				TR on pile.	
23305.4	- Daybeacon 6	56-35-09.252N 133-42-07.500W				TR on pile.	

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			ALASKA - Seventeenth District				
ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)							
Keku Strait							
23305.5	- Daybeacon 8	56-35-38.604N 133-40-54.726W				TR on pile.	
23305.6	- Daybeacon 9	56-36-31.134N 133-41-05.328W				SG on pile.	
23305.7	- Daybeacon 10	56-36-40.470N 133-41-00.390W				TR on pile.	
23305.8	- Daybeacon 11	56-37-12.294N 133-40-55.014W				SG on pile.	
23305.9	- Daybeacon 13	56-38-03.966N 133-41-07.170W				SG on pile.	
23305.95	- Buoy 14	56-38-10.449 N 133-41-09.651 W				Red nun.	
23306	- Daybeacon 15	56-38-08.634N 133-41-13.830W				SG on pile.	
23306.1	- Daybeacon 17	56-38-09.924N 133-41-40.728W				SG on pile.	
23306.15	- Daybeacon 17A	56-38-13.038N 133-42-16.164W				SG on pile.	
23306.2	- Daybeacon 18	56-38-28.806N 133-42-18.870W				TR on pile.	
23306.3	- Daybeacon 19	56-38-32.892N 133-42-31.992W				SG on pile.	
23306.4	- Daybeacon 21	56-39-25.284N 133-43-13.140W				SG on pile.	
23306.5	- Daybeacon 22	56-39-36.714N 133-43-11.598W				TR on pile.	
23306.6	- Daybeacon 23	56-39-56.028N 133-43-51.006W				SG on pile.	
23306.65	- Buoy 24	56-40-01.312N 133-43-52.941W				Red nun.	
23306.7	- Daybeacon 25	56-40-07.314N 133-44-04.074W				SG on pile.	
23306.8	- Daybeacon 26	56-40-21.288N 133-44-00.516W				TR on pile.	
23306.83	- Daybeacon 26A	56-40-40.410N 133-43-53.352W				TR on pile.	
23306.85	- Daybeacon 27	56-40-58.266N 133-44-02.976W				SG on pile.	
23306.86	- Daybeacon 28	56-41-03.570N 133-44-04.122W				TR on pile.	
23306.9	- Daybeacon 29	56-41-13.122N 133-44-13.620W				SG on pile.	
23307	- Daybeacon 30	56-41-21.846N 133-44-16.272W				TR on pile.	
23307.05	- Daybeacon 31	56-41-28.116N 133-44-20.286W				SG on pile.	
23307.1	- Daybeacon 32	56-41-41.400N 133-44-00.618W				TR on pile.	
23307.2	- Daybeacon 33	56-41-57.720N 133-43-53.280W				SG on pile.	
23307.3	- Daybeacon 34	56-42-10.800N 133-43-54.720W				TR on pile.	
23307.35	- Daybeacon 34A	56-42-46.080N 133-44-01.740W				TR on pile.	
23307.4	- Daybeacon 35	56-42-39.960N 133-44-08.880W				SG on pile.	
23307.5	- Daybeacon 36	56-43-15.000N 133-44-31.860W				TR on pile.	
23307.6	- Daybeacon 37	56-46-42.360N 133-43-40.740W				SG on pile.	
23307.7	- Daybeacon 39	56-47-11.580N 133-44-46.020W				SG on pile.	
23307.8	- Daybeacon 41	56-47-18.600N 133-45-53.820W				SG on pile.	

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			ALASKA - Seventeenth District				
ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)							
Keku Strait							
23307.9	- Daybeacon 42	56-47-32.340N 133-46-08.940W				TR on pile.	
23308	- Daybeacon 43	56-48-17.160N 133-47-54.180W				SG on pile.	
23308.1	ENTRANCE ISLAND LIGHT	56-48-38.825N 133-47-50.446W	Fl W 2.5s	20	5	NR on skeleton tower.	
23310	SALT POINT LIGHT	56-50-41.239N 133-52-00.706W	Fl W 6s	17	3	NR on pile.	Obscured from 168° to 259°.
Kake Harbor							
23315	KAKE ENTRANCE LIGHT 2	56-59-05.370N 134-01-17.682W	Fl R 2.5s	27	5	TR on spindle.	
23320	Kake Flats Buoy 5	56-58-13.557N 133-57-17.222W				Green can.	
23325	- LIGHT 7	56-58-15.246N 133-56-56.934W	Fl G 2.5s	25	4	SG on spindle.	
23327	*Kake Channel Lighted Buoy 3*	56-59-20.000N 133-59-30.000W	Fl G 4s		4	Green.	
23330	- Daybeacon 1	56-58-23.187N 133-56-50.802W				SG on post.	
23335	Kake Cannery Flats Buoy 9	56-57-51.747N 133-56-11.911W				Green can.	
23337	KAKE SALMON PEN LIGHT	56-57-57.000N 133-55-41.000W	Fl W 2.5s	10		On small house.	Maintained from May 1 to Sept. 30. Private aid.
23340	- LIGHT	56-57-38.632N 133-57-10.093W	Fl W 4s	16	5	NR on square frame.	Obscured from 285° to 097°.
23342	KAKE FERRY TERMINAL NORTH LIGHT	56-57-42.000N 133-55-19.000W	Fl 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.
Portage Pass							
23350	- LIGHT 10	56-57-24.709N 133-55-26.169W	Fl R 4s	15	4	TR on pile.	
23355	- Daybeacon 11	56-57-02.897N 133-54-23.449W				SG on pile.	
23360	- LIGHT 13	56-56-46.548N 133-53-55.867W	Fl G 2.5s	15	3	SG on skeleton tower.	
Burnt Island Channel							
23361	- Daybeacon 2	56-56-43.134N 133-56-05.910W				TR on pile.	
23362	- Daybeacon 4	56-56-45.324N 133-55-14.202W				TR on pile.	
23363	- Daybeacon 3	56-56-49.128N 133-55-33.546W				SG on pile.	
Sumner Strait							
23365	*Strait Island Lighted Bell Buoy 7*	56-22-25.193N 133-42-00.735W	Fl G 6s		4	Green.	
23370	WEST ROCK LIGHT	56-21-12.426N 133-38-14.328W	Fl W 2.5s	20	6	NR on skeleton tower.	
23375	Port Protection Daybeacon	56-20-14.679N 133-38-07.508W				NR on single steel pile.	
23380	PORT PROTECTION LIGHT	56-19-34.677N 133-36-45.494W	Fl W 6s	19	6	NR on pile.	Obscured from 290° to 095°.
23385	BEAUCLERC ISLAND LIGHT	56-15-26.834N 133-51-15.980W	Fl W 2.5s	30	6	NR on skeleton tower.	Obscured from 049° to 186°.
23390	*Calder Rocks Lighted Whistle Buoy 6*	56-15-36.284N 133-43-22.705W	Fl R 4s		5	Red.	
23395	*Barrier Island Lighted Bell Buoy 4*	56-12-36.181N 133-42-03.881W	Fl R 6s		4	Red	

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	ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)						
	Sumner Strait						
23400	*Amelius Island Shoal Lighted Buoy 5*	56-10-11.476N 133-49-42.664W	Fl G 2.5s		4	Green.	
	Shakan Bay						
23405	- LIGHT	56-08-56.650N 133-37-32.995W	Fl W 4s	25	6	NR on skeleton tower on small house.	Obscured from 314° to 048°.
23410	Hamilton Island Daybeacon	56-07-51.521N 133-34-14.477W				NR on square frame.	
23415	Shakan Strait Daybeacon	56-07-45.151N 133-30-19.353W				NR on square frame.	
23416	Shakan Strait Buoy SS	56-07-42.055N 133-29-59.217W				Green and red bands.	
23417	Shakan Strait Buoy 1	56-09-14.040N 133-28-45.182W				Green can.	
23418	Shakan Strait Buoy 2	56-09-19.691N 133-28-32.495W				Red nun.	
23419	Shakan Strait Buoy 4	56-09-39.976N 133-28-30.390W				Red nun.	
	Sumner Strait						
23420	*Point St Albans Reef Lighted Whistle Buoy 3*	56-05-11.639N 133-54-35.243W	Fl G 4s		4	Green.	
23425	FISHERMANS HARBOR LIGHT	55-58-01.560N 133-47-42.714W	Fl W 4s (R Sector)	17	W 6 R 4	NR on skeleton tower.	Red sector from 150° to 197°.
23430	Fishermans Harbor Daybeacon 1	55-58-19.956N 133-47-59.670W				SG on spindle.	
23435	LEMON POINT ROCK LIGHT	56-04-22.200N 134-06-42.496W	Fl W 6s	26	5	NR on skeleton tower.	
23440 1020	**Cape Decision Light**	56-00-05.237N 134-08-09.496W	Fl W 5s	96	18	60	Obscured from 134° to 245°. Emergency light Fl W 6s of reduced intensity when main light is extinguished.
23445	SPANISH ISLANDS LIGHT	55-59-13.212N 134-06-16.596W	Fl W 6s	38	7	NR on skeleton tower.	Obscured from 263° to 061°.
23450 1015	HELM POINT LIGHT	55-49-35.358N 134-16-11.436W	Fl W 6s	140	6	NR on skeleton tower.	Obscured from 067° to 188°.
	CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)						
	Chatham Strait						
23455	POINT CROWLEY LIGHT	56-07-11.016N 134-15-32.017W	Fl W 4s	45	6	NR on skeleton tower.	Obscured from 174° to 330°.
23460 1025	CAPE OMMANEY LIGHT	56-09-36.780N 134-39-39.960W	Fl W 6s	195	8	NR on monopile.	Obscured from 061° to 293°.
	Port Alexander						
23465	- LIGHT	56-14-23.124N 134-38-58.626W	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	56-14-25.631N 134-38-53.354W				Red nun.	
23475	- RANGE FRONT LIGHT	56-14-40.666N 134-39-08.073W	Q G	24		KRW on skeleton tower on concrete pier.	Visible all around.
23480	- RANGE REAR LIGHT 65 yards, 334° from front light.	56-14-42.625N 134-39-09.794W	Iso G 6s	40		KRW on skeleton tower on concrete pier.	Visible all around.
	Chatham Strait						
23485	POINT HARRIS LIGHT	56-17-24.737N 134-17-57.531W	Fl W 6s	32	7	NR on skeleton tower.	Obscured from 180° to 313°.
23490	PORT WALTER LIGHT	56-23-14.790N 134-38-11.298W	Fl W 4s	20	6	NR on skeleton tower.	Obscured from 308° to 037°.
23495	TEBENKOF BAY LIGHT 1	56-27-05.250N 134-08-23.850W	Fl G 4s	14	4	SG on skeleton tower.	

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	CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)						
	Chatham Strait						
23500	Tebenkof Bay Daybeacon 3	56-25-38.790N 134-06-27.498W				SG on post on pyramidal concrete pier.	
23505	PATTERSON POINT LIGHT	56-32-23.178N 134-38-16.350W	Fl W 2.5s	50	6	NR on spindle.	
23510	POINT ELLIS LIGHT	56-34-00.144N 134-19-59.490W	Fl W 4s	30	7	NR on spindle.	
23515	WASHINGTON BAY LIGHT	56-43-06.828N 134-23-30.210W	Fl W 4s	33	6	NR on spindle.	
23520	HOGGATT BAY LIGHT	56-45-51.018N 134-39-22.278W	Fl W 2.5s	40	5	NR on skeleton tower.	Obscured from 307° to 134°.
23525	KINGSMILL POINT LIGHT	56-50-35.562N 134-25-14.754W	Fl W 6s	25	6	NR on pile.	Obscured from 201° to 006°.
23530	POINT GARDNER LIGHT	57-00-36.186N 134-36-57.750W	Fl W 4s	65	7	NR on skeleton tower.	
23535	*Yasha Island Shoal Lighted Buoy 2*	56-58-52.784N 134-34-36.285W	Fl R 6s		4	Red.	
	Frederick Sound						
23540	SECURITY BAY LIGHT 1	56-52-35.520N 134-22-24.060W	Fl G 4s	32	4	SG on skeleton tower.	Obscured from 235° to 323°.
23545	CORNWALLIS POINT LIGHT	56-55-54.942N 134-16-24.678W	Fl W 4s	34	6	NR on spindle.	Obscured from 140° to 315°.
23550	POINT MACARTNEY LIGHT	57-01-29.657N 134-03-31.092W	Fl W 6s	20	6	NR on pile.	Obscured from 200° to 329°.
23555	WEST PINTA ROCKS LIGHT	57-05-10.432N 134-00-43.131W	Fl W 2.5s	30	6	NR on pile.	
23560	East Pinta Rocks Buoy 1	57-05-32.686N 133-58-27.339W				Green can.	
23565	DEEPWATER POINT LIGHT	57-10-19.148N 134-14-09.473W	Fl W 4s	17	5	NR on skeleton tower.	Obscured from 180° to 288°.
23570	TURNABOUT ISLAND LIGHT	57-07-55.446N 133-59-15.822W	Fl W 4s	23	6	NR on spindle.	Obscured from 270° to 048°.
	ETOLIN ISLAND TO MIDWAY ISLAND (Chart 17360)						
	Pybus Bay						
23575	GRAVE ISLAND LIGHT	57-15-59.412N 134-04-59.952W	Fl W 4s	18	6	NR on spindle.	Obscured from 031° to 167°.
23580	ROUND ROCK LIGHT	57-15-35.192N 133-56-13.240W	Fl W 6s	49	6	NR on skeleton tower.	
	Stephens Passage						
23585	False Point Pybus Daybeacon	57-21-06.564N 133-52-33.120W				NR on skeleton tower.	
23590	*McDonald Rock Lighted Buoy MR*	57-25-06.269N 133-37-49.721W	Fl (2+1)R 6s		4	Red and green bands.	
23595	HOBART BAY LIGHT 2	57-23-57.054N 133-27-56.118W	Fl R 4s	30	4	TR on steel post.	
23600	POINT GAMBIER LIGHT	57-26-07.812N 133-50-26.586W	Fl W 4s	38	6	NR on skeleton tower.	Obscured from 083° to 217°.
23605	GAMBIER BAY ENTRANCE LIGHT 2	57-27-53.862N 133-55-13.440W	Fl R 6s	16	4	TR on skeleton tower.	
23610	WINDHAM BAY ENTRANCE LIGHT	57-33-42.120N 133-32-35.922W	Fl W 6s	35	6	NR on small house.	
23615	POINT HUGH LIGHT	57-37-11.868N 133-48-25.602W	Fl W 6s	34	6	NR on skeleton tower.	Obscured from 351.5° to 173°.
23620	WOOD SPIT LIGHT	57-44-17.901N 133-34-30.328W	Fl W 2.5s	27	5	NR on tower on concrete base.	
23625	HOLKHAM BAY RANGE FRONT LIGHT	57-46-03.402N 133-38-40.110W	Q W	25		KRW on skeleton tower.	Light maintained from May 1 to Oct. 1.
23630	HOLKHAM BAY RANGE REAR LIGHT 50 yards, 211.3° from front light.	57-46-01.746N 133-38-41.004W	F W	48		KRW on skeleton tower.	Light 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
			ALASKA - Seventeenth District				
	ETOLIN ISLAND TO MIDWAY ISLAND (Chart 17360)						
	Stephens Passage						
23631	Holkham Bay Buoy 1	57-46-57.713N 133-37-54.105W				Green can.	Maintained from May 1 to Oct. 1.
23632	Holkham Bay Buoy 2	57-46-48.111N 133-37-31.631W				Red nun.	Maintained from May 1 to Oct. 1.
23633	Tracy Arm Daybeacon	57-47-28.628N 133-37-52.866W				NB on Pile	Radar Reflector
23635	TRACY ARM LIGHT	57-49-23.574N 133-34-27.365W	Oc WRG 6s (RWG Sectors)	18	R 6 G 6 W 6	NR on tower.	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.
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)						
	Stephens Passage						
23640	MIDWAY ISLANDS LIGHT	57-50-12.201N 133-48-50.700W	Fl W 4s	83	6	NR on skeleton tower.	Obscured from 162° to 210°.
23645	GRAVE POINT LIGHT	58-03-43.854N 134-03-04.332W	Fl W 2.5s	45	6	NR on skeleton tower.	Obscured from 156° to 280°.
23650	GRAND ISLAND LIGHT	58-05-58.098N 134-06-27.726W	Fl W 6s	47	6	NR on skeleton tower.	Obscured from 335° to 116°.
23655	POINT ARDEN LIGHT	58-09-33.024N 134-10-41.022W	Fl W 4s	50	6	NR on skeleton tower.	Obscured from 332° to 118°.
	Gastineau Channel						
23660	MARMION ISLAND LIGHT	58-11-55.140N 134-15-24.276W	Fl W 6s	50	6	NR on skeleton tower.	Obscured from 014° to 147°.
23665	SHEEP CREEK LIGHT 2	58-15-28.410N 134-19-52.206W	Fl R 4s	12	5	TR on small house on square pile structure.	Higher intensity beam down channel.
23675	JUNEAU ISLE LIGHT	58-16-34.764N 134-23-03.888W	Fl W 2.5s	15	6	NR on skeleton tower.	
23680	DOUGLAS BOAT HARBOR LIGHT 1D	58-16-35.683N 134-23-15.554W	Fl G 4s	17	4	SG on skeleton tower.	
23685	*Rock Dump Lighted Buoy 2A*	58-17-08.489N 134-23-50.429W	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.
23690	LAWSON CREEK BAR LIGHT 3	58-17-16.563N 134-24-25.839W	Fl G 2.5s	22	4	SG on dolphin.	Higher intensity beam down channel.
23695	- LIGHT 4	58-17-49.193N 134-25-21.721W	Fl R 2.5s	15	3	TR on dolphin.	
23705	HARRIS HARBOR LIGHT H	58-18-03.668N 134-25-45.811W	Fl W 4s	15	4	NR on dolphin.	
23710	AURORA BASIN LIGHT A	58-18-16.164N 134-25-59.526W	Fl W 2.5s	25	3	NR on breakwater.	
23720	AURORA BASIN LIGHT B	58-18-26.550N 134-26-25.164W	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	58-19-05.328N 134-27-26.976W	Fl G 6s	15	4	SG on dolphin.	Tide gauge shows depth over bar.
23730	Mendenhall Bar Channel Buoy 7	58-19-23.066N 134-27-52.064W				Green can.	
	Mendenhall Bar						
	Buoys maintained from Apr. 1 to Oct. 15 Positioned to mark best passage. Route requires local knowledge, extreme caution due to shifting shoals.						
23735	- Buoy 8	58-19-32.025N 134-28-33.436W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)							
Mendenhall Bar							
Buoys maintained from Apr. 1 to Oct. 15 Positioned to mark best passage. Route requires local knowledge, extreme caution due to shifting shoals.							
23735.1	- Buoy 9	58-19-29.529N 134-28-35.528W				Green can.	
23735.15	- Buoy 8A	58-19-39.917N 134-29-00.047W				Red nun.	
23735.2	- Buoy 9A	58-19-38.120N 134-29-01.574W				Green can.	
23735.25	- Buoy 8B	58-19-55.004N 134-29-03.968W				Red nun.	
23735.3	- Buoy 9B	58-19-53.012N 134-29-07.851W				Green can.	
23735.35	- Buoy 10	58-20-06.466N 134-29-37.885W				Red nun.	
23735.4	- Buoy 11	58-20-05.159N 134-29-40.624W				Green can.	
23735.45	- Buoy 10A	58-20-16.249N 134-30-25.810W				Red nun.	
23735.5	- Buoy 11A	58-20-14.061N 134-30-28.327W				Green can.	
23735.55	- Buoy 10B	58-20-27.087N 134-30-50.561W				Red nun.	
23735.6	- Buoy 11B	58-20-24.912N 134-30-53.569W				Green can.	
23735.62	- Buoy 10C	58-20-36.931N 134-31-10.936W				Red nun.	
23735.63	- Buoy 11C	58-20-34.883N 134-31-14.369W				Green can.	
23735.65	- Buoy 12	58-20-49.445N 134-31-29.282W				Red nun.	
23735.7	- Buoy 13	58-20-46.184N 134-31-34.000W				Green can.	
23735.75	- Buoy 12A	58-20-48.230N 134-31-56.528W				Red nun.	
23735.8	- Buoy 13A	58-20-47.133N 134-31-49.992W				Green can.	
Stephens Passage							
Fritz Cove							
23740	Mendenhall Bar Daybeacon 14	58-20-49.889N 134-32-18.253W				TR on pile	
23745	Mendenhall Bar Daybeacon 15	58-20-44.508N 134-32-35.676W				SG on dolphin	
23750	Mendenhall Bar Daybeacon 17	58-20-37.770N 134-34-09.918W				SG on dolphin	
23755	Mendenhall Bar Daybeacon 18	58-20-39.687N 134-35-13.979W				TR on dolphin	
23760	Mendenhall Bar Daybeacon 19	58-20-23.750N 134-35-42.011W				SG on dolphin	
23765	Mendenhall Bar Daybeacon 19A	58-20-13.782N 134-36-41.856W				SG on dolphin	
23770	MENDENHALL BAR CHANNEL LIGHT 21	58-19-54.924N 134-36-53.146W	Fl G 4s	15	4	SG on dolphin	Tide gauge shows depth over bar.
Mendenhall River							
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.

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			ALASKA - Seventeenth District				
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)						
	Stephens Passage						
	Mendenhall River						
23773.7	- Buoy 12	58-21-08.000N 134-36-27.000W				Red nun.	Private aid.
	Stephens Passage						
23775	POINT HILDA LIGHT	58-13-01.827N 134-30-23.322W	Fl W 6s	20	5	NR on skeleton tower.	Obscured from 080° to 274°.
23780	Inner Point Daybeacon	58-13-51.666N 134-35-21.912W				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	58-14-53.730N 134-37-43.776W	Fl W 4s	20	5	NR on skeleton tower on rock.	
23790	HORSE SHOAL LIGHT 1	58-15-16.008N 134-42-10.680W	Fl G 6s	15	4	SG on pile.	
23792	COLT ISLAND LIGHT	58-17-02.000N 134-44-26.000W	Fl W 4s	24	5	NR on pile.	
23795	GEORGE ROCK LIGHT	58-18-55.507N 134-42-02.303W	Fl W 6s	17	6	NR on skeleton tower.	
23800	GIBBY ROCK LIGHT 2	58-19-36.282N 134-41-18.852W	Fl R 6s	30	4	TR on post.	
23801	Coghlan Island Buoy 1	58-21-50.241N 134-42-01.124W				Green can.	
23802	Auke Bay Breakwater Daybeacon 1	58-22-57.348N 134-39-15.066W				SG on steel pile.	
23803	AUKE BAY BOAT HARBOR LIGHT 2	58-22-56.819N 134-39-11.426W	Fl R 2.5s	17	3	TR on post.	
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	*Auke Bay Speed Limit Lighted Buoy*	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	58-21-07.392N 134-45-31.440W	Fl W 2.5s	20	6	NR on pile.	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.
23809	SMUGGLERS COVE NORTH DOCK LIGHT	58-20-52.740N 134-39-06.900W	Fl Y 2s	3		On dock.	Private aid.
23810	Strauss Rock Buoy SR	58-21-36.304N 134-48-31.052W				Green and red bands; can.	
	Lynn Canal						
	Favorite Channel						
23815	SHELTER ISLAND LIGHT	58-22-29.286N 134-48-28.536W	Fl W 4s	19	7	NR on skeleton tower.	Obscured from 005° to 173°.
23820	Point Stephens Rock Buoy 2	58-25-19.990N 134-46-09.499W				Red nun.	
23825	TEE HARBOR LIGHT	58-25-40.422N 134-46-02.154W	Fl W 6s	33	6	NR on skeleton tower.	Obscured from 150° to 325°.
23835	Cohen Reef Daybeacon	58-25-50.118N 134-48-15.012W				NR on spindle.	
23840	AARON ISLAND LIGHT 2	58-26-17.580N 134-49-31.860W	Fl R 2.5s	20	4	TR on skeleton tower.	
23845	*Poundstone Rock Lighted Bell Buoy PR*	58-31-43.817N 134-56-01.475W	Fl (2+1)R 6s		4	Red and green bands.	
23850	**Sentinel Island Light**	58-32-45.681N 134-55-22.370W	Fl W 10s	86	14	42	Obscured from 152° to 296°.
23855	LITTLE ISLAND LIGHT	58-32-24.798N 135-02-49.638W	Fl W 4s	50	7	NR on skeleton tower.	
23860	VANDERBILT REEF LIGHT	58-35-27.456N 135-01-07.698W	Fl W 2.5s	36	6	NR on skeleton tower on concrete pier.	Higher intensity beam up channel.
23865	POINT SHERMAN LIGHT	58-51-11.094N 135-09-05.982W	Fl W 4s	47	6	NR on spindle.	

