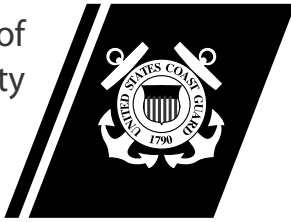


U.S. Department of
Homeland Security

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.

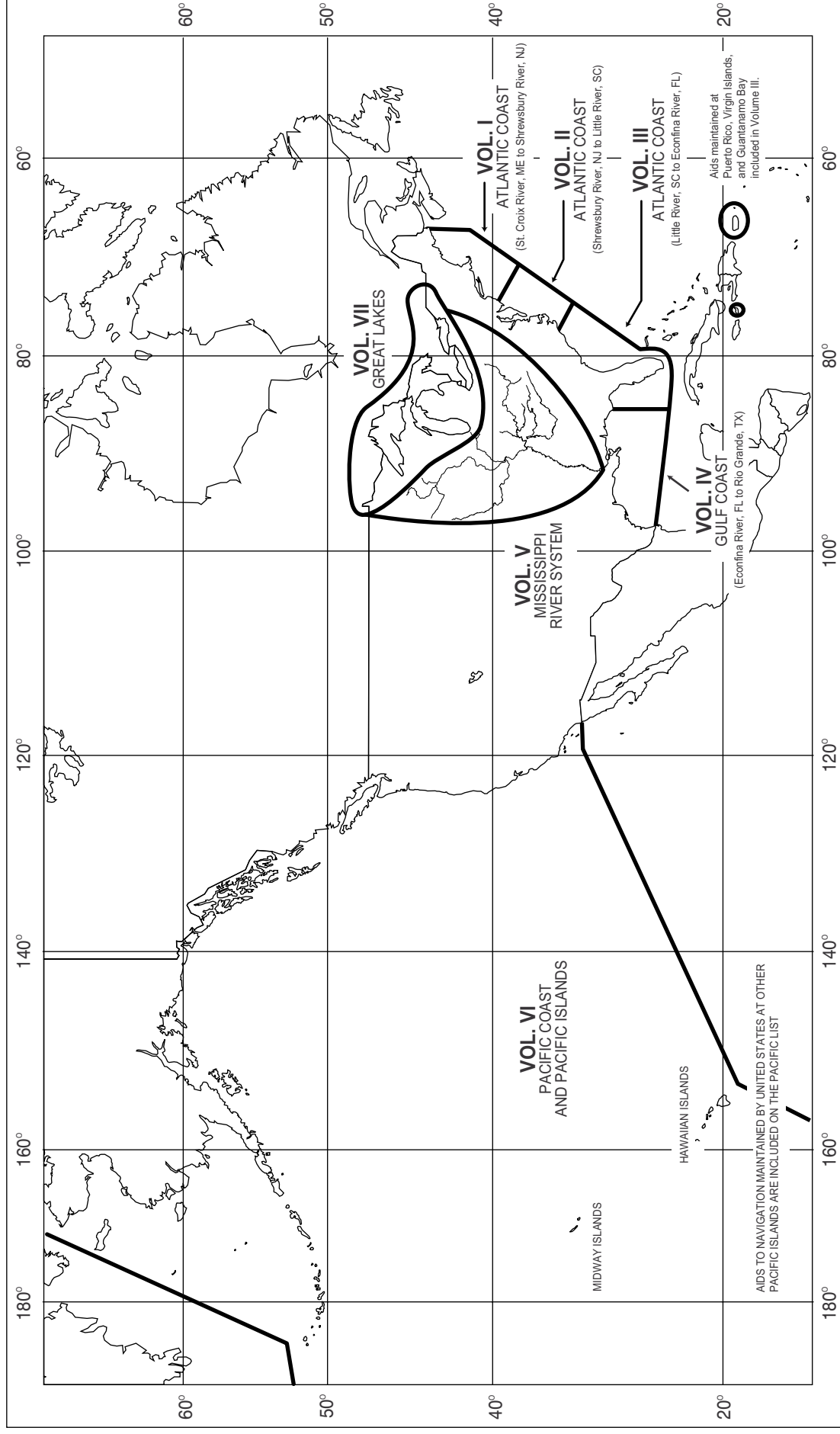
2007

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LIMITS OF LIGHT LISTS PUBLISHED BY
U.S. COAST GUARD



[illegible]

COAST GUARD DISTRICT COMMANDERS

DISTRICT ADDRESS	WATERS OF JURISDICTION
FIRST 408 Atlantic Avenue Boston, MA 02110-3350 http://www.uscg.newengland.com PHONE: 617-223-8558	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 http://www.uscg.mil/lantarea/index.html PHONE: 757-398-6486 757-398-6231	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 http://www.uscg.mil/d7/ PHONE: 305-415-6730 305-415-6800	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 http://www.uscg.mil/d8/index.htm PHONE: 504-589-6277 504-589-6225	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 http://www.uscg.mil/d9/uscgd9.html PHONE: 216-902-6060 216-902-6117	Great Lakes and St. Lawrence River above St. Regis River.
ELEVENTH Coast Guard Island Building 50-2 Alameda, CA 94501-5100 http://www.uscg.mil/D11/ PHONE: 510-437-2976	California, Arizona, Nevada, Utah
THIRTEENTH Federal Building 915 Second Avenue Seattle, WA 98174-1067 http://www.uscg.mil/d13/default.htm PHONE: 206-220-7270 206-220-7004	Oregon, Washington, Idaho, and Montana.
FOURTEENTH Prince Kalanianaʻole Federal Bldg. 300 Ala Moana Bld 9th Floor, Room 9-236 Honolulu, HI 96850-4982 http://www.uscg.mil/d14/ PHONE: 808-541-2316 808-541-2500	Hawaiian, American Samoa, Marshall, Marianas, and Caroline Islands.
SEVENTEENTH P.O. Box 25517 Juneau, AK 99802-5517 http://www.uscg.mil/d17/ PHONE: 907-463-2262 907-463-2004	Alaska.

U. S. COAST GUARD ELEVENTH DISTRICT UNIT LISTING

U.S. COAST GUARD AIDS TO NAVIGATION TEAMS

ANT Humboldt Bay

Samoa, CA 95564-9999
PH: (707) 269-2550

ANT Los Angeles/Long Beach

1001 South Seaside Avenue
Bldg 22
San Pedro, CA 90731
PH: (310) 732-7310

ANT San Diego

2710 Harbor Drive North
San Diego, CA 92101-1079
PH: (619) 683-6515

ANT San Francisco

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

BUOY TENDERS

USCGC ASPEN (WLB 208)

c/o Coast Guard Base
Yerba Buena Island
San Francisco, CA 94130-5013
PH: (415) 399-3590/91/92

USCGC GEORGE COBB (WLM 564)

1001 South Seaside Avenue
San Pedro, CA 90731
PH: (310) 732-7230

U. S. COAST GUARD THIRTEENTH DISTRICT UNIT LISTING

U. S. COAST GUARD AIDS TO NAVIGATION TEAM

ANT ASTORIA

TONGUE POINT FACILITY
ASTORIA, OR 97103-2099
PH: (503) 325-3301

ANT COOS BAY

P. O. BOX 5650
CHARLESTON, OR 97420-0627
PH: (541) 756-9276

ANT KENNEWICK

434 CLOVER ISLAND
KENNEWICK, WA 99336-3784
PH: (509) 586-0978

ANT PUGET SOUND

1519 ALASKAN WAY SOUTH
SEATTLE, WA 98134-1192
PH: (206) 217-6918

BUOY TENDERS

USCGC BLUEBELL (WLI-313)

6767 NORTH BASIN AVENUE
PORTLAND, OR 97217-3992
PH: (503) 240-9362

USCGC FIR (WLB-213)

c/o CG BASE TONGUE POINT
ASTORIA, OR 97103
PH: (503) 325-1601

USCGC HENRY BLAKE (WLM-563)

NAVAL STATION EVERETT
2000 WEST MARINE VIEW DRIVE
PH: (425) 304-5740

U. S. COAST GUARD FOURTEENTH DISTRICT UNIT LISTING

U. S. COAST GUARD AIDS TO NAVIGATION TEAMS

ANT Honolulu

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

BUOY TENDERS

USCGC WALNUT (WLB 205)

400, Sand Island Access Road
Honolulu, HI. 96819-4398
PH: (808) 842-2865

USCGC KUKUI (WLB 203)

400, Sand Island Access Road
Honolulu, HI. 96819-4398
PH: (808) 842-2860

USCGC SEQUOIA (WLB 215)

FPO, AP 96678-3922
PH: (671) 339-2006

U. S. COAST GUARD SEVENTEENTH DISTRICT UNIT LISTING

U. S. COAST GUARD AIDS TO NAVIGATION TEAMS

ANT SITKA

613 Airport Road
Sitka, AK 99835
PH: (907) 966-5410

ANT KODIAK

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

BUOY TENDERS

USCGC HICKORY (WLB 212)

PO Box 101
Homer, AK 99603-0101
PH: (907) 235-5233

USCGC SPAR (WLB 206)

PO BOX 190651
c/o CG ISC
Kodiak, AK 99169-0651
PH: (907) 487-5345

USCGC SYCAMORE (WLB 209)

PO BOX 300
Cordova, AK 99574
PH: (907) 424-3434

USCGC MAPLE (WLB 207)

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

USCGC ANTHONY PETIT (WLM 558)

1340 Stedman Street
Ketchikan, AK 99901
PH: (907) 228-0356

USCGC ELDERBERRY (WLI 65401)

PO BOX 550
Petersburg, AK 99833-0550
PH: (907) 772-4225

USCG NAVIGATION CENTER Navigation Information Service (NIS)

The Coast Guard is the official government source of information for civil users of the Global Positioning Satellite 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 Loran-C, 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, DGPS, and LORAN 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, DGPS, and LORAN 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) 7323 Telegraph Road, Alexandria, VA 22310-3998**
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.27/07

<http://www.navcen.uscg.gov/lnm/d11/default.htm>

Thirteenth Coast Guard District Local Notice to Mariners No.27/07

<http://www.navcen.uscg.gov/lnm/d13/default.htm>

Fourteenth Coast Guard District Local Notice to Mariners No.27/07

<http://www.navcen.uscg.gov/lnm/d14/default.htm>

Seventeenth Coast Guard District Local Notice to Mariners No 27/07

<http://www.navcen.uscg.gov/lnm/d17/default.htm>

To National Geospatial-Intelligence Agency (NGA) Notice to Mariners No. 29/07

The 2007 edition supersedes the 2006 Print edition.

RECORD OF CORRECTIONS

YEAR 2007

1	12	23	33	43
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10	21	32	42	52
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6	17	28	38	48
7	18	29	39	49
8	19	30	40	50
9	20	31	41	51
10	21	32	42	52
11	22			

Preface

Lights and other marine aids to navigation, maintained by or under authority of the U.S. Coast Guard and located on waters used by general navigation, are described in the 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 Coast Guard mooring buoys and some buoys having no lateral significance, such as special purpose, anchorage, fish net, and dredging.

Aids to Navigation Link:

<http://www.uscgboating.org/safety/aton/system.htm>

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 posted electronically at:

<http://www.navcen.uscg.gov/pubs/LightLists/LightLists.htm> 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/pubs/LightLists/V6COMPLETE.pdf>

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:

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

Thirteenth District Commander:
Federal Building 915 2nd Avenue
Seattle, WA 98174-1067

Fourteenth District Commander
Prince Kalanianaʻole Federal Bldg.300
Ala Moana Blvd. 9th floor, rm 9139
Honolulu, HI 96850-4982

Seventeenth Coast Guard Commander
PO Box 25517
Juneau, AK 99802-5517

USCG Navigation Center
Charting Branch
7323 Telegraph Road
Alexandria, Virginia 22315-3940
email: Tls-pf-Nlsws@uscg.mil.

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 north to south, 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 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. *NOTE:* Position is approximate, to the nearest second, and is intended only to facilitate locating the aid on the 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 (low water datum on Great

Lakes), listed in feet. For metric conversion, see page F-1.

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

Column (7): 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.

Column (8): Remarks, including; sound signal characteristic, RACON, light sector arc of visibility, radar reflector, emergency lights, seasonal remarks, and Private AtoN identification.

Abbreviations used in the Light Lists.