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			ALASKA - Seventeenth District				
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)						
	Lynn Canal						
	Favorite Channel						
23870	SULLIVAN ISLAND LIGHT	58-53-52.842N 135-18-09.006W	Fl W 4s	24	7	NR on skeleton tower on rock.	Higher intensity beam down channel. Obscured from 090° to 190°.
23875	Sullivan Island Daybeacon 2	58-57-52.272N 135-21-11.256W				TR on spindle.	
23880	ELDRED ROCK LIGHT	58-58-15.258N 135-13-15.318W	Fl W 6s	91	8		Higher intensity beam up Chilkoot Inlet. Higher intensity beam down Lynn Canal.
23885	CHILKOOT INLET EAST LIGHT	59-00-58.814N 135-11-48.553W	Fl W 2.5s	25	5	NR on skeleton tower.	Obscured from 166° to 337°.
23890	TALSANI ISLAND LIGHT	59-04-42.456N 135-16-25.176W	Fl W 6s	16	6	NR on skeleton tower.	Obscured from 325° to 133°.
23895	LETNIKOF COVE LIGHT 2	59-10-25.286N 135-24-02.333W	Fl R 4s	25	4	TR on small house.	Obscured from 256° to 358°.
	Chilkoot Inlet						
23900	KATZEHIN RIVER FLATS LIGHT 4	59-11-43.656N 135-20-01.464W	Fl R 6s	28	4	TR on pile.	
23905	BATTERY POINT LIGHT	59-12-37.014N 135-21-54.702W	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	59-13-57.882N 135-26-17.472W	Fl R 2.5s	26	3	TR on skeleton tower.	
23915	Nukdik Point Daybeacon 1	59-14-39.222N 135-25-18.330W				SG on post.	
23920	INDIAN ROCK LIGHT	59-16-23.880N 135-24-02.340W	Fl W 6s	15	7	NR on pile structure.	Higher intensity beam down Chilkoot Inlet.
	Taiya Inlet						
23932	SKAGWAY HARBOR STEMWALL LIGHT	59-26-55.420N 135-19-27.250W	Fl W 4s	20		On pole.	Private aid.
23933	SKAGWAY HARBOR BREAKWATER LIGHT	59-26-53.930N 135-19-24.630W	Fl G 4s	20		On pole.	Private aid.
23935	SKAGWAY BREAKWATER LIGHT 2	59-26-55.653N 135-19-21.299W	Fl 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	Fl R 4s	30		On dolphin.	Private aid.
23938	SKAGWAY ORE DOCK LIGHT	59-26-54.600N 135-19-51.840W	Fl R 4s	30		On dolphin.	Private aid.
23940	- LIGHT	59-26-46.824N 135-21-42.588W	Fl W 2.5s	20	5	NR on skeleton tower.	
	Saginaw Channel						
23945	FAVORITE REEF LIGHT 2	58-22-47.892N 134-51-41.034W	Fl R 4s	33	5	TR on spindle.	
23950	*Faust Rock Lighted Bell Buoy FR*	58-25-05.802N 134-55-39.677W	Fl (2+1)R 6s		4	Red and green bands.	
23955	POINT RETREAT LIGHT	58-24-41.442N 134-57-18.351W	Fl W 6s	63	8		
23960	FALSE POINT RETREAT LIGHT 4	58-22-11.262N 134-58-11.406W	Fl R 6s	25	4	TR on skeleton tower.	
23965	LYNN CANAL SOUTHWEST LIGHT	58-20-01.335N 135-02-59.195W	Fl W 4s	33	5	NR on skeleton tower.	Obscured from 358° to 168°.
23970	NAKED ISLAND LIGHT	58-15-20.550N 134-56-43.722W	Fl W 6s	44	7	NR on square tower.	
23975	FUNTER BAY ENTRANCE LIGHT 1	58-14-36.870N 134-54-59.544W	Fl G 2.5s	16	5	SG on pedestal on house.	Obscured from 114° to 248°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)						
	Saginaw Channel						
23980	Funter Bay Buoy 3	58-14-31.549N 134-54-16.425W				Green can.	
	CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)						
	Chatham Strait						
23985	WARM SPRING BAY LIGHT	57-04-47.754N 134-46-32.388W	Fl W 4s	27	7	NR on skeleton tower.	Obscured from 308° to 101°.
23990	POINT LULL LIGHT	57-18-33.740N 134-48-23.905W	Fl W 4s	50	6	NR on skeleton tower.	
	Hood Bay						
23995	- *Entrance Lighted Buoy 2*	57-25-03.600N 134-33-22.923W	Fl R 6s		4	Red.	
24000	- Buoy 1	57-25-28.800N 134-32-58.323W				Green can.	
	Killisnoo Harbor						
24005	- *Entrance Lighted Buoy 2*	57-27-41.799N 134-34-27.332W	Fl R 2.5s		4	Red.	
24010	- LIGHT 3	57-27-57.486N 134-33-58.104W	Fl G 6s	23	4	SG on spindle.	
24015	Lone Rock Daybeacon 4	57-27-53.033N 134-33-32.815W				TR on pile.	
24020	- *Lighted Buoy 6*	57-28-17.206N 134-33-48.974W	Fl R 4s		3	Red.	
24023	ANGOON FERRY TERMINAL LIGHT	57-28-19.000N 134-34-00.000W	Fl R 6s	32		On dolphin.	Private aid.
24025	- LIGHT 7	57-28-15.927N 134-34-10.542W	Fl G 4s	16	4	SG on small house on skeleton structure on concrete pier.	
24030	Killisnoo Island Reef Buoy 2	57-28-41.399N 134-36-00.138W				Red nun.	
	Chatham Strait						
24035	*Morris Reef Lighted Buoy 35*	57-27-45.889N 134-48-27.552W	Fl G 4s		4	Green.	
24040	*Kenasnow Rocks Lighted Buoy 2*	57-29-59.202N 134-36-21.196W	Fl R 2.5s		4	Red.	
24045	DANGER POINT LIGHT	57-30-55.218N 134-36-26.898W	Fl W 6s	30	7	NR on skeleton tower on concrete pier.	
	Kootznahoo Inlet						
24050	- LIGHT 2	57-30-17.526N 134-34-59.268W	Fl R 4s	14	5	TR on post.	
24055	- Daybeacon 4	57-30-00.954N 134-34-36.150W				TR on steel post.	
24060	- Daybeacon 6	57-29-56.028N 134-34-10.542W				TR on pile.	
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)						
	Tenakee Inlet						
24065	- ENTRANCE LIGHT 1	57-46-20.418N 134-56-04.158W	Fl G 4s	33	5	SG on spindle.	
24070	- Daybeacon 2	57-46-29.642N 135-08-22.243W				TR on spindle.	
24075	- Daybeacon T	57-50-39.912N 135-24-56.616W				JR on spindle.	
24080	- LIGHT 4	57-46-28.818N 135-11-55.206W	Fl R 6s	30	4	TR on skeleton tower.	
24083	TENAKEE BOAT HARBOR ENTRANCE LIGHT 1	57-46-38.178N 135-12-23.814W	Fl 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	57-46-12.152N 135-13-39.835W	Fl W 4s	23	5	NR on small house on skeleton tower.	
24090	Tenakee Reef Daybeacon	57-46-35.204N 135-14-06.291W				NR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)						
	Chatham Strait						
24100	- LIGHT 20	58-02-40.782N 134-48-33.282W	Fl R 4s	35	4	TR on skeleton tower.	Obscured from 175° to 353°.
24105	POINT AUGUSTA LIGHT	58-02-22.397N 134-57-08.389W	Fl W 4s	48	6	NR on skeleton tower.	Obscured from 290° to 135°.
	Hawk Inlet						
24107	- Buoy 2	58-05-12.930N 134-46-52.044W				Red Nun.	
24109	- Daybeacon 3	58-05-32.820N 134-47-04.320W				SG on pile.	
24111	- LIGHT 5	58-05-36.780N 134-46-42.420W	Fl G 4s	33	4	SG on pile.	
24112	- RANGE FRONT LIGHT	58-05-07.014N 134-46-27.248W	Q W	13		KRW on single pile.	Obscured from 202° to 066°.
24113	- RANGE REAR LIGHT 398 yards, 178.4° from front light.	58-04-55.191N 134-46-26.605W	Iso W 6s	19		KRW on single pile.	Obscured from 194° to 125°.
24114	- LIGHT 6	58-05-56.976N 134-46-23.316W	Fl R 4s	33	4	TR on pile.	
24115	- East Shoal Buoy 8	58-06-05.820 N 134-46-26.160 W				Red Nun.	
24116	- EAST SHOAL LIGHT 10	58-06-11.862N 134-46-22.308W	Fl R 2.5s	20	4	TR on spindle.	
24117	- East Shoal Buoy 12	58-06-16.670N 134-46-21.208W				Red Nun.	
24118	- ENTRANCE LIGHT	58-06-31.787N 134-46-29.432W	Fl W 4s	13	5	NR on skeleton tower.	Obscured from 006° to 264°.
	Icy Strait						
24120	HANUS REEF LIGHT	58-07-49.692N 135-00-00.534W	Fl W 2.5s	25	6	NR on skeleton tower on concrete pier.	
24125	ROCKY ISLAND LIGHT 13	58-10-38.880N 135-03-07.080W	Fl G 4s	43	4	SG on square frame.	
24130	SWANSON HARBOR ENTRANCE LIGHT 2	58-11-34.856N 135-04-43.409W	Fl 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	58-10-17.382N 135-15-29.106W	Fl W 4s	69	7	On FAA radio tower.	
24140	SPASSKI ISLAND LIGHT 12	58-07-57.936N 135-16-18.174W	Fl R 6s	30	5	TR on small house.	Obscured from 315° to 088°.
24150	HOONAH BREAKWATER LIGHT 2	58-06-30.774N 135-27-01.122W	Fl R 4s	38	3	TR on spindle.	
24155	HOONAH BREAKWATER LIGHT 3	58-06-25.348N 135-26-55.359W	Fl G 2.5s	38	3	SG on post.	
24157	HOONAH DOCK LIGHT	58-06-56.780N 135-27-19.770W	Fl W 2.5s	15		On dock.	Private aid.
24159	*Hoonah Harbor Entrance No Wake Buoy*	58-06-51.000N 135-27-30.000W	Fl W 2s			White	Private aid.
24160	PORT FREDERICK LIGHT 3	58-07-55.518N 135-27-55.092W	Fl G 6s	26	5	SG on skeleton tower.	Obscured from 245° to 357°.
24165	*Pinta Rock Lighted Bell Buoy 2*	58-10-00.279N 135-27-13.703W	Fl R 4s		4	Red.	
24170	*Pleasant Island Lighted Bell Buoy 11*	58-18-22.732N 135-39-18.570W	Fl G 2.5s		4	Green.	
24175	POINT ADOLPHUS LIGHT	58-17-09.822N 135-46-58.494W	Fl W 4s	20	5	NR on small house.	Obscured from 305° to 122°.
24180	ICY PASSAGE LIGHT 2	58-23-11.016N 135-37-43.158W	Fl R 6s	22	4	TR on skeleton tower.	
24183	GUSTAVUS DOCK EAST LIGHT	58-23-20.670N 135-43-43.170W	Fl W 2.5s	15		On dock.	Private aid.
24184	GUSTAVUS DOCK WEST LIGHT	58-23-20.530N 135-43-49.730W	Fl W 2.5s	15		On dock.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)						
	Icy Strait						
24185	*Gustavus Lighted Buoy 1*	58-23-11.954N 135-44-44.015W	Fl G 4s		4	Green.	
24190	Ancon Rock Buoy 2	58-22-23.960N 135-55-56.269W				Red nun.	
24195	LEMESURIER ISLAND LIGHT	58-19-09.126N 136-02-27.066W	Fl W 6s	22	6	NR on small house.	Obscured from 249° to 096°.
24200	SOUTH PASSAGE LIGHT	58-15-31.200N 136-06-56.400W	Fl W 2.5s	40	5	NR on skeleton tower.	Obscured from 121° to 280°.
24205	SOUTH PASSAGE LIGHT 8	58-14-46.308N 135-54-25.134W	Fl R 4s	40	5	TR on skeleton tower.	Obscured from 230° to 049°.
24210	*South Inian Pass Rock Lighted Bell Buoy 6*	58-13-52.967N 136-15-23.420W	Fl R 4s		4	Red.	
	Glacier Bay						
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	58-28-04.730N 136-03-19.614W				Green can.	
	Cross Sound						
24225	POINT LAVINIA LIGHT	58-13-24.024N 136-21-15.054W	Fl W 6s	60	6	NR on skeleton tower.	Obscured from 278° to 073°.
24230	GEORGE ISLAND LIGHT 2	58-12-42.387N 136-22-52.641W	Fl R 6s	48	4	TR on skeleton tower.	Obscured from 019° to 048°.
24235	NORTH INIAN PASS LIGHT	58-16-19.803N 136-24-07.801W	Fl W 4s	64	5	NR on skeleton tower.	Obscured from 260° to 051°.
24240 1070	**Cape Spencer Light**	58-11-55.847N 136-38-25.720W	Fl W 10s	105	17	30	Emergency light Fl W 6s of reduced intensity, if main light is extinguished.
	Port Althorp						
	Elfin Cove						
24245	- ENTRANCE LIGHT 2	58-11-40.992N 136-21-06.408W	Fl R 4s	48	3	TR on small house.	Obscured from 292° to 096°.
24250	- OUTER LIGHT	58-11-48.888N 136-21-04.356W	Fl W 4s	20	6	NR on square frame.	
24255	- Daybeacon 3	58-11-41.112N 136-20-59.613W				SG on pile.	
24260	- Daybeacon 5	58-11-39.632N 136-20-56.723W				SG on pile.	
24265	- Daybeacon 6	58-11-37.662N 136-20-56.412W				TR on pile.	
24270	- Daybeacon 7	58-11-33.690N 136-20-44.520W				SG on pile.	
	Port Althorp						
24275	ALTHORP ROCK LIGHT 3	58-09-58.494N 136-21-33.648W	Fl G 2.5s	18	3	SG on square frame.	
24280	THREE HILL ISLAND LIGHT	58-09-13.329N 136-23-02.418W	Fl W 4s	80	7	NR on skeleton tower.	Obscured from 090° to 289°.
	Lisianski Inlet						
24285	- LIGHT	58-05-56.202N 136-28-04.860W	Fl W 6s	65	6	NR on small house.	Obscured from 333° to 133°.
	Cross Sound						
24290	Column Point Buoy 1	58-06-59.649N 136-27-36.094W				Green can.	
	Lisianski Inlet						
24295	- LIGHT 2	58-04-13.932N 136-25-58.356W	Fl R 4s	55	4	TR on small house.	Obscured from 316° to 147°.
24300	- Daybeacon 4	58-02-04.860N 136-21-55.080W				TR on spindle.	

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			ALASKA - Seventeenth District				
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)						
	Lisianski Inlet						
24305	- LIGHT 5	58-01-42.023N 136-19-59.701W	Fl G 6s	50	4	SG on small house.	Obscured from 149° to 320°.
24310	JUNCTION ISLAND LIGHT	57-59-51.619N 136-19-00.603W	Q W	20	5	NR on skeleton tower.	Obscured from 042° to 171°.
24315	PELICAN ENTRANCE LIGHT	57-57-20.820N 136-13-48.000W	Fl W 4s	17	6	NR on post.	
	DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)						
	Nichols Bay						
24320	- Entrance Daybeacon	54-42-04.710N 132-05-21.000W				NR on spindle.	
24330 985	CAPE MUZON LIGHT	54-39-53.610N 132-41-33.846W	Fl W 6s	80	7	NR on spindle.	Obscured from 089° to 297°.
24331	McLeod Bay C. G. Mooring Buoy	54-41-33.000N 132-41-12.000W				White sphere with blue stripe.	
24335	Eureka Channel Daybeacon 1	54-46-53.048N 132-23-20.925W				SG on pile.	
24340	Center Island Reef Daybeacon 3	54-48-08.706N 132-22-58.200W				SG on pile.	
24345	Guide Rocks Daybeacon 4	54-49-33.354N 132-21-28.776W				TR on pile.	
24350	ROUND ISLANDS LIGHT	54-46-41.880N 132-30-24.804W	Fl 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	54-51-06.362N 132-27-00.493W				Red nun.	
24360	MELLEN ROCK LIGHT	55-01-35.879N 132-39-57.793W	Fl W 4s	32	6	NR on post.	
	Hetta Inlet						
24365	EEK POINT LIGHT	55-08-16.530N 132-40-01.320W	Fl W 2.5s	19	6	NR on square frame.	Obscured from 103° to 237°.
	Sukkwan Strait						
24370	Hydaburg Buoy 2	55-11-43.239N 132-49-05.133W				Red nun.	
24375	- Obstruction Buoy SS	55-12-01.139N 132-49-47.127W				Green and red bands.	
24380	Hydaburg Buoy 4	55-12-06.738N 132-49-37.928W				Red nun.	
24385	Sukkwan Narrows Buoy 6	55-12-08.738N 132-50-18.524W				Red nun.	
24390	Sukkwan Narrows Buoy 7	55-12-15.038N 132-50-15.123W				Green can.	
24391	HYDABURG LIGHT 8	55-12-24.245N 132-50-03.715W	Fl R 4s	15	3	TR on pile.	
24392	Hydaburg Daybeacon	55-12-50.957N 132-50-07.597W				NR on spindle.	
24393	Hydaburg Boat Basin Daybeacon 3	55-12-42.983N 132-49-48.577W				SG on spindle.	
24394	Hydaburg Boat Basin Daybeacon 2	55-12-40.230N 132-49-52.662W				TR on pile.	
24395	SUKKWAN NARROWS LIGHT	55-12-03.282N 132-50-29.694W	Fl W 4s	16	5	NR on skeleton tower.	Obscured from 252° to 019°.
24400	Sukkwan Narrows Buoy 4	55-11-33.740N 132-51-20.420W				Red nun.	
24405	Sukkwan Narrows Buoy 2	55-11-18.340N 132-51-34.420W				Red nun.	
24410	GOAT ISLAND LIGHT	55-10-06.690N 132-53-34.746W	Fl W 4s	21	5	NR on skeleton tower.	Obscured from 093° to 261°.
24415	Turn Rock Daybeacon	55-10-01.552N 132-54-57.024W				NR on spindle.	
	Tlevak Strait						
24420	SHOE ISLAND LIGHT	54-57-04.104N 132-44-40.554W	Fl W 6s	20	5	NR on skeleton tower.	Obscured from 313° to 088°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)						
	Tlevak Strait						
24430	VIEW COVE ENTRANCE LIGHT	55-03-09.891N 132-57-51.873W	Fl W 4s	35	6	NR on skeleton tower.	
24435	LIVELY ISLANDS LIGHT	55-13-37.692N 133-05-05.958W	Fl W 6s	20	6	NR on skeleton tower.	Obscured from 150° to 343°.
	Tlevak Narrows						
24440	- LIGHT 2	55-15-45.468N 133-07-01.467W	Fl R 4s	22	4	TR on skeleton tower.	Obscured from 152° to 279°.
24445	- Buoy 4	55-16-00.972N 133-08-10.556W				Red nun.	
	Meares Passage						
24450	MEARES ISLAND LIGHT	55-16-20.226N 133-10-34.542W	Fl W 6s	13	5	NR on skeleton tower.	Obscured from 290° to 105°.
24455 1000	DIVER ISLANDS LIGHT	55-10-40.423N 133-15-53.162W	Fl W 4s	130	7	NR on post.	Obscured from 186° to 007°.
	Bucareli Bay						
24460 1005	CAPE BARTOLOME LIGHT	55-13-50.247N 133-36-56.131W	Fl W 6s	158	7	NR on spindle.	Obscured from 148° to 263°.
24465	POINT ARBOLEDA LIGHT	55-19-13.554N 133-28-20.274W	Fl W 4s	33	6	NR on spindle.	
24470	*Cape Flores Lighted Buoy 2*	55-21-24.782N 133-17-43.058W	Fl R 4s		3	Red.	
24472	Point Amargura Ledge Buoy 1	55-26-34.911N 133-21-41.829W				Green.	
24475	ST. IGNACE ROCK LIGHT	55-25-41.148N 133-23-42.774W	Fl W 6s	20	6	NR on skeleton tower.	
24480	Sola Rock Daybeacon SR	55-25-31.524N 133-28-53.346W				JR on spindle.	
24481	Pigeon Pass Daybeacon 5	55-25-45.762N 133-33-47.244W				SG on spindle.	
24482	Pigeon Island Daybeacon 4	55-25-48.222N 133-34-09.180W				TR on steel pile.	
24483	Pigeon Island Daybeacon 3	55-25-49.152N 133-34-00.732W				SG on spindle.	
24484	Cone Island Daybeacon 2	55-26-46.104N 133-36-14.172W				TR on pile.	
	Shelter Cove						
24485	- BREAKWATER LIGHT 2	55-28-25.644N 133-08-38.112W	Fl R 4s	30	4	TR on steel pile.	
24490	- Entrance Range Front Daybeacon	55-28-30.096N 133-08-31.740W				KRW on skeleton tower.	
24495	- Entrance Range Rear Daybeacon 37 yards, 048° from front daybeacon.	55-28-30.204N 133-08-30.324W				KRW on skeleton tower.	
	Craig Harbor						
24500	*Fish Egg Reef Lighted Buoy 3*	55-28-26.050N 133-09-37.234W	Fl G 2.5s		3	Green.	
24505	Craig Buoy 4	55-28-45.853N 133-09-24.077W				Red nun.	
24510	Saltery Point Shoal Daybeacon 6	55-28-49.182N 133-08-43.984W				TR on pile.	
24512.1	CRAIG BREAKWATER LIGHT 1	55-28-50.920N 133-08-36.800W	Fl R 4s	13		On breakwater.	Private aid.
24512.2	CRAIG BREAKWATER LIGHT 2	55-28-50.740N 133-08-39.390W	Fl R 4s	13		On breakwater.	Private aid.
24512.3	CRAIG BREAKWATER LIGHT 3	55-28-50.540N 133-08-41.960W	Fl R 4s	13		On breakwater.	Private aid.
24515	*Craig Shoal Lighted Buoy 7*	55-29-12.793N 133-08-46.089W	Fl G 4s		4	Green.	
	San Alberto Bay						
24520	*Ballena Island Shoal Lighted Buoy 2*	55-28-14.394N 133-13-14.900W	Fl R 4s		3	Red.	

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	DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)						
	San Alberto Bay						
24525	Balandra Shoal Buoy 3	55-28-31.844N 133-13-47.385W				Green can.	
24530	*Fern Reef Lighted Buoy 3A*	55-29-05.792N 133-15-52.117W	Fl G 4s		4	Green.	
24535	Parida Island South Reef Buoy 5	55-30-02.364N 133-13-48.108W				Green can.	
24540	- *Lighted Buoy 7*	55-32-15.143N 133-15-05.154W	Fl G 6s		4	Green.	
	Gulf of Esquibel						
	San Christoval Channel						
24545	*Hermanos Islands Reef Lighted Bell Buoy 8*	55-33-44.065N 133-17-46.759W	Fl R 4s		4	Red.	
24550	Piedras Island Reef Buoy 9	55-33-40.765N 133-17-57.158W				Green can.	
24555	Hermanos Island Range Front Daybeacon	55-34-14.662N 133-17-55.563W				KRW on spindle.	
24560	Hermanos Island Range Rear Daybeacon 210 yards, 104° from front daybeacon.	55-34-13.146N 133-17-43.668W				KRW on spindle.	
24565	San Christoval 3 Fathom Buoy SC	55-34-30.636N 133-19-06.904W				Green and red bands; can.	
24570	LARZATITA ISLAND REEF LIGHT	55-35-01.851N 133-19-44.670W	Fl W 4s	22	6	NR on caisson.	
	Klawock Inlet						
24575	*Klawock Reef Lighted Buoy 1*	55-30-33.921N 133-11-12.231W	Fl G 4s		4	Green.	
24580	Klawock Reef Buoy 2	55-30-24.692N 133-11-12.810W				Red nun.	
24585	*Klawock Junction Lighted Buoy KL*	55-30-21.792N 133-10-33.107W	Fl (2+1)R 6s		4	Red and green bands.	
24590	Klawock Reef Buoy 3	55-30-27.901N 133-10-29.447W				Green can.	
24595	KLAWOCK TOW CHANNEL ENTRANCE LIGHT 2TC	55-29-51.674N 133-11-34.943W	Fl R 6s	21	4	TR on spindle.	
24600	Klawock Tow Channel Daybeacon 3TC	55-30-13.632N 133-10-54.384W				SG on pile.	
24605	Klawock Tow Channel Daybeacon 4TC	55-30-15.987N 133-10-21.012W				TR on pile.	
24610	- Buoy 6	55-30-20.381N 133-09-36.662W				Red nun.	
24615	- *Shoal Lighted Buoy 8*	55-32-36.776N 133-07-06.103W	Fl R 2.5s		4	Red.	
24620	Wadleigh Island Buoy 9	55-33-37.371N 133-06-53.710W				Green can.	
24625	KLAWOCK LOGGING DOCK LIGHTS (2)	55-33-12.000N 133-06-36.140W	Fl R 10s	18		On dock.	Private aid.
24630	Highwater Rock Daybeacon 1	55-33-33.963N 133-06-15.499W				SG on pile.	
24635	KLAWOCK HARBOR ENTRANCE LIGHT 2	55-33-26.160N 133-06-13.944W	Fl R 4s	20	4	TR on skeleton tower on pier.	
24640	Klawock Ledge Daybeacon 3	55-33-24.174N 133-06-05.982W				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	55-33-15.336N 133-37-22.226W	Fl W 2.5s	19	6	NR on small house.	Obscured from 292° to 070°.
24650 1010	CAPE ULITKA LIGHT	55-33-45.204N 133-43-43.314W	Fl W 6s	115	6	NR on skeleton tower.	Obscured from 310° to 053°.

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			ALASKA - Seventeenth District				
	DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)						
	Klawock Inlet						
24655	Curacao Reef Buoy 8	55-39-18.704N 133-28-19.987W				Red nun.	
24660	Desconocida Reef Buoy 10	55-41-18.289N 133-31-28.490W				Red nun.	
	Boca de Finas						
24665	*White Cliff Lighted Bell Buoy 12*	55-43-55.262N 133-39-41.081W	Fl R 4s		4	Red.	
24670	Emerald Island Buoy 9	55-44-28.300N 133-40-09.633W				Green can.	
24675	CAPE LYNCH LIGHT	55-46-51.960N 133-42-06.176W	Fl W 6s	50	6	NR on spindle.	Obscured from 196° to 315°.
	Karheen Passage						
24680	Tonowek Narrows Daybeacon 2T	55-45-17.052N 133-20-30.564W				TR on pile.	
24685	- Daybeacon 1	55-46-17.976N 133-19-26.100W				SG on skeleton tower.	
24690	Point Swift Shoal Buoy 2	55-46-15.023N 133-18-53.651W				Red nun.	
24695	- Buoy 3	55-46-29.400N 133-17-57.000W				Green can.	
24700	- Buoy 4	55-46-52.109N 133-17-01.612W				Red nun.	
24705	- Buoy 5	55-47-09.688N 133-17-23.282W				Green can.	
24710	Chapin Island Range Front Daybeacon	55-47-46.038N 133-18-41.490W				KRW on skeleton tower.	
24715	Chapin Island Range Rear Daybeacon 60 yards, 306° from front daybeacon.	55-47-47.136N 133-18-44.472W				KRW on skeleton tower.	
24720	- Daybeacon 6	55-47-49.326N 133-18-22.848W				TR on spindle.	
24725	- Buoy 8	55-48-26.229N 133-18-58.313W				Red nun.	
24730	PEEP ROCK LIGHT	55-49-08.607N 133-19-53.029W	Fl W 4s	17	7	NR on skeleton tower.	
	Davidson Inlet						
24735	SURF POINT LIGHT	55-50-00.749N 133-37-59.963W	Fl W 4s	29	6	NR on monopile.	Obscured from 290° to 060°.
	Edna Bay						
24740	- ENTRANCE LIGHT	55-56-18.834N 133-36-57.678W	Fl W 6s	23	6	NR on skeleton tower.	Obscured from 104° to 240°.
24745	- Buoy 2	55-56-29.147N 133-38-58.378W				Red nun.	
24750	- LIGHT 3	55-56-28.278N 133-39-30.498W	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	55-57-45.576N 133-37-21.354W				TR on pile.	
	Sea Otter Sound						
24755	TOKEEN HARBOR ENTRANCE LIGHT	55-56-11.214N 133-19-51.246W	Fl W 6s	35	6	NR on skeleton tower.	Obscured from 128° to 255°.
	Tuxekan Passage						
24760	Aikens Rock Daybeacon 3	55-54-01.248N 133-15-41.610W				SG on skeleton tower.	
24765	Village Rock Daybeacon VR	55-53-20.676N 133-15-23.250W				JR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)							
El Capitan Passage							
24770	El Capitan Daybeacon 1	55-55-40.689N 133-18-18.188W				SG on pile.	
24775	Hub Rock Daybeacon 3	55-56-28.650N 133-17-51.456W				SG on pile.	
24777	North Island Daybeacon	55-57-58.848N 133-19-27.013W				NR on spindle.	
24780	BURNT ISLAND LIGHT 5	55-58-26.460N 133-17-45.228W	Fl G 4s	15	4	SG on skeleton tower.	Obscured from 004° to 157.5°.
Dry Pass							
24785	- Daybeacon 2	56-09-30.738N 133-22-49.938W				TR on post.	
24790	- Daybeacon 3	56-09-28.494N 133-22-54.558W				SG on post.	
24795	- Daybeacon 4	56-09-33.426N 133-23-20.046W				TR on post.	
24800	- Daybeacon 5	56-09-31.914N 133-23-23.778W				SG on post.	
24805	- Daybeacon 5A	56-09-41.358N 133-24-07.938W				SG on post.	
24810	- Daybeacon 6	56-09-49.854N 133-24-43.506W				TR on post.	
24815	- Daybeacon 7	56-09-47.658N 133-24-45.528W				SG on post.	
24820	- Daybeacon 9	56-09-54.336N 133-25-16.476W				SG on post.	
24825	- Daybeacon 11	56-09-52.692N 133-25-34.650W				SG on pile.	
24830	- Daybeacon 13	56-09-50.988N 133-25-42.912W				SG on post.	
24835	- Daybeacon 14	56-09-49.668N 133-25-55.056W				TR on post.	
24840	- Daybeacon 15	56-09-45.534N 133-25-59.916W				SG on post.	
24845	- Daybeacon 16	56-09-44.358N 133-26-09.114W				TR on post.	
24850	- Daybeacon 17	56-09-41.142N 133-26-12.882W				SG on post.	
24855	- Daybeacon 18	56-09-41.698N 133-26-23.976W				TR on post.	
24857	- Daybeacon 19	56-09-37.386N 133-26-30.108W				SG on post.	
24860	- Daybeacon 20	56-09-36.108N 133-26-42.666W				TR on post.	
24865	- Daybeacon 21	56-09-29.550N 133-26-55.566W				SG on post.	
24870	- Daybeacon 22	56-09-28.620N 133-27-09.804W				TR on post.	
24875	- Daybeacon 23	56-09-25.878N 133-27-06.144W				SG on post.	
24877	- Daybeacon 24	56-09-22.710N 133-27-19.422W				TR on spindle.	
24880	- Daybeacon 25	56-09-20.670N 133-27-14.220W				SG on post.	
24885	- Daybeacon 26	56-09-14.328N 133-27-25.956W				TR on pile.	
24890	- Daybeacon 28	56-09-11.004N 133-27-41.316W				TR on spindle.	
CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)							
Little Branch Bay							
24895	- LIGHT	56-18-14.160N 134-50-41.616W	Fl W 4s	109	5	NR on skeleton tower.	Obscured from 111.5° to 338°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)						
	Sitka Sound						
24897	Sharktooth Rock Daybeacon 2	56-44-05.970N 135-16-08.724W				TR on pile.	
24898	Sharktooth Rock Daybeacon 4	56-44-20.046N 135-16-19.806W				TR on pile.	
24900	Elovoi Island Rock Daybeacon 1	56-49-17.688N 135-22-43.800W				SG on spindle.	
24905	Koka Island Passage Daybeacon 1	56-54-49.476N 135-23-39.762W				SG on pile.	
24910 1030	CAPE EDGECUMBE LIGHT	56-59-53.310N 135-51-27.426W	Fl W 4s	100	7	NR on square frame.	Obscured from 149.5° to 321°.
24915	VITSKARI ISLAND LIGHT	57-00-00.048N 135-32-42.258W	Fl W 6s	50	8	NR on skeleton tower.	RACON: O (– – –).
24920	*Kulichkof Rock Lighted Buoy 2*	56-59-53.699N 135-26-59.381W	Fl R 4s		4	Red.	
	Eastern Channel						
24925	THE ECKHOLMS LIGHT	57-00-36.108N 135-21-32.454W	Fl W 6s	33	6	NR on skeleton tower.	
24930	*Simpson Rock Lighted Bell Buoy 5*	57-01-09.035N 135-20-44.738W	Fl G 4s		4	Green.	
24935	*Tsaritsa Rock Lighted Buoy 7*	57-01-14.174N 135-19-28.876W	Fl G 2.5s		3	Green.	
24940	*Rocky Patch Lighted Buoy RP*	57-01-42.224N 135-18-22.334W	Fl (2+1)R 6s		4	Red and green bands.	
24942	Rocky Patch Buoy 9A	57-01-45.631N 135-17-42.951W				Green can.	
24945	ENTRY POINT LIGHT 1	57-01-57.631N 135-15-00.355W	Fl G 6s	22	5	SG on square frame.	Obscured from 086° to 248°.
24948	*Indian River Flats Lighted Buoy 2*	57-02-32.613N 135-18-37.169W	Fl R 4s		4	Red.	
24950	THE TWINS LIGHT 9	57-02-03.466N 135-18-47.920W	Fl G 4s	14	4	SG on skeleton tower.	Obscured from 030° to 146°.
24952	*Indian River Flats Lighted Buoy 4*	57-02-32.714N 135-19-00.403W	Fl R 6s		4	Red.	
24953	*Indian River Flats Lighted Buoy 6*	57-02-40.339N 135-19-15.762W	Fl R 4s		4	Red.	
24955	ROCKWELL LIGHT	57-02-09.395N 135-20-01.354W	F R	50		White octagonal tower with dwelling attached.	Private aid.
24957	Mitchell Rock Daybeacon	57-02-20.000N 135-20-26.000W				NR on pile.	
24958	SURF ROCK LIGHT	57-01-55.140N 135-22-35.220W	Fl W 4s	15	5	NR on spindle.	
	Alidale Channel						
24960	TURNING ISLAND LIGHT 11	57-02-35.808N 135-20-11.106W	Fl G 2.5s	16	4	SG on skeleton tower.	Obscured sector from 062° to 153°.
24963	Sitka Harbor Lightering Pier Daybeacon	57-02-49.860N 135-20-10.200W				NR on pile.	
24965	Crescent Boat Harbor Daybeacon 1	57-02-52.668N 135-19-51.642W				SG on pile.	
24970	CRESCENT HARBOR EAST BREAKWATER LIGHT 4	57-02-57.321N 135-19-48.959W	Fl R 2.5s	19	4	TR on square frame.	
24975	CRESCENT HARBOR WEST BREAKWATER LIGHT 3	57-02-54.596N 135-19-49.152W	Fl G 2.5s	20	4	SG on square frame structure.	
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	57-02-47.490N 135-20-26.234W	Fl R 4s	15	3	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)							
Alidale Channel							
24979	Aleutski Channel Daybeacon 4	57-02-45.594N 135-20-33.816W				TR on pile.	
24980	Japonski Harbor Entrance Daybeacon 5	57-02-48.810N 135-20-47.872W				SG on pile.	
24985	JAPONSKI HARBOR ENTRANCE LIGHT 6	57-02-49.630N 135-20-45.949W	Fl R 6s	12	4	TR on pile.	
24990	Japonski Harbor Daybeacon 7	57-02-53.117N 135-20-52.464W				SG on pile.	
Western Channel							
25000	*Makhnati Rock Lighted Whistle Buoy 2*	57-02-09.698N 135-23-47.363W	Fl R 2.5s		4	Red.	
25005	SIGNAL ISLAND LIGHT 4	57-02-46.642N 135-23-34.406W	Fl R 4s	52	5	TR on skeleton tower.	Obscured from 217° to 005°.
25010	*Usher Rock Shoal Lighted Buoy 5*	57-03-06.549N 135-23-49.711W	Fl G 4s		4	Green.	
25015	BATTERY ISLAND LIGHT 6	57-03-35.298N 135-22-54.056W	Fl R 6s	16	4	TR on small house.	Obscured from 263° to 061°.
25020	SITKA BREAKWATER LIGHT 8	57-03-42.346N 135-22-00.104W	Fl R 2.5s	19	4	TR on spindle.	
25025	SITKA BREAKWATER LIGHT 7	57-03-46.080N 135-21-54.960W	Fl G 4s	19	4	SG on spindle.	
25025.5	Japonski Island Daybeacon 2	57-03-25.386N 135-22-27.282W				TR on spindle.	
25026	SITKA SOUTHWEST ENTRANCE LIGHT 3	57-03-31.402N 135-22-05.079W	Fl G 2.5s	15	3	SG on spindle.	
25027	Sitka Southwest Entrance Daybeacon 4	57-03-29.052N 135-21-59.881W				TR on spindle.	
25030	SITKA HARBOR CHANNEL LIGHT 9	57-03-13.638N 135-20-58.746W	Q G	20	4	SG on pile.	
25035	Harbor Rock Daybeacon	57-03-12.497N 135-20-53.853W				NR on single pile tower.	
25040	SITKA HARBOR LIGHT 11	57-03-10.692N 135-20-53.700W	Fl G 4s	23	5	SG on pile.	
25043	SITKA HARBOR GOVERNMENT PIER NORTH LIGHT	57-03-00.822N 135-20-45.852W	Fl R 2.5s	15	3	On pier.	
25045	SITKA HARBOR GOVERNMENT PIER SOUTH LIGHT	57-02-58.746N 135-20-42.138W	Fl R 2.5s	15	3	On pier.	
Sitka Sound							
25050	Kasiana Island Shoal Buoy 1	57-05-18.316N 135-24-12.952W				Green can.	
25055	OLD SITKA ROCKS LIGHT 2	57-06-52.403N 135-24-42.154W	Fl R 6s	30	5	TR on skeleton tower.	
25057	STARRIGAVAN BAY LIGHT	57-07-47.340N 135-22-29.950W	Fl W 2.5s	10		On breakwater.	Private aid.
25060	BIG GAVANSKI ISLAND LIGHT 3	57-08-23.730N 135-25-01.272W	Fl G 2.5s	22	4	SG on skeleton tower.	Obscured from 010° to 154°.
25065	LISIANSKI POINT LIGHT 4	57-08-59.904N 135-24-38.028W	Fl R 4s	41	4	TR on skeleton tower.	Obscured from 157° to 338°.
Olga Strait							
25070	- LIGHT 5	57-11-19.896N 135-28-02.100W	Fl G 6s	15	5	SG on dolphin.	
25075	- LIGHT 7	57-12-23.016N 135-29-27.264W	Fl G 2.5s	15	3	SG on pile.	
25080	- LIGHT 9	57-12-35.088N 135-29-44.874W	Fl G 4s	30	4	SG on pile.	
25085	- LIGHT 11	57-13-44.850N 135-32-10.362W	Fl G 4s	15	4	SG on skeleton tower.	
Neva Strait							
25090	NEVA POINT REEF LIGHT 12	57-14-03.840N 135-33-06.762W	Fl R 6s	17	4	TR on pile.	Obscured from 147° to 217°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)						
	Neva Strait						
	Whitestone Narrows						
25095	- *Rock Lighted Buoy 13*	57-14-32.326N 135-33-48.274W	Fl G 4s		4	Green.	
25100	WHITESTONE POINT LIGHT 14	57-14-39.834N 135-33-43.710W	Fl R 2.5s	11	4	TR on steel structure.	Obscured from 170° to 347°.
25105	- Channel Buoy 15	57-14-48.726N 135-33-57.873W				Green can.	
25110	- *Channel Lighted Buoy 17*	57-14-54.326N 135-34-00.573W	Q G		3	Green.	
25115	Whitestone Sandspit Buoy 18	57-15-03.426N 135-34-02.673W				Red nun.	
25120	- RANGE FRONT LIGHT	57-15-11.259N 135-34-04.876W	Q W	24		KRW on pile.	Visible all around.
25125	- RANGE REAR LIGHT 135 yards, 345° from front light.	57-15-14.844N 135-34-06.643W	F W	36		KRW on skeleton tower.	Obscured from 028° to 208°.
	Neva Strait						
25130	Columbine Rock Daybeacon 19	57-15-45.372N 135-35-01.062W				SG on square frame.	
25135	- *Lighted Buoy 20*	57-15-49.428N 135-34-52.980W	Fl R 4s		3	Red.	
25140	*Wyvill Reef Lighted Buoy 22*	57-16-18.164N 135-35-28.439W	Fl R 2.5s		4	Red.	
25145	*Highwater Island Shoal Lighted Buoy 23*	57-16-51.429N 135-36-08.389W	Fl G 4s		4	Green.	
25150	ENTRANCE ISLAND LIGHT 24	57-17-30.420N 135-36-20.850W	Fl R 6s	30	5	TR on skeleton tower.	Obscured from 154° to 345°.
25155	KANE ISLAND LIGHT 25	57-19-22.272N 135-39-46.176W	Fl G 2.5s	40	4	SG on square frame.	Obscured from 342° to 103°.
	Salisbury Sound						
25160	Morskoi Rock Buoy 2	57-20-37.569N 135-53-41.724W				Red nun.	
25165 1035	KLOKACHEF ISLAND LIGHT	57-24-12.048N 135-54-22.440W	Fl W 6s	85	7	NR on square frame.	Obscured from 155.5° to 291°.
25170	*Kakul Rock Lighted Buoy 2*	57-21-44.770N 135-41-52.890W	Fl R 6s		4	Red.	
25175	Brad Rock Buoy 3	57-22-23.436N 135-41-28.443W				Green Can.	
25180	KAKUL NARROWS LIGHT 4	57-22-25.829N 135-41-00.900W	Fl R 2.5s	27	4	TR on skeleton tower.	
	Peril Strait						
25185	SULOIA POINT LIGHT 5	57-23-21.856N 135-38-59.770W	Fl G 2.5s	22	4	SG on steel skeleton tower.	Obscured from 021° to 190°.
25190	*West Francis Rock Lighted Buoy 6*	57-24-15.886N 135-38-23.949W	Fl R 2.5s		4	Red.	
25195	Sergius Narrows Buoy 8	57-24-22.737N 135-37-55.435W				Red nun.	
25200	SERGIUS NARROWS LIGHT 9	57-24-27.589N 135-37-51.587W	Fl G 4s	17	4	SG on skeleton tower.	Obscured from 080° to 243°.
25205	Wayanda Ledge Buoy 10	57-24-24.736N 135-37-43.433W				Red nun.	
25210	*Liesnoi Shoal Lighted Buoy 11*	57-24-42.878N 135-36-34.152W	Fl G 2.5s		4	Green.	
25215	POINT SIROI ISLAND LIGHT 12	57-25-08.388N 135-35-20.130W	Fl R 2.5s	15	4	TR on skeleton tower.	Obscured from 272° to 025°.
25220	Deep Bay Entrance Daybeacon 1	57-25-57.855N 135-35-36.198W				SG on post.	
25225	MIDDLE POINT LIGHT 14	57-26-20.595N 135-34-28.018W	Fl R 4s	23	4	TR on skeleton tower.	
25230	YELLOW POINT LIGHT 16	57-26-52.350N 135-33-41.020W	Q R	17	3	TR on square frame.	Obscured from 265° to 034°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)							
Peril Strait							
25235	Yellow Point Rock Daybeacon 18	57-26-56.211N 135-33-12.358W				TR on concrete pier.	
25240	ROSE ISLAND ROCK LIGHT 19	57-27-15.853N 135-32-23.481W	Q G	17	4	SG on skeleton tower.	Obscured from 080° to 190°.
25245	BIG ROSE ISLAND LIGHT 21	57-27-26.826N 135-32-19.758W	Fl G 4s	17	4	SG on skeleton tower.	Obscured from 004° to 150°.
25250	Rose Channel Rock Daybeacon	57-27-40.452N 135-32-57.924W				NR on skeleton tower.	
25255	- LIGHT 22	57-29-31.050N 135-32-29.106W	Fl R 2.5s	13	4	TR on spindle.	Obscured from 159° to 340°.
25260	POVOROTNI ISLAND LIGHT	57-30-51.888N 135-33-18.006W	Q W	26	5	NR on skeleton tower.	Obscured from 314° to 032°.
25261	Goose Cove Coast Guard Mooring Buoy	57-30-46.059N 135-32-32.830W				White with blue band.	
25263	HOGGATT REEF LIGHT 25	57-32-47.828N 135-30-48.372W	Fl G 6s	25	4	SG on pile.	
25265	ELOVOI ISLAND LIGHT 26	57-33-57.600N 135-28-04.620W	Fl R 6s	18	4	TR on skeleton tower.	Obscured from 308° to 037°.
25270	OTSTOIA CHANNEL LIGHT 2	57-33-35.220N 135-26-53.340W	Fl R 4s	18	3	NR on pile.	
25275	OTSTOIA ISLAND LIGHT	57-33-41.252N 135-27-00.683W	Fl W 4s	17	6	NR on skeleton tower.	Obscured from 110° to 247°.
25280	COZIAN REEF LIGHT 3	57-34-04.080N 135-25-41.040W	Fl G 6s	17	4	SG on skeleton tower.	
25285	BROAD ISLAND LIGHT	57-35-08.700N 135-23-37.260W	Q W	14	6	NR on skeleton tower.	Obscured from 152° to 297°.
25290	Rodman Rock Buoy 1	57-29-46.451N 135-14-22.420W				Green can.	
25295	PESCHANI POINT LIGHT	57-32-17.160N 135-19-22.560W	Fl W 2.5s	15	6	NR on skeleton tower.	
25300	POINT BENHAM LIGHT	57-28-59.154N 135-11-51.702W	Fl W 4s	19	6	NR on square frame.	Obscured from 310° to 117°.
25305	MCCLELLAN ROCK LIGHT	57-27-10.830N 135-01-37.590W	Fl W 6s	17	7	NR on cylindrical pier.	
25310	FAIRWAY ISLAND LIGHT 32	57-26-34.218N 134-52-18.354W	Fl R 6s	55	4	TR on spindle.	Obscured from 297° to 098°.
25315	POINT CRAVEN LIGHT	57-27-47.754N 134-51-59.736W	Fl W 2.5s	35	5	NR on skeleton tower.	Obscured from 078° to 157°.
Khaz Bay							
25325	*Khaz Breaker Lighted Whistle Buoy 2*	57-31-11.957N 136-07-44.719W	Fl R 6s		4	Red.	
25330	Ninefoot Shoal Buoy 4	57-34-50.064N 136-05-48.238W				Red nun.	
25335	Klag Bay Entrance Daybeacon 1	57-36-42.336N 136-06-08.172W				SG on post.	
25340	The Gate Daybeacon A	57-36-47.412N 136-06-04.194W				NG on spindle.	
25345	Klag Island Daybeacon B	57-37-03.666N 136-06-00.704W				NR on pile.	
Ogden Passage							
25350	Snipe Rock Daybeacon 1	57-38-14.754N 136-10-42.067W				SG on spindle.	
25355	Dippy Island Rock Daybeacon 3	57-41-26.508N 136-07-38.544W				SG on spindle on pier.	
Portlock Harbor							
25360	Black Bay Rocks Daybeacon 4	57-42-19.350N 136-09-20.304W				TR on pile.	
25365	Minnie Reef Daybeacon 5	57-43-10.440N 136-10-20.162W				SG on spindle on concrete foundation.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)						
	Imperial Passage						
25370 1040	HILL ISLAND LIGHT	57-43-39.159N 136-16-35.987W	Fl W 4s	60	6	NR on square frame.	Obscured from 111° to 264°.
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)						
	Lisianski Strait						
25375 1050	- LIGHT 2	57-50-42.438N 136-26-07.634W	Fl R 4s	53	4	TR on square frame.	Obscured from 024° to 210°.
25380	- LIGHT 4	57-56-21.840N 136-21-37.860W	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	57-59-10.620N 136-22-36.360W				SG on spindle.	
25390	- LIGHT 6	57-59-23.502N 136-22-17.472W	Fl R 2.5s	25	4	TR on steel skeleton tower.	
25395	- LIGHT 8	58-00-09.384N 136-21-15.342W	Fl R 4s	15	4	TR on pile.	Obscured from 275° to 036°.
	Graves Harbor						
25400	- Daybeacon 2	58-17-07.518N 136-41-36.768W				TR on pile.	
	CROSS SOUND TO YAKUTAT BAY (Chart 16760)						
	Lituya Bay						
25405	- ENTRANCE RANGE FRONT LIGHT	58-37-35.637N 137-39-28.687W	Q W	29		KRW on skeleton tower.	Obscured from 048° to 348°; higher intensity on rangeline.
25410	- ENTRANCE RANGE REAR LIGHT 475 yards, 007.5° from front light.	58-37-42.591N 137-39-26.866W	Iso W 6s	41		KRW on skeleton tower.	Obscured from 170° to 222°; higher intensity on rangeline.
	Yakutat Bay						
25415 1085	OCEAN CAPE LIGHT	59-32-08.267N 139-51-19.818W	Fl W 6s	130	9	NR on skeleton tower.	Obscured from 134° to 309°.
25420 1090	*- Entrance Lighted Whistle Buoy 2*	59-31-59.124N 139-57-10.820W	Fl R 2.5s		4	Red.	
25425	*- Lighted Whistle Buoy 4*	59-35-33.928N 139-51-08.884W	Fl R 4s		4	Red.	
25430	- Buoy 6	59-42-34.419N 139-41-51.464W				Red nun.	
25435	- Buoy 8	59-41-25.039N 139-38-37.023W				Red nun.	
25440	KHANTAAK ISLAND LIGHT	59-33-35.478N 139-47-02.694W	Fl W 4s	28	6	NR on skeleton tower.	Obscured from 147° to 303°.
25445	*Yakutat Roads Lighted Buoy 1*	59-33-25.680N 139-45-51.190W	Fl G 2.5s		3	Green.	
25446	YAKUTAT ROADS LIGHT 2	59-34-03.570N 139-44-47.466W	Fl R 4s	12	2	TR on tower.	Obscured from 292° to 021°.
	CONTROLLER BAY (Chart 16723)						
	Controller Bay						
25450	MARTIN ISLANDS LIGHT	60-09-51.552N 144-36-21.702W	Fl W 6s	150	6	NR on skeleton tower.	Obscured from 174° to 255°.
	Copper River Delta						
	CAUTION: Only mariners with a thorough local knowledge of area should attempt passage into the Delta unless during emergency situations.						
25455	SOFTUK BAR CHANNEL LIGHT S	60-13-17.586N 144-58-58.080W	Oc (4)W 30s	12	6	NR on skeleton tower.	Maintained from May 1 to Oct 1.
25460	KOKENHENIC BAR CHANNEL LIGHT K	60-13-28.956N 145-09-32.346W	Fl W 4s	12	6	NR on skeleton tower.	Maintained from May 1 to Oct 1.
25465	GRASS ISLAND BAR CHANNEL LIGHT G	60-15-18.678N 145-18-02.964W	Fl W 6s	12	5	NR on skeleton tower.	Maintained from May 1 to Oct 1.
25470	PETER DAHL BAR CHANNEL LIGHT P	60-18-24.348N 145-32-42.678W	Fl W 2.5s	12	5	NR on skeleton tower.	Maintained from May 1 to Oct 1.
25475 1115	*Egg Island Lighted Whistle Buoy EI*	60-17-17.595N 145-43-11.947W	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
			ALASKA - Seventeenth District				
	CONTROLLER BAY (Chart 16723)						
	Copper River Delta						
	CAUTION: Only mariners with a thorough local knowledge of area should attempt passage into the Delta unless during emergency situations.						
25480 1120	EGG ISLAND LIGHT E	60-21-59.094N 145-45-18.780W	Fl W 6s	33	9	NR on skeleton tower.	
25483	POINT BENTINCK LIGHT	60-23-33.768N 146-05-33.186W	Fl W 4s	47	6	NR on skeleton tower.	
25485	*Strawberry Channel Entrance Lighted Whistle Buoy SC*	60-19-20.686N 145-59-50.107W	Mo (A) W		6	Red and white stripes.	
25490	- Buoy S	60-11-47.101N 144-56-32.138W				Red and white nun.	
25495	- Buoy K	60-11-33.051N 145-09-25.519W				Red and white nun.	
25500	- Buoy G	60-13-17.426N 145-20-27.517W				Red and white nun.	
25505	- Buoy P	60-15-56.204N 145-34-43.439W				Red and white nun.	
25510	MUMMY ISLAND LIGHT	60-27-43.705N 145-59-26.903W	Fl W 4s	21	5	NR on skeleton tower.	
	PRINCE WILLIAM SOUND (Chart 16700)						
	Prince William Sound						
25515 1130	SEAL ROCKS LIGHT	60-09-46.904N 146-50-17.728W	Fl W 6s	48	8	NR on skeleton tower.	RACON: K (– • –).
25520 1135	*Seal Rocks Shoal Lighted Whistle Buoy 1*	60-09-57.750N 146-44-52.941W	Fl G 4s		4	Green.	
25525	SCHOONER ROCK LIGHT 1	60-18-22.465N 146-54-28.452W	Fl G 6s	65	7	SG on pile.	Obscured from 358° to 129°.
25530	BEAR CAPE LIGHT 2	60-23-20.779N 146-43-46.137W	Fl R 6s	39	6	TR on skeleton tower.	Obscured from 209° to 011°.
25535	**Johnstone Point Light**	60-28-57.735N 146-36-50.626W	Fl W 5s	57	14	NR on skeleton tower. 57	Obscured from 256° to 052°.
25540	*Middle Ground Shoal Lighted Bell Buoy 2*	60-32-29.288N 146-22-05.684W	Fl R 6s		4	Red.	
	Orca Bay						
25545	GRAVINA POINT LIGHT 3	60-37-22.162N 146-15-13.246W	Fl G 6s	27	5	SG on skeleton tower.	Obscured from 120° to 264°.
25550	HANKS ISLAND ROCK LIGHT 5	60-36-03.120N 145-59-27.060W	Fl G 4s	12	4	SG on pile.	
25555	CHANNEL ISLAND ROCK LIGHT 7	60-36-30.840N 145-48-51.120W	Fl G 2.5s	12	4	SG on pile.	
25560	THE NARROWS LIGHT 8	60-36-10.272N 145-47-33.150W	Fl R 6s	12	5	TR on skeleton tower.	Higher intensity beam toward Orca Bay.
25565	- LIGHT 9	60-37-56.839N 145-45-05.330W	Fl G 6s	12	5	SG on skeleton tower.	Higher intensity beam down western channel.
25570	NORTH ISLAND ROCK LIGHT 10	60-37-40.224N 145-42-43.470W	Fl R 6s	14	4	TR on spindle.	
	Orca Inlet						
25575	- CHANNEL LIGHT 12	60-37-31.421N 145-41-33.115W	Fl R 4s	10	3	TR on pile.	
25580	- Channel Daybeacon 14	60-36-49.525N 145-41-53.331W				TR on pile.	
25585	- CHANNEL LIGHT 15	60-36-46.044N 145-41-33.138W	Fl G 4s	15	4	SG on pile.	
25590	- CHANNEL LIGHT 16	60-35-53.292N 145-42-35.568W	Fl R 2.5s	10	3	TR on pile.	
25595	- CHANNEL LIGHT 18	60-34-31.993N 145-44-41.442W	Fl R 4s	12	4	TR on pile.	
25600	- CHANNEL JUNCTION LIGHT OI	60-33-56.154N 145-45-40.578W	Fl (2+1)R 6s	10	4	JR on spindle pile.	
25601	CORDOVA CONTAINMENT DOCK NORTH LIGHT	60-33-07.420N 145-45-48.200W	Fl R 4s	25		On pier.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	PRINCE WILLIAM SOUND (Chart 16700)						
	Orca Inlet						
25602	CORDOVA CONTAINMENT DOCK SOUTH LIGHT	60-33-05.650N 145-45-51.070W	Fl R 4s	25		On pier.	Private aid.
25605	SPIKE ISLAND LIGHT	60-33-00.706N 145-46-13.952W	Fl W 6s	35	6	NR on skeleton tower.	
25610	CORDOVA BOAT HARBOR LIGHT 2	60-32-48.292N 145-46-07.003W	Fl R 4s	16	4	TR on skeleton tower.	
	Orca Inlet South Channel						
	Buoys maintained from May 1 to Oct 1. Positioned to mark best passage. Route requires local knowledge, extreme caution due to shifting shoals.						
25615	- Buoy 1	60-27-24.792N 145-59-02.022W				Green can.	
25615.1	- Buoy 2	60-27-21.816N 145-59-02.430W				Red nun.	
25615.15	- Buoy 1A	60-27-37.788N 145-58-47.004W				Green can	
25615.2	- Buoy 2A	60-27-34.422N 145-58-38.460W				Red nun.	
25615.25	- Buoy 3	60-27-56.448N 145-58-38.034W				Green can.	
25615.3	- Buoy 4	60-28-06.426N 145-58-12.042W				Red nun.	
25615.35	- Buoy 5	60-28-26.082N 145-57-20.952W				Green can.	
25615.4	- Buoy 6	60-28-22.842N 145-57-13.086W				Red nun.	
25615.45	- Buoy 7	60-28-55.302N 145-56-09.804W				Green can.	
25615.5	- Buoy 8	60-28-50.640N 145-56-05.700W				Red nun.	
25615.55	- Buoy 9	60-29-28.308N 145-55-19.770W				Green can.	
25615.6	- Buoy 10	60-29-25.686N 145-55-16.230W				Red nun.	
25615.65	- Buoy 11	60-30-02.730N 145-54-48.876W				Green can.	
25615.7	- Buoy 12	60-30-00.054N 145-54-40.752W				Red nun.	
25615.75	- Buoy 13	60-30-43.380N 145-54-21.648W				Green can.	
25615.8	- Buoy 14	60-31-00.912N 145-53-50.232W				Red nun.	
25615.85	- Buoy 16	60-31-45.846N 145-52-51.564W				Red nun.	
25615.9	- Buoy 18	60-32-50.640N 145-49-53.724W				Red nun.	
	Orca Inlet						
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 145-45-41.508W	Fl R 4s	30	3	TR on skeleton tower.	
25635	- *West Channel Lighted Buoy 3*	60-35-02.558N 145-45-07.471W	Fl G 2.5s		3	Green.	
25640	- *West Channel Lighted Buoy 4*	60-34-34.806N 145-45-28.557W	Fl R 2.5s		4	Red.	
25645	*Knowles Head Shoal Lighted Bell Buoy 4*	60-40-41.959N 146-43-39.486W	Fl R 4s		3	Red.	
25646	*NOAA Data Lighted Buoy 46060*	60-35-33.000N 146-49-05.000W	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	PRINCE WILLIAM SOUND (Chart 16700)						
25647	*NOAA Data Lighted Buoy 46081*	60-47-40.394N 148-17-04.604W	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
	Orca Inlet						
25650	RED HEAD LIGHT	60-40-12.672N 146-30-13.908W	Fl W 4s	38	6	NR on skeleton tower.	Obscured from 134° to 308°.
25655	GOOSE ISLAND LIGHT	60-42-46.944N 146-43-38.352W	Fl W 6s	38	6	NR on skeleton tower.	Obscured from 151° to 313°.
25662	BLIGH REEF LIGHT	60-50-20.399N 146-53-02.262W	Fl W 4s	59	9	NR on pile structure	RACON: B (– •••).
25665	GLACIER ISLAND LIGHT	60-52-20.010N 147-05-31.128W	Fl W 6s	38	9	NR on skeleton tower.	Obscured from 040° to 225°.
25670	BUSBY ISLAND LIGHT	60-53-43.289N 146-49-01.002W	Fl W 6s (R Sector)	48	W 9 R 6	NR on skeleton tower.	Obscured from 245° to 003°. Red from 003° to 044°.
	Tatitlek Narrows						
25673	- Rock Daybeacon	60-51-26.062N 146-40-36.428W				NR on spindle.	
25675	- Daybeacon 1	60-51-13.304N 146-41-16.039W				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.
25680	- Daybeacon 2	60-51-48.819N 146-41-44.689W				TR on spindle.	
25685	- Daybeacon 4	60-52-06.625N 146-42-26.274W				TR on pile.	
25690	- Daybeacon 6	60-52-26.456N 146-42-40.477W				TR on spindle.	
25695	- Daybeacon 8	60-53-34.350N 146-43-12.060W				TR on spindle.	
	Valdez Arm						
25700	- *Lighted Buoy 9*	60-57-09.082N 146-52-31.339W	Fl G 4s		4	Green.	
25705	ROCKY POINT LIGHT 10	60-57-02.094N 146-46-06.162W	Fl R 4s	38	5	TR on skeleton tower.	Obscured from 211° to 335°.
25715	POTATO POINT LIGHT 11	61-03-22.836N 146-41-47.874W	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	61-03-16.093N 146-41-38.336W				Green can.	
25725	ENTRANCE POINT LIGHT 12	61-03-47.100N 146-39-43.403W	Fl (2)R 5s	38	5	TR on skeleton tower.	Obscured from 210° to 000°.
25730	MIDDLE ROCK LIGHT 13	61-04-51.900N 146-39-10.600W	Q G	30	7	SG on concrete pier.	Higher intensity beam down Valdez Arm.
	Port Valdez						
25735	ENTRANCE ISLAND LIGHT 14	61-05-05.364N 146-36-48.702W	Fl R 2.5s	38	5	TR on skeleton tower.	Obscured from 266° to 063°.
25740	- LIGHT 15	61-07-20.657N 146-34-00.955W	Fl 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)*	61-05-29.000N 146-25-45.000W	Fl Y 4s			Yellow with white reflector.	Mooring for oil containment boom. Private aid.
25754	Mineral Creek Coast Guard Mooring Buoy	61-07-45.280N 146-27-06.584W				White with blue band.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	PRINCE WILLIAM SOUND (Chart 16700)						
	Port Valdez						
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 146-21-13.543W	Fl R 4s	22	5	TR on skeleton tower.	
25820	VALDEZ BOAT HARBOR LIGHT 3	61-07-23.743N 146-21-18.907W	Fl G 4s	33	4	SG on skeleton tower.	
25822	- SERVS DOCK LIGHTS (2)	61-07-20.000N 146-20-35.000W	F R	13		On dolphins.	Private aid.
25823	*Valdez Security Zone Lighted Buoy A*	61-06-00.044N 146-25-41.883W	Fl 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 146-21-30.151W	Fl 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.
	Naked Island						
25826	- *Lighted Mooring Buoy A*	60-40-19.731N 147-21-08.444W	Fl W 2.5s			White with blue band.	Private aid.
25828	- *Lighted Mooring Buoy C*	60-38-34.797N 147-27-50.150W	Fl W 2.5s			White with blue band.	Private aid.
	PRINCE WILLIAM SOUND (Chart 16700)						
25830	*Smith Island Lighted Bell Buoy 1*	60-32-01.375N 147-17-15.003W	Fl G 2.5s		4	Green.	
25835	Pennsylvania Rock Buoy 2	60-26-43.213N 147-24-08.836W				Red nun.	
25840	SEAL ISLAND LIGHT	60-25-46.908N 147-24-56.132W	Fl W 4s	45	6	NR on skeleton tower.	Obscured from 273° to 032°.
25845	APPLEGATE SHOALS LIGHT	60-21-18.687N 147-23-33.849W	Fl W 2.5s	24	6	NR on skeleton tower.	
25850	POINT ELEANOR LIGHT	60-34-50.734N 147-33-47.261W	Fl W 6s	45	6	NR on skeleton tower.	Obscured from 301° to 091°.
25855	*Lone Island Shoal Lighted Bell Buoy 2*	60-38-13.654N 147-47-16.319W	Fl R 4s		4	Red.	
25860	PERRY ISLAND LIGHT	60-39-17.004N 147-55-57.288W	Fl W 6s	35	6	NR on skeleton tower.	Obscured from 126° to 266°.
25865	CULROSS ISLAND LIGHT	60-44-50.260N 148-06-48.717W	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	60-47-07.731N 148-06-01.321W	Fl W 6s	31	6	NR on skeleton tower.	Obscured from 108° to 276°.
	Passage Canal						
25875	POINT PIGOT LIGHT	60-48-02.928N 148-21-25.483W	Fl W 6s	25	7	NR on skeleton tower.	Obscured from 100° to 247°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	PRINCE WILLIAM SOUND (Chart 16700)						
	Passage Canal						
25880	DECISION POINT LIGHT	60-48-21.515N 148-27-20.449W	Fl W 4s	35	6	NR on skeleton tower.	Obscured from 315° to 105°.
25885	TRINITY POINT LIGHT	60-48-23.330N 148-34-05.653W	Fl W 6s	39	6	NR on skeleton tower.	Obscured from 262° to 079°.
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	60-46-41.032N 148-41-34.465W	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.
	Port Nellie Juan						
25905	- LIGHT	60-35-51.768N 148-06-07.494W	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.
	Knight Island Passage						
25910	CRAFTON ISLAND LIGHT	60-30-42.017N 147-56-03.990W	Fl W 4s	70	6	NR on skeleton tower.	Obscured from 328° to 146°.
25915	NEW YEARS ISLAND LIGHT	60-18-46.146N 147-55-04.188W	Fl W 6s	23	6	NR on skeleton tower.	Obscured from 193° to 316°.
25920	PLEIADES LIGHT	60-14-22.968N 148-00-37.608W	Fl W 4s	30	6	NR on skeleton tower.	Obscured from 343° to 131°.
25925	POINT HELEN LIGHT	60-09-11.286N 147-45-58.872W	Fl W 6s	35	6	NR on skeleton tower.	Obscured from 082° to 228°.
	Sawmill Bay						
25930	- Daybeacon 1	60-03-07.140N 148-01-24.840W				SG on pile.	
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	Fl R 6s	23		On pier.	Private aid.
25936.5	- DOCK WEST LIGHT	60-03-47.810N 148-00-32.540W	Fl 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	60-03-12.864N 148-02-12.822W	Fl G 4s	14	5	SG on skeleton tower.	Obscured from 293° to 062°.
25950	- Daybeacon 5	60-03-00.300N 148-03-14.160W				SG on pile.	
	Elrington Passage						
25965	- LIGHT	60-02-46.153N 148-00-39.612W	Fl W 6s	25	6	NR on skeleton tower.	Obscured from 061° to 270°.
25970	EVANS ISLAND LIGHT	59-59-06.306N 148-07-28.272W	Fl W 2.5s	20	5	NR on skeleton tower.	Obscured from 084° to 249°.
25975	LONETREE POINT LIGHT	59-58-56.148N 148-12-00.301W	Fl W 4s	30	6	NR on skeleton tower.	Obscured from 280° to 063°.
25977	Hogg Bay Coast Guard Mooring Buoy	60-04-10.335N 148-11-54.706W				White cylinder with blue band.	
25980	POINT ELRINGTON LIGHT	59-56-09.060N 148-15-02.327W	Fl W 6s	30	7	NR on skeleton tower.	Obscured from 198° to 354°.
	Montague Strait						
25981	*NOAA Data Lighted Buoy 46107*	59-55-51.215N 147-59-52.795W	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	PRINCE WILLIAM SOUND (Chart 16700)						
	Montague Strait						
25982	*NOAA Data Lighted Buoy 46076*	59-29-58.456N 147-58-54.019W	Fl (4)Y 20s			Yellow boat shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
	POINT ELRINGTON TO EAST CHUGACH ISLAND (Chart 16680)						
	Resurrection Bay						
25985 1140	RUGGED ISLAND LIGHT	59-50-17.689N 149-22-26.295W	Fl W 6s	438	7	NR on steel skeleton tower.	Obscured from 059° to 111° and from 114° to 221°.
25995	CAINES HEAD LIGHT	59-58-59.300N 149-23-16.084W	Fl W 4s	35	6	NR on pile.	Obscured from 043° to 214°.
26000	THUMB COVE LIGHT	60-00-25.119N 149-20-02.356W	Fl W 6s	42	6	NR on pile.	Obscured from 108° to 249°.
26002	Thumb Cove Fish Pen Warning Daybeacons	60-00-15.969N 149-21-01.697W					Private aid.
26005	4TH OF JULY SOUTH BREAKWATER LIGHT	60-05-06.000N 149-21-36.000W	Fl R 4s	9		On pedestal.	Private aid.
26007	SEWARD FOREST PRODUCTS DOCK LIGHTS (2)	60-05-44.979N 149-21-33.715W	Fl 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	60-06-49.261N 149-26-01.692W	Fl G 2.5s	12	5	SG on pile.	
26020	SEWARD EAST BREAKWATER LIGHT 2	60-06-54.060N 149-25-58.362W	Fl R 4s	16	5	TR on skeleton tower.	
26025	SEWARD WEST BREAKWATER LIGHT 3	60-06-55.765N 149-26-03.128W	Fl G 4s	16	5	SG on skeleton tower.	
26030	*Railroad Pier Lighted Buoy 2*	60-06-55.770N 149-25-26.710W	Fl R 2.5s		4	Red.	
26034	*Seward Coal Dock Lighted Buoy*	60-06-46.423N 149-25-47.214W	Q W			White with orange bands.	Private aid.
26035	Seward Coal Dock Mooring Buoy	60-06-48.048N 149-25-47.069W				White with blue band.	Private aid.
26040	SEWARD COAL DOLPHIN LIGHT	60-06-52.188N 149-25-38.994W	Fl G 6s	10		On pile dolphin.	Private aid.
26043	SEWARD CARGO DOCK MOORING DOLPHIN LIGHT	60-07-00.610N 149-25-37.860W	Fl R 6s	24		On dolphin.	Private aid.
26045	ALASKA RAILROAD DOCK WEST LIGHT	60-07-07.000N 149-25-33.000W	F R	31		On post on dock.	Private aid.
26050	ALASKA RAILROAD DOCK EAST LIGHT	60-07-07.000N 149-25-29.000W	F R	31		On post on dock.	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.
	McArthur Pass						
26055	- LIGHT	59-27-47.425N 150-20-12.056W	Fl W 4s	45	6	NR on skeleton tower.	Obscured from 074° to 256°.
	COOK INLET (Southern Part) (Chart 16640)						
	Cook Inlet						
	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.						
26065 1155	EAST CHUGACH LIGHT	59-06-22.674N 151-26-37.087W	Fl W 6s	325	7	NR on skeleton tower.	Obscured from 118° to 227°.
26070	PERL ISLAND LIGHT 1	59-07-04.156N 151-38-24.377W	Fl G 2.5s	80	5	SG on skeleton tower.	Obscured from 311° to 117°.
26075	*Chugach Passage Lighted Buoy 2*	59-09-02.064N 151-45-23.319W	Fl R 2.5s		4	Red.	
26080	*Chugach Passage Lighted Buoy 3*	59-10-51.575N 151-47-33.217W	Fl G 4s		4	Green.	
26085	PORT CHATHAM ENTRANCE LIGHT	59-12-32.897N 151-46-34.127W	Fl W 2.5s	40	6	NR on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	COOK INLET (Southern Part) (Chart 16640)						
	Cook Inlet						
	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.						
26090	Port Chatham Junction Buoy PC	59-12-48.377N 151-46-32.905W				Green and red bands; can.	
26091	Port Chatham CG Mooring Buoy	59-12-59.800N 151-44-00.200W				White with blue stripe.	
26095	PERL ROCK LIGHT	59-05-23.400N 151-41-41.400W	Fl W 4s	66	8	NR on skeleton tower.	
26097	*NOAA Data Lighted Buoy 46105*	59-02-58.006N 152-13-48.010W	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
26100 1160	EAST AMATULI ISLAND LIGHT	58-54-56.598N 151-57-07.824W	Fl W 6s	120	8	NR on skeleton tower.	Obscured from 076° to 147°.
26105	CAPE ELIZABETH LIGHT	59-08-47.354N 151-52-36.430W	Fl W 6s	48	9	NR on skeleton tower.	
26110	FLAT ISLAND LIGHT	59-19-51.495N 151-59-41.631W	Fl W 4s	70	8	NR on skeleton tower.	
	Port Graham						
26115	- Entrance Shoal Buoy 1	59-22-43.521N 151-54-16.357W				Green can.	
26120	- ENTRANCE LIGHT	59-22-20.902N 151-53-06.796W	Fl W 4s	50	5	NR on small house.	Obscured from 313° to 070°.
26125	- Daybeacon 3	59-22-23.544N 151-52-32.734W				SG on tower.	
26130	- Daybeacon 4	59-22-06.600N 151-52-24.378W				TR on pile.	
26135	North Spit Daybeacon 5	59-21-47.118N 151-51-36.546W				SG on pile.	
26140	- Daybeacon 6	59-21-21.880N 151-50-13.930W				TR on pile.	
26145	POINT POGIBSHI LIGHT	59-25-27.954N 151-53-12.894W	Fl W 2.5s	94	6	NR on skeleton tower.	
	Seldovia Bay						
26150	- ENTRANCE LIGHT	59-27-07.699N 151-43-15.809W	Fl W 6s	64	7	NR on small house.	Obscured from 202° to 080° and from 088° to 098°.
26155	- *Lighted Buoy 1*	59-26-51.127N 151-43-25.978W	Fl G 2.5s		4	Green.	
26160	- *Lighted Buoy 2*	59-26-47.154N 151-43-30.800W	Fl R 4s			Red.	
26165	- LIGHT 3	59-26-32.623N 151-43-16.965W	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	59-26-24.547N 151-43-28.751W				Red.	
26180	SELDOVIA BREAKWATER LIGHT 5	59-26-17.230N 151-43-08.193W	Fl G 2.5s	22	3	SG on skeleton tower.	
	Kachemak Bay						
26185	Tutka Bay Buoy 2	59-29-31.409N 151-33-09.070W				Red nun.	
26190	SIXTY FOOT ROCK LIGHT	59-33-01.124N 151-28-02.492W	Fl W 4s	79	8	NR on skeleton tower.	Higher intensity beam from 060° to 120°.
26195	*Archimandritof Shoal Lighted Buoy 1*	59-35-29.803N 151-26-10.616W	Fl G 2.5s		3	Green.	
26200	HOMER SPIT LIGHT 3	59-36-01.905N 151-24-34.415W	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	COOK INLET (Southern Part) (Chart 16640)						
	Kachemak Bay						
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	59-36-14.265N 151-24-53.427W	Q R	20	4	TR on skeleton tower.	
26216	*Homer Deepwater South Lighted Mooring Buoy*	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	*Homer Deepwater North Lighted Mooring Buoy*	59-36-28.590N 151-24-55.360W	Fl W 6s			White with blue band.	Private aid.
26225	GULL ISLAND LIGHT 4	59-35-04.616N 151-19-45.743W	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.
26230	HALIBUT COVE LIGHT 2	59-36-00.962N 151-12-52.760W	Fl R 6s	70	4	TR on small house.	Obscured from 024° to 119°.
26245	Halibut Cove Daybeacon 4	59-35-46.041N 151-12-36.249W				TR on tower.	
26250	ANCHOR POINT LIGHT	59-46-08.914N 151-52-01.144W	Fl W 6s	41	8	NR on skeleton tower.	Obscured 174° to 346.5°.
26253	*AOOS Data Lighted Buoy 175*	59-45-36.000N 152-05-24.000W	Fl (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	60-03-16.938N 151-39-53.310W	Fl W 4s	25	5	NR on tower.	Use only with local knowledge.
26260	Ninilchik Rock Sill North Daybeacon	60-03-16.042N 151-39-52.036W				NW on pile worded DANGER SUBMERGED ROCK SILL.	Use only with local knowledge.
26265	Ninilchik Rock Sill South Daybeacon	60-03-16.602N 151-39-56.202W				NW on pile worded DANGER SUBMERGED ROCK SILL 66 YARDS.	Use only with local Knowledge.
26270	*Lower Cook Inlet Junction Lighted Bell Buoy CI*	60-04-41.453N 152-09-50.723W	Fl (2+1)G 6s		4	Green and red bands.	Maintained from May 1 to Nov. 1.
26275	CHISIK ISLAND LIGHT	60-05-45.263N 152-33-41.645W	Fl W 4s	215	8	NR on skeleton tower.	
	COOK INLET (Northern Part) (Chart 16660)						
	Cook Inlet						
26280	KALGIN ISLAND SOUTH LIGHT	60-20-40.310N 152-05-05.555W	Fl W 2.5s	65	6	NR on skeleton tower.	
26285	HARRIET POINT LIGHT	60-23-46.046N 152-14-14.644W	Fl 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	60-29-05.754N 151-50-17.485W	Fl W 4s	140	7	NR on skeleton tower.	Obscured from 022° to 162°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
COOK INLET (Northern Part) (Chart 16660)							
Cook Inlet							
26305	*Kasilof Entrance Channel Lighted Buoy 1*	60-23-21.882N 151-23-37.970W	Fl G 2.5s		4	Green.	Maintained from May 1 to Nov. 1.
26310	KASILOF RIVER CHANNEL LIGHT	60-23-14.523N 151-18-53.939W	Iso W 6s	30	6	NR on skeleton tower.	Maintained from May 1 to Nov. 1.
26315	Kasilof Entrance Channel Buoy 2	60-23-15.660N 151-19-36.917W				Red nun.	Maintained from May 1 to Nov 1.
26315.1	Kasilof Entrance Channel Buoy 3	60-23-17.040N 151-19-35.309W				Green can.	Maintained from May 1 to Nov 1.
26315.2	Kasilof Entrance Channel Buoy 4	60-23-14.227N 151-19-21.055W				Red nun.	Maintained from May 1 to Nov 1.
26315.3	Kasilof Entrance Channel Buoy 5	60-23-18.601N 151-18-57.802W				Green can.	Maintained from May 1 to Nov 1.
26315.4	Kasilof Entrance Channel Buoy 6	60-23-19.118N 151-18-49.013W				Red nun.	Maintained from May 1 to Nov 1.
26315.5	Kasilof Entrance Channel Buoy 7	60-23-19.424N 151-18-52.894W				Green can.	Maintained from May 1 to Nov 1.
26315.6	Kasilof Entrance Channel Buoy 8	60-23-28.877N 151-18-37.412W				Red nun.	Maintained from May 1 to Nov 1.
26315.65	Kasilof Entrance Channel Buoy 9	60-23-31.432N 151-18-35.713W				Green can.	Maintained from May 1 to Nov 1.
26315.7	Kasilof Entrance Channel Buoy 10	60-23-29.006N 151-18-27.254W				Red nun.	Maintained from May 1 to Nov 1.
26315.8	Kasilof Entrance Channel Buoy 11	60-23-29.278N 151-18-23.623W				Green can.	Maintained from May 1 to Nov 1.
26315.9	Kasilof Entrance Channel Buoy 13	60-23-25.921N 151-18-17.442W				Green can.	Maintained from May 1 to Nov 1.
26320	*Kenai Entrance Channel Lighted Buoy 1KE*	60-31-15.927N 151-20-38.018W	Fl G 4s		5	Green.	Maintained from May 1 to Nov. 1.
26325	KENAI RIVER LIGHT 3	60-33-00.332N 151-15-44.534W	Fl G 2.5s	20	4	SG on multi-pile structure.	
26330	NIKISKI SECTOR LIGHT	60-38-10.744N 151-20-58.872W	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	60-43-09.822N 151-24-26.588W	Fl W 6s	294	9	NR on skeleton tower.	Obscured from 208° to 010°.
26360	East Foreland Buoy 2	60-42-21.972N 151-30-38.077W				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 continuosly. 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	COOK INLET (Northern Part) (Chart 16660)						
	Cook Inlet						
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	60-41-46.000N 151-40-10.000W	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.
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	Fl W 2.5s	13		On pier.	Private aid.
26366	NORTH COOK INLET OIL PLATFORM LIGHT "PHILLIPS-A"	61-04-34.000N 150-57-00.000W	Q W	65		(4) lights on Phillips Oil Platform	HORN: 1 blast ev 20s (2s bl). Operates continuously. Private aid.
26367	*Middle Ground Shoal Lighted Buoy 3*	60-54-24.025N 151-17-36.175W	Fl G 4s		4	Green	
26378	SUSITNA FLATS LIGHT	61-15-10.000N 150-29-17.000W	Fl W 4s	19	9	On skeleton tower.	RACON: K (– • –)
26384	- *Lighted Bell Buoy 6*	61-08-59.702N 150-20-01.326W	Fl R 2.5s		3	Red.	Maintained from May 1 to Nov. 1.
26390	WEST POINT LIGHT	61-07-33.731N 150-16-55.878W	Fl W 6s	30	7	NR on skeleton tower.	
26405	RACE POINT LIGHT	61-10-02.616N 150-13-30.180W	Fl W 2.5s	170	7	NR on skeleton tower.	Obscured from 235° to 038°.
26410	FIRE ISLAND RANGE FRONT LIGHT	61-10-20.633N 150-11-59.634W	Q W	107		KRB on multi-pile structure.	Visible 4° each side of rangeline.
26415	FIRE ISLAND RANGE REAR LIGHT 433 yards, 242° from front light.	61-10-13.564N 150-12-27.205W	Iso W 6s	145		KRB on multi-pile structure.	Visible 4° each side of rangeline.
26420	*Knik Arm Shoal Lighted Buoy 7*	61-12-13.016N 150-05-22.997W	Q G		4	Green.	Maintained from May 1 to Nov. 1.
26435	POINT WORONZOF RANGE FRONT LIGHT	61-12-06.335N 150-01-22.962W	Oc G 4s	75		KRW on single pile.	Visible 4° each side of rangeline. Lighted throughout 24 hours.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	COOK INLET (Northern Part) (Chart 16660)						
	Cook Inlet						
26440	POINT WORONZOF RANGE REAR LIGHT 300 yards, 079° from front light.	61-12-07.897N 150-01-06.234W	F G	162		KRW on multi-pile structure.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
26445	POINT MACKENZIE LIGHT	61-14-17.579N 149-59-13.998W	Fl W 6s	80	7	NR on skeleton tower.	Obscured from 106° to 255°.
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.
	KODIAK ISLAND (Chart 16580)						
	Marmot Strait						
26460 1170	TONKI CAPE LIGHT	58-21-08.880N 151-59-11.574W	Fl W 4s	75	8	NR on skeleton tower.	
	Marmot Bay						
26463	OUZINKIE BREAKWATER LIGHT 2	57-55-15.160N 152-29-47.610W	Fl R 6s	23	4	TR on breakwater.	
26465	PROKODA ISLAND LIGHT 2	57-54-38.105N 152-30-22.553W	Fl R 4s	40	4	TR on small house.	Higher intensity beam toward 120°. Obscured from 148° to 274°.
26470	Ouzinkie Narrows Daybeacon 4	57-54-41.021N 152-30-47.377W				TR on spindle.	
26475	*Entrance Point Shoal Lighted Buoy 5*	57-54-48.254N 152-31-40.053W	Fl G 2.5s		3	Green.	
26480	Three Brothers Reef Buoy 6	57-55-07.356N 152-32-42.859W				Red nun.	
26485	Low Island Reef Buoy 7	57-55-01.355N 152-32-55.860W				Green can.	
26490	THREE BROTHERS LIGHT 8	57-55-26.162N 152-33-13.677W	Fl R 4s	32	3	TR on skeleton tower on concrete pier.	
26495	SHAKMANOF POINT LIGHT	57-55-30.510N 152-35-16.102W	Fl W 6s	60	6	NR on skeleton tower.	
	Afognak Bay						
26500	Skipwith Reefs Buoy 2	58-00-39.392N 152-39-19.885W				Red nun.	
26505	HOG ISLAND LIGHT	58-00-06.620N 152-41-10.462W	Fl W 4s	40	6	NR on skeleton tower.	Obscured from 110° to 190°.
	Whale Passage						
26510	ILKOGNAK ROCK LIGHT	57-54-49.083N 152-47-02.122W	Fl W 4s	18	5	NR on pile.	
26513	Shag Rocks Daybeacon 1	57-54-28.980N 152-47-30.120W				SG on tower.	
26515	Yuzhni Point Buoy 2	57-55-09.369N 152-47-02.930W				Red nun.	
26517	- Daybeacon 3	57-54-52.626N 152-48-13.800W				SG on tower.	
26520	- Daybeacon 4	57-55-24.960N 152-47-57.480W				TR on tower.	
26525	KONIUJI ISLAND LIGHT 5	57-55-46.752N 152-50-19.429W	Fl G 2.5s	70	4	SG on skeleton tower.	
	Kizhuyak Bay						
26530	Settler Cove Daybeacon 1	57-52-19.641N 152-51-40.960W				SG on pile.	
26535	SETTLER COVE BREAKWATER LIGHT 2	57-52-10.182N 152-51-47.271W	Fl R 2.5s	24	4	TR on single pile.	
26540	*Port Wakefield Lighted Buoy 2*	57-51-32.771N 152-51-37.121W	Fl R 4s		4	Red.	
	Uyak Bay						
26545 1175	*Williams Reef Lighted Whistle Buoy 1*	57-50-16.594N 152-09-27.742W	Fl G 4s		5	Green.	
26550	*Kodiak North Entrance Channel Lighted Whistle Buoy 3*	57-50-52.705N 152-13-43.466W	Fl G 6s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	KODIAK ISLAND (Chart 16580)						
	Uyak Bay						
26555	*Hutchinson Reef Lighted Whistle Buoy 4*	57-49-58.407N 152-17-25.391W	Fl R 4s		4	Red.	
26560	HANIN ROCK LIGHT	57-50-04.501N 152-18-52.270W	Q W	43	6	Skeleton tower.	
26565	*Kodiak North Entrance Channel Lighted Whistle Buoy 5*	57-49-18.883N 152-17-59.887W	Fl G 2.5s		4	Green.	
26570	*Kodiak North Entrance Channel Lighted Whistle Buoy 7*	57-48-54.342N 152-18-41.936W	Fl G 4s		5	Green.	
26575	*Kodiak North Entrance Channel Lighted Buoy 8*	57-48-44.302N 152-19-32.809W	Fl R 2.5s		4	Red.	
26580	**Spruce Cape Light**	57-49-19.860N 152-19-30.864W	Fl W 10s	40	18	NR on skeleton tower. 20	
26585	*Kodiak North Entrance Channel Lighted Buoy 10*	57-48-10.300N 152-20-47.819W	Fl R 6s		4	Red.	
26590	WOODY ISLAND LIGHT	57-47-46.062N 152-20-17.772W	Fl W 6s	50	5	NR on skeleton tower.	Obscured from 228° to 040°.
26595	Kodiak North Entrance Channel Buoy 11	57-47-40.507N 152-20-56.592W				Green can.	
26600	*Kodiak North Entrance Channel Lighted Bell Buoy KH*	57-47-44.698N 152-21-32.826W	Fl (2+1)R 6s		4	Red and green bands.	
26605	Kodiak North Entrance Channel Buoy 13	57-47-22.696N 152-22-06.331W				Green can.	
26610	*Cyane Rock Lighted Bell Buoy 15*	57-47-25.938N 152-23-12.227W	Q G		4	Green.	
26615	KODIAK FERRY DOCK LIGHTS (2)	57-47-12.000N 152-24-00.000W	F R	18		Pedestal.	Private aid.
26620	Kodiak Boat Harbor Daybeacon 2	57-47-06.420N 152-24-30.480W				TR on pile.	
26630	KODIAK BOAT HARBOR LIGHT 1	57-47-05.313N 152-24-35.630W	Fl G 4s	18	4	SG on skeleton tower.	
	St. Herman Harbor						
26635	- North Entrance Daybeacon 1	57-46-57.465N 152-24-32.525W				SG on pile.	
26640	- NORTH ENTRANCE LIGHT 2	57-46-56.464N 152-24-34.460W	Fl R 6s	17	4	TR on skeleton tower.	
	Woody Island						
26645	- *Channel Lighted Buoy 2*	57-47-08.503N 152-21-43.130W	Fl R 2.5s		3	Red.	
26650	- Channel Buoy 3	57-46-46.091N 152-21-49.932W				Green can.	
26655	- Channel Buoy 4	57-46-36.391N 152-22-17.136W				Red nun.	
26660	- *Channel Lighted Buoy 5*	57-45-35.024N 152-22-22.342W	Fl G 6s		4	Green.	
26665	- Channel Buoy 6	57-45-06.281N 152-23-58.852W				Red nun.	
	St. Paul Harbor						
26675	- *Entrance Midchannel Lighted Whistle Buoy SP*	57-44-03.276N 152-24-19.857W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
26680	- ENTRANCE LIGHT	57-44-19.388N 152-25-48.347W	Fl W 6s	38	7	NR on spindle tower.	RACON: N (– •).
26685	- *Entrance Channel Lighted Bell Buoy 2*	57-44-28.279N 152-25-09.860W	Fl R 4s		4	Red.	
26690	- *Entrance Channel Lighted Whistle Buoy 3*	57-44-25.178N 152-25-31.861W	Fl G 2.5s		3	Green.	
26695	- Entrance Channel Buoy 5	57-44-28.470N 152-26-05.400W				Green can.	
26700	- *Entrance Channel Lighted Bell Buoy 6*	57-45-07.283N 152-26-51.864W	Q R		4	Red.	
26705	- *Entrance Channel Lighted Buoy 7*	57-45-22.414N 152-27-06.972W	Fl G 2.5s		3	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	KODIAK ISLAND (Chart 16580)						
	St. Paul Harbor						
26715	*Gull Island Rocks Lighted Buoy 8*	57-46-33.293N 152-25-56.653W	Fl R 6s		4	Red.	
	St. Herman Harbor						
26730	- South Approach Buoy 1	57-46-27.292N 152-25-20.351W				Green can.	
26732	- SOUTH ENTRANCE LIGHT 3	57-46-28.299N 152-25-04.325W	Fl G 4s	5	4	SG on spindle.	
26733	- SOUTH ENTRANCE LIGHT 4	57-46-25.247N 152-25-05.441W	Fl R 6s	25	4	TR on spindle.	
26735	- South Entrance Daybeacon 7	57-46-41.933N 152-25-00.163W				SG on pile.	
	St. Paul Harbor						
26740	CONTAINER TERMINAL PIER 3 LIGHTS (4)	57-46-54.000N 152-26-00.000W	F R	18		On pier.	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.
26755	*Gull Island Lighted Buoy 10*	57-46-54.546N 152-25-13.624W	Fl R 2.5s		4	Red.	
26760	- Entrance Channel Buoy 11	57-47-02.003N 152-24-41.190W				Green can.	
	Womens Bay						
26765	- FRONT RANGE LIGHT	57-43-23.993N 152-28-50.455W	Q W	43		KRB on skeleton tower.	
26770	- REAR RANGE LIGHT 630 yards, 211° from front light.	57-43-07.263N 152-29-09.325W	Oc W 4s	90		KRB on skeleton tower.	
26780	- Entrance Channel Buoy 2	57-44-21.179N 152-27-53.372W				Red nun.	
26785	*- Entrance Channel Lighted Bell Buoy 3*	57-44-17.162N 152-27-43.386W	Fl G 2.5s		4	Green.	
26790	- Entrance Channel Buoy 5	57-43-57.277N 152-28-07.875W				Green can.	
26795	*- Entrance Channel Lighted Buoy 6*	57-43-48.337N 152-28-27.707W	Fl R 2.5s		4	Red.	
26800	*- Entrance Channel Lighted Bell Buoy 7*	57-43-45.116N 152-28-21.526W	Fl G 4s		4	Green.	
26805	*- Entrance Channel Lighted Buoy 8*	57-43-39.406N 152-28-43.618W	Fl R 4s		3	Red.	
26810	- Entrance Channel Buoy 9	57-43-32.875N 152-28-41.119W				Green can.	
26815	*- Entrance Channel Lighted Buoy 11*	57-43-24.825N 152-29-25.302W	Fl G 6s		4	Green.	
26820	- Entrance Channel Buoy 12	57-43-24.695N 152-30-00.885W				Red nun.	
26825	*- Entrance Channel Lighted Buoy 13*	57-43-11.204N 152-30-09.887W	Q G		3	Green.	
26830	*- Entrance Channel Lighted Buoy 14*	57-42-53.162N 152-30-41.769W	Q R		3	Red.	
26835	*- Lighted Buoy 16*	57-42-57.522N 152-31-40.553W	Fl R 4s		3	Red.	
26840	- Buoy 18	57-43-33.116N 152-31-10.909W				Red nun.	
26845	- Middle Shoal Buoy 19	57-43-47.500N 152-31-07.000W				Green can.	
	Chiniak Bay						
26850 1180	*Humpback Rock Lighted Whistle Buoy 1*	57-42-47.757N 152-14-12.997W	Fl G 4s		5	Green.	
	Sitkalidak Strait						
26855	TABLE ISLAND LIGHT	57-11-20.481N 152-55-12.897W	Fl W 4s	106	7	NR on small house.	
26860	NUT ISLAND LIGHT	57-12-13.410N 153-09-35.376W	Fl (2+1)R 6s	40	3	JR on steel square frame.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	KODIAK ISLAND (Chart 16580)						
	Sitkalidak Strait						
26865	BUSH POINT LIGHT 2	57-13-03.593N 153-13-00.917W	Fl R 4s	20	6	TR on steel skeleton tower.	
26870	SHEEP ISLAND LIGHT 3	57-12-50.100N 153-15-13.440W	Fl G 2.5s	20	3	SG on tower.	
26875	SITKALIDAK PASSAGE LIGHT 4	57-12-33.492N 153-16-32.862W	Fl R 6s	30	4	TR on steel skeleton tower.	
	Old Harbor						
26879	- Daybeacon 1	57-12-28.380N 153-17-49.080W				SG on tower.	
26880	- Daybeacon 2	57-12-30.572N 153-17-51.802W				TR on pile.	
26885	- Daybeacon 3	57-12-31.073N 153-18-00.202W				SG on pile.	
26890	- Daybeacon 4	57-12-32.473N 153-18-02.103W				TR on pile.	
	Geese Channel						
26895	- *Lighted Gong Buoy 1*	56-44-50.123N 153-53-08.396W	Fl G 2.5s		4	Green.	
26900	- Buoy 3	56-43-29.991N 153-58-34.485W				Green can.	
26905	- *Lighted Bell Buoy 4*	56-43-40.133N 153-59-05.593W	Fl R 4s		3	Red.	
26910	AIAKTALIK ISLAND LIGHT 5	56-43-53.136N 154-03-05.579W	Fl G 6s	57	5	SG on skeleton tower.	
	Sitkinak Strait						
26915 1195	WHIRLPOOL POINT LIGHT	56-36-59.645N 154-05-36.083W	Fl W 2.5s	51	8	NR on skeleton tower.	
	Alitak Bay						
26920	CAPE ALITAK LIGHT	56-50-35.340N 154-18-25.404W	Fl W 6s	63	7	NR on small house.	Obscured from 190° to 263°.
26925	LAZY BAY LIGHT 2	56-53-30.545N 154-13-02.558W	Fl R 4s	25	6	TR on steel skeleton tower.	
26930	Akhiok Reef Buoy 1	56-54-47.121N 154-07-52.316W				Green can.	
26935	MOSER BAY LIGHT 2	56-58-19.482N 154-06-25.134W	Fl R 6s	22	5	TR on steel skeleton tower.	
26940	Moser Bay Buoy 3	56-58-25.293N 154-06-49.531W				Green can.	
26945	Moser Bay Buoy 4	56-58-52.393N 154-08-02.617W				Red nun.	
	Shelikof Strait						
26950	*NOAA Data Lighted Buoy 46077*	57-53-32.458N 154-17-25.670W	Fl (4)Y 20s			Yellow boat-shaped hull	Aid maintained by National Oceanic and Atmospheric Administration.
26955	Wolcott Reef Buoy W	57-40-04.623N 154-12-11.712W				Red and green bands; nun.	
	Uyak Bay						
26960	HARVESTER ISLAND SPIT LIGHT 2	57-38-14.858N 153-59-40.982W	Fl R 4s	22	3	TR on multi-pile structure.	
	Larsen Bay						
26965	- JUNCTION LIGHT LB	57-32-36.540N 153-58-35.700W	Fl (2+1)R 6s	10	4	JR on tower.	
26970	- Daybeacon 2	57-32-32.754N 153-59-03.882W				TR on pile.	
26975	- Daybeacon 3	57-32-27.138N 153-59-05.586W				SG on pile.	
26980	- RANGE FRONT LIGHT	57-32-44.179N 154-00-12.997W	Q W	68		KRW on skeleton tower.	Obscured from 333° to 267°.
26985	- RANGE REAR LIGHT 140 yards, 291.5° from light.	57-32-45.573N 154-00-19.648W	Iso W 6s	90		KRW on skeleton tower.	Obscured from 300° to 287°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	KODIAK ISLAND (Chart 16580)						
	Larsen Bay						
26986	- Reef Buoy 5	57-32-00.498N 154-00-35.808W				Green can.	
26988	- HARBOR LIGHT 4	57-31-55.518N 154-00-28.896W	Fl R 6s	10	4	TR on Tower.	
	Uyak Bay						
26990	Aleutian Rock Buoy 1	57-25-36.383N 153-50-47.675W				Green can.	
	Uganik Bay						
26995	NOISY ISLAND LIGHT	57-55-54.525N 153-33-47.900W	Fl W 6s	80	7	NR on skeleton tower.	Obscured from 223° to 338°.
27000	NORTHEAST ARM LIGHT 1	57-47-08.125N 153-27-14.168W	Fl G 6s	58	5	SG on small house.	Obscured from 139° to 282.5°.
27005	STARR POINT LIGHT 3	57-45-21.307N 153-22-04.090W	Fl G 4s	30	5	SG on skeleton tower.	
	Kupreanof Strait						
27010	MALINA POINT LIGHT	58-02-18.928N 153-21-57.614W	Fl W 2.5s	80	6	NR on skeleton tower.	Higher intensity beam toward 110°.
27015	- Buoy K	57-59-36.428N 153-10-45.220W				Green and red bands; can.	
27020	DRY SPRUCE BAY ENTRANCE LIGHT	57-57-19.750N 153-06-12.413W	Fl W 6s	76	6	NR on skeleton tower.	
27025	DRY SPRUCE ISLAND ROCK LIGHT 7	57-57-52.711N 153-04-10.591W	Fl G 4s	30	4	SG on tower.	
27027	Dry Spruce Bay Coast Guard Mooring Buoy	57-55-59.548N 153-01-06.420W				White with blue band.	
27030	LAST TIMBER POINT LIGHT 6	57-58-40.165N 152-59-00.977W	Fl R 4s	35	4	TR on small house.	
	Raspberry Strait						
27035	- LIGHT	58-09-35.465N 153-13-24.225W	Fl W 6s	50	6	NR on small house.	
	Shelikof Strait						
27045 1165	LATAX ROCKS LIGHT	58-41-21.546N 152-29-01.747W	Fl W 4s	40	8	NR on tower.	
	Shuyak Strait						
27050	ALLIGATOR ISLAND LIGHT	58-28-28.122N 152-47-16.671W	Fl W 6s	72	7	NR on skeleton tower.	
27055	LIGHTHOUSE POINT LIGHT	58-28-56.706N 152-39-09.367W	Fl W 4s	60	5	NR on house.	Obscured from 285° to 073.5°.
	ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011, 16013)						
	Alaska Peninsula						
27060	CHIGNIK SPIT LIGHT	56-18-34.566N 158-23-01.338W	Fl W 4s	35	6	NR on skeleton tower.	Obscured west of 238°.
27061	CHIGNIK BOAT HARBOR ENTRANCE LIGHT 1	56-18-18.780N 158-22-52.320W	Fl G 4s	31	5	SG on spindle.	
27062	Chignik Boat Harbor Entrance Day Beacon 2	58-18-17.740N 158-22-52.320W	N/A			TR on breakwater.	
	Shumagin Islands						
27070	ANDRONICA ISLAND LIGHT	55-20-44.440N 160-03-40.025W	Fl W 4s	115	7	On square frame.	Obscured from 275° to 291.5° and from 317° to 078°.
27080	POPOF STRAIT ENTRANCE LIGHT 1	55-21-18.304N 160-30-17.952W	Fl G 4s	50	5	SG on skeleton tower.	
27085	*Popof Strait Lighted Buoy 3*	55-20-43.739N 160-31-05.249W	Fl G 6s		4	Green.	
27090	*Unga Reef Lighted Buoy 4*	55-20-15.438N 160-31-20.251W	Fl R 4s		3	Red.	
27095	*Popof Reef Lighted Gong Buoy 5*	55-20-08.200N 160-31-02.100W	Fl G 2.5s		3	Green.	
27105	HUMBOLDT HARBOR BREAKWATER LIGHT 2	55-19-56.012N 160-30-12.008W	Fl R 2.5s	24	3	TR on spindle.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011, 16013)						
	Shumagin Islands						
27110	HUMBOLDT HARBOR BREAKWATER LIGHT 3	55-19-56.390N 160-30-03.854W	Fl G 2.5s	24	3	SG on spindle.	
27112	Caton Shoal Buoy 6	55-19-48.148N 160-31-35.720W				Red nun.	
27120	BARALOF BAY LIGHT	55-14-20.430N 160-32-08.508W	Fl W 4s	60	5	NR on skeleton tower.	Obscured from 089° to 222°.
27125	UNGA SPIT LIGHT	55-24-23.270N 160-43-51.093W	Fl W 6s	40	6	NR on skeleton tower.	Obscured from 280.5° to 060°.
27130	SEAL CAPE LIGHT	55-20-56.183N 161-15-15.923W	Fl W 4s	75	6	NR on skeleton tower.	Obscured from 172° to 235°.
27135	UKOLNOI ISLAND LIGHT	55-14-35.354N 161-39-52.032W	Fl W 6s	35	6	NR on skeleton tower.	Obscured from 238° to 052°.
27140	*Bluff Point Shoal Lighted Gong Buoy 1*	55-11-26.914N 161-52-27.920W	Fl G 2.5s		4	Green.	
27145	ARCH POINT LIGHT 2	55-12-19.088N 161-54-19.655W	Fl R 4s	78	5	TR on skeleton tower.	Obscured from 105° to 213°.
27150	*Moss Cape Lighted Buoy 4*	55-07-07.056N 161-56-15.159W	Fl R 6s		4	Red.	
27155	GOLOI SANDSPIT LIGHT 3	55-06-36.290N 161-55-29.266W	Fl G 4s	17	5	SG on steel skeleton tower.	Obscured from 229° to 328°.
27160	*Iliasik Passage Lighted Buoy 5*	55-01-44.903N 161-55-19.177W	Fl G 2.5s		4	Green.	
27165	Iliasik Passage Buoy 6	55-01-59.293N 161-56-02.601W				Red nun.	
27170	ILIASIK ISLANDS LIGHT	55-02-14.631N 161-56-21.531W	Fl W 6s	95	7	NR on skeleton tower.	Obscured from 120.5° to 254°.
27180	STAG POINT LIGHT	54-59-07.561N 162-18-02.536W	Fl W 4s	23	6	NR on skeleton tower.	
27181	SOUTH KING COVE HARBOR LIGHT 1	55-03-16.986N 162-19-24.786W	Fl G 4s	25	4	SG on spindle.	
27182	KING COVE DEEP WATER DOCKS LIGHTS (2)	55-03-19.000N 162-19-23.000W	Fl R 6s	21		On dolphin.	Private aid.
27185	KING COVE HARBOR ENTRANCE LIGHT 1	55-03-29.966N 162-19-24.449W	Fl G 2.5s	25	3	SG on spindle.	
27190	KING COVE HARBOR ENTRANCE LIGHT 2	55-03-32.826N 162-19-22.512W	Fl R 6s	23	4	TR on spindle.	
27195	MORGAN POINT LIGHT	55-02-23.868N 162-20-11.248W	Fl W 4s	120	6	NR on skeleton tower.	Obscured from 039° to 206°.
	Cold Bay						
27200	- *Channel Lighted Buoy 1*	55-05-31.167N 162-31-58.184W	Fl G 4s		4	Green.	
27205	KASLOKAN POINT LIGHT 2	55-06-15.108N 162-31-31.584W	Fl R 4s	15	5	TR on steel square frame.	Obscured from 193° to 336°.
27210	- *Channel Lighted Buoy 3*	55-06-40.273N 162-31-58.184W	Fl G 2.5s		4	Green.	
27215	- Channel Buoy 4	55-07-07.769N 162-31-39.319W				Red nun.	
27220	DELTA POINT LIGHT	55-11-29.657N 162-38-40.755W	Fl W 4s	48	6	NR on skeleton tower.	
27225	- AERO DOCK LIGHTS (2)	55-12-31.000N 162-41-36.000W	Fl R 6s	17		On dolphins.	Private aid.
27230	FOX ISLAND LIGHT	54-57-18.575N 162-26-00.670W	Fl W 6s	40	6	NR on steel square frame.	Obscured from 280° to 021°.
27235	West Cape Shoal Buoy 1	54-55-31.758N 162-27-55.893W				Green can.	
27240	*Thin Point Lighted Whistle Buoy 2*	54-54-54.551N 162-32-25.479W	Fl R 6s		4	Red.	
	Bechevin Bay						
	Channel should be navigated with caution due to shifting shoals.						
27250	- Entrance Buoy BB	55-05-48.983N 163-30-32.208W				Red and white stripes.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011, 16013)						
	Bechevin Bay						
	Channel should be navigated with caution due to shifting shoals.						
27255	- Buoy 1	55-05-22.368N 163-29-34.320W				Green can.	
27260	- Buoy 2	55-05-18.638N 163-29-56.140W				Red nun.	
27265	- Buoy 3	55-04-01.920N 163-28-28.665W				Green can.	
27270	- Buoy 4	55-03-56.862N 163-28-42.607W				Red nun.	
27275	- Buoy 5	55-03-19.811N 163-26-30.063W				Green can.	
27280	- Buoy 6	55-03-11.488N 163-26-35.625W				Red nun.	
27285	CAPE KRENITZEN LIGHT 7	55-03-47.261N 163-25-18.473W	Fl G 6s	30	5	SG on skeleton tower.	
27290	- Buoy 8	55-03-10.323N 163-25-30.307W				Red nun.	
27295	- Buoy 10	55-02-30.807N 163-25-13.443W				Red nun.	
27300	Chunak Point Daybeacon 2	55-01-59.700N 163-27-16.860W				TR on skeleton tower.	
27305	- Buoy 11	55-02-16.459N 163-25-01.740W				Green can.	
27310	- Buoy 14	55-01-43.478N 163-25-40.466W				Red nun.	
27315	- Buoy 15	55-01-00.215N 163-25-47.499W				Green can.	
27320	- Buoy 16	55-01-00.978N 163-26-05.841W				Red nun.	
27325	ROCKY POINT LIGHT 6	54-58-15.766N 163-26-33.343W	Fl R 6s	20	5	TR on skeleton tower.	
27330	- Buoy 17	55-00-10.448N 163-25-33.479W				Green can.	
27335	- Buoy 18	55-00-07.416N 163-25-43.716W				Red nun.	
27340	- Buoy 19	54-59-29.883N 163-24-36.697W				Green can.	
27345	St. Catherine Cove Daybeacon 4	54-59-47.010N 163-29-21.263W				TR on square frame.	Use only with local knowledge.
27350	- Buoy 20	54-59-22.720N 163-24-47.190W				Red nun.	
27355	- Buoy 21	54-59-25.480N 163-23-50.688W				Green can.	
27360	- Buoy 22	54-59-22.734N 163-23-55.950W				Red nun.	
27365	- Buoy 23	54-59-07.571N 163-23-20.280W				Green can.	
27370	- Buoy 24	54-59-03.162N 163-23-29.150W				Red nun.	
27375	- Buoy 25	54-58-32.808N 163-22-23.209W				Green can.	
27380	- Buoy 26	54-58-29.808N 163-22-39.208W				Red nun.	
27385	- Buoy 27	54-57-48.808N 163-21-51.203W				Green can.	
27390	- Buoy 28	54-57-45.807N 163-22-16.203W				Red nun.	
27395	- Buoy 29	54-56-50.808N 163-21-34.196W				Green.	
27400	- Buoy 30	54-56-47.207N 163-22-06.696W				Red nun.	
27401	FALSE PASS BREAKWATER LIGHT 2	54-51-54.983N 163-24-29.606W	Fl R 4s	57	6	TR on skeleton tower.	
27401.5	FALSE PASS BREAKWATER LIGHT 1	54-51-51.918 N 163-24-29.146 W	Fl G 2.5s	35	6	SG on spindle.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011, 16013)						
	Bechevin Bay						
	Channel should be navigated with caution due to shifting shoals.						
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.
27405	ISANOTSKI STRAIT LIGHT 6	54-51-23.193N 163-23-29.912W	Fl R 6s	21	5	TR on skeleton tower.	
27410	ISANOTSKI STRAIT LIGHT 3	54-49-29.880N 163-22-31.620W	Fl G 6s	14	4	SG on skeleton tower.	
27415	ISANOTSKI STRAIT LIGHT 2	54-48-55.223N 163-21-45.770W	Fl R 4s	17	4	TR on skeleton tower.	Obscured from 160° to 324°.
27420	IKATAN BAY LIGHT	54-47-03.269N 163-21-57.986W	Fl W 6s	78	6	NR on skeleton tower.	
27425	IKATAN POINT LIGHT	54-46-33.750N 163-11-12.815W	Fl W 4s	81	9	NR on skeleton tower.	Obscured from 296° to 063°.
	Akutan Harbor						
27430	- SECTOR LIGHT	54-07-54.540N 165-47-06.600W	Oc W 4s (R Sector)	10	W 7 R 5	SPS on spindle.	Red from 263° to 270°. White from 270° to 070°. Obscured from 070° to 263°.
27435	AKUN STRAIT LIGHT	54-07-54.787N 165-39-34.709W	Fl W 4s	46	6	On skeleton tower.	
27440	AKUTAN POINT LIGHT 2	54-08-41.803N 165-43-41.144W	Fl R 6s	163	4	TR on skeleton tower.	
27444	*Akutan Bay Lighted Mooring Buoy*	54-07-39.600N 165-45-00.000W	Fl W 2s			White with blue stripe.	Private aid.
	Unalaska Island						
27450	ULAKTA HEAD LIGHT	53-55-27.089N 166-30-31.727W	Fl W 4s	61	5	NR on skeleton tower.	Obscured from 331° to 122°.
27455	*Iliuliuk Bay Entrance Lighted Bell Buoy 2*	53-54-32.887N 166-29-39.127W	Fl R 2.5s		4	Red.	
27460	SPITHEAD LIGHT	53-53-50.546N 166-30-55.768W	Fl W 4s	38	6	NR on skeleton tower.	Obscured from 202° to 215.5°
27465	*Rocky Point Shoal Lighted Buoy RP*	53-53-25.390N 166-31-19.821W	Fl (2+1)G 6s		4	Green and red bands.	
27466	*Iliuliuk Bay Lighted Buoy 4*	53-53-07.391N 166-31-31.819W	Fl R 4s		4	Red.	
27467	APL DOLPHIN LIGHTS (2)	53-53-01.000N 166-31-52.000W	Fl R 2.5s	12		On pile dolphins.	Private aid.
27468	*APL Shoal Lighted Buoys (2)*	53-53-00.000N 166-31-50.000W	Q W			White with orange bands and diamond.	Private aid.
27470	*Unalaska Channel Lighted Buoy 5*	53-52-35.993N 166-32-05.116W	Fl G 2.5s		4	Green.	
27475	*Iliuliuk Reef Lighted Buoy 6*	53-52-38.396N 166-32-02.932W	Fl R 4s		4	Red.	
	Iliuliuk Harbor						
27480	- Entrance Buoy 8	53-52-42.019N 166-32-10.038W				Red nun.	
27485	- South Channel Daybeacon 10	53-52-34.626N 166-32-52.278W				TR on pile structure.	
27490	- South Channel Daybeacon 11	53-52-31.458N 166-32-49.068W				SG on pile structure..	
27495	- South Channel Daybeacon 12	53-52-33.066N 166-32-55.936W				TR on pile structure.	
27500	- South Channel Daybeacon 13	53-52-31.932N 166-32-59.232W				SG on pile structure.	
27500.5	CARL E MOSES HARBOR LIGHT 1	53-52-01.790N 166-33-12.612W	Fl G 2.5s	19	5	SG on spindle.	
	Unalaska Bay						
27501	*Hog Island Lighted Buoy HI*	53-55-13.500N 166-34-10.000W	Fl (2+1)G 6s		3	Green and red bands.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011, 16013)						
	Unalaska Bay						
27502	*Hog Island Lighted Buoy 3*	53-53-30.977N 166-34-54.006W	Fl G 4s		4	Green.	
27503	ARCH ROCK LIGHT 3A	53-52-35.932N 166-34-01.241W	Fl G 2.5s	15	5	SG on dolphin.	
	Captains Bay						
27504	*South Amaknak Rocks Lighted Buoy "5"*	53-51-47.000N 166-33-21.000W	Fl G 6s		4	Green.	
27505	BAILEY LEDGE LIGHT	53-51-35.731N 166-33-34.201W	Fl W 4s	20	5	NR on spindle.	
27508	*Swallow Reef Lighted Buoy 6*	53-50-36.385N 166-35-33.173W	Fl R 4s		3	Red.	
27510	*NOAA Data Lighted Buoy 46072*	51-39-45.772N 172-09-43.364W	Fl (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.
	ALEUTIAN ISLANDS (Chart 16012)						
	Adak Island						
27515	*Kuluk Shoal Lighted Bell Buoy 2*	51-54-40.362N 176-30-34.709W	Fl R 6s		4	Red.	
27520	*Finger Shoal Lighted Bell Buoy 3*	51-51-42.850N 176-34-11.092W	Fl G 2.5s		4	Green.	
27525	GANNET ROCKS LIGHT 4	51-52-00.942N 176-36-32.369W	Fl R 4s	45	4	TR on skeleton tower.	Obscured from 102° to 214°.
27526	Gannet Rock Buoy 4A	51-51-51.844N 176-36-36.398W				Red nun.	
	Sweeper Cove						
27530	- ENTRANCE LIGHT 5	51-51-27.676N 176-35-30.999W	Fl G 6s	55	5	SG on skeleton tower.	
27535	- JETTY LIGHT 6	51-51-35.424N 176-37-46.738W	Fl R 6s	41	5	TR on spindle.	
27540	- LIGHT 7	51-51-15.237N 176-37-44.969W	Fl G 4s	75	3	SG on skeleton tower.	
27542	- RANGE FRONT LIGHT	51-51-09.101N 176-39-15.009W	Q G	41		KRW on pile structure.	
27543	- RANGE REAR LIGHT 494 yards, 253° from front light.	51-51-04.809N 176-39-37.691W	Oc G 4s	104		KRW on pile.	
27545	*NOAA Data Lighted Buoy 46071*	51-10-11.820N 179-01-05.577W	Fl (4)Y 20s			Yellow disc shaped hull.	Position approximate. Aid maintained by National Oceanic and Atmospheric Administration.
	ALASKA PENNINSULA AND ALEUTAN ISLANDS (Chart 16011)						
	Bristol Bay						
27555	NELSON LAGOON LIGHT	56-00-38.994N 161-05-35.982W	Fl W 2.5s	15	6	NR on skeleton tower.	
27560	WALRUS ISLAND LIGHT	56-01-17.646N 160-48-39.840W	Fl W 4s	24	7	NR on skeleton tower.	
	Port Moller						
27565	- Entrance Buoy 2	55-59-57.043N 160-39-13.352W				Red nun.	Maintained from June 1 to October 1.
27570	- Entrance Buoy 3	55-59-15.045N 160-36-49.348W				Green can.	Maintained from June 1 to October 1.
27575	- LIGHT 5	55-58-40.652N 160-34-59.085W	Fl G 2.5s	18	4	SG on steel tower.	
27580	Harbor Spit Daybeacon	55-54-47.232N 160-34-46.392W				NR on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	ALASKA PENNINSULA AND ALEUTAN ISLANDS (Chart 16011)						
	Herendeen Bay						
	Hague Channel						
27590	- Buoy 4	55-58-00.522N 160-39-35.683W				Red nun.	Maintained from June 1 to October 1.
27595	- Buoy 5	55-57-55.389N 160-38-17.873W				Green can.	Maintained from June 1 to October 1.
27600	- Buoy 6	55-56-09.037N 160-42-31.341W				Red nun.	Maintained from June 1 to October 1.
27605	- Buoy 7	55-55-51.038N 160-41-55.340W				Green can.	Maintained from June 1 to October 1.
27610	- Buoy 8	55-53-57.031N 160-47-07.337W				Red nun.	Maintained from June 1 to October 1.
27615	- Buoy 9	55-53-35.498N 160-47-07.753W				Green can.	Maintained from June 1 to October 1.
	BERING SEA (Eastern Part) (Chart 16006)						
	Bristol Bay						
27760 1255	SMOKY POINT LIGHT	57-36-44.304N 157-41-26.254W	Fl W 4s	40	6	NR on skeleton tower.	
	Kvichak Bay						
	Naknek River						
27783	SOUTH NAKNEK CITY DOCK EAST LIGHT	58-43-14.220N 156-59-07.860W	Fl R 6s	34		On dock.	Private aid.
27784	SOUTH NAKNEK CITY DOCK WEST LIGHT	58-43-13.560N 156-59-09.660W	Fl R 6s	34		On dock.	Private aid.
27785	Naknek Entrance Daybeacon 1	58-43-19.765N 157-02-55.543W				SG on small house.	
	Kvichak Bay						
27795	GRAVEYARD POINT LIGHT	58-52-03.258N 157-00-48.846W	Fl W 4s	55	6	NR on skeleton tower.	
	Nushagak Bay						
27810	EKUK RANGE FRONT LIGHT	58-47-56.235N 158-33-15.738W	Q W	44		KRW on skeleton tower.	Visible all around, higher intensity on rangeline.
27815	EKUK RANGE REAR LIGHT 417 yards, 341° from front light.	58-48-07.689N 158-33-23.484W	Iso W 6s	64		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
	Pribilof Islands						
27825	ST. GEORGE HARBOR RANGE FRONT LIGHT	56-34-09.698N 169-40-11.100W	Q Y	42		KRW on tower.	
27826	ST. GEORGE HARBOR RANGE REAR LIGHT 358 yards, 076.4° from front light.	56-34-12.197N 169-39-52.342W	Iso Y 6s	76		KRW on tower.	
27827	ST. GEORGE HARBOR ENTRANCE LIGHT 1	56-34-10.955N 169-40-22.223W	Fl G 4s	32	4	SG on tower.	
27828	St. George Harbor Daybeacon 2	56-34-04.709N 169-40-06.114W				TR on spindle.	
27829	St. Paul Island Buoy 2	57-07-33.870N 170-17-59.939W				Red nun.	
27830	ST. PAUL HARBOR JETTY LIGHT 4	57-07-41.063N 170-17-17.255W	Fl R 4s	40	4	TR on spindle.	
27831	ST. PAUL HARBOR JETTY LIGHT 3	57-07-41.016N 170-17-06.216W	Fl G 4s	30	4	SG on spindle.	
27832	ST. PAUL HARBOR LIGHT 6	57-07-31.330N 170-16-46.564W	Fl R 2.5s	10	7	TR on spindle.	
27833	St. Paul Harbor Daybeacon A	57-07-34.634N 170-16-48.191W				NR on spindle.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA - Seventeenth District				
	BERING SEA (Eastern Part) (Chart 16006)						
	Pribilof Islands						
27834	St. Paul Harbor Daybeacon B	57-07-33.503N 170-16-42.903W				NR on spindle.	
	Kuskokwim Bay *Buoys maintained from June 1 to Oct. 1.*						
27835	- Buoy 2	59-18-44.400N 162-18-32.400W				Red nun.	Maintained from June 1 to October 1.
27836	- Buoy 3	59-32-08.667N 162-16-47.715W				Green Can.	Maintained from June 1 to October 1.
27837	- Buoy 4	59-34-33.600N 162-15-40.200W				Red nun.	Maintained from June 1 to October 1.
27838	- Buoy 5	59-38-08.400N 162-19-25.200W				Green can.	Maintained from June 1 to October 1.
27839	- Buoy 6	59-43-50.037N 162-19-45.812W				Red nun.	Maintained from June 1 to October 1.
27840	- Buoy 8	59-46-50.338N 162-19-28.102W				Red nun.	Maintained from June 1 to October 1.
27841	- Buoy 9	59-49-00.000 N 162-15-45.000 W				Green can.	Maintained from June 1 to October 1.
27842	- Buoy 10	59-50-34.426N 162-14-20.053W				Red nun.	Maintained from June 1 to October 1.
27843	- Buoy 12	59-53-41.762N 162-15-22.370W				Red nun.	Maintained from June 1 to October 1.
	Kuskokwim River						
27844	- Buoy 13	59-59-40.152N 162-21-43.701W				Green can.	Maintained from June 1 to October 1.
27844.5	- Buoy 15	59-59-52.533N 162-24-27.224W				Green can.	Maintained from June 1 to October 1.
27844.7	- Buoy 16	60-02-05.778N 162-26-58.281W				Red nun.	Maintained from June 1 to October 1.
27845.2	- Buoy 18	60-05-23.636N 162-28-40.709W				Red nun.	Maintained from June 1 to October 1.
27845.7	- Buoy 20	60-07-38.806N 162-26-50.342W				Red nun.	Maintained from June 1 to October 1.
27846.2	- Buoy 22	60-09-13.174N 162-24-19.127W				Red nun.	Maintained from June 1 to October 1.
27846.5	- Buoy 23	60-11-10.107N 162-21-40.569W				Green can.	Maintained from June 1 to October 1.
27847	- Buoy 25	60-13-17.015N 162-20-51.928W				Green can.	Maintained from June 1 to October 1.
27847.5	- Buoy 27	60-15-00.284N 162-23-14.071W				Green can.	Maintained from June 1 to October 1.
27848	- Buoy 29	60-16-51.558N 162-28-33.096W				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
			ALASKA - Seventeenth District				
	BERING SEA (Eastern Part) (Chart 16006)						
	Kuskokwim River						
27848.2	- Buoy 30	60-18-42.711N 162-30-00.836W				Red nun.	Maintained from June 1 to October 1.
27848.7	- Buoy 32	60-19-59.994N 162-30-09.532W				Red nun.	Maintained from June 1 to October 1.
27849.2	- Buoy 34	60-20-52.652N 162-28-56.633W				Red nun.	Maintained from June 1 to October 1.
27849.7	- Buoy 36	60-21-09.416N 162-27-49.250W				Red nun.	Maintained from June 1 to October 1.
27850	- Buoy 37	60-21-03.819N 162-22-14.682W				Green can.	Maintained from June 1 to October 1.
27850.5	- Buoy 39	60-21-29.507N 162-20-46.352W				Green can.	Maintained from June 1 to October 1.
27851	- Buoy 41	60-22-11.419N 162-19-58.775W				Green can.	Maintained from June 1 to October 1.
27851.2	- Buoy 42	60-23-38.141N 162-21-13.555W				Red nun.	Maintained from June 1 to October 1.
27851.7	- Buoy 44	60-24-53.160N 162-21-55.839W				Red nun.	Maintained from June 1 to October 1.
27852	- Buoy 45	60-25-31.236N 162-21-35.818W				Green can.	Maintained from June 1 to October 1.
27852.2	- Buoy 46	60-26-29.669N 162-20-21.025W				Red nun.	Maintained from June 1 to October 1.
27852.5	- Buoy 47	60-27-48.120N 162-18-28.363W				Green can.	Maintained from June 1 to October 1.
27853	- Buoy 49	60-28-25.422N 162-17-22.406W				Green can.	Maintained from June 1 to October 1.
27853.2	- Buoy 50	60-30-39.796N 162-17-53.966W				Red nun.	Maintained from June 1 to October 1.
27853.5	- Buoy 51	60-29-54.748N 162-17-47.098W				Green can.	Maintained from June 1 to October 1.
27853.7	- Buoy 52	60-31-02.038N 162-17-49.683W				Red nun.	Maintained from June 1 to October 1. Position Approximate.
27854	- Buoy 53	60-31-19.218N 162-17-41.975W				Green can.	Maintained from June 1 to October 1.
27854.5	- Buoy 55	60-31-28.673N 162-17-10.571W				Green can.	Maintained from June 1 to October 1. Position Approximate.
27854.7	- Buoy 56	60-31-46.391N 162-16-28.745W				Red nun.	Maintained from June 1 to October 1.
27855	- Buoy 57	60-32-58.084N 162-15-11.684W				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
			ALASKA - Seventeenth District				
	BERING SEA (Eastern Part) (Chart 16006)						
	Kuskokwim River						
27855.2	- Buoy 58	60-34-00.412N 162-13-53.118W				Red nun.	Maintained from June 1 to October 1.
27855.7	- Buoy 60	60-35-36.439N 162-14-10.917W				Red nun.	Maintained from June 1 to October 1.
			Kuskokwim River				
27856.2	- Buoy 62	60-35-46.635N 162-13-52.363W				Red nun.	Maintained from June 1 to October 1.
27856.4	- Buoy 63	60-35-56.629N 162-14-10.680W				Green can.	Maintained from June 1 to October 1.
			ALASKA - Seventeenth District				
	BERING SEA (Eastern Part) (Chart 16006)						
	Kuskokwim River						
27856.5	- Buoy 65	60-36-09.559N 162-12-45.665W				Green can.	Maintained from June 1 to October 1.
27857	- Buoy 66	60-37-01.859N 162-11-16.655W				Red nun.	Maintained from June 1 to October 1.
27858	Kwigillingok River Entrance Buoys (12) Marks channel into river.	59-50-57.211N 163-08-08.206W				Red or green oil drums.	Maintained from May 15 to Oct. 15.
27859	Mekoryuk Breakwater Daybeacon 2	60-23-15.115N 166-11-02.195W				TR on skeleton tower.	
27859.5 1293	SHELDON POINT LIGHT	62-32-21.320N 165-01-13.054W	Fl W 2.5s	18	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27860 1295	YUKON RIVER SOUTH ENTRANCE LIGHT	62-35-21.714N 164-57-42.060W	Fl W 6s	20	8	NR on skeleton tower.	Maintained from July 1 to Nov. 1. Ra ref.
27865 1300	KWIGUK PASS ENTRANCE LIGHT	62-48-06.480N 164-52-04.488W	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	63-04-25.218N 164-38-01.637W	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	63-02-27.409N 163-39-20.771W	Fl (2+1)G 6s	30	4	JG on skeleton tower.	Maintained from July 1 to Nov. 1.
27874 1309	KAKUKTAHUK PASS ENTRANCE LIGHT	63-08-57.336N 163-35-13.710W	Fl W 2.5s	18	8	NR on skeleton tower.	Maintained from July 1 to Nov. 1. Ra ref.
27875 1310	YUKON RIVER NORTH ENTRANCE LIGHT	63-02-26.724N 163-22-46.320W	Fl W 6s	19	8	NR on skeleton tower.	Obscured from 286° to 161°. Maintained from July 1 to Nov. 1. Ra ref.
	Norton Sound						
27895 1315	POINT ROMANOF LIGHT	63-11-59.586N 162-50-00.120W	Fl W 6s	25	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27900 1320	CAPE STEPHENS LIGHT	63-32-27.180N 162-18-49.056W	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
			ALASKA - Seventeenth District				
	BERING SEA (Eastern Part) (Chart 16006)						
	Norton Sound						
27905	WHALE ISLAND LIGHT	63-29-27.288N 161-59-50.454W	Fl W 4s	53	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27910 1325	EGG ISLAND LIGHT	63-36-39.732N 161-44-35.070W	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.	63-52-57.431N 160-47-08.915W				Red nuns or green cans.	Maintained from June 1 to Nov. 1.
27920	UNALAKLEET RIVER SOUTH SPIT LIGHT	63-52-03.608N 160-47-15.643W	Fl W 4s	15	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27925	SHAKTOOLIK RIVER ENTRANCE LIGHT	64-22-43.158N 161-14-09.714W	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.	64-52-57.542N 161-11-09.313W				Red or green oil drums.	Maintained from July 1 to Oct. 1.
	Golovnin Bay						
27955 1335	ROCKY POINT LIGHT	64-23-52.932N 163-08-59.610W	Fl W 2.5s	175	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
	Nome Harbor						
27962	- ENTRANCE LIGHT 2	64-29-34.398N 165-26-08.922W	Fl R 4s	20	3	On spindle.	Maintained from July 1 to Nov. 1.
27963	- ENTRANCE LIGHT 1	64-29-33.588N 165-26-22.626W	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	64-30-14.118N 165-25-22.891W	Iso Y 6s	33		KRW on skeleton tower.	Visible 4° each side of rangeline.
27973	- RANGE REAR LIGHT 167yds at 029.8°T from front range light.	64-30-18.411N 165-25-17.150W	Q Y	63		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
			ALASKA - Seventeenth District				
	BERING SEA (Eastern Part) (Chart 16006)						
27975 1350	POINT SPENCER LIGHT	65-16-37.920N 166-50-56.244W	Fl W 6s	22	7	NR on skeleton tower.	Maintained from Jul. 1 to Nov. 1.
27980	GRANTLEY HARBOR LIGHT	65-16-36.444N 166-20-51.594W	Fl W 4s	15	7	NG on skeleton tower.	Maintained from July 1 to Nov. 1.
27982	Grantley Harbor Daybeacon 2	65-16-23.106N 166-21-09.294W				TR on tower.	Maintained from July 1 to Nov. 1.
	CAPE PRINCE OF WALES TO POINT BARROW (Chart 16005)						
	Kotzebue Sound						
27985	CAPE ESPENBERG LIGHT	66-33-26.946N 163-36-28.944W	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.	66-50-57.553N 163-50-10.042W				Red nuns or green cans.	Maintained from July 1 to Sept. 20.
27995	CAPE DECEIT LIGHT	66-05-56.526N 162-45-01.686W	Fl W 6s	200	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
28000	RILEY CHANNEL ENTRANCE LIGHT	66-47-00.084N 161-51-18.306W	Fl W 6s	17	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
	CAPE PRINCE OF WALES TO POINT BARROW (Chart 16005)						
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	68-19-55.082N 166-31-30.609W	Fl W 6s	74	6	NR on skeleton tower.	
	POINT BARROW TO HERSCHEL ISLAND (Chart 16004)						
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	*West Dock Safe Water Lighted Buoy*	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.
			PACIFIC OCEAN - Fourteenth District				
	HAWAIIAN ISLANDS (Chart 504)						
28005	*NOAA Data Lighted Buoy 51004*	17-31-23.532N 152-22-52.156W	Fl (4)Y 20s			Yellow boat-shaped weather buoy.	Aid maintained by National Oceanic and Atmospheric Administration.
28005.1	*NOAA Data Lighted Buoy 51002*	17-05-39.000N 157-48-27.000W	Fl (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration.
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.