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

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 at <http://www.navcen.uscg.gov> under the “Light Lists & Corrections” heading in the left hand menu.

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).

5 **Local Notices 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 Notices 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 their charts, Lights 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 at <http://www.navcen.uscg.gov/lnm>. 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 Notices 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 Notices 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 Notices to Mariners only. The Weekly Notices to Mariners may be obtained free of charge via the World Wide Web (<http://pollux.nss.nima.mil/index/index.html>) or by e-mail 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 from by phone: (301) 436-8301/(800) 638-8972; FAX: (301) 436-6829; or mail: FAA, National Aeronautical Charting Office, Distribution Division AVN-530, 6303 Ivy Lane, Suite 400, Greenbelt, MD 20770.

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

65 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 (RAPUB 117)*.

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. v).

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 degrees 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.

5 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, return-ing**. 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 lighted)	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 upward
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, mid-channels, 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, or 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.

5 **Special marks** are not primarily intended to assist safe navigation, but to indicate special areas or features referred to in charts or 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
10 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.

15 **Information and regulatory marks** are used to alert the mariner 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.
- 20 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.

25 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 a navigator to determine his position or safe course. They may mark limits of
30 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
35 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.
40

Mariners should not rely on buoys alone for determining their positions due to factors limiting their reliability. Prudent mariners will use bearings or angles from beacons or other landmarks, soundings, and various methods of electronic navigation.
45

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.

50 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 symbols representing them on charts.

55 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.

60 **Beacons** are aids to navigation which are permanently fixed to the earth's surface. They range from large light-houses 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.

65 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.
75

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.)
85

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.
95

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.
100

In regions where ice conditions prevail in the winter, the lantern panes of unattended 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.
110

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.
115

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.
120

5 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
10 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
15 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
20 white and red (F W A l W R).

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
30 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
70

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,

anchor 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 following lighted aids to navigation:

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

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

Most aids to navigation are fitted with retro reflective mate-

5 rial 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

10 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.

15 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).

20 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.

25 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.

35 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 top-most band is green.

40 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.

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

NUMBERS

50 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.

55 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.

60 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

65 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

75 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.

80 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.

85 M: Safe water (octagonal) used to mark the fairway or middle of the channel.

C: Crossing (western rivers only) diamond-shaped, used to indicate the points at which the channel crosses the river.

90 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.

95 N: No lateral significance (diamond or rectangular-shaped) used for special purpose, warning, distance, or location markers.

2. Second letter - Key color

G - Green R - Red

B - Black W - White

Y - Yellow

100 3. Third letter (color of center stripe; range boards only)

5 4. Additional information after a (-)

-I: Intracoastal Waterway; a yellow reflective horizontal strip on a dayboard; indicates the aid to navigation marks the Intracoastal Waterway.

10 -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.

15 -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:

SG: Square green dayboard with a green reflective border.

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

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.

30 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.

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

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

40 TR-TY: Triangular red dayboard with a red reflective border and a yellow reflective triangle.

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

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

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

50 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.

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

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

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

MR: Octagonal dayboard bearing stripes of white and red,

with a white reflective border.

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

70 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 a white reflective border.

75 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 a white reflective border.

KBG: Rectangular black dayboard bearing a central green stripe.

KBG-I: Rectangular black dayboard bearing a central green stripe and a yellow reflective horizontal strip.

80 KBR: Rectangular black dayboard bearing a central red stripe.

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

85 KBW: Rectangular black dayboard bearing a central white stripe.

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

KGB: Rectangular green dayboard bearing a central black stripe.

90 KGB-I: Rectangular green dayboard bearing a central black stripe and a yellow reflective horizontal strip.

KGR: Rectangular green dayboard bearing a central red stripe.

95 KGR-I: Rectangular green dayboard bearing a central red stripe and a yellow reflective horizontal strip.

KGW: Rectangular green dayboard bearing a central white stripe.

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

100 KRB: Rectangular red dayboard bearing a central black stripe.

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

105 KRG: Rectangular red dayboard bearing a central green stripe.

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

KRW: Rectangular red dayboard bearing a central white stripe.

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

KWB: Rectangular white dayboard bearing a central black stripe.

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

KWG: Rectangular white dayboard bearing a central green stripe.

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

5 KWR: Rectangular white dayboard bearing a central red stripe.

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

10 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.

15 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.

20 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.

25 ND: Rectangular white mileage marker with black numerals indicating the mile number (western rivers only).

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

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

30 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

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

40 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
45 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.

50 **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.

55 **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 display rectangular dayboards of various colors and are generally, but not always lighted.
60 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
65 to navigation can be activated by several means (e.g.,

manually, remotely, or fog detector). 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.

75 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
80 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.

85 The characteristic of a sound signal can be located in column (8) of the Light List. 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.

90 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.

95 **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
100 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
105 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.

110 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
115 kept on the left side and the yellow triangle indicates that the aid to navigation should be kept on the right side.

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
120 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.
- 125 2) Numbers on aids to navigation do not have lateral significance, but rather indicate mileage from a fixed point (normally the river mouth).

3) Diamond 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 **R**adar beacons (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.

LORAN-C

LORAN, an acronym for **L**ong **R**ange **N**avigation, is an electronic aid to navigation consisting of shore-based radio transmitters. The LORAN system enables users equipped with a LORAN receiver to determine their position quickly and accurately, day or night, in practically any weather.

A LORAN-C chain consists of three to six transmitting stations separated by several hundred miles. Within a chain, one station is designated as master (M) while the other stations are designated as secondary. Each secondary station is identified as either Victor (V), Whiskey (W), X-ray (X), Yankee (Y), or Zulu (Z).

The master station is always the first station to transmit. It transmits a series of nine pulses. The secondary stations then follow in turn, transmit eight pulses each, at precisely timed intervals. This cycle continuously repeats itself. The length of the cycle is measured in microseconds and is called a Group Repetition Interval (GRI).

LORAN-C chains are designated by the four most significant digits of their GRI. For example, a chain with a GRI of 89,700 microseconds is referred to as 8970. A different GRI is used for each chain because all LORAN-C stations broadcast in the same 90 to 110 kilohertz frequency band and would otherwise interfere with one another.

5 The LORAN-C system can be used in either a hyperbolic or range mode. In the widely used hyperbolic mode, a LORAN-C line of position is determined by measuring the time difference between synchronized pulses received from two separate transmitting stations. In the range mode, a line of position is determined by measuring the time required for LORAN-C pulses to travel from a transmitting station to the user's receiver.

15 A user's position is determined by locating the crossing point of two lines of position on a LORAN-C chart. Many receivers have built-in coordinate converters that automatically display the receiver's latitude and longitude. With a coordinate converter, a position can be determined using a chart that is not overprinted with LORAN-C lines of position.

20 **CAUTION:** The latitude/longitude computation in some receivers is based upon an all seawater propagation path. This may lead to error if the LORAN-C signals from the various stations involve appreciable overland propagation paths. These errors may put the mariner at risk in areas requiring precise positioning, if the proper correctors (ASF) are not applied. *Therefore, it is recommended that mariners using Coordinate Converters check the manufacturer's operating manual to determine if and how corrections are to be applied to compensate for timing variations caused by the overland paths.*

30 There are two types of LORAN-C accuracy; absolute and repeatable. Absolute accuracy is a measure of the navigator's ability to determine latitude and longitude position from the LORAN-C time differences measured. Repeatable accuracy is a measure of the LORAN-C navigator's ability to return to a position where readings have been taken before.

35 The absolute accuracy of LORAN-C is 0.25 nautical miles, with 95% confidence within the published coverage area using standard LORAN-C charts and tables. Repeatable accuracy depends on many factors, so measurements must be taken to determine the repeatable accuracy in any given area. Coast Guard surveys have found repeatable accuracy to be between 30 and 170 meters in most ground wave coverage areas.

45 If the timing or pulse shape of a master-secondary pair deviates from specified tolerances, the first two pulses of secondary station's pulse train will blink on and off. The LORAN-C receiver sees this blinking signal and indicates a warning to the user. This warning will continue until the signals are once again in tolerance. A blinking signal is not exhibited during off-air periods, so a separate receiver alarm indicates any loss of signal. Never use a blinking secondary signal for navigation.

50 Although LORAN-C signal availability normally exceeds 99.9% and scheduled off-air periods are broadcast to the mariners, LORAN-C should not be relied upon as the only aid to navigation. A prudent navigator will use radar, a radio direction finder, a Fathometer and any other aid to navigation, in addition to the LORAN-C receiver.

60 **LORAN-C interference**

Interference to LORAN-C may result from radio transmissions by public or private sources operating near the LORAN-C band of 90-110kHz. Anyone observing interference to LORAN-C, should promptly report it to the Coast Guard command listed below. Include, in such reports, information regarding the date, time, identifying characteristics, strength of the interfering signals and your vessel's position. These interference reports are very important and cooperation from users of LORAN-C will assist the Coast Guard in improving LORAN-C service.

70 Commanding Officer

U.S. Coast Guard Navigation Center

7323 Telegraph Road, Alexandria, VA 22310-3998

75 Phone:(703) 313-5900

FAX:(703) 313-5920

Internet: <http://www.navcen.uscg.gov>

LORAN-C Charts and Publications

80 Navigational charts overprinted with LORAN-C lines of position are published by the National Ocean Service and the National Imagery and Mapping Agency and are sold through National Ocean Service/NOAA. A free catalog of available products can be obtained from NOS by phone: (301) 436-6990/(800) 638-8972; FAX: (301) 436-6829; or mail: National Ocean Service/NOAA, Distribution Division N/ACC3, Riverdale, MD 20737-1199.

GLOBAL POSITIONING SYSTEM (GPS)

90 The Global Positioning System (GPS) is a satellite-based Radionavigation System providing continuous worldwide coverage. GPS provides navigation, position, and timing information to air, marine, and land users. 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.

95 GPS consists of a constellation of 24 satellites, orbiting Earth in six planes of 4 satellites each, at an altitude of 10,900 nautical miles. The orbit period of each satellite is 12 hours. Mariners can expect 7-9 satellites available for use with unrestricted view of the sky. Fewer satellites will be available in areas where portions of the sky are blocked by mountains, buildings, or vegetation. At least three satellites are required for a two-dimensional solution. On May 100 1st, 2000, the United States stopped the intentional degradation of GPS Signals known as "Selective Availability" and users can now expect accuracy to within 10 meters. The GPS system does not provide integrity information and mariners should exercise extreme caution when using GPS in restricted waterways.

105 Although originally intended for military use only, Federal radionavigation policy 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 are available at <http://www.navcen.uscg.gov>

5 DIFFERENTIAL GPS (DGPS)

The Coast Guard has implemented 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 Coast Guard DGPS transmitting sites provide coverage to the Great Lakes, and coastal areas of the continental United States as well as selected portions of Alaska, Hawaii, Puerto Rico and the inland river system.

The Coast Guard's 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 2000, 56 sites were providing differential correction.

The Department of Transportation (DOT) has recognized the benefit of an augmented GPS signal for other public safety applications. In DOT's effort to expand the maritime DGPS signals into a Nationwide DGPS (NDGPS) network, an additional 10 sites are currently transmitting DGPS corrections. Some of these sites provide wide coverage to navigable waters with the same performance criteria as the Maritime DGPS signal. Where available, these signals are also useable for maritime navigation. The NDGPS network will not be completed for several years.

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 page xvi. 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 watchstander (see below).

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, DGPS, and LORAN 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 Loran-C, 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, DGPS, and LORAN 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

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

- 5 **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.
- 10 **Alternating Light:** 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.
- 15 **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.
- 20 **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.
- 25 **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.
- 30 **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.
- 35 **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, radio-beacons, and daybeacons.
- 40 **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.
- 45 **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).
- 50 **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).
- 60 **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 the second tone of lower pitch.
- 65 **Directional Light:** A light illuminating a sector or very narrow angle and intended to mark a direction to be followed.
- Discontinued:** To remove from operation (permanently or temporarily) a previously authorized aid to navigation.
- 70 **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.
- 75 **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 wire rope.
- Eclipse:** An interval of darkness between appearances of a light.
- 80 **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.
- 85 **Extinguished:** A lighted aid to navigation which fails to show a light characteristic.
- Fixed Light:** A light showing continuously and steady, as apposed to a rhythmic light. (Do not confuse with "fixed" as used to differentiate from "floating".)
- 90 **Flash:** A relatively brief appearance of a light, in comparison with the longest interval of darkness in the same character.
- Flash Tube:** An electronically controlled high-intensity discharge lamp with a very brief flash duration.
- 95 **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 flashes 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.
- 100 **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.
- 105 **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.
- 110 **Gong:** A wave actuated sound signal on buoys which uses a group of saucer-shaped bells to produce different tones.