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			PACIFIC OCEAN - Fourteenth District				
HAWAIIAN ISLANDS (Chart 504)							
28005.7	*NOAA Data Lighted Buoy 51003*	19-20-52.490N 160-37-15.906W	Fl (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration.
28005.9	*NOAA Data Lighted Buoy 51000*	23-32-47.000N 154-03-20.000W	Fl (4)Y 20s				
28006	*NOAA Data Lighted Buoy 51001*	23-26-42.000N 162-16-43.000W	Fl (4)Y 20s				Aid maintained by National Oceanic and Atmospheric Administration.
28006.1	*NOAA Data Lighted Buoy 51100*	23-33-30.000N 153-54-00.000W	Fl (4)Y 20s				
28006.3	*NOAA Data Lighted Buoy 51101*	24-19-15.000N 162-03-30.000W	Fl (4)Y 20s				
			HAWAII - Fourteenth District				
Hawaiian Islands (Chart 19004)							
28007	*Fad Site HK - Hakalau, Hawaii*	19-58-36.000N 154-59-00.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.01	*Fad Site G - Pepeekeo, Hawaii*	19-51-12.000N 154-54-24.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.03	*Fad Site E - Leleiwi, Hawaii*	19-46-06.000N 154-54-48.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.05	*Fad Site D - Kumakahi, Hawaii*	19-37-30.000N 154-46-42.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.07	*Fad Site KH - Kehena, Hawaii*	19-20-54.000N 154-52-48.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.09	*Fad Site SS - Apua Point, Hawaii*	19-06-48.000N 155-14-30.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.11	*Fad Site RN - Palima Point, Hawaii*	19-04-54.000N 155-25-30.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.13	*Fad Site A - South Point, Hawaii*	18-57-21.000N 155-33-24.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.14	*FAD Site DH "2"*	18-50-26.520N 156-07-30.060W	Fl Y 2.5s			Blue skiff.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.15	*Fad Site TT - Kanewaa Point, Hawaii*	19-04-36.000N 155-57-24.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.17	*Fad Site B - Milolii, Hawaii*	19-11-54.000N 155-56-54.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.19	*Fad Site UU - Auau Point, Hawaii*	19-16-48.000N 155-57-06.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.21	*Fad Site C - Loa Point, Hawaii*	19-23-06.000N 155-59-12.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.23	*Fad Site Vv - Kahaluu, Hawaii*	19-35-06.000N 156-01-54.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.25	*Fad Site F - Kailua Kona, Hawaii*	19-30-24.000N 156-09-24.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.27	*Fad Site OT - Waikoloa, Hawaii*	19-52-36.000N 156-11-36.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteenth District				
	Hawaiian Islands (Chart 19004)						
28007.29	*Fad Site XX - Puako, Hawaii*	20-02-12.000N 156-06-12.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.31	*Fad Site ZZ - Waima Point, Hawaii*	20-09-30.000N 155-57-30.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.33	*Fad Site DD - Opana Point, Maui*	21-02-06.000N 156-15-24.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.35	*Fad Site Q - Pauwela Point, Maui*	21-08-30.000N 156-07-42.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.37	*Fad Site HO - Hoolawa Point, Maui*	20-56-24.000N 156-00-48.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.39	*KC"1" FAD*	21-17-30.000N 156-16-00.000W				Blue skiff.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28007.41	*KC"2" FAD*	21-17-39.600N 155-49-00.000W				Blue skiff.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008	*Fad Site FF - Pukaulua Point, Maui*	20-50-07.200N 155-43-54.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.01	*Fad Site M - Hana Bay, Maui*	20-44-54.000N 155-50-30.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.03	*Fad Site NL - Nuu Landing, Maui*	20-32-54.000N 156-09-30.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.05	*Fad Site GG - Nakaohu Point, Maui*	20-32-00.000N 156-16-00.000W	Fl Y 4s			Yellow sherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.07	*Fad Site HS - Halona Point - Kahoolawe*	20-27-00.000N 156-29-06.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.09	*Fad Site JJ - Kamohio, Kahoolawe*	20-24-12.000N 156-38-00.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.11	*Fad Site SO - Kahoolawe*	20-31-24.000N 156-52-18.000W	Fl (5)Y 20s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.13	*Fad Site LA - Lahaina, Maui*	20-41-00.000N 156-42-30.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.15	*Fad Site K - Palaoa, Lanai*	20-40-06.000N 157-02-36.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.17	*Fad Site MC - Palaoa, Lanai*	20-35-54.000N 157-08-30.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.19	*Fad Site CC - Kaena Point, Lanai*	20-55-18.000N 157-10-42.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.21	*Fad Site N - Cape Halawa, Molokai*	21-20-54.000N 156-35-00.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.23	*Fad Site X - Kahuku Point, Oahu*	21-51-48.000N 157-59-36.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.25	*Fad site LL Hauula - Oahu*	21-45-22.440N 157-45-16.620W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.

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			HAWAII - Fourteenth District				
Hawaiian Islands (Chart 19004)							
28008.27	*Fad Site U - Kaneohe, Oahu*	21-34-54.000N 157-41-30.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.29	*Fad Site MM - Mokapuu Point, Oahu*	21-36-24.000N 157-31-12.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.31	*Fad Site T - Makapuu, Oahu*	21-30-12.000N 157-25-48.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.33	*Fad Site P - Penguin Bank, Oahu*	20-46-24.000N 157-48-42.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.35	*Fad Site HH - Pearl Harbor, Oahu*	21-02-06.000N 158-02-06.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28008.37	*Fad Site BO - Barbers Point, Oahu*	21-09-00.000N 158-09-06.000W				Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28009	*Fad Site S - Pokai Bay, Oahu*	21-23-48.000N 158-14-48.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28009.01	*Fad Site R - Makaha, Oahu*	21-27-30.000N 158-16-54.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28009.03	*Fad Site V - Makua, Oahu*	21-32-18.000N 158-18-48.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28009.05	*Fad Site CO - Kaena Point, Oahu*	21-33-42.000N 158-26-48.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28009.07	*Fad Site II - Haleiwa, Oahu*	21-44-48.000N 158-13-18.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28009.09	*Fad Site J - Wailalee, Oahu*	21-50-00.000N 158-08-48.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28009.11	*Fad Site EK - Hanalei, Kauai*	22-19-36.000N 159-29-30.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28009.13	*Fad Site BB - Moloaa, Kauai*	22-13-36.000N 159-13-54.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28009.15	*Fad Site DK - Anahola, Kauai*	22-07-30.000N 159-13-42.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28009.17	*Fad Site WK - Wailua, Kauai*	22-01-18.000N 159-12-54.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28009.19	*Fad Site Z - Kipukai, Kauai*	21-52-30.000N 159-18-30.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28009.21	*Fad Site CK - Makahuena Point., Kauai*	21-48-24.000N 159-21-30.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28009.23	*Fad Site PP - Koloa, Kauai*	21-47-42.000N 159-34-12.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28009.25	*Fad Site AA - Port Allen, Kauai*	21-49-18.000N 159-36-36.000W	Fl Y 4s			Yellow spherical buoy.	Swing circle radius of up to 3.5 NM from charted position. Private aid.
28009.27	*Fad Site KK - Waimea, Kauai*	21-51-54.000N 159-43-54.000W					Private aid.