GLOSSARY OF AIDS TO NAVIGATION TERMS

- 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 light:** 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 the 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.
- LORAN:** An Acronym for **Long Range Navigation**, is an electronic aid to navigation consisting of shore-based radio transmitters. The LORAN system enables users equipped with a LORAN receiver to determine their position quickly and accurately, day or night, in practically any weather.
- 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, includes 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 the 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 to commencement of two identical successive cycles of the characteristic of the light 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.

GLOSSARY OF AIDS TO NAVIGATION TERMS

5 **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.

10 **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.

15 **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.

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

25 **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.

30 **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.

35 **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.

40 **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 an aid to identify its purpose.

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

50 **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.

55 **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.

60 **Withdrawn:** The discontinuance of a 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

5	<u>Light Characteristics</u>		50	Temporarily Replaced by Unlighted Buoy	TRUB
	Alternating	AL		Whistle	WHIS
	Characteristic	CHAR		<u>Organizations</u>	
	Composite Group-Flashing	FL(2+1)		Commander, Coast Guard	
	Composite Group-Occulting	OC(2+1)			
10	Continuous Quick-Flashing	Q	55	District	CCGD(#)
	Fixed and Flashing	FFL		Coast Guard	CG
	Fixed	F		Corps of Engineers	COE
	Group-Flashing	FL(3)		National Geospatial-Intelligence	
	Group-Occulting	OC(2)		Agency	NGA
15	Interrupted Quick-Flashing	IQ	60	National Ocean Service	NOS
	Isophase	ISO		National Weather Service	NWS
	Morse Code	MO(A)			
	Occulting	OC		<u>Vessels</u>	
	Single-Flashing	FL		Aircraft	A/C
20			65	Fishing Vessel	F/V
	<u>Colors</u>			Liquefied Natural Gas Carrier	LNG
	Black	B		Motor Vessel2	M/V
	Blue	BU		Pleasure Craft	P/C
	Green	G		Research Vessel	R/V
25	Orange	OR	70	Sailing Vessel	S/V
	Red	R		<u>Compass Directions</u>	
	White	W		North	N
	Yellow	Y		South	S
30	<u>Aids to Navigation</u>		75	East	E
	Aeronautical radiobeacon	AERO RBN		West	W
	Destroyed	DESTR		Northeast	NE
	Differential GPS	DGPS		Northwest	NW
	Discontinued	DISCONTD		Southeast	SE
35	Established	ESTAB	80	Southwest	SW
	Exposed Location Buoy	ELB		<u>Months</u>	
	Fog signal station	FOG SIG		January	JAN
	Light List Number	LLNR		February	FEB
	Light	LT		March	MAR
40	Lighted Bell Buoy	LBB	85	April	APR
	Lighted Buoy	LB		May	MAY
	Lighted Gong Buoy	LGB		June	JUN
	Lighted Horn Buoy	LHB		July	JUL
	Lighted Whistle Buoy	LWB		August	AUG
45	Ocean Data Acquisition System	ODAS	90	September	SEP
	Privately Maintained	PRIV MAINTD		October	OCT
	Radar Reflector	RA REF		November	NOV
	Radar responder beacon	RACON		December	DEC
	Temporarily Replaced by Lighted Buoy	TRLB			

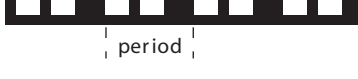
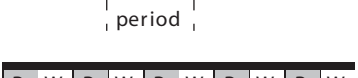
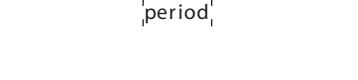
ABBREVIATIONS USED IN BROADCAST NOTICE TO MARINERS

5	<u>Days of the Week</u>		Occasion/Occasionally	OCCASION
	Monday	MON	Operating Area	OPAREA
	Tuesday	TUE	Pacific	PAC
	Wednesday	WED	Point(s)	PT(S)
	Thursday	THU	55 Position	POS
10	Friday	FRI	Position Approximate	PA
	Saturday	SAT	Pressure	PRES
	Sunday	SUN	Private, Privately	PRIV
			Prohibited	PROHIB
	<u>Various</u>		60 Publication	PUB
15	Anchorage	ANCH	Range	RGE
	Anchorage prohibited	ANCH PROHIB	Reported	REP
	Approximate	APPROX	Restricted	RESTR
	Atlantic	ATL	Rock	RK
	Authorized	AUTH	65 Saint	ST
20	Average	AVG	Second (time; geo pos)	SEC
	Bearing	BRG	Signal station	SIG STA
	Breakwater	BKW	Station	STA
	Broadcast Notice to Mariners	BNM	Statute Mile(s)	SM
	Channel	CHAN	70 Storm signal station	S SIG STA
25	Code of Federal Regulations	CFR	Temporary	TEMP
	Continue	CONT	Thunderstorm	TSTORM
	Degrees (temp; geo pos)	DEG	Through	THRU
	Diameter	DIA	True	T
	Edition	ED	75 Uncovers; Dries	UNCOV
30	Effect/Effective	EFF	Universal Coordinate Time	UTC
	Entrance	ENTR	Urgent Marine Information Broadcast	UMIB
	Explosive Anchorage	EXPLOS ANCH	Velocity	VEL
	Fathom(s)	FM(S)	Vertical clearance	VERT CL
	Foot/Feet	FT	80 Visibility	VIS
35	Harbor	HBR	Yard(s)	YD
	Height	HT	Warning	WARN
	Hertz	HZ	Weather	WX
	Horizontal clearance	HOR CL	Wreck	WK
	Hour	HR	85	
40	International Regulations for Preventing Collisions at Sea	COLREGS	<u>Countries and States</u>	
	Kilohertz	KHZ	Alabama	AL
	Kilometer	KM	Alaska	AK
	Knot(s)	KT(S)	American Samoa	AS
45	Minute (time; geo pos)	MIN	90 Arizona	AZ
	Moderate	MOD	Arkansas	AR
	Mountain, Mount	MT	California	CA
	Nautical Mile(s)	NM	Canada	CN
	Notice to Mariners	NTM	Colorado	CO
50	Obstruction	OBSTR	95 Connecticut	CT

ABBREVIATIONS USED IN BROADCAST NOTICE TO MARINERS

5	Delaware	DE	New Jersey	NJ
	District of Columbia	DC	New Mexico	NM
	Florida	FL	New York	NY
	Georgia	GA	North Carolina	NC
	Guam	GU	35 North Dakota	ND
10	Hawaii	HI	Northern Marianas	MP
	Idaho	ID	Ohio	OH
	Illinois	IL	Oklahoma	OK
	Indiana	IN	Oregon	OR
	Iowa	IA	40 Pennsylvania	PA
15	Kansas	KS	Puerto Rico	PR
	Kentucky	KY	Rhode Island	RI
	Louisiana	LA	South Carolina	SC
	Maine	ME	South Dakota	SD
	Maryland	MD	45 Tennessee	TN
20	Marshall Islands	MH	Texas	TX
	Massachusetts	MA	United States	US
	Missouri	MO	Utah	UT
	Mississippi	MS	Vermont	VT
	Mexico	MX	50 Virgin Islands	VI
25	Michigan	MI	Virginia	VA
	Minnesota	MN	Washington	WA
	Montana	MT	West Virginia	WV
	Nebraska	NE	Wisconsin	WI
	Nevada	NV	55 Wyoming	WY
30	New Hampshire	NH		

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.	O c
	2.1 Single-occulting. An occulting light in which an eclipse is regularly repeated.	O c
	2.2 Group-occulting. An occulting light in which a group of eclipses, specified in numbers, is regularly repeated.	O c (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.	O c (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.	FI
	4.1 Single-flashing. A flashing light in which a flash is regularly repeated (frequency not exceeding 30 flashes per minute).	FI
	4.2 Group-flashing. A flashing light in which a group of flashes, specified in number, is regularly repeated.	FI (2)
	4.3 Composite group-flashing. A light similar to a group flashing light except that successive groups in the period have different numbers of flashes.	FI (2+1)
	5. Quick. A light in which flashes are produced at a rate of 60 flashes per minute.	Q
	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.	IQ
	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.	FFI
	8. ALTERNATING. A light showing different colors alternately	A I R W