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			HAWAII - Fourteenth District				
	ISLAND OF HAWAII (Chart 19320)						
28010	**Kauhola Point Light**	20-14-46.616N 155-46-17.116W	Fl W 15s	108	24	White cylindrical concrete tower. 86	Obscured from 306° to 101°. Lighted throughout 24 hours.
28015	KUKUIHAELE POINT LIGHT	20-07-40.699N 155-33-21.579W	Iso W 6s	154	8	White concrete tower.	
28020	LAUPAHOEHOE POINT LIGHT	19-59-37.357N 155-14-25.961W	Fl W 2.5s	39	7	NB on post.	
28021	LAUPAHOEHOE HARBOR BREAKWATER LIGHT 2	19-59-30.291N 155-14-23.332W	Fl R 4s	27	4	TR on post.	
28025	**Pepeekeo Point Light**	19-50-50.077N 155-04-57.546W	Oc W 4s	147	13	NB on steel monopole. 72	
28030	PAUKAA POINT LIGHT	19-45-43.987N 155-05-23.052W	Fl G 6s	145	9	White pyramidal concrete tower.	Obscured from 350° to 190°.
	Hilo Harbor						
28035	- *Entrance Lighted Buoy 1*	19-44-33.554N 155-04-47.033W	Fl G 2.5s		5	Green.	
28040	- BREAKWATER LIGHT	19-44-34.192N 155-04-29.980W	Fl W 2.5s	39	6	NB on white post.	
28050	**Coconut Point Directional Light**	19-43-36.831N 155-05-10.244W	Oc G 4s	39	18	White concrete tower. 27	Visible 4° each side of 197°.
28052	*Hilo Bay Water Quality Buoy*	19-44-02.400N 155-04-51.600W	F Y				Private aid.
28055	- *Lighted Buoy 3*	19-44-12.455N 155-04-32.332W	Q G		4	Green.	
28060	- RANGE FRONT LIGHT	19-43-56.805N 155-03-12.102W	F G	75		KRW on post.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28065	- RANGE REAR LIGHT 470 yards, 097.5° from front light.	19-43-55.031N 155-02-57.526W	F G	124		KRW on square pyramidal skeleton tower.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28070	- *Lighted Buoy 4*	19-44-00.856N 155-04-04.932W	Fl R 4s		4	Red.	
28075	- *Lighted Buoy 5*	19-44-03.956N 155-03-49.932W	Fl G 2.5s		4	Green.	
28080	- Buoy 6	19-43-52.757N 155-03-49.982W				Red nun.	
28085	- *Lighted Buoy 7*	19-44-03.756N 155-03-40.832W	Fl G 4s		4	Green.	
28090	Reeds Bay Rock Daybeacon A	19-43-40.800N 155-03-40.320W				NW on pile worded ROCK.	Private aid.
28095	Reeds Bay Rock Daybeacon B	19-43-38.880N 155-03-40.200W				NW on pile worded ROCK.	Private aid.
28105	- *Lighted Buoy 9*	19-44-03.657N 155-03-28.132W	Fl G 2.5s		4	Green.	
28110	- Buoy 10	19-43-49.807N 155-03-29.182W				Red nun.	
28120	WAILOA BASIN CHANNEL LIGHT 1	19-43-27.074N 155-04-16.306W	Fl G 4s	15	4	SG on pile.	
	ISLAND OF HAWAII (Chart 19320)						
28125	WAILOA BASIN CHANNEL LIGHT 2	19-43-27.641N 155-04-18.412W	Fl R 2.5s	15	4	TR on pile.	
28130	**Cape Kumukahi Light**	19-30-58.760N 154-48-39.085W	Fl W 15s	156	24	White pyramidal skeleton tower. 153	Lighted throughout 24 hours. Obscured from 015° to 120°. Emergency light of reduced intensity when main light is extinguished. Emergency light operates during periods of darkness only.
28135	POHOIKI BAY BREAKWATER LIGHT 2	19-27-19.142N 154-50-26.009W	Fl R 4s	23	5	TR on spindle.	
28140	KA LAE LIGHT	18-54-43.688N 155-40-54.532W	Fl W 6s	60	8	NB on white concrete post.	

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	ISLAND OF HAWAII (Chart 19320)						
28145	MILOLII POINT LIGHT	19-11-13.133N 155-54-28.768W	Fl W 4s	44	6	NB on post.	
28150	NAPOOPOO LIGHT	19-28-45.728N 155-56-10.954W	Fl W 6s	27	7	White pyramidal concrete tower.	Obscured in Kealakekua Bay when bearing is less than 291°.
	Keauhou Bay						
28165	- ENTRANCE DIRECTIONAL LIGHT	19-33-43.708N 155-57-42.966W	Q W (R & G sectors)	25	W 14 G 11 R 11	On post.	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.
28170	- Range Front Daybeacon	19-33-43.708N 155-57-42.966W				KRW on post.	
28175	- Range Rear Daybeacon	19-33-43.708N 155-57-42.966W				KRW on post. On same structure as Keauhou Bay Light.	
	ISLAND OF HAWAII (Chart 19320)						
28177	Kailua Kona CG Mooring Buoy	19-37-50.089N 155-59-38.969W					White with blue band.
28180	KAILUA BAY ENTRANCE DIRECTIONAL LIGHT	19-38-18.500N 155-59-48.600W	Fl W 4s (R & G sectors)	31	W 7 G 5 R 5	NB on post.	Centerline (bearing 023°). White visible 3° each side of centerline. Green visible from (026°-060°). Red visible from (310°-020°).
28185	**Kailua Light**	19-38-16.117N 156-00-03.159W	Fl W 6s	32	13	White pyramidal concrete tower. 16	Obscured from 120° to 263°.
	Honokohau Harbor						
28190	- *Approach Lighted Buoy 1*	19-40-05.879N 156-01-52.091W	Fl G 2.5s		3	Green.	
28195	- ENTRANCE CHANNEL DIRECTIONAL LIGHT	19-40-11.844N 156-01-33.652W	Iso W 6s (R & G sectors)	27	W 8 G 6 R 6	NB on pile. 20	White 2° each side of centerline of channel (bearing 064°). Red when right of white beam (062°-057°). Green when left of white beam (066°-071°) when entering from seaward.
28200	- ENTRANCE CHANNEL LIGHT 3	19-40-11.522N 156-01-37.824W	Fl G 4s	25	5	SG on spindle.	
28205	- CHANNEL LIGHT 4	19-40-09.414N 156-01-35.904W	Fl R 4s	25	5	TR on post.	
28210	- Channel Daybeacon 5	19-40-09.738N 156-01-33.112W				SG on pile.	
28215	KEAHOLE POINT LIGHT	19-43-40.351N 156-03-39.799W	Fl W 6s (R sector)	43	W 12 R 9	NB on post.	Red from 185° to 343°, covers rocks off Makolea and Kaiwi Points.
	Kawaihae Bay						
	Puako Small Boat Harbor						
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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteenth District				
	ISLAND OF HAWAII (Chart 19320)						
	Kawaihae Bay						
	Puako Small Boat Harbor						
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	20-02-29.121N 155-49-58.206W	Fl W 6s	59	9	White pyramidal concrete tower.	
	Kawaihae Light Draft Harbor						
28271	- *Lighted Buoy 2*	20-01-18.690N 155-49-54.030W	Q R		4	Red.	
28271.1	- Buoy 3	20-01-32.052N 155-49-45.642W				Green can.	
28271.2	- BREAKWATER LIGHT 5	20-01-36.684N 155-49-43.252W	Fl G 6s	15	5	SG on post.	
28271.3	- Buoy 6	20-01-37.260N 155-49-40.464W				Red nun.	
28271.4	- Breakwater Daybeacon 8	20-01-39.671N 155-49-41.495W				TR on post.	
	Kawaihae Bay						
	Kawaihae Harbor						
28275	- *Entrance Lighted Buoy 1*	20-02-32.208N 155-50-22.530W	Fl G 2.5s		5	Green.	
28280	- *Entrance Lighted Buoy 2*	20-02-26.588N 155-50-23.880W	Fl R 4s		4	Red.	
28285	- CHANNEL RANGE FRONT LIGHT	20-02-05.635N 155-49-38.284W	F G	70		KRW on post.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28290	- CHANNEL RANGE REAR LIGHT 247 yards, 120° from front light.	20-02-01.971N 155-49-31.574W	F G	93		KRW on post.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28295	- Channel Buoy 3	20-02-24.138N 155-50-07.731W				Green can.	
28300	- Channel Buoy 4	20-02-20.388N 155-50-10.181W				Red nun.	
28310	- CHANNEL SOUTH BREAKWATER LIGHT 6	20-02-14.207N 155-50-01.995W	Fl R 2.5s	20	4	TR on spindle.	
28315	- CHANNEL LIGHT 5	20-02-18.877N 155-49-55.083W	Fl G 4s	20	5	SG on concrete base.	
28320	- SOUTH BREAKWATER LIGHT 8	20-02-04.606N 155-50-01.625W	Fl R 2.5s	20	4	TR on spindle.	Obscured from 320° to 176°.
28325	MAHUKONA LIGHT	20-10-49.050N 155-54-05.490W	Fl W 4s	64	6	White pyramidal concrete tower.	
	HAWAII TO OAHU (Chart 19340)						
	Maui Island						
28330	NAKALELE POINT LIGHT	21-01-44.646N 156-35-25.652W	Fl W 2.5s	142	6	NB on pile.	Obscured from 301° to 106°.
28335	*Waihee Reef Lighted Buoy 2*	20-55-42.735N 156-28-30.843W	Fl R 4s		4	Red.	
	Kahului Harbor						
28340	- ENTRANCE RANGE FRONT LIGHT	20-53-26.683N 156-28-19.402W	F R	49		KRW on post.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28345	- ENTRANCE RANGE REAR LIGHT 470 yards, 177° from front light.	20-53-13.207N 156-28-18.618W	F R	91		KRW on post.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28350	- ENTRANCE BREAKWATER LIGHT 3	20-54-02.360N 156-28-17.425W	Fl G 2.5s	25	6	SG on post. 18	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteenth District				
	HAWAII TO OAHU (Chart 19340)						
	Maui Island						
	Kahului Harbor						
28355	- ENTRANCE BREAKWATER LIGHT 4	20-54-01.163N 156-28-26.818W	Fl R 2.5s	25	6	TR on spindle.	
28360	- Buoy 5	20-53-59.927N 156-28-17.386W				Green can.	
28365	- *Lighted Buoy 6*	20-53-49.006N 156-28-29.480W	Q R		3	Red nun.	
28370	- *Lighted Buoy 8*	20-53-42.546N 156-28-25.644W	Fl R 6s		4	Red.	
28375	- Buoy 10	20-53-35.647N 156-28-20.094W				Red nun.	
28380	- *Lighted Buoy 12*	20-53-39.446N 156-28-13.144W	Fl R 4s		3	Red.	
	Kahului Boat Ramp						
28380.5	- Range Front Daybeacon	20-53-42.730N 156-28-43.069W				KRW on post.	Private aid.
28381	- Range Rear Daybeacon	20-53-42.111N 156-28-44.818W				KRW on post.	Private aid.
28381.1	- Buoy 1	20-53-54.000N 156-28-42.000W				Green can.	Private aid.
28381.2	- Buoy 2	20-53-48.500N 156-28-33.000W				Red nun.	Private aid.
28381.3	- Buoy 3	20-53-45.000N 156-28-36.000W				Green can.	Private aid.
28381.4	- Buoy 4	20-53-47.500N 156-28-36.500W				Red nun.	Private aid.
28381.5	- Buoy 5	20-53-43.500N 156-28-36.000W				Green can.	Private aid.
28381.6	- Buoy 6	20-53-44.700N 156-28-38.000W				Red nun.	Private aid.
28381.7	- Buoy 7	20-53-44.000N 156-28-40.000W				Green can.	Private aid.
28381.8	- Buoy 8	20-53-44.500N 156-28-42.000W				Red nun.	Private aid.
28381.9	- Buoy 9	20-53-42.000N 156-28-42.000W				Green can.	Private aid.
	Maui Island						
28385	**Pauwela Point Light**	20-56-44.035N 156-19-16.767W	Fl W 15s	161	12	White Post. 40	
28390	KAUIKI HEAD LIGHT	20-45-25.520N 155-58-46.469W	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.
28405	HANAMANIOA POINT LIGHT	20-34-59.962N 156-24-43.320W	Fl W 4s	73	8	NB on post.	Obscured from 124° to 290°.
28410	MOLOKINI ISLAND LIGHT	20-37-50.010N 156-29-50.870W	Fl W 2.5s	186	6	NR on post.	
	Kihei Boat Ramp						
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.
	Maui Island						
28415	**McGregor Point Light**	20-46-38.912N 156-31-22.495W	Iso G 6s	72	10	On white tower. 20	Obscured from 082° to 221°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteenth District				
	HAWAII TO OAHU (Chart 19340)						
	Maui Island						
	Maalaea Basin						
28420	- RANGE FRONT LIGHT	20-47-31.200N 156-30-40.613W	Q R	29		KRW on post.	Visible 4° each side of rangeline. Lighted during periods of darkness only.
28425	- RANGE REAR LIGHT 64 yards, 339° from front light.	20-47-34.000N 156-30-42.000W	Iso R 6s	43		KRW on post.	Visible 4° each side of rangeline. Lighted during periods of darkness only.
28427	- Channel Buoy 1	20-47-24.000N 156-30-36.000W				Green can.	Private aid.
28430	- Channel Buoy 2	20-47-36.000N 156-30-48.000W				Red nun.	Private aid.
28440	Maalaea East Basin Buoy 4	20-47-40.000N 156-30-48.000W				Red nun.	Private aid.
	Lahaina						
28455	- CG Mooring Buoy	20-51-44.626N 156-40-54.117W					White with blue band.
28460	- LIGHT	20-52-19.795N 156-40-42.991W	Fl R 6s	44	7	White pyramidal concrete tower.	Obscured from 142° to 333°.
28465	- *Entrance Lighted Buoy L*	20-52-05.513N 156-40-59.878W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
	Lahaina Boat Basin						
28470	- RANGE FRONT LIGHT	20-52-20.367N 156-40-43.827W	Q G	10		KRW on post.	Visible 4° each side of rangeline.
28475	- RANGE REAR LIGHT 50 yards, 044.4° from front light.	20-52-21.428N 156-40-42.719W	Iso G 6s	22		KRW on post.	Visible 4° each side of rangeline.
28476	- *Lighted Buoy 1*	20-52-13.632N 156-40-52.020W	Fl G 4s		3	Green.	
28477	- *Lighted Buoy 2*	20-52-13.140N 156-40-50.640W	Fl R 4s		3	Red.	
28480	- *Lighted Buoy 3*	20-52-16.000N 156-40-50.340W	Fl G 4s			Green.	Private aid.
28485	- *Lighted Buoy 4*	20-52-16.200N 156-40-48.240W	Fl R 4s			Red.	Private aid.
28490	- *Lighted Buoy 5*	20-52-17.820N 156-40-47.400W	Fl G 4s			Green.	Private aid.
28495	- *Lighted Buoy 6*	20-52-17.400N 156-40-46.740W	Fl R 4s			Red.	Private aid.
28500	- *Lighted Buoy 7*	20-52-18.000N 156-40-42.000W	Fl G 4s			Green.	Private aid.
28505	- *Lighted Buoy 8*	20-52-18.480N 156-40-45.720W	Fl R 4s			Red.	Private aid.
	Mala Channel						
28507.1	- LIGHT 1	20-53-15.060N 156-41-16.620W	Fl G 4s	10		SG on pile.	Private aid.
28507.2	- LIGHT 2	20-53-14.400N 156-41-17.760W	Fl R 4s	10		TR on pile.	Private aid.
28507.3	- LIGHT 3	20-53-12.240N 156-41-14.220W	Fl G 4s	10		SG on pile.	Private aid.
28507.4	- LIGHT 4	20-53-11.760N 156-41-15.420W	Fl R 4s	10		TR on pile.	Private aid.
28507.5	- LIGHT 5	20-53-09.960N 156-41-12.120W	Fl G 4s	10		SG on pile.	Private aid.
28507.6	- LIGHT 6	20-53-09.420N 156-41-13.140W	Fl 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.
	Maui Island						
28510	HAWEA POINT LIGHT	21-00-14.280N 156-39-58.500W	Fl W 6s	75	9	NB on post.	Obscured from 230° to 024°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteenth District				
	HAWAII TO OAHU (Chart 19340)						
28515	KAHOOLAWE SOUTHWEST POINT LIGHT	20-30-08.457N 156-39-58.974W	Fl W 6s	120	7	On white skeleton tower.	Obscured over Kealaikahiki Point north of 123°.
	Lanai Island						
28520	POHAKULOA POINT LIGHT	20-55-44.585N 156-59-15.523W	Fl W 6s (R sector)	30	W 8 R 6	NB on spindle.	Red from 268.5° to 276.5°.
28524	*UH Wave Lighted Buoy 146*	20-47-16.200N 157-00-35.400W	Fl Y 20s			Yellow spherical buoy.	Private aid.
28530	*Manele Bay Lighted Buoy 2*	20-44-18.742N 156-52-50.082W	Fl R 4s		4	Red.	
28535	MANELE BAY BREAKWATER LIGHT	20-44-33.139N 156-53-12.384W	Fl W 4s	20	6	On post on concrete structure.	
	Manele Small Boat Harbor						
28540	- Buoy 1	20-44-30.000N 156-53-12.000W				Green can.	Private aid.
28545	- Buoy 2	20-44-33.600N 156-53-10.800W				Red nun.	Private aid.
28546	- Buoy 3	20-44-34.000N 156-53-12.000W				Green can.	Private aid.
28550	- Buoy 4	20-44-34.800N 156-53-12.000W				Red nun.	Private aid.
28551	- Buoy 6	20-44-34.000N 156-53-13.800W				Red nun.	Private aid.
28552	- Buoy 8	20-44-33.600N 156-53-15.000W				Red nun.	Private aid.
28553	Manele Bay Rock Danger Buoy	20-44-31.000N 156-53-16.000W				White sphere with orange diamond worded DANGER ROCK.	Private aid.
	Lanai Island						
28554	PALAOA POINT LIGHT	20-43-56.434N 156-57-53.451W	Fl W 6s (R sector)	91	W 7 R 5	On white skeleton tower.	Red from 260° to 280°. Covers rocks off of Puupehe Point.
	Kaumalapau Harbor						
28555	KAUMALAPAU LIGHT	20-46-58.928N 156-59-29.554W	Fl W 4s	68	5	NB on post.	Obscured from 180° to 000°.
28560	- *Entrance Lighted Buoy 1*	20-47-06.792N 156-59-32.742W	Fl G 2.5s		4	Green.	
28565	- Buoy 2	20-47-02.779N 156-59-30.162W				Red nun.	
28570	- Buoy 4	20-47-07.399N 156-59-27.072W				Red nun.	
	Molokai Island						
28575	**Molokai Light**	21-12-34.269N 156-58-10.730W	Fl W 10s	213	21	On white tower. 138	Emergency light of reduced intensity when main light is extinguished.
28576	CAPE HALAWA LIGHT	21-09-32.716N 156-42-45.409W	Fl W 2.5s	321	6	Steel pole on concrete base.	Obscured from 350° to 140°.
28578	Kalaupapa CG Mooring Buoy	21-11-17.578N 156-59-19.517W					White with blue band.
28585	*Kamalo Bay Reef Lighted Buoy 2* Marks entrance to Kamalo Bay.	21-01-53.886N 156-52-33.876W	Fl R 4s		4	Red.	
	Kaunakakai Harbor						
28600	- *Lighted Buoy 2*	21-04-34.465N 157-01-52.453W	Fl R 4s		4	Red.	
28605	- RANGE FRONT LIGHT	21-05-15.783N 157-01-29.169W	Q R	27		KRW on skeleton tower on house.	Visible 4° each side of rangeline.
28610	- RANGE REAR LIGHT 200 yards, 034° from front light.	21-05-20.731N 157-01-25.655W	Iso R 6s	41		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
			HAWAII - Fourteenth District				
	HAWAII TO OAHU (Chart 19340)						
	Molokai Island						
	Kaunakakai Harbor						
28615	- *Lighted Buoy 3*	21-04-39.347N 157-01-57.328W	Fl G 4s		4	Green.	
28620	- Buoy 4	21-04-42.463N 157-01-50.380W				Red nun.	
28625	- Buoy 5	21-04-59.747N 157-01-46.075W				Green can.	
	Kaunakakai Small Boat Harbor						
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.
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	21-05-58.904N 157-18-18.377W	Fl W 2.5s	151	7	NB on spindle.	Obscured from 189° to 286°.
			OAHU ISLAND (Chart 19357)				
	Mokapu Peninsula						
28675	**Pyramid Rock Light**	21-27-44.107N 157-45-48.690W	Fl W 6s	101	10	On post on concrete structure with black and white markings. 13	
28675.1	*WECB Lighted Buoy F*	21-27-56.530N 157-45-02.340W	Fl Y 4s				Private aid.
			HAWAII - Fourteenth District				
	OAHU ISLAND (Chart 19357)						
	Ulupau Crater Weapons Range Danger Zone						
28676	- Buoy A	21-28-21.000N 157-43-51.000W				Yellow can.	
28677	- *Lighted Buoy B*	21-28-58.800N 157-44-00.000W	Fl Y 2.5s		5	Yellow.	
28678	- *Lighted Buoy C*	21-28-48.000N 157-42-49.200W	Fl Y 4s		3	Yellow.	
28679	- *Lighted Buoy D*	21-28-04.131N 157-41-49.651W	Fl Y 2.5s		5	Yellow.	
28679.1	- Buoy E	21-27-43.200N 157-42-30.000W				Yellow can.	
	Kaneohe Bay						
28680	- *Entrance Channel Approach Lighted Buoy K*	21-31-06.548N 157-48-13.807W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
28685	- *Channel Lighted Buoy 2*	21-30-52.553N 157-48-40.008W	Fl R 4s		4	Red.	
28690	- Channel Buoy 3	21-30-34.858N 157-48-57.908W				Green can.	
28695	- Channel Buoy 4	21-30-18.863N 157-49-20.609W				Red nun.	
28700	- Channel Daybeacon 5	21-29-57.367N 157-49-37.009W				SG on multi-pile structure.	
28705	- Channel Daybeacon 6	21-30-01.066N 157-49-42.209W				TR on multi-pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteenth District				
	OAHU ISLAND (Chart 19357)						
	Kaneohe Bay						
28710	KANEOHE ENTRANCE AND KUALOA POINT RANGE FRONT LIGHT	21-29-44.412N 157-49-58.202W	Q R	22		KRW on multi-pile structure.	Visible all around with higher intensity beam on rangeline.
28715	- ENTRANCE RANGE REAR LIGHT 550 yards, 227° from front light.	21-29-33.134N 157-50-11.231W	Iso R 6s	55		KRW on multi-pile structure.	Visible 4° each side of range line.
28720	KUALOA BAY ENTRANCE RANGE REAR LIGHT 235 yards, 349.5° from front light.	21-29-51.291N 157-49-59.652W	Iso R 6s	38		KRW on multi-pile structure.	Visible 4° each side of rangeline.
28723	- Channel Buoy 7	21-29-41.500N 157-49-49.000W				Green can.	
28725	- Channel Daybeacon 9	21-29-33.026N 157-49-48.513W				SG on dolphin.	
28730	- Channel Daybeacon 12	21-29-14.631N 157-49-57.105W				TR on pile.	
28735	- Channel Daybeacon 11	21-29-17.570N 157-49-48.530W				SG on pile.	
28740	- CHANNEL LIGHT 14	21-28-23.117N 157-49-44.327W	Fl R 4s	15	4	TR on pile.	
28745	- Channel Daybeacon 15	21-28-13.255N 157-49-34.227W				SG on pile.	
28750	- *Channel Lighted Buoy 17*	21-27-54.300N 157-49-24.500W	Q G		4	Green.	
28755	- CHANNEL LIGHT 18	21-27-39.693N 157-49-18.748W	Fl R 2.5s	15	4	TR on pile.	
28760	- *Channel Lighted Buoy 20*	21-27-21.776N 157-48-42.813W	Fl R 4s		4	Red.	
28765	- CHANNEL LIGHT 21	21-27-12.851N 157-48-13.157W	Fl G 4s	15	5	SG on pile.	
28770	- CHANNEL DANGER LIGHT	21-26-56.476N 157-47-44.840W	Q W	15	4	NW on pile worded DANGER SUBMERGED REEF.	
28775	- CHANNEL LIGHT 22	21-26-44.833N 157-47-38.166W	Fl R 4s	15	4	TR on pile.	
28780	- Channel Daybeacon 23	21-26-46.305N 157-47-27.039W				SG on pile.	
28785	- CHANNEL LIGHT 25	21-26-36.594N 157-47-19.600W	Q G	15	4	SG on dolphin.	
28790	- Channel Buoy 26	21-26-13.777N 157-47-12.015W				Red nun.	
	Kaneohe Bay Yacht Club						
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	- *Outer Channel Red Marker Lighted Buoy*	21-25-06.200N 157-46-27.600W	Q R				Private aid.
28791.11	- *Outer Channel Green Marker Lighted Buoy*	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteenth District				
	OAHU ISLAND (Chart 19357)						
	Kaneohe Bay						
	Kaneohe Bay Yacht Club						
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.
28791.16	- RANGE REAR LIGHT	21-25-01.090N 157-45-57.100W	F R	30			Private aid.
	Heeia Kea Small Boat Harbor						
28795	- Daybeacon 1	21-26-46.251N 157-48-29.065W				SG on pile.	
28800	- LIGHT 2	21-26-53.452N 157-48-33.825W	Iso R 6s	15	5	TR on pile.	
	Sampan Channel						
28805	- *Entrance Lighted Buoy 2*	21-28-09.565N 157-46-37.613W	Fl R 2.5s		4	Red.	
28810	- RANGE FRONT LIGHT	21-26-05.150N 157-48-18.174W	Q R	38		KRW on post.	Visible 4° each side of rangeline.
28815	- RANGE REAR LIGHT 475 yards, 217.2° from front light.	21-25-53.739N 157-48-27.437W	Iso R 6s	80		KRW on post.	Visible 4° each side of rangeline.
28820	- Buoy 4	21-27-44.065N 157-47-00.543W				Red nun.	
28825	- LIGHT 5	21-27-24.336N 157-47-08.946W	Fl G 2.5s	16	4	SG on pile.	
28830	- Daybeacon 7	21-27-13.389N 157-47-19.350W				SG on pile.	
28835	- Daybeacon 8	21-27-00.455N 157-47-34.333W				TR on pile.	
28840	- Daybeacon 9	21-26-58.908N 157-47-32.197W				SG on multi-pile structure.	
28845	- Junction Buoy S	21-26-54.000N 157-47-41.000W				Green and red bands; can.	
	Kaneohe Bay Utility Channel						
28850	- Buoy 2	21-27-08.238N 157-46-59.927W				Red nun.	Marks shoal area.
28855	- Daybeacon 3	21-27-09.624N 157-46-56.931W				SG on pile.	
28860	- LIGHT 4	21-26-58.472N 157-46-53.464W	Fl R 2.5s	15	3	TR on pile.	
28865	- Buoy 5	21-26-57.774N 157-46-51.015W				Green can.	
28869	*Kaneohe Bay Warning Lighted Buoy A*	21-26-33.000N 157-47-03.000W	Fl W 2.5s		5	White with orange bands and orange diamonds.	Marks south boundary of prohibited area.
28870	Kaneohe Bay Warning Buoy B	21-26-16.000N 157-46-27.000W				White can with orange bands and orange diamonds.	Marks south boundary of prohibited area.
28871	Kaneohe Bay Warning Buoy C	21-26-06.000N 157-46-00.000W				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.
28890	*UH Wave Lighted Buoy 098*	21-25-00.000N 157-40-00.000W	Fl (4)Y 20s			Yellow spherical buoy.	Private aid.
	Waimanalo Bay						
	Makai Channel						
28895	- Daybeacon 3	21-19-06.000N 157-40-00.000W				SG on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteenth District				
	OAHU ISLAND (Chart 19357)						
	Waimanalo Bay						
	Makai Channel						
28900	- Daybeacon 4	21-19-03.000N 157-40-04.000W				TR on pile.	Private aid.
28905	- Daybeacon 5	21-19-17.200N 157-40-15.500W				SG on pile.	Private aid.
28920	- Daybeacon 7	21-19-19.500N 157-40-17.500W				SG on dolphin.	Private aid.
28925	**Makapuu Point Light**	21-18-35.592N 157-38-59.072W	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. Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. Operates during periods of darkness only.
	Maunalua Bay						
28930	- LIGHT 1	21-16-15.104N 157-42-56.131W	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.
	Kuapa Entrance Channel						
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
			HAWAII - Fourteenth District				
	OAHU ISLAND (Chart 19357)						
	Maunalua Bay						
	Kuapa Entrance Channel						
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.
	Kaiser Boat Channel						
29060	**Diamond Head Light**	21-15-20.585N 157-48-34.380W	Oc (2)W 10s (R sector) 2s fl 1.5sec. 5s fl 1.5sec.	147	W 17 R 14	Lighthouse. 64	Obscured from 110° to 272°, red from 099° to 110°. Between 105° to 110°, red sector may be obscured by vegetation. Emergency light of reduced intensity when main light is extinguished.
29065	*Diamond Head Reef Lighted Buoy 2*	21-14-48.618N 157-48-56.390W	Q R		4		
29070	- Daybeacon 1	21-16-37.800N 157-50-23.600W		8			Private aid.
29075	- Daybeacon 2	21-16-39.300N 157-50-22.000W		8			Private aid.
29080	- Daybeacon 3	21-16-42.200N 157-50-25.600W		8			Private aid.
29085	- Daybeacon 4	21-16-41.600N 157-50-22.800W		8			Private aid.
	Ala Wai Boat Harbor						
29090	- *Entrance Lighted Buoy 1*	21-16-34.515N 157-50-49.129W	Fl G 2.5s		5	Green.	
29095	- *Entrance Lighted Buoy 2*	21-16-34.114N 157-50-46.129W	Fl R 2.5s		4	Red.	
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 90 yards, 013.5° from front 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.
	Kewalo Basin						
29140	- ENTRANCE DIRECTIONAL LIGHT	21-17-38.680N 157-51-27.842W	F R W G	39		Aluminum tower.	Alternating red/white when right of inbound channel (023 degrees M - 022 degrees M), Fixed red when right of inbound channel (022 degrees M - 021 degrees M). Alternating green/white when left of inbound channel (023 degrees M - 023.5 degrees M), Fixed green light when left of inbound channel (023.5 degrees M - 024 degrees M).
29150	- *Lighted Buoy 1*	21-17-16.163N 157-51-45.325W	Fl G 2.5s		5	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteenth District				
	OAHU ISLAND (Chart 19357)						
	Kewalo Basin						
29155	- *Lighted Buoy 2*	21-17-15.113N 157-51-43.625W	Fl R 4s		5	Red.	
29158	- *Lighted Buoy 3*	21-17-23.326N 157-51-40.198W	Fl G 4s		4	Green.	
29160	- Lighted Buoy 4	21-17-23.281N 157-51-37.646W	Fl R 2.5s		4	Red nun.	
29165	- *Lighted Buoy 6*	21-17-30.612N 157-51-32.425W	Fl R 2.5s		4	Red nun.	
29168	*Mooring Buoy "HST"*	21-13-36.690N 157-51-57.980W	Fl W 2s			White with blue band.	Private aid.
	Honolulu Harbor						
29170	**- Entrance Light**	21-17-44.715N 157-52-08.437W	Fl G 7.5s	95	20	On white post. 82	Visible from 305° to 089°. Lighted throughout 24 hrs.
29175	- *Entrance Lighted Buoy H*	21-16-50.906N 157-52-48.006W	Mo (A) W		6	Red and white stripes with red spherical topmark.	RACON: O (– – –).
29180	- *Channel Lighted Buoy 1*	21-17-30.013N 157-52-26.722W	Fl G 4s		5	Green.	
29185	- ENTRANCE CHANNEL RANGE FRONT LIGHT	21-18-19.030N 157-51-55.674W	F R	45		KRW on concrete structure.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
29190	- ENTRANCE CHANNEL RANGE REAR LIGHT 164 yards, 028° from front light.	21-18-22.990N 157-51-53.458W	F R	60		KRW on single pile mast.	Visible 4° each side of rangeline. Lighted thoughout 24 hours.
29195	- *Channel Lighted Buoy 2*	21-17-27.513N 157-52-21.622W	Fl R 4s		5	Red.	
29200	- Channel Buoy 3	21-17-42.312N 157-52-19.822W				Green can.	
29205	- Channel Buoy 4	21-17-39.583N 157-52-15.151W				Red nun.	
29210	- *Channel Lighted Buoy 5*	21-17-51.512N 157-52-14.322W	Fl G 2.5s		4	Green.	
29215	- *Channel Lighted Buoy 6*	21-17-44.152N 157-52-12.352W	Fl R 2.5s		4	Red.	Marks shoal.
29220	- CHANNEL LIGHT 7	21-18-04.896N 157-52-08.631W	Iso G 6s	15	3	SG on Dolphin.	
29225	- Buoy 8	21-18-18.109N 157-51-57.523W				Red nun.	
29230	- Buoy 10	21-18-32.829N 157-51-55.849W				Red nun.	
29235	- Buoy 12	21-18-58.555N 157-52-47.267W				Red nun.	
	Kalihi Channel						
29240	- *Entrance Lighted Buoy 1*	21-17-23.317N 157-53-54.761W	Fl G 2.5s		5	Green.	
29245	- RANGE FRONT LIGHT	21-18-32.460N 157-53-42.940W	Q G	36		KRW on skeleton tower.	Visible 4° each side of rangeline.
29250	- RANGE REAR LIGHT 677 yards, 007° from front light.	21-18-52.484N 157-53-40.313W	Iso G 6s	68		KRW on skeleton tower.	Visible 4° each side of rangeline.
29255	- *Lighted Buoy 3*	21-17-39.113N 157-53-52.020W	Fl G 2.5s		4	Green.	
29260	- *Lighted Buoy 4*	21-17-38.713N 157-53-47.721W	Fl R 2.5s		4	Red.	
29265	- *Lighted Buoy 5*	21-17-58.185N 157-53-49.224W	Fl G 2.5s		4	Green.	
29270	- *Lighted Buoy 6*	21-17-57.103N 157-53-45.368W	Fl R 4s		4	Red.	
29275	- LIGHT 7	21-18-17.271N 157-53-47.391W	Q G	15	4	SG on dolphin.	
29280	- LIGHT 8	21-18-16.201N 157-53-42.531W	Q R	15	4	TR on dolphin.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteenth District				
	OAHU ISLAND (Chart 19357)						
	Kalihi Channel						
29285	- LIGHT 10	21-18-29.331N 157-53-37.221W	Fl R 2.5s	15	4	TR on dolphin.	
29290	- LIGHT 11	21-18-32.604N 157-53-41.274W	Fl G 2.5s	15	4	SG on dolphin.	
29295	- LIGHT 12	21-18-37.220N 157-53-31.831W	Fl R 4s	15	4	TR on dolphin.	
29300	- LIGHT 13	21-18-47.491N 157-53-37.098W	Fl G 2.5s	15	4	SG on dolphin.	
29305	- LIGHT 14	21-18-46.029N 157-53-23.231W	Fl R 2.5s	15	4	TR on dolphin.	
29310	- LIGHT 15	21-18-51.279N 157-53-26.361W	Fl G 4s	16	5	SG on dolphin.	
	Keehi Lagoon						
29315	- BARGE CHANNEL RANGE FRONT LIGHT	21-19-48.000N 157-53-54.000W	F G	16		KRG on post.	Lighted throughout 24 hours. Private aid.
29320	- BARGE CHANNEL RANGE REAR LIGHT 200 yards, 334° from front light.	21-19-53.000N 157-54-00.000W	F G	22		KRG on post.	Lighted thoroughout 24 hours. 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.
	Hickam Harbor						
29345	- Channel Buoy 1	21-18-12.682N 157-57-10.853W				Green can.	
29350	- CHANNEL LIGHT 2	21-18-12.144N 157-57-07.794W	Fl R 4s	25	4	TR on pile.	
29355	- Channel Daybeacon 3	21-18-25.612N 157-57-10.775W				SG on pile.	
29360	- Channel Daybeacon 4	21-18-25.413N 157-57-07.443W				TR on pile.	
29362	- Channel Buoy 5	21-18-34.990N 157-57-12.994W				Green can.	
29365	- CHANNEL LIGHT 6	21-18-37.203N 157-57-11.843W	Fl R 2.5s	16	4	TR on concrete pile.	
	Pearl Harbor						
29370	- *Entrance Lighted Buoy 1*	21-17-52.215N 157-57-25.019W	Fl G 4s		5	Green.	
29375	- *Entrance Lighted Buoy 2*	21-17-57.000N 157-57-16.800W	Fl R 2.5s		5	Red.	
29380	- ENTRANCE RANGE FRONT LIGHT	21-19-35.878N 157-58-15.477W	Q R	51		KRW on post.	Visible 4° on either side of rangeline.Operates during periods of darkness only.
29385	- ENTRANCE RANGE REAR LIGHT 750 yards, 333.6° from front light.	21-19-55.952N 157-58-26.075W	Oc R 4s	97		KRW on skeleton tower.	Visible 4° each side of rangeline. Operates during periods of darkness only.
29390	- Buoy 3	21-18-31.108N 157-57-46.477W				Green can.	
29395	- Buoy 4	21-18-35.315N 157-57-38.219W				Red nun.	
29400	- LIGHT 5	21-18-54.593N 157-58-01.108W	Fl G 2.5s	16	4	SG on pile.	
29405	- LIGHT 6	21-19-07.315N 157-57-54.419W	Fl R 4s	15	3	TR on pile.	