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Section 1

Seacoast Aids

(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)							
2	Cortes Bank Lighted Bell Buoy 2CB	32 26 35 N 119 07 22 W	FI R 4s		4	Red.	
5	Point Loma Light	32 39 54 N 117 14 33 W	FI W 15s	88	22	Black house on white square pyramidal skeleton tower. 70	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 30s (3s bl).
7	Scripps Lighted Research Buoy Station 091	32 37 55 N 117 26 39 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
10 1485	San Diego Bay Approach Lighted Whistle Buoy SD	32 37 18 N 117 14 48 W	Mo (A) W		6	Red and white stripes.	RACON: M(— —).
20	Ocean Beach Pier Fog Signal	32 45 00 N 117 15 36 W		23			Private aid. HORN: 1 blast ev 15s (2s bl).
25 2275	Mission Bay South Jetty Lighted Buoy 2	32 45 21 N 117 15 45 W	FI R 2.5s			Red.	
30 2280	MISSION BAY NORTH JETTY LIGHT 1	32 45 30 N 117 15 36 W	FI G 6s	42	7	SG on skeleton tower.	HORN: 2 blasts ev 20s.
40	Carlsbad Lighted Bell Buoy C	33 08 00 N 117 21 18 W	FI Y 4s			Yellow.	Private aid.
45 2296	OCEANSIDE SOUTH JETTY LIGHT 2	33 12 22 N 117 23 59 W	FI R 2.5s	26	7	TR on post.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si).
50	CAMP PENDLETON SOUTH LIGHT	33 15 26 N 117 26 11 W	FI W 4s	53	6	White pyramidal structure.	
60	CAMP PENDLETON NORTH LIGHT	33 18 38 N 117 28 57 W	FI W 6s	63	6	White pyramidal structure.	
65	Camp Pendleton Lighted Calibration Buoy	33 20 18 N 117 37 06 W	FI Y 4s		5	Yellow.	
80	San Mateo Point Light	33 23 18 N 117 35 44 W	FI W 4s	63	9	NR on post.	
81	NOAA Environmental Lighted Buoy 46086	32 29 54 N 117 59 57 W	FI (4) Y 20s			Yellow disc-shaped buoy.	
82	NOAA Environmental Lighted Buoy 46047	32 26 43 N 119 32 23 W	FI (4) Y 20s			Yellow disc-shaped buoy.	
90 2440	NEWPORT BAY WEST JETTY LIGHT 3	33 35 17 N 117 52 46 W	FI G 6s	44	6	SG on concrete building.	Reduced intensity from 355° to 110°. The fog 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 N 117 57 18 W	FI R 4s		4	Red.	
103	Orange County Research Buoy	33 34 22 N 118 00 07 W	FI Y 2.5s			Yellow with whip antenna.	Private aid.
105	HUNTINGTON BEACH PIER LIGHT A	33 39 12 N 118 00 24 W	FI W 4s	31			Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
115	<i>San Pedro Channel Traffic Lane Lighted Buoy S</i>	33 35 30 N 118 11 32 W	FI Y 4s		4	Yellow.	
122	<i>San Pedro Precautionary Area Lighted Buoy A</i>	33 42 00 N 118 09 48 W	FI Y 4s		6	Yellow.	
125 3012	Long Beach Light	33 43 23 N 118 11 12 W	FI W 5s	50	20	SG on white rectangular tower on building on columnar base. 42	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 30s (3s bl). Operates continuously.
132	<i>San Pedro Precautionary Area Lighted Buoy B</i>	33 42 00 N 118 12 06 W	FI Y 6s		6	Yellow.	
135 3110	Los Angeles Light	33 42 30 N 118 15 05 W	FI G 15s	73	18	White cylindrical tower on concrete block. 69	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 N 118 17 38 W	FI W 10s	120	13	On pole.	
145	<i>Point Fermin Lighted Whistle Buoy 6PF</i>	33 41 54 N 118 17 30 W	FI R 4s		4	Red.	
155	<i>San Pedro Channel Traffic Lane Lighted Buoy W</i>	33 37 06 N 118 17 36 W	FI Y 6s		4	Yellow.	BELL .
160	<i>San Pedro Channel Traffic Lane Lighted Buoy SP</i>	33 37 06 N 118 22 01 W	FI Y 4s		4	Yellow.	
170	Point Vicente Light	33 44 31 N 118 24 38 W	FI (2) W 20s 0.1s fl 4.9s ec. 0.1s fl 14.9s ec.	185	24	White cylindrical tower. 67	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 30s (3s bl).
175	<i>Palos Verdes Point Lighted Bell Buoy 10PV</i>	33 46 24 N 118 26 42 W	FI R 4s		4	Red.	
POINT DUME TO PURISMA POINT (Chart 18720)							
180	<i>Point Dume Lighted Bell Buoy 12PD</i>	33 59 36 N 118 48 18 W	FI R 4s		4	Red.	
181	<i>NOAA Environmental Lighted Buoy EB 46025</i>	33 44 43 N 119 05 01 W	FI (4) Y 20s			Yellow boat-shaped buoy.	
181.5	<i>Santa Monica Bay UCLA Research Buoy "MUCLA"</i>	33 55 54 N 118 42 56 W	FI Y 4s			Yellow buoy with tripod.	Private aid.
181.6	<i>NOAA Environmental Lighted Buoy EB 46069</i>	33 39 04 N 120 11 58 W	FI (4) Y 20s			Yellow disk-shaped buoy.	
182	<i>Santa Barbara Channel Chevron Marker Buoy HO</i>	34 20 29 N 119 31 55 W	FI W 4s			White.	
184	<i>La Conchita SCOOS Research Light Buoy</i>	33 17 44 N 119 33 45 W	FI Y 4s			Yellow.	Ra ref.
185	Anacapa Island Light	34 00 57 N 119 21 34 W	FI (2) W 60s 0.3s fl 14.7s ec. 0.3s fl 44.7s ec.	277	20	White cylindrical tower. 55	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 N 119 24 00 W	G (--•)	35			Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
190 3585	Point Hueneme Light	34 08 42 N 119 12 35 W	FI (5) W 30s 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 9.9s ec.	52	20	White square tower on building. 48	Light obscured from 155° to 296°. The fog signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. HORN: 1 blast ev 30s (3s bl). On point 251° from light.
	Scripps Institute						
192	<i>Santa Barbara Channel Chevron Marker Buoy HE</i>	34 20 35 N 119 31 11 W	FI W 4s			White.	
193	<i>Santa Barbara Channel Chevron Marker Buoy HI</i>	34 23 20 N 119 35 46 W	FI W 4s			White.	
194	<i>Santa Barbara Channel Chevron Marker Buoy HA</i>	34 23 00 N 119 34 04 W	FI W 4s			White.	
POINT DUME TO PURISMA POINT (Chart 18720)							
195	Santa Barbara Light	34 23 46 N 119 43 21 W	FI W 10s	142	25	White tower. 24	Light obscured from 090° to 275°.
196	<i>NOAA Enviromental Lighted Buoy 46053 EB 46053</i>	34 14 10 N 119 50 46 W	FI (4) Y 20s			Yellow disk-shaped buoy.	Aid maintained by NOAA.
198	<i>NOAA Environmental Lighted Buoy EB 46054</i>	34 16 01 N 120 26 18 W	FI (4) Y 20s			Yellow disc-shaped buoy.	
200	Point Conception Light	34 26 55 N 120 28 14 W	FI W 30s	133	20	White tower behind building. 52	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 30s (3s bl). Operates continuously.
203	Platform Harvest Light	34 28 09 N 120 40 57 W	FI W 6s	60	10		RACON: M (— —).
210	Point Arguello Light	34 34 37 N 120 38 50 W	FI W 15s	100	10	On single post. 20	
213	<i>NOAA Environmental Lighted Buoy EB 46023</i>	32 42 12 N 120 57 25 W	FI (4) Y 20s			Yellow disk-shaped buoy.	
POINT CONCEPTION TO POINT SUR (Chart 18700)							
215	<i>NOAA Environmental Lighted Buoy 46011 (ODAS)</i>	34 52 47 N 120 52 08 W	FI (4) Y 20s			Yellow boat-shaped buoy.	
220	<i>Souza Rock Lighted Gong Buoy 14SR</i>	35 07 45 N 120 44 43 W	FI (2+1) R 6s		4	Red and green bands.	
225	San Luis Obispo Light	35 09 36 N 120 45 37 W	FI W 5s	116	20		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	<i>Westdahl Rock Lighted Bell Buoy 1</i>	35 08 46 N 120 47 06 W	FI G 6s		4	Green.	
235	<i>Point Buchon Lighted Whistle Buoy 16</i>	35 14 27 N 120 54 35 W	FI R 6s		4	Red.	
236	<i>NOAA Enviromental Lighted Buoy EB 46063</i>	34 16 21 N 120 41 18 W	FI (4) Y 20s			Yellow disc-shaped buoy.	
240 3835	Morro Bay West Breakwater Light	35 21 46 N 120 52 11 W	FI W 4s	36	12	White column.	Obscured from 176° to 207°. HORN: 1 blast ev 30s (3s bl). Operates continuously.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
242	MORRO BAY YC RACE BUOY	35 22 30 N 120 55 00 W				Yellow.	Private aid.
250 3930	Estero Bay Gong Buoy 18	35 23 03 N 120 53 13 W				Red.	
255	<i>San Simeon Lighted Bell Buoy 1</i>	35 37 42 N 121 11 18 W	FI G 6s		4	Green.	
265	Piedras Blancas Light	35 39 56 N 121 17 04 W	FI W 10s	142	21	White conical tower with a flat top.	Private aid.
275	<i>NOAA Environmental Lighted Buoy EB 46028</i>	35 44 13 N 121 53 19 W	FI (4) Y 20s			Yellow disc-shaped buoy.	
POINT SUR TO SAN FRANCISCO (Chart 18680)							
280	Point Sur Light	36 18 21 N 121 54 08 W	FI W 15s	250	25		Emergency light of reduced intensity when main light is extinguished.
283	<i>Monterey Bay (MBARI) Lighted Buoy (MTM4)</i>	36 13 10 N 123 54 18 W	FI Y 6s			Yellow.	Private aid.
285	<i>Cypress Point Lighted Gong Buoy 6</i>	36 35 00 N 121 59 06 W	FI R 2.5s		4	Red.	
287	<i>Monterey Bay (MBARI) Lighted Buoy (M2)</i>	36 41 45 N 122 23 48 W	FI Y 4s			Yellow.	Private aid.
288	<i>Monterey Bay (MBARI) Lighted Buoy (M1)</i>	36 44 42 N 122 02 16 W	FI Y 4s			Yellow.	Private aid.
289	<i>Scripps Lighted Research Buoy Station 156</i>	36 45 39 N 121 56 49 W	FI (5) Y 20s			Yellow.	Private aid.
290	Point Pinos Light	36 38 00 N 121 56 01 W	Oc W 4s	89	17		Emergency light of reduced intensity when main light is extinguished.
295	<i>Point Pinos Lighted Bell Buoy 2</i>	36 38 54 N 121 56 36 W	FI R 6s		4	Red.	
297	<i>NOAA Environmental Lighted Buoy 46042</i>	36 45 11 N 122 25 21 W	FI (4) Y 20s			Yellow disc-shaped buoy.	
299	<i>Monterey Bay (MBARI) Lighted Buoy (M0)</i>	36 50 03 N 122 53 57 W	FI Y 4s			Yellow.	Private aid.
300 4085	SANTA CRUZ WEST BREAKWATER LIGHT	36 57 38 N 122 00 07 W	Oc G 4s	36	6	White cylindrical structure.	HORN: 1 blast ev 30s (2s bl).
305 4110	Santa Cruz Light	36 57 05 N 122 01 36 W	FI W 5s	60	17	White lantern house on square brick tower attached to brick building. 39	Obscured from 085° to 220°.
315	<i>Ano Nuevo Island Lighted Whistle Buoy 24</i>	37 05 48 N 122 20 24 W	FI R 6s		4	Red.	WHISTLE: Random, Wave Activated..
320	Pigeon Point Light	37 10 54 N 122 23 38 W	FI W 10s	148	24		Emergency light of reduced intensity when main light is extinguished.
325	<i>NOAA Environmental Lighted Buoy 46012</i>	37 21 25 N 122 52 52 W	FI (4) Y 20s			Yellow disc-shaped buoy.	Aid maintained by NOAA.
330	<i>Pillar Point Harbor Approach Lighted Horn Buoy PP</i>	37 28 18 N 122 30 48 W	Mo (A) W		5	Red and white stripes with red spherical topmark.	HORN: 1 blast ev 30s (3s bl). Operates continuously
335	Point Montara Light	37 32 12 N 122 31 12 W	FI W 5s	70	15	White conical tower. 30	Emergency light of reduced intensity when main light is extinguished.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
345	San Francisco South Traffic Lane Lighted Bell Buoy S	37 39 00 N 122 41 42 W	FI Y 4s		6	Yellow.	
350	San Francisco West Traffic Lane Lighted Gong Buoy W	37 41 28 N 122 47 40 W	FI Y 2.5s		5	Yellow.	
355	Farallon Light	37 41 57 N 123 00 06 W	FI W 15s	358	20	White conical tower. 41	Emergency light of reduced intensity when main light is extinguished.
357	NOAA Enviromental Lighted Buoy 46026	37 45 30 N 122 50 00 W	FI (4) Y 20s		5	Yellow disc-shaped buoy.	
360	San Francisco Approach Lighted Whistle Buoy SF	37 45 00 N 122 41 34 W	Mo (A) W		5	Red and white stripes with spherical topmark.	RACON: M (— —). Equipped with FI 2.5s strobe.
365 4245	Mile Rocks Light	37 47 34 N 122 30 37 W	FI W 5s	49	15	White cassion with orange bands.	HORN: 1 blast ev 30s (2s bl). Operates continuously.
370 4220	Point Bonita Light	37 48 56 N 122 31 46 W	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 Northern Traffic Lane Lighted Bell Buoy N	37 48 02 N 122 47 55 W	FI Y 4s		7	Yellow.	
380	Noonday Rock Lighted Bell Buoy 28	37 47 35 N 123 10 44 W	FI (2+1) R 6s		4	Red.	
381	Scripps Lighted Research Buoy Station 029	37 56 45 N 123 28 12 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
381.1	Cordell Bank NOAA Buoy	38 03 01 N 123 27 23 W				Yellow.	Private aid.
SAN FRANCISCO TO POINT ARENA (Chart 18640)							
382	NOAA Environmental Lighted Buoy 46059	38 02 00 N 129 56 00 W	FI (4) Y 20s			Yellow boat-shaped buoy.	
385	Point Reyes Light	37 59 44 N 123 01 23 W	FI W 5s	265	24	On cylindrcal 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 Lighted Buoy EB 46013	38 13 33 N 123 19 20 W	FI (4) Y 20s			Yellow disc-shaped buoy.	
395	Bodega Head Lighted Whistle Buoy 30	38 17 08 N 123 04 13 W	FI R 6s		4	Red.	
405	Fort Ross Bell Buoy 32	38 28 36 N 123 13 00 W				Red.	
410	Saunders Reef Lighted Gong Buoy 34	38 50 44 N 123 40 05 W	FI R 6s		4	Red.	
415	Arena Cove Lighted Bell Buoy A	38 54 39 N 123 43 35 W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
420	Point Arena Light	38 57 17 N 123 44 26 W	FI W 15s	155	25		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 N 123 47 18 W	Mo (A) W		6	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
CALIFORNIA - Eleventh District							
435	Little River Bell Buoy LR	39 15 57 N 123 48 02 W				Red and white stripes with red spherical topmark.	
440	Mendocino Bay Whistle Buoy MB	39 17 52 N 122 48 44 W				Red and white stripes with red spherical topmark.	
445	NOAA Environmental Lighted Buoy EB 46014	39 11 45 N 123 58 10 W	FI (4) Y 20s			Yellow disc-shaped buoy.	
450	Point Cabrillo Light	39 20 54 N 123 49 33 W	FI W 10s	81	22		Emergency light of reduced intensity when main light is extinguished.
455	Noyo Approach Lighted Whistle Buoy NA	39 25 55 N 123 49 59 W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
460	Scripps Lighted Research Buoy Station 136	39 46 10 N 123 52 03 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
465	Point Delgada Lighted Whistle Buoy 20	40 00 15 N 124 04 52 W	FI R 6s		4	Red.	
470	Shelter Cove Entrance Bell Buoy 1	40 00 34 N 124 03 35 W				Green.	
475	Punta Gorda Lighted Whistle Buoy 38	40 14 54 N 124 22 13 W	FI R 6s		4	Red.	
478	Scripps Lighted Research Buoy Station 094	40 17 38 N 124 44 25 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
480	Cape Mendocino Light	40 26 23 N 124 24 22 W	FI W 15s	515	19	On post.	Emergency light of reduced intensity when main light is extinguished.
485	Blunts Reef Lighted Bell Buoy 2B (ELB)	40 26 24 N 124 30 19 W	FI R 2.5s		5	Red.	
487	Scripps Lighted Research Buoy Station 128	40 45 12 N 124 18 48 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
490 8130	Humboldt Bay Entrance Lighted Whistle Buoy HB	40 46 24 N 124 16 14 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
495 8160	Humboldt Bay Light	40 45 51 N 124 13 48 W	FI W 5s	100	17	On white column.	Light obscured from 028° to 200°. Emergency light of reduced intensity when main light is extinguished.
500	NOAA Environmental Lighted Buoy 46022	40 46 53 N 124 32 31 W	FI (4) Y 20s		6	Yellow disk-shaped buoy.	
510	NOAA Environmental Lighted Buoy EB 46006	40 47 59 N 137 28 46 W	FI (4) Y 20s			Yellow boat-shaped buoy.	
515	Pilot Rock Gong Buoy 2	41 02 38 N 124 09 21 W				Red.	
520	Trinidad Harbor Bell Buoy 4	41 03 00 N 124 08 36 W				Red.	
TRINIDAD HEAD TO CAPE BLANCO (Chart 18600)							
525	Trinidad Head Light	41 03 06 N 124 09 05 W	Oc W 4s	196	14		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 26	41 03 03 N 124 10 24 W	FI R 6s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
535	Turtle Rocks Bell Buoy 28	41 08 16 N 124 11 48 W				Red.	
540	READING ROCKS LIGHT	41 20 25 N 124 10 43 W	FI W 4s	98	3	NR on house.	
545 8360	<i>Crescent City Harbor Lighted Whistle Buoy 2</i>	41 43 00 N 124 11 48 W	FI R 6s		4	Red.	
550 8370	Crescent City Entrance Light	41 44 11 N 124 11 27 W	FI W 5s	55	12	On pile.	HORN: 1 blast ev 10s (1s bl). Operates continuously.
555	Battery Point Light	41 44 36 N 124 12 06 W	FI W 30s	77	14	White two story structure.	Restored historic light. Private aid.
560	<i>St. George Reef Lighted Whistle Buoy 46</i>	41 50 14 N 124 23 11 W	FI R 4s		5	Red.	
562	<i>NOAA Environmental Lighted Buoy EB 46027</i>	41 51 05 N 124 22 56 W	FI (4) Y 20s			Yellow disc-shaped buoy.	
OREGON - Thirteenth District							
TRINIDAD HEAD TO CAPE BLANCO (Chart 18600)							
565 8595	<i>Chetco River Approach Lighted Whistle Buoy CR</i>	42 01 40 N 124 17 02 W	Mo (A) W		6	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 N 124 15 45 W	FI (3) W 20s	141	11	White octagonal tower attached to building.	Private aid.
575 8650	<i>Rogue River Approach Lighted Whistle Buoy R</i>	42 23 38 N 124 28 35 W	Mo (A) W		6	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
580	<i>Port Orford Entrance Lighted Bell Buoy 1</i>	42 43 18 N 124 30 39 W	FI G 4s		5	Green.	
586	PORT ORFORD JETTY LIGHT 3	42 44 16 N 124 29 50 W	FI G 2.5s	15	3	Collision tolerant pile.	Ra ref.
590	<i>NOAA Lighted Buoy 46015</i>	42 45 24 N 124 49 45 W	FI (4) Y 20s			Yellow disc-shaped buoy.	Aid maintained by NOAA.
595	Cape Blanco Light	42 50 13 N 124 33 49 W	FI W 20s	245	26	White conical tower. 59	Lighted throughout 24 hours.
CAPE BLANCO TO YAQUINA HEAD (Chart 18580)							
600 8675	<i>Coquille River Entrance Lighted Whistle Buoy 2</i>	43 08 08 N 124 27 51 W	FI R 4s		5	Red.	
610	Baltimore Rock Bell Buoy BR	43 21 18 N 124 23 00 W				Yellow.	
613 8728	<i>Scripps Institute Wave Recorder Lighted Buoy</i>	43 46 13 N 124 32 55 W	FI (5) Y 20s		4	Yellow sphere shaped buoy.	Private aid.
615 8730	<i>Coos Bay Approach Lighted Whistle Buoy K</i>	43 22 15 N 124 23 05 W	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 42 N 124 11 54 W	Al (2) W R 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. 65	Lighted throughout 24 hours.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
OREGON - Thirteenth District							
625 9220	<i>Umpqua River Approach Lighted Whistle Buoy U</i>	43 39 58 N 124 14 25 W	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	<i>Siuslaw River Approach Lighted Whistle Buoy S</i>	44 01 08 N 124 09 39 W	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 Light	44 08 15 N 124 07 42 W	Fl W 10s	205	28	White conical tower. 56	Lighted throughout 24 hours. Private aid.
640	CLEFT OF THE ROCK LIGHT	44 17 30 N 124 06 30 W	Al W R 10s	110		Grey square tower.	Private aid.
641	<i>NOAA Lighted Buoy 46050</i>	44 37 37 N 124 30 10 W	Fl (4) Y 20s			Yellow disc-shaped buoy.	Aid maintained by NOAA.
645 9575	<i>Yaquina Bay Approach Lighted Whistle Buoy Y</i>	44 35 52 N 124 06 47 W	Mo (A) W		5	Red and white stripes.	
650	Yaquina Head Light	44 40 36 N 124 04 46 W	Fl (2) W 20s 2s fl 2s ec. 2s fl 14s ec.	162	19		Lighted throughout 24 hours.
652	<i>OSU Yaquina Research Lighted Buoy</i>	44 38 24 N 124 18 14 W	Fl Y 4s		3	Yellow buoy.	Private aid.
YAQUINA HEAD TO COLUMBIA RIVER (CHART 18520)							
655 9780	<i>Depoe Bay Approach Lighted Whistle Buoy DB</i>	44 48 29 N 124 05 19 W	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 04 N 123 59 26 W				Yellow.	
675	Cape Meares Light	45 29 11 N 123 58 42 W	Fl W 6s	232	20	White masonry building. 17	Emergency light Iso W 6s.
680 9810	<i>Tillamook Bay Approach Lighted Whistle Buoy T</i>	45 33 04 N 123 58 56 W	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 N 123 57 32 W			5	Red and white stripes.	
687	<i>Seaside Data Buoy</i>	46 02 06 N 124 14 36 W	Fl Y 4s			Yellow.	Private aid.
688	<i>NOAA Lighted Buoy 46029</i>	46 08 38 N 124 30 42 W	Fl (4) Y 20s			Yellow disk-shaped buoy.	Aid maintained by NOAA.
689	<i>NOAA Lighted Buoy 46089</i>	45 52 53 N 125 45 59 W	Fl (4) Y 20s			Yellow disc-shaped buoy.	
690	<i>Columbia River Approach Lighted Whistle Buoy CR</i>	46 11 05 N 124 11 03 W	Mo (A) W		5	Red and white stripes.	RACON: M (— —).
WASHINGTON - Thirteenth District							
COLUMBIA RIVER TO DESTRUCTION ISLAND (Chart 18500)							
695 9890	Cape Disappointment Light	46 16 33 N 124 03 08 W	Al W R 30s 0.3s W fl 14.7s ec. 0.3s R fl 14.7s ec.	220	W 22 R 18	White conical tower with white band at top and bottom, black band in middle. 53	Emergency light Iso W 6s. operates at reduced intensity. Light is obscured northward of 137.5°. Lighted throughout 24 hours.
700	North Head Light	46 17 56 N 124 04 41 W	Fl (2) W 30s	194	19	White conical tower. 65	Light is obscured eastward of 181°. Lighted throughout 24 hours.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
715 15170	<i>Willapa Bay Approach Lighted Whistle Buoy W</i>	46 44 00 N 124 11 00 W	Mo (A) W		6	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
718 15533	<i>Scripps Institute Wave Recorder Lighted Buoy</i>	46 51 25 N 124 14 40 W	FI (5) Y 20s			Yellow sphere shaped buoy.	Private aid.
720 15530	Grays Harbor Light	46 53 18 N 124 07 01 W	Al W R 30s 0.1s W fl 14.9s ec. 0.1s R fl 14.9s ec.	123		White truncated octagonal pyramid tower. 107	Lighted throughout 24 hours.
725 15535	<i>Grays Harbor Approach Lighted Whistle Buoy GH</i>	46 51 55 N 124 14 26 W	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	<i>NOAA Lighted Buoy 46041</i>	47 20 10 N 124 44 50 W	FI (4) Y 20s			Yellow disc-shaped buoy.	
735	Destruction Island Light	47 40 28 N 124 29 13 W	FI W 10s	147	19	White conical tower with black gallery. 94	Emergency light Iso W 6s.
APPROACHES TO STRAIT OF JUAN DE FUCA (Chart 18480)							
740 16075	<i>Quillayute River Approach Lighted Whistle Buoy Q</i>	47 53 24 N 124 39 57 W	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 N 124 38 51 W	FI W 6s	150	9	White house.	Light is obscured from 068° to 101° and from 111° to 293°.
750	<i>Umatilla Reef Lighted Whistle Buoy 2UR</i>	48 11 16 N 124 49 17 W	FI R 2.5s		4	Red.	
755 16135	<i>Strait of Juan de Fuca Traffic Lane Separation Lighted Buoy J</i>	48 29 37 N 125 00 00 W	FI Y 2.5s		6	Yellow.	RACON: O (---).
756 16136	<i>Straight of Juan De Fuca Traffic Lane Separation Lighted Buoy JA</i>	48 29 38 N 124 43 38 W	FI Y 2.5s		3	Yellow.	
760 16145	Cape Flattery Light	48 23 30 N 124 44 12 W	FI (2) W 20s	165	W 18	White conical tower on white sandstone dwelling. 57	Light is obscured from 271° to 007.5°. Emergency light Iso W 6s. Operates at reduced intensity.
765 16150	<i>Duntze Rock Lighted Whistle Buoy 2D</i>	48 24 54 N 124 45 07 W	FI R 4s		5	Red.	
SAN DIEGO TO ALEUTIAN ISLANDS AND HAWAIIAN ISLANDS (Chart 530)							
765.1	<i>NOAA Data Lighted Buoy 46002</i>	42 34 39 N 130 21 35 W	FI (4) Y 20s			Yellow boat-shaped hull.	Aid Maintained by NOAA.
765.2	<i>NOAA Data Lighted Buoy 46005</i>	46 00 38 N 130 58 15 W	FI (4) Y 20s			Yellow boat-shaped hull.	Aid maintained by NOAA.
765.7	<i>DART Tsunami Warning Lighted Buoy 46419</i>	48 48 00 N 129 36 00 W	FI (4) Y 20s			Red and white disc shaped hull.	Aid maintained by NOAA.
770	Carmanah Point (C)	48 36 42 N 124 45 05 W	FI W 5s	182	19	White octagonal tower. 30	Aid maintained by CA.