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			HAWAII - Fourteenth District				
	OAHU ISLAND (Chart 19357)						
	Pearl Harbor						
29410	- LIGHT 7	21-19-22.456N 158-58-10.554W	Fl G 4s	16	4	SG on dolphin.	
29415	- A Docks Basin Daybeacon 2	21-19-35.808N 157-57-55.290W				TR on pile.	
29420	- LIGHT 9	21-19-39.717N 157-58-15.619W	Fl G 4s	15	6	SG on pile.	
29425	- *Lighted Buoy 11*	21-20-11.361N 157-58-18.391W	Fl G 2.5s		5	Green.	
29430	WEST LOCH JUNCTION LIGHT W	21-20-30.369N 157-58-17.342W	Fl (2+1)G 6s	15	6	JG on pile.	
29435	- LIGHT 15	21-20-49.226N 157-58-16.123W	Fl G 4s	15	4	SG on multi-pile structure.	
29440	- LIGHT 16	21-20-57.524N 157-58-05.020W	Q R	15	3	TR on multi-pile structure.	
29445	- LIGHT 17	21-21-02.000N 157-58-17.500W	Q G	15	4	SG on pile.	
29450	- LIGHT 18	21-21-03.522N 157-57-57.921W	Fl R 2.5s	15	4	TR on pile.	
29455	- LIGHT 19	21-21-12.423N 157-58-14.321W	Fl G 6s	15	4	SG on multi-pile structure.	
29460	- LIGHT 20	21-21-08.424N 157-57-50.221W	Fl R 4s	15	4	TR on pile.	
29465	FORD ISLAND JUNCTION LIGHT F	21-21-16.622N 157-57-57.021W	Fl (2+1)G 6s	18	4	JG on multi-pile structure. 18	
29470	- LIGHT 23	21-22-02.214N 157-56-51.719W	Fl G 2.5s	15	4	SG on pile.	
	Pearl Harbor North Channel						
29480	- *Lighted Buoy 1*	21-21-30.110N 157-58-18.600W	Fl G 4s		4	Green.	
29485	- LIGHT 2	21-21-32.220N 157-58-10.120W	Fl R 2.5s	15	4	TR on multi-pile structure.	
29490	- LIGHT 4	21-21-41.419N 157-58-11.120W	Fl R 4s	15	4	TR on multi-pile structure.	
29495	- *Lighted Buoy 6*	21-22-24.651N 157-57-20.348W	Fl R 6s		4	Red.	
29500	- *Lighted Buoy 8*	21-22-20.711N 157-56-56.978W	Fl R 2.5s		4	Red.	
29505	- Buoy 9	21-22-26.230N 157-56-44.728W				Green can.	
	Pearl Harbor Middle Loch						
29507	Pearl Harbor CG Hurricane Mooring Buoy North	21-22-14.000N 157-58-53.000W					White with blue band.
29508	Pearl Harbor CG Hurricane Mooring Buoy South	21-22-06.900N 157-58-51.000W					White with blue band.
	Pearl Harbor West Loch						
29510	- ENTRANCE RANGE FRONT LIGHT	21-21-07.020N 157-58-59.420W	Q G	32		KRW on skeleton tower.	Visible 4° each side of rangeline.
29515	- ENTRANCE RANGE REAR LIGHT 300 yards, 323° from front light.	21-21-14.789N 157-59-05.129W	Iso G 6s	47		KRW on skeleton tower.	Visible 4° each side of rangeline.
29520	- Daybeacon 1	21-20-21.622N 157-58-28.221W				SG on pile.	
29525	- LIGHT 3	21-20-53.018N 157-58-53.519W	Q G	17	4	SG on pile.	
29530	- LIGHT 5	21-20-55.922N 157-58-59.520W	Fl G 2.5s	17	4	SG on pile.	
29535	- *Lighted Buoy 6*	21-21-04.860N 157-59-20.880W	Q R		3	Red.	
29540	- *Lighted Buoy 7*	21-21-10.177N 157-59-34.168W	Q G		3	Green.	
29543	- *Lighted Buoy 8*	21-21-21.381N 157-59-35.289W	Fl R 2.5s		3	Red.	

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			HAWAII - Fourteenth District				
	OAHU ISLAND (Chart 19357)						
	Pearl Harbor West Loch						
29545	- LIGHT 9	21-21-14.316N 157-59-43.618W	Fl G 2.5s	16	4	SG on multi-pile structure.	
29550	- LIGHT 10	21-21-22.414N 157-59-58.617W	Fl R 4s	17	4	TR on multi-pile structure.	
29555	- Daybeacon 11	21-21-16.414N 158-00-14.617W				SG on pile.	
	Pearl Harbor East Loch						
29560	- Daybeacon 2	21-22-20.208N 157-56-20.217W				TR on pile.	
29565	- LIGHT 4	21-22-26.806N 157-56-12.117W	Fl R 4s	15	4	TR on pile.	
29568	- Danger Daybeacon	21-23-04.000N 157-57-36.000W				NW on pile.	Private aid.
	Pearl Harbor Southeast Loch						
29570	MERRY POINT LIGHT	21-21-07.850N 157-56-36.650W	F G	38	7	NB on post. 26	
	Barbers Point						
29580	*Anchorage Area Charlie Lighted Buoy A*	21-16-30.000N 158-04-00.000W	Fl Y 4s				Private aid.
29585	*Anchorage Area Charlie Lighted Buoy B*	21-16-30.000N 158-04-30.000W	Fl Y 4s				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	- *Anchorage Area Bravo Tank Terminal Lighted Buoy A*	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	*HIOOS Buoy*	21-16-53.000N 158-07-25.000W				3'x3' Yellow Datawell Waverider Buoy	Private aid.
29650	**- Light**	21-17-46.901N 158-06-22.239W	Fl W 7.5s	85	24	White cylindrical concrete tower. 76	Obscured from 147.7° to shore. Lighted throughout 24 hours.
29651	- *Harbor Entrance Channel Lighted Buoy 2*	21-18-55.404N 158-07-40.668W	Fl R 2.5s		4	Red.	
29651.5	- *Harbor Entrance Channel Lighted Buoy 3*	21-19-00.000N 158-07-45.200W	Fl G 4s		4	Green	
29652	- HARBOR ENTRANCE CHANNEL RANGE FRONT LIGHT	21-19-44.897N 158-06-53.039W	F G	50		KRW on post.	Visible 4° each side of rangeline.
29653	- HARBOR ENTRANCE CHANNEL RANGE REAR LIGHT 125 yards, 045° from front light.	21-19-47.526N 158-06-50.236W	Iso G 6s	75		KRW on post.	Visible 4° each side of rangeline.
29654	- HARBOR ENTRANCE CHANNEL LIGHT 4	21-19-07.645N 158-07-28.345W	Fl R 2.5s	25	4	TR on pile.	
29654.1	- HARBOR ENTRANCE CHANNEL LIGHT 5	21-19-13.376N 158-07-30.829W	Fl G 2.5s	25	4	SG on dolphin.	
29654.2	- HARBOR ENTRANCE CHANNEL LIGHT 6	21-19-19.075N 158-07-16.076W	Q R	25	6	TR on post.	
29654.3	- HARBOR ENTRANCE CHANNEL LIGHT 7	21-19-23.809N 158-07-19.817W	Q G	25	6	SG on pile.	
	West Beach Marina						
29655	- LIGHT 1	21-19-12.000N 158-07-06.000W	Fl 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteenth District				
	OAHU ISLAND (Chart 19357)						
	West Beach Marina						
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	Fl G 6s	20		SG on pile.	Private aid.
29664	- Daybeacon 14	21-19-47.790N 158-07-20.500W				TR on pile.	Private aid.
	South Coast of O'ahu (chart 19362)						
29667	Ko'Olina CG Mooring Buoy	21-20-21.600N 158-08-13.800W					
29670	MAH Mooring Buoy	21-19-59.340N 158-11-12.600W					White with blue band. Private aid.
	OAHU ISLAND (Chart 19357)						
	Waianae Harbor						
29675	- BREAKWATER LIGHT 1	21-26-50.684N 158-11-48.897W	Fl G 2.5s	20	8	SG on Spindle.	
29680	- RANGE FRONT LIGHT	21-26-55.572N 158-11-46.698W	Q R	20		KRW on post.	
29685	- RANGE REAR LIGHT 78 yards, 003° from front light.	21-26-57.730N 158-11-46.630W	Iso R 6s	27		KRW on post.	
29690	**Kaena Point Light**	21-34-19.591N 158-15-50.083W	Fl W 10s	931	25	On top of building. 25	Lighted throughout 24 hours.
29695	KAENA POINT PASSING LIGHT	21-34-27.594N 158-16-45.868W	Fl W 2.5s	71	7	NR on post.	
29697	*UH Research Lighted Buoy Makaha*	21-30-06.000N 158-14-30.000W	Fl (2)W 6s			Yellow can with black mast.	Private aid.
	Haleiwa Harbor						
29700	- RANGE FRONT LIGHT	21-35-42.949N 158-06-11.528W	F G	24		KRW on post.	Visible 4° each side of rangeline.
29705	- RANGE REAR LIGHT 305 yards, 129° from front light.	21-35-36.574N 158-06-02.094W	F G	46		KRW on post.	Visible 4° each side of rangeline.
29710	- *Entrance Lighted Buoy 2*	21-36-11.061N 158-06-50.645W	Fl R 2.5s		3	Red.	
29720	- Buoy 3	21-35-58.355N 158-06-28.859W				Green can.	
29725	- Buoy 4	21-35-56.919N 158-06-32.112W				Red nun.	
29732	- BREAKWATER LIGHT 6	21-35-47.633N 158-06-22.416W	Fl R 4s	20	6	TR on post.	
29734	- LIGHT 7	21-35-42.216N 158-06-21.301W	Fl G 6s	20	6	SG on post.	
29734.5	*UH Wave Lighted Buoy 106*	21-40-22.000N 158-06-57.000W	Fl (4)Y 20s			Yellow spherical buoy.	Private aid.
	OAHU ISLAND (Chart 19013)						
29734.6	*HOT site surface mooring buoy*	22-40-00.000N 157-57-00.000W	Fl Y 4s				Private aid.
	OAHU TO NIIHAU (Chart 19380)						
	Kauai Island						
29735	**Kilauea Point Light**	22-13-53.233N 159-24-07.063W	Fl W 10s	174	23	White concrete post. 10	Obscured from 295° to 065°. Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. Operates during periods of darkness only.
29740	KAHALA POINT LIGHT	22-08-47.681N 159-17-43.449W	Fl W 6s	40	9	NB on spindle.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteenth District				
	OAHU TO NIIHAU (Chart 19380)						
	Kauai Island						
29745	**Nawiliwili Harbor Light**	21-57-17.903N 159-20-08.903W	Fl W 15s	110	24	Buff-colored cylindrical concrete tower. 73	Obscured from 065° to 163°. Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. Operates during periods of darkness only.
29750	*Ninini Point Lighted Buoy 2* Marks shoal off Ninini Point.	21-57-10.760N 159-20-07.270W	Fl R 4s		4	Red.	
	Nawiliwili Harbor						
29755	KUKII POINT LIGHT	21-57-23.800N 159-20-52.700W	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	21-57-22.910N 159-21-08.727W	F R	45		KRW on post.	Visible 4° each side of rangeline.
29765	- RANGE REAR LIGHT 181 yards, 289.4° from front light.	21-57-24.702N 159-21-14.174W	F R	68		KRW on building.	Visible 4° each side of rangeline.
29770	- BREAKWATER LIGHT	21-57-11.682N 159-20-54.936W	Q W	33	4	NB on post. 23	
29775	- Entrance Buoy 1 Marks submerged end of breakwater.	21-57-13.658N 159-20-53.798W				Green can.	
29780	- Buoy 2	21-57-21.675N 159-20-57.748W				Red nun.	
29783	- Buoy 4	21-57-16.000N 159-21-02.900W				Red nun.	
29784	- Buoy 5	21-57-06.558N 159-21-01.612W				Green can.	
29785	- Buoy 6	21-57-09.647N 159-21-07.745W				Red nun.	
29790	- *Lighted Buoy 7*	21-57-00.702N 159-21-07.182W	Fl G 2.5s		3	Green.	
	Nawiliwili Small Boat Harbor						
29793	Nawiliwili Harbor Buoy 9	21-56-58.296N 159-21-13.680W				Green can.	
	Nawiliwili Harbor						
29795	- Buoy 11	21-57-00.000N 159-21-20.340W				Green can.	
	Nawiliwili Small Boat Harbor						
29805	- LIGHT 1	21-56-57.753N 159-21-25.375W	Fl G 6s	18	4	SG on pile.	Obscured from 244° to 021°.
29810	- LIGHT 2	21-56-58.154N 159-21-28.545W	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.
29845	- LIGHT 15	21-57-01.000N 159-21-38.600W	Q G	8		SG on pile.	Private aid.
	Kauai Island						
29850	MAKAHUENA POINT LIGHT	21-52-08.290N 159-26-38.548W	Fl W 2.5s	80	8	NB on post.	Obscured from 110° to 237.5°.
29860	Kalanipuao Rock Buoy 2	21-52-38.693N 159-31-21.020W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteenth District				
	OAHU TO NIIHAU (Chart 19380)						
	Kauai Island						
29865	PUOLO POINT LIGHT	21-53-34.394N 159-36-15.629W	Fl W 4s (R sector)	28	W 5 R 5	NB on post.	Red from 261° to 282°, covers Kalanipuao Rock.
	Hanapepe Bay						
29875	- *Lighted Buoy 1*	21-53-45.497N 159-35-36.607W	Fl G 2.5s		5	Green.	
29877	- BREAKWATER LIGHT 2	21-53-49.097N 159-35-27.252W	Q R	32	5	TR on spindle.	
29885	- *Lighted Buoy 3*	21-53-57.136N 159-35-38.346W	Fl G 4s		5	Green.	
29890	- Buoy 5	21-54-01.300N 159-35-30.000W				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	*Port Allen Small Boat Harbor Breakwater Light 2*	21-54-04.440N 159-35-20.130W	Fl R 2s				Private aid.
	Kikiaola Boat Harbor						
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.
	Hanapepe Bay						
29905	KOKOLE LIGHT	21-58-44.418N 159-45-22.027W	Fl W 6s	58	6	NB on skeleton tower.	Obscured from 163° to 283°.
29910	NOHILI POINT LIGHT	22-03-44.812N 159-46-58.086W	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.
	Lehua Island						
29935	LEHUA ROCK LIGHT	22-01-12.430N 160-05-50.940W	Fl W 4s	704	7	On post.	Obscured from 344° to 045°.
			PACIFIC ISLANDS - Fourteenth District				
	LAYSAN ISLAND TO KURE ISLAND (Chart 19022)						
	Midway Islands						
	Midway Channel						
29945	- *Entrance Lighted Buoy 1*	28-11-53.949N 177-21-21.508W	Fl G 2.5s		4	Green.	
29950	- RANGE FRONT	28-13-51.499N 177-21-17.184W		25		KRW on multi-pile structure.	
29955	- RANGE REAR 600 yards, 359.5° from front range.	28-14-09.499N 177-21-17.284W		51		KRW on pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PACIFIC ISLANDS - Fourteenth District						
	LAYSAN ISLAND TO KURE ISLAND (Chart 19022)						
	Midway Islands						
	Midway Channel						
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.	
29975	- Buoy 5 Marks tip of shoal.	28-12-26.817N 177-21-19.817W				Green can.	
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.	
30000	Midway Basin Channel Buoy 2	28-12-44.000N 177-21-27.676W				Red nun.	
30005	Midway Inner Basin Junction Buoy B	28-12-46.688N 177-21-20.332W				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.	
30020	- Buoy 12	28-13-10.965N 177-21-16.774W				Red nun.	
30025	- Buoy 13	28-13-10.873N 177-21-30.218W				Green can.	
30030	- Buoy 14	28-13-19.522N 177-21-36.349W				Red nun.	
30035	- Buoy 15	28-13-08.876N 177-21-51.147W				Green can.	
30040	- Buoy 16	28-13-19.201N 177-21-50.046W				Red nun.	
30045	- Buoy 17	28-13-04.464N 177-21-58.841W				Green can.	
	SAMOA ISLANDS (Chart 83484)						
	The Samoan Islands have been converted to the IALA Maritime Buoyage System for Region A.						
30175	AUNUU ISLAND LIGHT	14-16-49.525S 170-32-56.249W	Fl W 4s	272	7	Spindle.	Obscured west of 158° and within 1 mile south of Aunuu Island is obscured from 007° to 035°.
30180	AUNUU ISLAND BREAKWATER LIGHT 1	14-16-59.287S 170-33-40.670W	Fl G 4s	27	3	TG on Spindle.	
	Tutuila Island						
30185	BREAKERS POINT LIGHT	14-17-23.172S 170-39-49.040W	Fl 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*	14-19-25.954S 170-40-28.486W	Fl G 4s		4	Green.	
	Pago Pago Harbor						
30190	- RANGE FRONT LIGHT	14-16-08.357S 170-40-27.061W	Q R	26		KRW on skeleton tower.	Visible 4° each side of rangeline.
30195	- RANGE REAR LIGHT 253 yards, 342° from front light.	14-16-02.400S 170-40-29.500W	Iso R 6s	150		KRW on square structure.	Visible 4° each side of rangeline.
30200	*Whale Rock Lighted Buoy 2*	14-17-08.904S 170-40-11.789W	Fl R 4s		3	Red.	
30205	Toasa Rock Buoy 3	14-16-58.798S 170-40-06.109W				Green nun.	
30210	- *Lighted Buoy 4*	14-16-33.488S 170-40-45.976W	Fl R 2.5s		3	Red.	
30215	- *Lighted Buoy 5*	14-16-32.182S 170-40-15.343W	Fl G 2.5s		3	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PACIFIC ISLANDS - Fourteenth District						
	SAMOA ISLANDS (Chart 83484)						
	Pago Pago Harbor						
30220	- Daybeacon 6	14-16-33.210S 170-41-24.960W				SR on pile.	
30225	- Danger Buoy	14-16-18.468S 170-41-14.742W				White with orange bands and orange diamond worded DANGER.	
	Tutuila Island						
30235	STEPS POINT LIGHT	14-22-22.246S 170-45-34.968W	Fl W 4s	78	7	NB on spindle.	
	Ofu Harbor						
30240	- LIGHT 1	14-09-48.720S 169-40-51.070W	Fl G 4s	15	4	TG on pile.	
30245	- LIGHT 2	14-09-49.600S 169-40-58.000W	Fl R 4s	22	4	SR on pile.	
	Ta`u Harbor						
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.	
	Faleasao Harbor						
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.	
	KWAJALEIN ATOLL (Chart 81715)						
	Kwajalein Atoll						
	Roi-Namur Island Channel						
	Kwajalein Atoll has been converted to the IALA Maritime Buoyage system for Region A.						
30310	- *Approach Lighted Buoy 2*	09-20-33.813N 167-27-48.184E	Fl R 4s		4	Red.	
30312	- Daybeacon 3	09-22-25.260N 167-28-19.380E				TG on pile.	
30315	- *Lighted Buoy 5*	09-22-59.271N 167-28-10.566E	Fl 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.	
	Kwajalein-Roi Highway Channel						
30345	- *Lighted Buoy 2*	08-53-03.950N 167-38-46.102E	Fl R 4s		3	Red.	
30350	- Buoy 4	08-59-35.194N 167-36-38.986E				Red can.	
30354	Kwaj-Roi Highway Channel Buoy "6"	09-06-08.390N 167-34-35.217E				Red can.	Add to list.
30355	- Daybeacon 6						Remove from list.
30357	- *Lighted Buoy 8*	09-12-32.345N 167-30-27.417E	Fl R 4s			Red.	
30360	- Buoy 9	09-14-17.352N 167-30-28.248E				Green nun.	
30362	- Buoy 10	09-16-01.758N 167-29-04.011E				Red can.	
30365	- Buoy 12	09-18-01.616N 167-28-24.455E				Red can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			PACIFIC ISLANDS - Fourteenth District				
	KWAJALEIN ATOLL (Chart 81715)						
	Kwajalein Atoll						
	Kwajalein-Roi Highway Channel						
30370	- *Lighted Buoy 13*	09-18-41.224N 167-28-33.370E	Fl G 4s		5	Green.	
	Meck Island						
30375	- *Approach Lighted Buoy 2*	08-59-59.639N 167-42-38.268E	Fl R 4s		3	Red.	
	Kwajalein Bigej Channel						
30390	Kwajalein-Bigej Channel Buoy 1	08-52-28.380N 167-45-46.655E				Green nun.	
30395	Kwajalein-Bigej Channel Buoy 2	08-52-13.440N 167-45-38.502E				Red can.	
	Kwajalein South Pass						
30400	- Buoy 1	08-46-46.752N 167-38-50.699E				Green nun.	
30405	- Buoy 2	08-47-02.752N 167-38-38.699E				Red can.	
	Kwajalein Gea Pass						
30410	- *Lighted Buoy 2*	08-49-12.952N 167-35-49.399E	Fl R 2.5s		5	Red.	
30415	- *Lighted Buoy 3*	08-49-08.956N 167-36-11.685E	Fl G 2.5s		5	Green.	
30420	- Buoy 4	08-49-19.852N 167-36-20.299E				Red can.	
30425	- *Lighted Buoy 6*	08-49-25.416N 167-36-59.928E	Fl R 4s		3	Red.	
	Kwajalein Lagoon						
30430	- *Junction Lighted Buoy V*	08-52-22.852N 167-43-49.599E	Fl (2+1)R 6s		4	Red and green bands.	
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.	
30445	Kwajalein Bigej Channel Buoy 5A	08-47-41.923N 167-42-07.069E				Green nun.	
30450	KWAJALEIN-BIGEJ CHANNEL LIGHT 7	08-47-01.440N 167-42-30.600E	Fl G 4s	13	5	SG on post.	
30455	*Kwajalein-Bigej Channel Lighted Buoy 8*	08-45-28.052N 167-43-53.399E	Fl R 2.5s		3	Red.	
30460	KWAJALEIN-BIGEJ JUNCTION LIGHT N	08-44-19.399N 167-43-45.359E	Fl (2+1)G 6s	12	5	Green and red bands.	
30465	*Kwajalein Harbor Approach Channel Lighted Buoy 1*	08-47-33.847N 167-39-47.209E	Fl G 4s		5	Green.	
30470	*Kwajalein Harbor Junction Lighted Buoy B*	08-45-24.752N 167-42-46.699E	Fl (2+1)R 6s		4	Red and green bands.	
	Kwajalein Harbor						
30475	- Channel Buoy 3	08-45-02.455N 167-42-33.298E				Green nun.	
30480	- Channel Buoy 5	08-44-29.452N 167-43-06.699E				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*	08-44-11.352N 167-43-33.299E	Fl R 4s		4	Red.	
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.	
	ISLAND OF GUAM (Marianas) (Chart 81048)						
	Guam Island						
	The Marianas Islands have been converted to the IALA Maritime Buoyage System for Region A.						
30600	*Fad Site "Number 6"*	13-42-36.000N 145-01-36.000E	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
	PACIFIC ISLANDS - Fourteenth District						
	ISLAND OF GUAM (Marianas) (Chart 81048)						
	Guam Island						
	The Marianas Islands have been converted to the IALA Maritime Buoyage System for Region A.						
30603	*Fad Site "Cocos" - Guam*	13-12-00.000N 144-41-42.000E	Fl Y 4s			Yellow spherical buoy.	Private aid.
30606	*Fad Site "Umatac"*	13-17-00.000N 144-37-00.000E	Fl Y 4s			Yellow spherical buoy.	Private aid.
30609	*Fad Site "9 Mile"*	13-15-06.000N 144-28-42.000E	Fl Y 4s			Yellow spherical buoy.	Private aid.
30612	*Fad Site "FACPI 2" - Guam*	13-19-36.000N 144-33-18.000E	Fl Y 4s			Yellow spherical buoy.	Private aid.
30615	*Fad Site "FACPI" - Guam*	13-20-24.000N 144-36-30.000E	Fl Y 4s			Yellow spherical buoy.	Private aid.
30618	*Fad Site "Agat"*	13-23-18.000N 144-33-54.000E	Fl Y 4s			Yellow spherical buoy.	Private aid.
30621	*Fad Site "Number 1" - Guam*	13-32-12.000N 144-43-06.000E	Fl Y 4s			Yellow spherical buoy.	Private aid.
30624	*Fad Site "Number 2" - Guam*	13-35-36.000N 144-45-36.000E	Fl Y 4s			Yellow spherical buoy.	Private aid.
30627	*Fad Site "Ledge" - Guam*	13-35-48.000N 144-40-24.000E	Fl Y 4s			Yellow spherical buoy.	Private aid.
30631	*Fad Site "Number 3"*	13-39-54.000N 144-46-06.000E	Fl Y 4s			Yellow spherical buoy.	Private aid.
30634	*Fad Site "Number 4"*	13-43-18.000N 144-43-18.000E	Fl Y 4s			Yellow spherical buoy.	Private aid.
30637	*Fad Site "Old NOAA" - Guam*	13-43-30.000N 144-40-48.000E	Fl Y 4s			Yellow spherical buoy.	Private aid.
30640	*Fad Site "Number 5"*	13-44-42.000N 144-48-24.000E	Fl Y 4s			Yellow Spherical buoy.	Private aid.
30660	RITIDIAN POINT LIGHT	13-39-00.504N 144-51-42.678E	Fl W 6s	573	9	NB on pile.	Obscured from 291° to 053°.
	Agana Small Boat Basin Approach						
30665	- RANGE FRONT LIGHT	13-28-44.329N 144-45-06.656E	Q R	19		KRW on post.	Visible 4° each side of rangeline.
30670	- RANGE REAR LIGHT 133 yards, 186.5° from front light.	13-28-40.379N 144-45-06.176E	Iso R 6s	37		KRW on post.	Visible 4° each side of rangeline.
30675	- LIGHT 1	13-28-56.278N 144-45-06.247E	Fl G 2.5s	17	3	TG on pile.	
30680	- LIGHT 2	13-28-56.198N 144-45-12.257E	Fl R 2.5s	22	4	SR on pile.	
30685	**Orote Point Light**	13-26-47.041N 144-37-10.970E	Fl W 5s	226	15	NB on concrete tower. 20	Obscured from 227° to 358°.
	Apra Outer Harbor						
30690	- *Entrance Lighted Buoy 1*	13-27-02.268N 144-37-24.367E	Fl G 4s		4	Green.	
30695	- *Entrance Lighted Buoy 2*	13-27-10.127N 144-37-22.756E	Fl R 4s		3	Red.	
30700	- ENTRANCE RANGE FRONT LIGHT	13-27-23.248N 144-39-59.803E	Q Y	35		KRW on post.	Visible 4° each side of rangeline.
30705	- ENTRANCE RANGE REAR LIGHT 700 yards, 083° from front light.	13-27-25.706N 144-40-20.638E	Iso Y 6s	65		KRW on skeleton tower.	Visible 4° each side of rangeline.
30710	GLASS BREAKWATER LIGHT	13-27-17.472N 144-37-27.937E	Fl W 4s	60	6	NB on concrete base.	
30725	- PIER DOG LIGHT	13-27-47.487N 144-38-54.160E	Fl W 4s	25	6	NB on post.	Obscured from 090° to 270°.
30730	- *Lighted Buoy 3*	13-27-14.248N 144-39-14.727E	Fl G 2.5s		4	Green.	
	Cabras Island Channel						
30735	- *Lighted Buoy 2*	13-27-32.565N 144-39-19.377E	Fl R 2.5s		3	Red.	
30740	- *Junction Lighted Buoy A*	13-27-24.318N 144-39-26.387E	Fl (2+1)G 6s		4	Green and red bands.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PACIFIC ISLANDS - Fourteenth District						
	ISLAND OF GUAM (Marianas) (Chart 81048)						
	Guam Island						
	Cabras Island Channel						
30745	- LIGHT 4	13-27-33.513N 144-39-38.003E	Iso R 6s	29	7	SR on concrete pile.	
30750	- *Lighted Buoy 5*	13-27-24.478N 144-39-49.717E	Fl G 6s		4	Green.	
30751	PITI CHANNEL ENTRANCE LIGHT 1	13-27-35.400N 144-40-24.900E	Fl G 4s	10	4	TG on pile.	
30752	PITI CHANNEL ENTRANCE LIGHT 2	13-27-36.500N 144-40-24.900E	Fl R 4s	30	3	SR on pile.	
	Apra Outer Harbor						
30755	- *Lighted Buoy 5*	13-27-12.928N 144-39-21.657E	Q G		4	Green.	
30760	- *Lighted Buoy 6*	13-27-13.758N 144-39-32.197E	Fl R 4s		3	Red.	
30765	- *Lighted Buoy 7*	13-27-04.738N 144-39-31.297E	Fl G 4s		4	Green.	
30770	- *Lighted Buoy 8*	13-27-09.138N 144-39-36.197E	Fl 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	8	NB on skeleton tower.	
	Drydock Point						
30787	- West Entrance Daybeacon 1	13-26-50.874N 144-40-09.434E				TG on pile.	Private aid.
30787.2	- West Entrance Daybeacon 2	13-26-53.461N 144-40-01.435E				SR on pile.	Private aid.
30787.4	- East Entrance Daybeacon 1	13-26-48.000N 144-40-24.000E				TG on pile.	Private aid.
30787.6	- East Entrance Daybeacon 2	13-26-50.908N 144-40-21.205E				SR on pile.	Private aid.
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.
	Apra Inner Harbor						
30790	POLARIS POINT RANGE FRONT LIGHT	13-26-32.289N 144-40-01.817E	Q R	15		KRW on post.	Visible 4° each side of rangeline.
30795	POLARIS POINT RANGE REAR LIGHT 420 feet, 141° from front light.	13-26-29.110N 144-40-04.505E	Iso R 6s	24		KRW on post.	Visible 4° each side of rangeline.
30800	- RANGE FRONT LIGHT	13-25-06.556N 144-40-01.678E	Q G	38		KRW on post.	Visible 4° each side of rangeline.
30805	- RANGE REAR LIGHT 200 yards, 176° from front light.	13-25-00.936N 144-40-02.062E	Iso G 6s	55		KRW on post.	Visible 4° each side of rangeline.
	Apra Harbor West Channel						
30810	Apra Harbor Western Shoal Buoy WS	13-26-59.579N 144-39-14.080E				Red and green bands; can.	
30810.5	*ACOE Wave Meter Lighted Buoy*	13-22-12.000N 144-38-36.000E	Fl Y 4s			Yellow sphere.	Aid maintained by U.S. Army Corps of Engineers.
30811	*Agat Harbor Entrance Lighted Buoy AG*	13-22-03.678N 144-38-30.732E	Mo (A) W		3	Red and white stripes with red spherical topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PACIFIC ISLANDS - Fourteenth District						
	ISLAND OF GUAM (Marianas) (Chart 81048)						
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	Agat Small Boat Harbor						
30811.1	- *Entrance Lighted Buoy 1*	13-21-57.409N 144-38-37.340E	Q G		4	Green.	
30811.3	- LIGHT 3	13-28-54.000N 144-47-30.000E	Fl G 2.5s	12		TG on pile	Private aid.
30811.4	- LIGHT 4	13-28-54.000N 144-47-30.000E	Fl R 2.5s	12		SR on pile.	Private aid.
30811.5	- Daybeacon 5	13-28-54.000N 144-47-30.000E				TG on pile.	Private aid.
30811.6	- Daybeacon 6	13-28-54.000N 144-47-30.000E				SR on pile.	Private aid.
30811.7	- Daybeacon 7	13-22-00.000N 144-38-24.000E				TG on pile.	Private aid.
30811.8	- Daybeacon 8	13-28-54.000N 144-47-30.000E				SR on pile.	Private aid.
30811.9	- Daybeacon 9	13-28-54.000N 144-47-30.000E				TG on pile.	Private aid.
	Merizo Bay						
	Mamaon Channel						
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.
	Merizo Channel						
30825	- *Lighted Buoy 3*		Fl G 2s				Remove from list. Private aid.
30830	- *Lighted Buoy 4*		Fl R 2s				Remove from list. Private aid.
30835	- *Lighted Buoy 5*		Fl G 2s				Remove from list. Private aid.
30840	- *Lighted Buoy 6*		Fl R 2s				Remove from list. Private aid.
	ROTA ISLAND (Chart 81063)						
	Rota West Harbor						
30845	- RANGE FRONT LIGHT	14-08-06.000N 145-07-54.000E	Q G	33		KRW on post.	
30850	- RANGE REAR LIGHT 41 yards, 118° from front light.	14-08-06.000N 145-07-54.000E	Iso G 6s	46		KRW on post.	
30852	Rota CG Mooring Buoy	14-08-02.400N 145-08-31.200E					
	SAIPAN (Chart 81076)						
	Tanapag Harbor						
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 Buoy 1	15-12-42.992N 145-41-45.099E				Green nun.	
30865	MANAGAHA ISLAND LIGHT	15-14-26.617N 145-42-44.696E	Fl W 6s (G & R sectors)	75	W 6 G 5 R 5	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	Q R		4	Red.	
30871	- *Channel Lighted Buoy 2A*	15-13-45.408N 145-42-01.182E	Fl R 2.5s		3	Red.	
30875	- RANGE FRONT LIGHT	15-13-41.750N 145-44-17.170E	Q G	50		KRW on skeleton tower.	Visible 4° each side of rangeline.
30880	- RANGE REAR LIGHT 1,100 yards, 088.4° from front light.	15-13-42.985N 145-44-51.782E	Iso G 6s	97		KRW on skeleton tower.	Visible 4° each side of rangeline.
30885	- *Channel Lighted Buoy 3*	15-13-39.270N 145-42-05.736E	Fl G 2.5s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			PACIFIC ISLANDS - Fourteenth District				
	SAIPAN (Chart 81076)						
	Tanapag Harbor						
30890	- Channel Buoy 4	15-13-45.134N 145-42-37.733E				Red can.	
30895	- Channel Buoy 5	15-13-41.025N 145-42-38.127E				Green nun.	
30900	- *Channel Lighted Buoy 6*	15-13-45.954N 145-43-03.650E	Fl R 4s		4	Red.	
30905	- *Channel Lighted Buoy 7*	15-13-41.652N 145-43-03.215E	Fl 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					
	Smiling Cove						
30913	- Buoy 1	15-13-28.850N 145-43-22.180E				Green nun.	Private aid.
30914	- Buoy 2	15-13-21.970N 145-43-23.540E				Red can.	Private aid.
	SAIPAN (Chart 81076)						
	Tanapag Harbor						
	Tanapag Small Boat Harbor						
30916	Tanapag Boat Ramp Buoy 1	15-14-59.000N 145-45-27.000E				Green nun.	Private aid.
30916.1	Tanapag Boat Ramp Buoy 2	15-15-00.000N 145-45-27.000E				Red can.	Private aid.
30916.2	Tanapag Boat Ramp Buoy 3	15-14-54.000N 145-45-26.000E				Green nun.	Private aid.
30916.3	Tanapag Boat Ramp Buoy 4	15-14-59.000N 145-45-28.000E				Red can.	Private aid.
30916.4	Tanapag Boat Ramp Buoy 5	15-14-49.000N 145-45-23.000E				Green nun.	Private aid.
30916.5	Tanapag Boat Ramp Buoy 6	15-14-53.000N 145-45-27.000E				Red can.	Private aid.
30916.6	Tanapag Boat Ramp Buoy 7	15-14-45.000N 145-45-20.000E				Green nun.	Private aid.
30916.7	Tanapag Boat Ramp Buoy 8	15-14-49.000N 145-45-24.000E				Red can.	Private aid.
30916.8	Tanapag Boat Ramp Buoy 9	15-14-41.000N 145-45-16.000E				Green nun.	Private aid.
30916.9	Tanapag Boat Ramp Buoy 10	15-14-44.000N 145-45-21.000E				Red can.	Private aid.
30916.91	Tanapag Boat Ramp Buoy 11	15-14-38.000N 145-45-14.000E				Green nun.	Private aid.
30916.92	Tanapag Boat Ramp Buoy 12	15-14-37.000N 145-45-15.000E				Red can.	Private aid.
30916.93	Tanapag Boat Ramp Buoy 13	15-14-34.000N 145-45-13.000E				Green nun.	Private aid.
30916.94	Tanapag Boat Ramp Buoy 14	15-14-34.000N 145-45-14.000E				Red can.	Private aid.
30916.95	Tanapag Boat Ramp Buoy 15	15-14-33.000N 145-45-13.000E				Green nun.	Private aid.
	Saipan and Tinian (Chart 81067)						
30918	Sugar Dock Channel Buoy 3	15-08-54.800N 145-41-49.700E				Green can.	Private aid.
30918.1	Sugar Dock Channel Buoy 4	15-08-56.600N 145-41-49.100E				Red nun.	Private aid.
30918.2	Sugar Dock Channel Buoy 5	15-09-00.600N 145-41-53.800E				Green can.	Private aid.
30918.3	Sugar Dock Channel Buoy 6	15-09-01.000N 145-41-52.800E				Red nun.	Private aid.
30918.4	Sugar Dock Channel Buoy 7	15-09-03.400N 145-41-56.400E				Green can.	Private aid.
30918.5	Sugar Dock Channel Buoy 8	15-09-06.600N 145-41-59.200E				Red nun.	Private aid.
30918.6	Sugar Dock Channel Buoy 10	15-09-05.800N 145-41-56.600E				Red nun.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			PACIFIC ISLANDS - Fourteenth District				
	SAIPAN (Chart 81076)						
	Tanapag Harbor						
	Saipan and Tinian (Chart 81067)						
30918.7	Sugar Dock Channel Buoy 12	15-09-06.600N 145-41-59.200E				Red nun.	Private aid.
	Saipan Channel						
30919	USHI POINT LIGHT	15-06-01.620N 145-38-39.039E	Fl W 2.5s	18	6	NB on Pile.	
	TINIAN (Chart 81071)						
	Tinian Harbor						
30920	- *Channel Lighted Buoy 1*	14-57-14.137N 145-37-23.986E	Fl G 2.5s		3	Green.	
30925	- *Channel Lighted Buoy 2*	14-57-24.154N 145-37-21.871E	Fl 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 (NIGHT)		3	Red.	
30940	- CHANNEL LIGHT 5	14-57-50.760N 145-37-24.300E	Fl G 4s	20	4	TG on post. On corner of pier.	
30945	- Channel Buoy 6	14-57-41.224N 145-37-22.994E				Red can.	