(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	<i>Clo-oose Approach Lighted Whistle Buoy YJ (C)</i>	48 38 48 N 124 49 48 W	Mo (A) W			Red and white stripes.	
780	PACHENA POINT LIGHT (C)	48 43 18 N 125 05 48 W	FI (2) W 7.5s 0.37s fl 1.25s ec. 0.37s fl 5.5s ec.	153		White circular tower. 20	HORN: 1 blast ev 60s (6s bl). Horn points 150°.
785	SEABIRD ROCKS LIGHT (C)	48 45 00 N 125 09 12 W	FI W 4s	66	6	White cylindrical tower with red band at top.	
790	Cape Beale Light (C)	48 47 12 N 125 12 48 W	F FI W R 5s	167	12 32	Red square skeleton tower with white slatwork daymark on 3 sides.	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 N 125 13 48 W	FI W 4s	93	7	White circular tower with green band at top.	
800	CHROW ISLANDS LIGHT (C)	48 54 36 N 125 28 18 W	FI W 4s	40	6	White circular tower.	
805	FRANCIS ISLAND LIGHT (C)	48 55 18 N 125 31 24 W	FI (3) W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	26	7	Mast.	
810	Amphitrite Point Light (C)	48 55 18 N 125 32 30 W	FI W 12s	50	16 20	White rectangular tower.	HORN: 1 blast ev 20s (2s bl).
820	Lennard Island Light (C)	49 06 36 N 125 55 24 W	FI W 10s	114	23 58	White circular tower with red band at top.	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 N 126 32 36 W	FI (2) W 15s 0.38s fl 2.12s ec. 0.38s fl 12.12s ec.	123	18 100	White octagonal tower.	HORN: 1 blast ev 60s (5s bl). Emergency light.
860	Nootka Light On summit of San Rafael Island. (C)	49 35 36 N 126 36 48 W	F FI W 12s	101	17	Red square skeleton tower.	HORN: 2 blasts ev 60s (3s bl- 3s si-3s bl-51s si). Horn points southeastward.
905	LOOKOUT ISLAND LIGHT (C)	49 59 54 N 127 27 00 W	F FI G 5s	48	9 23	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 N 128 01 57 W	FI W 5s	93	17	White circular tower.	HORN: 1 blast ev 30s (3s bl). Horn points 140°.
930	Cape Scott Light (C)	50 47 00 N 128 25 30 W	FI W 10s	229	21 30	Square skeleton tower.	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 N 131 00 54 W	FI W 5s	315	14	Mast.	
940	FLATROCK ISLAND LIGHT (C)	52 06 30 N 131 10 00 W	FI W 6s	81	6	Square skeleton tower.	
945	TASU SOUND LIGHT (C)	52 45 00 N 132 05 42 W	FI (3) W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	27	6	Square skeleton tower.	
950	DAVIDSON POINT LIGHT (C)	52 44 30 N 132 06 42 W	FI 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							
955	TCENAKUN POINT LIGHT (C)	53 09 06 N 132 35 00 W	FI W 4s	91	6	Square skeleton tower.	
960	MARBLE ISLAND LIGHT (C)	53 12 06 N 132 40 06 W	FI W 6s	113	6	Square skeleton tower.	
965	FREDERICK ISLAND LIGHT (C)	53 56 18 N 133 11 48 W	FI W 6s	55	6	Square skeleton tower.	
970	HIPPA ISLAND LIGHT (C)	53 32 42 N 133 00 36 W	FI W 4s	103	6	Square skeleton tower.	
975	IPHIGENIA POINT LIGHT (C)	54 11 24 N 133 00 42 W	FI W 6s	31	6	Square skeleton tower.	
980	LANGARA POINT LIGHT (C)	54 15 24 N 133 03 30 W	FI W 5s	160	8	Octagonal tower.	Visible from 055° to 265°. HORN: 1 blast ev 60s (6s bl). Emergency light.
982	NOAA Data Lighted Buoy 46080	58 00 08 N 150 00 32 W	FI (4) Y 20s			Yellow boat-shaped hull.	
PACIFIC OCEAN - Seventeenth District							
GULF OF ALASKA (Chart 531)							
984	NOAA Data Lighted Buoy 46001	56 17 44 N 148 10 19 W	FI (4) Y 20s			Yellow boat-shaped hull.	
984.1	NOAA Data Lighted Buoy 46066	52 41 49 N 155 00 38 W	FI (4) Y 20s			Yellow boat-shaped hull.	
984.15	NOAA Data Lighted Buoy 46085	55 51 17 N 142 33 31 W	FI (4) Y 20s			Yellow boat-shaped hull.	Aid maintained by NOAA.
984.2	NOAA DART Buoy 46401	46 46 37 N 170 48 00 W	FI Y 4s			Red and White disc shaped hull.	Deep-ocean Assesment and Reporting of Tsunamis.
984.3	NOAA DART Tsunami Warning Lighted Buoy 46402	51 04 10 N 164 00 38 W	FI Y 20s			Red and White disc shaped hull.	Aid maintained by NOAA.
984.4	NOAA DART Tsunami Warning Lighted Buoy 46403	49 37 33 N 169 52 17 W	FI Y 204s			Red and White disc shaped hull.	Aid maintained by NOAA.
984.5	NOAA DART Tsunami Warning Buoy 46409	55 18 00 N 148 30 01 W	FI (4)Y 20s			Red and White Disc Shaped Hull	Aid Maintained by NOAA
984.6	NOAA DART Tsunami Warning Buoy 46410	57 30 00 N 144 00 00 W	FI (4)Y 20s			Red and White Disc Shaped hull.	Aid Maintained by NOAA.
984.7	NOAA DART Tsunami Warning Lighted Buoy 46413	48 52 12 N 175 34 48 W	FI (4)Y 20s			Red and white disc-shaped hull	Aid maintained by NOAA.
ALASKA - Seventeenth District							
DIXON ENTRANCE TO CAPE ST. ELIAS (Chart 16016)							
985 24330	CAPE MUZON LIGHT	54 39 51 N 132 41 30 W	FI W 6s	80	7	NR on spindle.	Obscured from 089° to 297°.
995	LOWRIE ISLAND LIGHT	54 51 37 N 133 32 07 W	FI W 6s	61	8	NR on skeleton tower.	
1000 24455	DIVER ISLANDS LIGHT	55 10 40 N 133 15 53 W	FI W 4s	130	7	NR on post.	Obscured from 186° to 007°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
1005 24460	CAPE BARTOLOME LIGHT	55 13 50 N 133 36 56 W	FI W 6s	158	7	NR on spindle.	Obscured from 148° to 263°.
1010 24650	CAPE ULITKA LIGHT	55 33 45 N 133 43 43 W	FI W 6s	115	6	NR on skeleton tower.	Obscured from 310° to 053°.
1015 23450	HELM POINT LIGHT	55 49 35 N 134 16 11 W	FI W 6s	140	6	NR on skeleton tower.	Obscured from 067° to 188°.
1020 23440	Cape Decision Light	56 00 05 N 134 08 09 W	FI W 5s	96	18		Obscured from 134° to 245°. Emergency light (FI W 5s) of reduced intensity if main light is extinguished.
1025 23460	CAPE OMMANEY LIGHT	56 09 37 N 134 39 40 W	FI W 6s	195	8	NR on monopile.	Obscured from 293° to 061°.
1028	<i>NOAA Data lighted Buoy 46084</i>	56 35 24 N 136 09 36 W	FI (4) Y 20s			Yellow boat-shaped hull.	
1030 24910	CAPE EDGE CUMBE LIGHT	56 59 53 N 135 51 27 W	FI W 4s	100	7	NR on skeleton tower.	Obscured from 149.5° to 321°.
1035 25165	KLOKACHEF ISLAND LIGHT	57 24 12 N 135 54 22 W	FI W 6s	85	7	NR on square frame.	Obscured from 155.5° to 291°.
1040 25370	HILL ISLAND LIGHT	57 43 39 N 136 16 36 W	FI W 4s	60	6	NR on square frame.	Obscured from 111° to 264°.
1045	Star Rock Bell Buoy	57 49 47 N 136 16 36 W				Green and red bands.	
1050 25375	LISIANSKI STRAIT LIGHT 2	57 50 42 N 136 26 08 W	FI R 4s	53	4	TR on skeleton tower.	Obscured from 024° to 210°.
1055	GREENTOP ISLAND LIGHT	57 51 19 N 136 29 06 W	FI W 6s	79	6	NR on monopile.	
1060	Deer Harbor Entrance Bell Buoy 1	57 56 11 N 136 34 37 W				Green.	
1065	SURGE BAY ENTRANCE LIGHT	57 58 36 N 136 33 40 W	FI W 4s	65	6	NR on monopile.	Obscured from 176° to 016°.
1070 24240	Cape Spencer Light	58 11 56 N 136 38 26 W	FI W 10s	105	17		Emergency light (FI W 6s) of reduced intensity if main light is extinguished.
1075	LIBBY ISLAND LIGHT	58 16 24 N 136 46 26 W	FI W 4s	53	6	NR on spindle.	Obscured from 089° to 206°.
1080	<i>Sugarloaf Island Shoal Lighted Whistle Buoy 2</i>	58 17 23 N 136 53 23 W	FI R 6s		4	Red.	
1082	<i>NOAA Data Lighted Buoy 46083</i>	58 14 34 N 138 00 20 W	FI (4) 20s			Yellow boat-shaped hull.	
1085 25415	OCEAN CAPE LIGHT	59 32 06 N 139 51 20 W	FI W 6s	130	9	NR on skeleton tower.	Obscured from 134° to 309°.
1090 25420	<i>Yakutat Bay Entrance Lighted Whistle Buoy 2</i>	59 31 59 N 139 57 11 W	FI R 2.5s		4	Red.	
1097	<i>NOAA Data Lighted Buoy 46082</i>	59 41 06 N 143 25 16 W	FI (4) Y 20s			Yellow boat-shaped hull.	
CAPE ST. ELIAS TO SHUMAGIN ISLANDS (Chart 16013)							
1100	CAPE ST. ELIAS LIGHT	59 47 54 N 144 35 56 W	FI W 10s	85	17		Obscured from 160° to 287° and from 018.5 to 027°. Emergency light (FI W 6s) of reduced intensity when main light is extinguished.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
1105	Cape St. Elias Buoy 2	59 44 48 N 144 38 04 W				Red nun.	
1110	Wessels Reef Buoy 1	59 47 45 N 146 05 32 W				Green can.	
1115 25475	<i>Egg Islands Lighted Whistle Buoy EI</i>	60 17 22 N 145 43 13 W	Mo (A) W		6	Red and white stripes.	
1120 25480	EGG ISLAND LIGHT E	60 22 00 N 145 45 14 W	FI W 6s	33	9	NR on skeleton tower.	
1125	CAPE HINCHINBROOK LIGHT	60 14 15 N 146 38 48 W	FI W 15s	235	19		Obscured from 134° to 135° and 138° to 283°. Emergency light, FI W 6s, of reduced intensity if main light is extinguished.
1130 25515	SEAL ROCKS LIGHT	60 09 47 N 146 50 18 W	FI W 6s	48	8	NR on skeleton tower.	RACON: K (—•—).
1131	<i>NOAA Data Lighted Buoy 46061</i>	60 13 04 N 146 49 30 W	FI(4)Y 20s			Yellow boat-shaped weather buoy.	Aid maintained by NOAA.
1135 25520	<i>Seal Rocks Shoal Lighted Whistle Buoy 1</i>	60 09 58 N 146 44 53 W	FI G 4s	4		Green.	
1140 25985	RUGGED ISLAND LIGHT	59 50 18 N 149 22 26 W	FI 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 N 149 28 12 W	FI W 4s	100	6	NR on skeleton tower.	
1150	SEAL ROCKS LIGHT	59 31 14 N 149 37 47 W	FI W 6s	285	8	NR on steel skeleton tower.	
1155 26065	EAST CHUGACH LIGHT	59 06 23 N 151 26 37 W	FI W 6s	325	7	NR on skeleton tower.	Obscured from 118° to 227°.
1160 26100	EAST AMATULI ISLAND LIGHT	58 54 57 N 151 57 08 W	FI W 6s	120	8	NR on skeleton tower.	Obscured from 076° to 147°.
1165 27045	LATAK ROCKS LIGHT	58 41 24 N 152 29 00 W	FI W 4s	40	8	NR on post.	
1170 26460	TONKI CAPE LIGHT	58 21 09 N 151 59 12 W	FI W 4s	75	8	NR on skeleton tower.	
1175 26545	<i>Williams Reef Lighted Whistle Buoy 1</i>	57 50 18 N 152 09 30 W	FI G 4s		4	Green.	
1180 26850	<i>Humpback Rock Lighted Whistle Buoy 1</i>	57 42 48 N 152 14 12 W	FI G 4s		5	Green.	
1185	CAPE CHINIAK LIGHT	57 37 41 N 152 09 12 W	FI W 6s	120	8	NR on skeleton tower.	
1187	<i>NOAA DATA LIGHTED BUOY 46078</i>	56 03 20 N 152 26 50 W	FI (4) Y 20s			Yellow boat-shaped buoy.	
1195 26915	WHIRLPOOL POINT LIGHT	56 37 00 N 154 05 36 W	FI W 2.5s	51	8	NR on skeleton tower.	
1197	<i>NOAA Data Lighted Buoy 46075</i>	53 55 32 N 160 48 23 W	FI (4) Y 20s			Yellow boat-shaped buoy.	
1199	<i>NOAA Data Lighted Buoy 46073</i>	54 56 30 N 172 01 44 W	FI (4) Y 20s			Yellow disc-shaped hull.	Aid maintained bt NOAA.
ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011)							
1200	HAGUE ROCK LIGHT	54 33 01 N 162 24 05 W	FI W 4s	60	6	NR on square frame.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
1205	Pankof Breaker Buoy 1	54 42 50 N 162 59 54 W				Green can.	
1220	SCOTCH CAP LIGHT	54 23 45 N 164 44 43 W	FI W 6s	110	9	NR on skeleton tower.	Obscured from 104° to 276°.
1225	UGAMAK ISLAND LIGHT	54 13 45 N 164 48 02 W	FI W 4s	98	8	NR on skeleton tower.	
1230	CAPE SARICHEF LIGHT	54 35 54 N 164 55 39 W	FI W 2.5s	170	8	NR on skeleton tower.	Obscured from 223.5° to 018.5°.
1235	BILLINGS HEAD LIGHT	54 17 48 N 165 31 28 W	FI W 4s	210	6	NR on skeleton tower.	Obscured from 256.5° to 090.5°.
1240	NORTH HEAD LIGHT	54 13 16 N 165 58 47 W	FI W 6s	60	6	NR on monopole.	Obscured from 257° to 054°.
1245	SEALION ROCKS LIGHT	55 27 52 N 163 12 11 W	FI W 6s	94	7	On skeleton tower.	
1250	CAPE SENIAVIN LIGHT	56 23 57 N 160 08 47 W	FI W 6s	175	7	NR on skeleton tower.	
1255 27760	SMOKY POINT LIGHT	57 37 44 N 157 41 26 W	FI W 4s	40	6	NR on skeleton tower.	
1260	CAPE GREIG LIGHT	57 44 30 N 157 41 47 W	FI W 6s	350	6	NR on skeleton tower.	
1265 27770	Red Bluff Daybeacon	58 14 08 N 157 29 05 W				NR on skeleton tower.	
<i>Lights are maintained from July 1 to Nov. 1.</i>							
1285	CAPE MOHICAN LIGHT	60 12 41 N 167 27 28 W	FI W 6s	285	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1287	CAPE ETOLIN LIGHT	60 25 48 N 166 09 38 W	FI W 6s	40	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1290	BLACK RIVER ENTRANCE LIGHT	62 21 20 N 165 20 50 W	FI W 4s	20	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1293 27859.5	SHELDON POINT LIGHT	62 32 23 N 165 01 12 W	FI W 2.5s	18	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1295 27860	YUKON RIVER SOUTH ENTRANCE LIGHT	62 35 22 N 164 57 42 W	FI W 6s	20	8	NR on skeleton tower.	Ra ref.
1300 27865	KWIGUK PASS ENTRANCE LIGHT	62 48 06 N 164 52 05 W	FI W 2.5s	18	8	NR on skeleton tower.	Maintained from July 1 to Nov. 1. Ra ref.
1305 27870	YUKON RIVER MIDDLE ENTRANCE LIGHT	63 04 26 N 164 37 59 W	FI W 4s	18	8	NR on skeleton tower.	Obscured from 176° to 266°. Ra ref.
1309 27874	KAKUKTAHUK PASS ENTRANCE LIGHT	63 08 57 N 163 35 14 W	FI 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 27 N 163 22 46 W	FI W 6s	19	8	NR on skeleton tower.	Obscured from 286° to 161°. Ra ref.
1315 27895	POINT ROMANOF LIGHT	63 12 00 N 162 50 00 W	FI W 6s	25	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1320 27900	CAPE STEPHENS LIGHT	63 32 27 N 162 18 49 W	FI W 4s	200	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1325 27910	EGG ISLAND LIGHT	63 36 40 N 161 44 35 W	FI W 6s	90	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1335 27955	ROCKY POINT LIGHT	64 23 53 N 163 09 00 W	FI W 2.5s	175	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
1340	SLEDGE ISLAND LIGHT	64 29 47 N 166 11 56 W	FI W 6s	32	7	NR on skeleton tower.	Obscured from 326° to 080°. Maintained from July 1 to Nov. 1.
1345	CAPE RODNEY LIGHT	64 38 35 N 166 23 47 W	FI W 4s	24	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1350	POINT SPENCER LIGHT	65 16 38 N 166 50 56 W	FI W 6s	22	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
CAPE PRINCE OF WALES TO POINT BARROW (Chart 16005)							
1355	CAPE PRINCE OF WALES LIGHT	65 38 01 N 168 07 09 W	FI W 4s	20	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1360	SHISHMAREF LIGHT	66 15 32 N 166 02 25 W	FI W 4s	20	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1365	NORTHWEST CORNER LIGHT	66 34 50 N 164 24 24 W	FI W 6s	75	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
1370	Cominco Red Dog Racon Light	67 34 42 N 164 03 09 W	FI (2) W 10s	112	10	On tower.	RACON: K(—•—). Maintained from June 1 to Nov. 1. Private aid.
BERING SEA - Seventeenth District							
SAN DIEGO TO ALEUTIAN ISLANDS AND HAWAIIAN ISLANDS (Chart 530)							
1481	NOAA Data Lighted Buoy 46035	57 03 02 N 177 34 35 W	FI (4) Y 20s			Yellow disc-shaped hull.	