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G4682.50	10945
G4682.80	10950
G4682.81	10955
G4683.00	10970
G4683.40	10975
G4683.60	10980
G4684.00	10985
G4684.10	10990
G4684.20	11000
G4684.80	11005
G4685.00	11010
G4685.10	11015
G4685.40	11025
G4686.00	11030
G4686.10	11035
G4686.40	11040
G4687.00	11050
G4687.20	11055
G4687.40	11060
G4690.00	11065
G4690.20	11130
G4690.40	11135
G4691.00	11140
G4691.10	11145
G4691.40	11150
G4695.80	14900
G4696.00	14905
G4696.20	14910
G4696.38	14935
G4696.4	14940
G4696.50	14945
G4696.70	14955
G4697.40	11270
G4698.00	11280
G4698.10	11285
G4698.30	11290
G4698.60	11305
G4699.00	11405
G4699.10	11410
G4699.30	11415
G4701.50	11470
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G4702.10	11485
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G4702.50	11495
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G4704.10	11555
G4704.40	11560
G4705.00	11570
G4705.10	11575
G4706.00	11590
G4706.20	11600
G4708.10	11665
G4708.6	11695
G4708.90	11705
G4709.00	11700
G4709.10	11720
G4710.00	11710
G4710.6	11725
G4711.00	11730
G4711.10	11735
G4711.60	11745
G4712.60	11775
G4718.00	700
G4723.20	15230
G4723.60	15240
G4724.00	15410
G4724.20	15420
G4724.40	15435
G4724.60	15445
G4724.62	15450
G4724.70	15480
G4726.00	720
G4730	15990
G4730.2	15995
G4731.00	16005
G4731.20	16010
G4731.40	16015
G4731.50	16020
G4731.52	16025
G4732.00	15610
G4732.10	15615
G4732.20	15665
G4732.21	15670

Inter.	U.S.
G4732.30	15635
G4732.40	15685
G4732.50	15690
G4733.00	15715
G4733.10	15720
G4733.3	15735
G4733.31	15740
G4733.60	15745
G4734.84	15750
G4734.90	15850
G4734.91	15855
G4735.20	15880
G4735.30	15870
G4735.31	15875
G4735.40	15885
G4735.60	15900
G4741.00	15955
G4741.1	15950
G4750.00	745
G4751.00	16090
G4752.00	16095
G4753.00	16105
G4753.20	16110
G4756.00	760
G4760.00	16160
G4768.00	16280
G4769.20	16300
G4769.80	16310
G4770.00	16320
G4770.20	16325
G4771.00	16330
G4772.00	16335
G4773.00	16445
G4773.20	16450
G4776.00	16400
G4778.00	16375
G4780.00	16380
G4784.00	16475
G4784.80	16480
G4791.00	17562
G4791.20	17563
G4792.00	17565
G4794.00	17575
G4796.00	17585
G4802.00	16500
G4803.00	16505
G4804.00	16515
G4804.70	17715
G4805.00	17720
G4806.00	17665
G4806.40	17670
G4806.6	17675
G4806.61	17680
G4806.80	17690
G4810	16545
G4811.00	17725
G4812.00	17730
G4813.00	17735
G4813.10	17740
G4818.42	17745
G4819.00	17800
G4820	17805
G4821.00	17820
G4822.00	17840
G4822.20	17845
G4822.60	17855
G4823.00	17850
G4823.20	17860
G4823.40	17865
G4824.00	17870
G4825.00	17900
G4826.20	17875
G4826.60	17897
G4827	17905
G4828.00	16550
G4840.10	16675
G4848.00	17930
G4848.50	17945
G4849.00	17950
G4851	17965
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G4851.40	17985
G4851.60	17990
G4851.80	17995
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G4854.30	16775
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G4861.6	18005
G4862.00	18010
G4865.00	16825
G4866.00	16830
G4867.00	16835
G4873.00	16955
G4882.40	16925
G4885.00	16880
G4885.10	16885
G4886.40	16900
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G4888.00	16910
G4890.00	16915
G4892.00	18070
G4893.00	18075
G4894.00	18085
G4895.00	18090
G4895.2	18095
G4896.00	18080
G4900.00	16980
G4901.00	17045
G4901.40	17050
G4901.60	17060
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G4902.60	17065
G4906.00	17070
G4915.5	17165
G4916.00	17160
G4918	17140
G4923.00	17125
G4924	17105
G4924.20	17110
G4924.40	17115
G4924.60	17120
G4932.00	17215
G4934	17225
G4936.00	17250
G4940.00	17270
G4942.00	17280
G4942.60	17330
G4943.00	17365
G4950.00	17355
G4952.00	17400
G4956	17415
G4958.00	17405
G4960.00	17410
G4962.00	17420
G4964	17440
G4968.00	17430
G4968.1	17435
G4968.80	17460
G4969.00	17465
G4969.40	17475
G4970.00	17480
G4970.1	17485
G4976.00	18435
G4978.00	18440
G4982	18460
G4982.30	18465
G4983.20	18490
G4987	18590
G4988.00	18610
G4990.00	18620
G5002	18625
G5004.00	18630
G5005.30	18645
G5005.50	18670
G5007	18710
G5007.02	18715
G5007.16	18725
G5007.17	18730
G5007.18	18735
G5012.00	18760
G5013.00	18820
G5024.10	18825
G5026.00	18885
G5030.00	18890
G5032.00	18895
G5034.00	19325
G5036.00	19350
G5036.40	19360
G5036.42	19365
G5037.00	19370
G5038.00	19395
G5039.00	18960
G5039.40	18955
G5046.00	18948
G5046.40	18995
G5047.00	19010
G5048.00	19015
G5048.60	18986
G5048.70	19055
G5048.80	19060
G5049.00	19075
G5050.00	19070
G5051.00	19085
G5060.20	19171
G5060.30	19172
G5061.00	19465
G5064.00	19425
G5064.40	19415
G5065.00	19435
G5067	19470
G5068.00	19450
G5082.00	19185

Inter.	U.S.
G5083.00	19195
G5084.00	19200
G5086.00	19215
G5089.30	19240
G5089.31	19245
G5092.00	19250
G5092.30	19260
G5105.00	19275
G5106.00	19525
G5107.00	19880
G5108.00	19530
G5120.00	19540
G5122.00	19545
G5124.00	19555
G5125.00	19560
G5125.40	19585
G5126.00	19590
G5128.00	19605
G5128.20	19615
G5128.30	19620
G5129.00	19635
G5130.00	19640
G5131.00	19645
G5132.00	19650
G5133.00	19655
G5134.00	19660
G5135.00	19675
G5136.00	19750
G5140.00	19805
G5142.00	19825
G5146.00	19890
G5147.00	19895
G5147.40	19900
G5147.5	19905
G5148.00	19920
G5149.00	19930
G5152.00	19965
G5154.00	19950
G5154.50	19955
G5160.9	19775
G5161	19970
G5172.00	930
G5178.00	925
G5198.00	905
G5219.00	860
G5224.00	850
G5242.00	820
G5246.00	810

Inter.	U.S.
G5247.00	805
G5249.00	800
G5256.00	790
G5257.00	795
G5279.00	785
G5280.00	780
G5335.00	19695
G5338.00	19720
G5340.00	19790
G5340.4	19785
G5360.00	20370
G5362.00	20365
G5364.00	20355
G5365.00	20360
G5366.00	20345
G5367.00	20350
G5368.00	20325
G5369.00	20335
G5371.00	20320
G5373.00	20330
G5378.00	20380
G5378.60	20410
G5379.00	20405
G5380.00	20420
G5382.00	20395
G5383.00	20390
G5384.00	20385
G5386.00	20400
G5388.00	20450
G5394.00	20435
G5394.10	20440
G5400.00	20470
G5401.00	20480
G5414.00	20490
G5419.00	20510
G5419.40	20515
G5420.00	20520
G5426.00	20500
G5485.00	20525
G5486.00	20535
G5488.00	20540
G5492.00	20460
G5807.00	21770
G5808.00	21780
G5808.20	21785
G5808.40	21795
G5813.00	21805
G5814.00	21820

Inter.	U.S.
G5816.00	21825
G5818.00	21830
G5820.00	21810
G5822.00	21815
G5826.00	935
G5828.00	940
G5854.00	975
G5856.00	980
G5857.00	965
G5858.00	970
G5859.00	960
G5860.00	955
G5861.00	950
G5862.00	945
G5863.80	21870
G5864.00	21860
G5866.00	21865
G5884.00	21880
G5888.00	21900
G5889.00	21905
G5910.00	21850
G5914.00	21855
G5916.00	24350
G5918.00	24360
G5920.00	24365
G5928.00	24420
G5930.00	24430
G5935.00	24435
G5936.00	24440
G5938.00	24395
G5940.00	24410
G5944.00	24450
G5947.00	24465
G5948.00	24475
G5949.00	24485
G5950.00	24635
G5950.20	24625
G5951.00	24570
G5958.00	24730
G5961.00	24755
G5962.00	24780
G5990.00	22005
G5992.00	22000
G5994.00	22010
G5996.00	21995
G5998.00	21990
G6002.00	21840
G6002.40	21920

Inter.	U.S.
G6003.00	21925
G6004.00	21930
G6006.00	21940
G6008.00	21935
G6009.00	21945
G6012.00	22030
G6014.00	22050
G6015.00	22055
G6016.00	22085
G6016.20	22090
G6017.00	22060
G6018.00	22120
G6019.00	22125
G6020.00	22115
G6032.00	22135
G6034.00	22225
G6034.50	22235
G6035.00	22205
G6035.20	22200
G6035.30	22215
G6035.40	22210
G6035.60	22220
G6038.00	22245
G6042.00	22255
G6043.00	22265
G6044.00	22280
G6045.00	22295
G6046.00	22300
G6048.00	22305
G6052.00	22330
G6060.00	22350
G6063.00	22340
G6064.00	22335
G6068.00	22360
G6070.00	22365
G6072.00	22370
G6097.00	22445
G6098.00	22530
G6098.40	22540
G6099.00	22545
G6100.00	22460
G6102.00	22475
G6105.00	22470
G6106.00	22480
G6108.00	22490
G6110.00	22495
G6112.00	22510
G6118.00	23445

Inter.	U.S.
G6123.00	23425
G6124.00	23405
G6126.00	23385
G6128.00	23380
G6130.00	23370
G6132.00	23295
G6136.00	23290
G6138.00	22730
G6140.00	22520
G6141.00	22745
G6141.40	22760
G6156.40	22700
G6157.00	22620
G6158.00	22610
G6160.00	22600
G6162.00	22570
G6164.00	22555
G6166.00	22670
G6166.20	22675
G6166.40	22685
G6168.00	22825
G6170.00	22830
G6171.00	22835
G6172.00	22840
G6174.00	22845
G6175.00	22850
G6176.00	22865
G6180.00	22890
G6181.00	22900
G6181.10	22905
G6181.40	22795
G6181.60	22800
G6182.00	22815
G6193.00	22895
G6194.00	22965
G6196.00	22970
G6202.00	22975
G6203.00	22980
G6203.1	22985
G6204.00	22990
G6206.00	23000
G6208.00	23025
G6210.00	23030
G6212.00	23035
G6214.00	23045
G6218.00	23055
G6219.00	23060
G6220.00	23070

Inter.	U.S.
G6224.00	23080
G6228.00	23085
G6229.00	23095
G6230.00	23100
G6234.00	23105
G6235.00	23110
G6236.00	23120
G6238.00	23125
G6240.00	23130
G6240.10	23170
G6244.00	23175
G6248.00	23190
G6250.00	22775
G6252	22785
G6254.00	23215
G6256	23240
G6258.00	23245
G6260.00	23250
G6264.00	23260
G6268.00	23570
G6269.00	23565
G6270.00	23555
G6271.00	23550
G6271.30	23315
G6271.50	23325
G6272.00	23340
G6273.00	23350
G6274.00	23360
G6276.00	23545
G6284.00	23435
G6315.00	23470
G6316.00	23510
G6318.00	23515
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G6320.00	23525
G6322.00	23540
G6326.00	23530
G6328.00	23985
G6329.00	23990
G6332.00	25315
G6333.00	25310
G6334.00	25275
G6335.00	25300
G6335.50	25295
G6336.00	25285
G6338.00	25305
G6342.00	25260
G6342.50	25265

Inter.	U.S.
G6343.00	25255
G6343.50	25245
G6344.00	25240
G6345.00	25230
G6346.00	25225
G6347.00	25215
G6362.00	24065
G6364.00	24070
G6366.00	24080
G6368.00	24085
G6370.00	24100
G6372.00	24105
G6374.00	24116
G6378.00	24895
G6386.00	24915
G6388.00	24925
G6389.00	24945
G6392.00	24950
G6393.00	24955
G6394.00	24960
G6394.40	24970
G6394.60	24975
G6397.00	25005
G6398.00	25015
G6402.00	25055
G6402.20	25060
G6407.40	25065
G6422.00	23575
G6424.00	23580
G6427.00	23265
G6428.00	23270
G6430.00	23275
G6432.00	23280
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G6436.00	23600
G6438.00	23605
G6440.00	23610
G6446.00	23615
G6448.00	23640
G6450.00	23620
G6454.00	23645
G6455.00	23650
G6456.00	23655
G6458.00	23775
G6458.20	23785
G6458.40	23790
G6458.50	23795
G6460.00	23800

Inter.	U.S.
G6462.00	23665
G6465.40	23675
G6465.50	23710
G6466.00	23725
G6467.00	23740
G6468.00	23770
G6472.00	23803
G6473.00	23805
G6474.00	23815
G6476.00	24130
G6477.00	24120
G6478.00	24125
G6479.00	24135
G6480.00	24140
G6481.00	24150
G6481.20	24155
G6482.00	24160
G6484.00	24175
G6488.00	24180
G6490.00	24205
G6492.00	24195
G6492.50	24200
G6496.00	24235
G6498.00	24225
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G6511.50	24315
G6511.70	24310
G6512.00	25395
G6513.00	25390
G6513.20	25380
G6513.50	25375
G6514.00	1075
G6518.00	1065
G6520.00	1055
G6524.00	23975
G6526.00	23970
G6527.00	23965
G6527.50	23960
G6528.00	23955
G6530.00	23945
G6534.00	23825
G6535.00	23840
G6536.00	23855
G6538.00	23850
G6540.00	23860
G6541.00	23865
G6542.00	23870
G6543	23880

Inter.	U.S.
G6544.00	23885
G6545.00	23890
G6546.00	23895
G6548.00	23905
G6558.00	23910
G6558.10	25410
G6564.00	25440
G6582.00	1100
G6585.00	25455
G6586.00	25460
G6587.00	25465
G6588.00	25470
G6590.00	25450
G6592.00	1125
G6599.00	25980
G6600.00	25975
G6601.00	25970
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G6606.00	25920
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G6651.00	25525
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G6653.00	25665
G6654.00	25670
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G6655.30	25725
G6660.00	25780
G6660.20	25785
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G6661.00	25815
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G6661.40	25825
G6662.00	1145
G6666.00	25995
G6668.00	26000
G6669.00	26005
G6670.00	26020
G6671.00	26025
G6671.20	26040
G6671.30	26050
G6671.40	26045
G6674.00	1150
G6678.00	26055
G6704.00	26075
G6704.20	26170
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G6708.00	26200
G6709.00	26210
G6709.40	26225
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G6714.00	26250
G6724.00	26275
G6725.00	26255
G6726.00	26280
G6727.00	26300
G6728.00	26285
G6728.40	26295
G6729.00	26310
G6731.00	26325
G6731.40	26340
G6732.00	26345
G6733.00	26335
G6740.40	26410
G6740.41	26415
G6740.60	26435
G6740.61	26440
G6743.00	26445
G6764.00	26465
G6766.00	27050
G6770.00	27035
G6776.00	27010
G6778.00	26505
G6784.00	26490
G6786.00	26495
G6788.00	26510
G6790.00	26525
G6792.00	26535
G6794.00	27020
G6795.00	27025
G6808.00	26925
G6809.00	26935
G6811.00	26910
G6813.00	26855
G6813.20	26860
G6813.40	26865
G6813.80	26875
G6820.00	1185
G6821.00	26630
G6821.50	26640
G6822.80	26745
G6822.82	26740
G6826.00	26680
G6828.00	26765
G6828.10	26770
G6830.00	26590
G6831.00	26580
G6832.00	26560
G6844.00	27060
G6854.00	27125
G6858.00	27120
G6860.00	27080
G6862.00	27105
G6863.00	27110
G6874.00	27130
G6876.00	27135
G6878.00	27145
G6880.00	27155
G6882.00	27170
G6885.00	27180
G6886.00	27185
G6887.00	27190
G6888.00	27195
G6890.00	27230
G6892.00	27220
G6896.00	27205
G6897.00	27300
G6897.20	27325
G6897.40	27405
G6897.60	27410
G6898.00	27415
G6899.00	27420
G6899.20	27425
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