Section 2

California

San Diego to Santa Cruz Channel

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
APPROACHES TO SAN DIEGO BAY (Chart 18765)							
San Diego Bay							
1485 10	- Approach Lighted Whistle Buoy SD	32 37 18 N 117 14 48 W	Mo (A) W		6	Red and white stripes.	RACON: M(— —).
1490	- Approach Lighted Buoy 3	32 38 13 N 117 14 13 W	FI G 6s		4	Green.	
1493	- Approach Lighted Bell Buoy 4	32 38 00 N 117 13 18 W	Q R		4	Red.	Ra ref.
1495	- Channel Lighted Buoy 5	32 39 06 N 117 13 36 W	FI G 2.5s		3	Green.	
SAN DIEGO BAY (Chart 18773)							
San Diego Bay							
1500	- Entrance Range Front Light	32 42 18 N 117 14 00 W	Q G	22	15	KRW on white column.	Visible 1.5° each side of rangeline. HORN: 1 blast ev 10s (1s bl).
1505	- Entrance Range Rear Light 506 yards, 353° from front light.	32 42 32 N 117 14 02 W	Iso G 6s	55	15	KRW on skeleton tower.	Visible 1.5° each side of rangeline.
1510	- Channel Lighted Buoy 6	32 39 12 N 117 13 30 W	FI R 4s		3	Red.	
1515	- Channel Lighted Buoy 7	32 39 54 N 117 13 42 W	FI G 4s		4	Green.	
Zuniga Jetty							
1520	- LIGHT Z	32 40 00 N 117 13 23 W	FI W 2.5s	28	6	NW on post worded DANGER SUBMERGED JETTY.	HORN: 1 blast ev 10s (1s bl). Operates continuously.
1525	- LIGHT Y	32 40 15 N 117 13 23 W	FI W 4s	18	6	NW on post worded DANGER SUBMERGED JETTY.	
1530	- LIGHT X	32 40 29 N 117 13 23 W	FI W 4s	18	6	NW on post worded DANGER SUBMERGED JETTY.	
1535	- LIGHT W	32 40 41 N 117 13 24 W	FI W 4s	18	6	NW on post worded DANGER SUBMERGED JETTY.	
1540	- LIGHT V	32 40 54 N 117 13 24 W	FI W 4s	18	6	NW on post worded DANGER SUBMERGED JETTY.	
San Diego Bay							
1545	- Channel Lighted Buoy 8	32 39 55 N 117 13 36 W	FI R 2.5s		3	Red.	
1550	- Channel Lighted Buoy 9	32 40 25 N 117 13 49 W	FI G 2.5s		4	Green.	
1555	- Channel Lighted Buoy 10	32 40 25 N 117 13 39 W	FI R 4s		3	Red.	
1560	- Channel Lighted Buoy 11	32 40 54 N 117 13 54 W	FI G 4s		3	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
1565	- Channel Lighted Buoy 12	32 40 54 N 117 13 42 W	FI R 2.5s		3	Red.	
1567	- SUBMERGED JETTY LIGHT E	32 41 12 N 117 13 40 W	FI W 2.5s	15	4	NW on pile worded: DANGER SUBMERGED JETTY.	Temp aid is marking jetty and structure remains.
1568	- SUBMERGED JETTY LIGHT M	32 41 11 N 117 13 37 W	FI W 4s	15	4	NW on pile worded: DANGER SUBMERGED JETTY.	
1570	Ballast Point Light B	32 41 10 N 117 13 57 W	FI W 4s	16	10	NG on platform on dolphin.	HORN: 1 blast ev 15s (2s bl).
1571	Ballast Point Shoal Buoy	32 41 12 N 117 14 00 W				White can with orange bands worded SHOAL.	
1585	- Channel Lighted Buoy 14	32 41 42 N 117 13 54 W	Q R		3	Red.	
1590	- Channel Lighted Buoy 15	32 41 42 N 117 14 00 W	FI G 2.5s		3	Green.	
Shelter Island Yacht Basin							
1594	SHELTER ISLAND SHOAL LIGHT	32 42 21 N 117 14 01 W	F W	18		White sign with orange border marked "DANGER SHOAL". Floodlit.	Private aid.
1595	SHELTER ISLAND WEST END LIGHT 2	32 42 28 N 117 14 06 W	FI R 2.5s	15	5	TR on pile.	
San Diego North Island Shallow Water Habitat							
1616	- LIGHT A	32 42 08 N 117 13 33 W	FI W 4s	15	4	NW on pile worded DANGER ROCKS.	
1617	- Daybeacn B	32 42 12 N 117 13 31 W		15		NW on pile worded DANGER ROCKS.	
1618	- Daybeacon C	32 42 14 N 117 13 29 W		15		NW on pile worded DANGER ROCKS.	
1619	- LIGHT D	32 42 17 N 117 13 26 W	FI W 4s	15	4	NW on pile worded DANGER ROCKS.	
San Diego Bay							
1620	- Channel Lighted Buoy 16	32 42 06 N 117 13 42 W	FI R 2.5s		3	Red.	
1625	- Channel Lighted Buoy 16A	32 42 24 N 117 13 36 W	Q R		3	Red.	
1630	- Channel Lighted Buoy 17	32 42 18 N 117 13 48 W	FI G 4s		4	Green.	
1635	NORTH ISLAND LIGHT NW	32 42 29 N 117 13 11 W	FI W 2.5s	23	3	NR on post.	
1640	SHELTER ISLAND LIGHT S	32 42 55 N 117 13 22 W	FI W 2.5s	16	6	NG on post.	
1645	- Channel Lighted Buoy 18	32 42 18 N 117 13 00 W	FI R 4s		3	Red.	
1650	- Channel Lighted Buoy 19	32 42 54 N 117 13 06 W	Q G		3	Green.	
Commercial Basin							
1655	- Lighted Buoy 1	32 43 12 N 117 13 00 W	FI G 4s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
1662	- LIGHT B	32 43 18 N 117 13 18 W	FI (2+1) R 5s	17		JR on pile.	Private aid.
1665	- South Channel Daybeacon 2	32 43 12 N 117 13 24 W		15		TR on pile.	Private aid.
1670	- South Channel Daybeacon 4			15		TR on pile.	Private aid.
1675	- South Channel Daybeacon 6			15		TR on pile.	Private aid.
1685	- North Channel Daybeacon 3	32 43 18 N 117 13 18 W		15		SG on pile.	Private aid.
1690	- North Channel Daybeacon 5			15		SG on pile.	Private aid.
1695	- North Channel Daybeacon 7			15		SG on pile.	Private aid.
San Diego Bay							
1700	HARBOR ISLAND LIGHT	32 43 27 N 117 12 47 W	FI W 4s	56	8	On top of red roofed building.	
1705	NORTH ISLAND LIGHT N	32 42 51 N 117 12 33 W	Q W	20	4	NR on post on concrete platform.	
1710	- Channel Lighted Buoy 20	32 43 00 N 117 12 24 W	Q R		3	Red.	
1715	- Channel Lighted Buoy 21	32 43 06 N 117 11 36 W	Q G		3	Green.	
1720	- Mooring Buoy 19	32 43 16 N 117 11 22 W	Q Y			White.	Navy Maintained.
1736	- Quarantine Buoy A	32 42 43 N 117 14 04 W				Yellow sphere worded QUARANTINE AREA.	Private aid.
1737	- Quarantine Buoy B	32 42 42 N 117 14 06 W				Yellow sphere worded QUARANTINE AREA.	Private aid.
1738	- Quarantine Buoy C	32 42 41 N 117 14 08 W				Yellow sphere worded QUARANTINE AREA.	Private aid.
North San Diego Bay							
1740	- Buoy A	32 43 30 N 117 10 42 W				Yellow.	Private aid.
1745	- Buoy B	32 43 24 N 117 10 30 W				Yellow.	Private aid.
1750	- Buoy C	32 43 30 N 117 10 30 W				Yellow.	Private aid.
1755	- Buoy D	32 43 30 N 117 10 24 W				Yellow.	Private aid.
1757	- Buoy F	32 43 18 N 117 10 53 W				Yellow.	Private aid.
1758	- Buoy G	32 43 18 N 117 10 36 W				Yellow.	Private aid.
Harbor Island East Basin							
1760	- Channel Buoy 1	32 43 30 N 117 11 12 W				Green can.	Private aid.
1765	- Channel Buoy 2	32 43 30 N 117 11 06 W				Red nun.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
1775	- Channel Buoy 4	32 43 36 N 117 11 12 W				Red nun.	Private aid.
1780	- Channel Buoy 6	32 43 36 N 117 11 18 W				Red nun.	Private aid.
1785	- Channel Buoy 8	32 43 36 N 117 11 24 W				Red nun.	Private aid.
1790	- Channel Buoy 10	32 43 36 N 117 11 30 W				Red nun.	Private aid.
1795	- Channel Buoy 12	32 43 36 N 117 11 36 W				Red nun.	Private aid.
San Diego Bay							
1800	Pier B Fog Signal	32 43 03 N 117 10 35 W					HORN: 1 blast ev 15s (2s bl).
1810	- Safety Zone Northeast Buoy	32 43 36 N 117 10 45 W				Yellow can.	
1815	- Safety Zone Southeast Buoy	32 43 18 N 117 10 54 W				Yellow can.	
1820	- Safety Zone Southwest Buoy	32 43 24 N 117 11 06 W				Yellow can.	
1821	- Safety Zone West Buoy	32 43 30 N 117 11 06 W				Yellow can.	
1821.1	- Safety Zone Northwest Buoy	32 43 30 N 117 11 06 W				Yellow can.	
1822	- Safety Zone Northwest Daybeacon	32 43 35 N 117 11 02 W		12		NY on post.	
1825	- Channel Buoy 22A	32 42 12 N 117 10 24 W				Red nun.	
1830	- Channel Lighted Buoy 22	32 42 30 N 117 10 42 W	FI R 4s		3	Red.	
1835	- Channel Lighted Buoy 23	32 42 12 N 117 10 12 W	FI G 4s		4	Green.	
1840	- Channel Lighted Buoy 24	32 41 55 N 117 09 54 W	FI R 4s		3	Red.	
1845	- Channel Lighted Buoy 26	32 41 00 N 117 08 36 W	FI R 4s		3	Red.	
1847	- Channel Lighted Buoy 26A	32 40 48 N 117 08 18 W	FI R 6s		4	Red.	
1849	Seaport Village Speed Limit Buoy A	32 42 30 N 117 10 12 W				White with orange bands.	Private aid.
1850	TENTH AVENUE PIER NORTH LIGHT	32 41 47 N 117 09 17 W	F G	10		On pier.	Private aid.
1855	TENTH AVENUE PIER SOUTH LIGHT	32 41 44 N 117 09 13 W	F G	10		On pier.	Private aid.
1857	TENTH AVENUE MARINE TERMINAL LIGHT	32 41 42 N 117 09 12 W	F G	12		On pole.	Private aid.
1859	San Diego-Coronado Bay Bridge RACON T	32 41 26 N 117 09 10 W	T (-)	193		West span, center of channel.	Private aid.
1860	San Diego-Coronado Bay Bridge Fog Signal	32 41 26 N 117 09 09 W				Bridge pier.	Private aid. HORN (2): 1 blast ev 10s (1s bl). Simultaneously.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
1861	San Diego-Coronado Bay Bridge RACON C	32 41 26 N 117 09 09 W	C (- • - •)	193		East span, center of channel.	Private aid.
	Glorietta Bay						
1865	- Channel Lighted Buoy 1	32 41 11 N 117 09 11 W	FI G 4s		4	Green.	
1875	- CHANNEL RANGE FRONT LIGHT	32 40 35 N 117 10 08 W	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 N 117 10 10 W	Iso G 6s	21		KRW on post.	Visible all around.
1885	- Channel Buoy 2	32 41 10 N 117 09 22 W				Red nun.	
1890	- Channel Buoy 3	32 41 00 N 117 09 27 W				Green.	
1892	Glorietta Bay Channel Buoy 5	32 40 34 N 117 10 01 W				Green can.	Private aid.
1895	- Buoy 6					Red nun.	
1900	- Channel Lighted Buoy 8	32 40 42 N 117 10 06 W	FI R 4s			Red nun.	Private aid.
	San Diego Bay						
1980	- Channel Lighted Buoy 28	32 40 36 N 117 08 00 W	FI R 4s		3	Red.	
2005	- Channel Lighted Buoy 30	32 40 06 N 117 07 36 W	FI R 4s		3	Red.	
2010	- Channel Lighted Buoy 32	32 39 47 N 117 07 34 W	FI R 4s		3	Red.	
2015	- Channel Lighted Buoy 33	32 39 30 N 117 07 24 W	FI G 2.5s		3	Green.	
2020	- Channel Lighted Buoy 34	32 39 24 N 117 07 36 W	FI R 2.5s		3	Red.	
2035	- Channel Lighted Buoy 36	32 39 19 N 117 07 27 W	FI R 4s		3	Red.	
	Sweetwater Anchorage						
2036.1	- Lighted Buoy A	32 39 12 N 117 07 42 W	FI W 2.5s			Yellow.	Private aid.
2036.2	- Lighted Buoy B		FI W 2.5s			Yellow.	Private aid.
2036.3	- Lighted Buoy C		FI W 2.5s			Yellow.	Private aid.
2036.4	- Lighted Buoy D		FI W 2.5s			Yellow.	Private aid.
2036.5	- Buoy E					Yellow.	Private aid.
2036.6	- Buoy F					Yellow.	Private aid.
	San Diego Bay						
2040	- Channel Lighted Buoy 38	32 39 04 N 117 07 23 W	FI R 2.5s		3	Red.	
2042	- Channel Lighted Buoy 39	32 38 48 N 117 07 12 W	Q G		3	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
2045	- Channel Lighted Buoy 40	32 38 42 N 117 07 30 W	FI R 4s		3	Red.	
2052.1	SPEED CONTROL LIGHT A	32 38 34 N 117 07 38 W	FI W 4s	11		White sign with orange border on pile.	Private aid.
2052.2	SAN DIEGO BAY SPEED CONTROL LIGHT B	32 38 30 N 117 07 46 W	FI W 4s	11		White sign with orange border on pile.	Private aid.
2052.3	SPEED CONTROL LIGHT C	32 38 26 N 117 07 54 W	FI W 4s	11		White sign with orange border on pile.	Private aid.
Sweetwater Channel							
2053	- LIGHT 2	32 38 48 N 117 07 12 W	FI R 4s	11		TR on pile.	Private aid.
2054	- LIGHT 4		FI R 4s	11		TR on pile.	Private aid.
2056	- LIGHT 6		FI R 4s	11		TR on pile.	Private aid.
2058	- LIGHT 8		FI R 4s	12		TR on pile.	Private aid.
Coronado Cays Channel							
2060	- LIGHT 1	32 38 18 N 117 07 54 W	FI G 2.5s	8		SG on pile.	Private aid.
2065	- LIGHT 2	32 38 18 N 117 08 00 W	FI R 2.5s	8		TR on pile.	Private aid.
2070	- Daybeacon 3					SG on pile.	Private aid.
2075	- Daybeacon 4					TR on pile.	Private aid.
2080	- Daybeacon 5					SG on pile.	Private aid.
2085	- Daybeacon 6					TR on pile.	Private aid.
2090	- LIGHT 7	32 38 00 N 117 07 54 W	Q G	8		SG on pile.	Private aid.
2095	- LIGHT 8	32 38 00 N 117 08 00 W	Q R	8		TR on pile.	Private aid.
2096	- Daybeacon 9					SG on pile.	Private aid.
2100	- LIGHT 10	32 37 54 N 117 07 54 W	Q R	8		TR on pile.	Private aid.
2105	- LIGHT 11	32 37 54 N 117 07 48 W	Q G	9		SG on pile.	Private aid.
2110	- LIGHT 13	32 37 48 N 117 07 48 W	Q G	9		SG on pile.	Private aid.
2115	CORONADO CAYS PIER LIGHT C	32 37 42 N 117 07 42 W	FI W 2s	15			Private aid.
2120	- LIGHT 15	32 37 40 N 117 07 45 W	Q G	8		SG on pile.	Private aid.
2125	- LIGHT 16	32 37 42 N 117 07 48 W	Q R	8		TR on pile.	Private aid.
2130	- Daybeacon 17			8		SG on pile.	Private aid.
2135	- Daybeacon 18			8		TR on pile.	Private aid.
2140	- Daybeacon 19			8		SG on pile.	Private aid.
2145	- Daybeacon 20			8		TR on pile.	Private aid.
2150	CORONADO CAYS LIGHT 21		Q G	15		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							
2155	CORONADO CAYS LIGHT 22		Q R	15		TR on pile.	Private aid.
	Chula Vista Channel						
2159	- SHOAL MARKER LIGHT A	32 38 43 N 117 07 19 W	FI W 2.5s	11		Diamond-shaped dayboard on pile worded DANGER SHOAL.	Private aid.
2159.1	- SHOAL MARKER LIGHT B	32 38 44 N 117 07 14 W	FI W 4s	11		Diamond-shaped dayboard on pile worded DANGER SHOAL.	Private aid.
2160	- LIGHT 2	32 38 36 N 117 07 24 W	FI R 4s	8		TR on pile.	Private aid.
2165	- LIGHT 3	32 38 30 N 117 07 18 W	FI G 4s	6		SG on pile.	Private aid.
2170	- LIGHT 4	32 38 30 N 117 07 24 W	FI R 4s	7		TR on pile.	Private aid.
2175	- LIGHT 5	32 38 18 N 117 07 12 W	FI G 4s	8		SG on pile.	Private aid.
2180	- LIGHT 6	32 38 18 N 117 07 18 W	FI R 6s	8		TR on pile.	Private aid.
2185	- LIGHT 7	32 38 12 N 117 07 06 W	FI G 2.5s	8		SG on pile.	Private aid.
2190	- LIGHT 8	32 38 06 N 117 07 18 W	FI R 2.5s	7		TR on pile.	Private aid.
2195	SD CHULA VISTA CHANNEL LIGHT 9	32 38 11 N 117 07 01 W	FI G 4s	7		SG on pile.	Private aid.
2200	- LIGHT 10	32 38 06 N 117 07 06 W	FI R 2.5s	10		TR on pile.	Private aid.
2202	- SD CHULA VISTA CHANNEL LIGHT 10A	32 38 08 N 117 07 01 W	FI R 4s	7		TR on pile.	Private aid.
2205	- LIGHT 11	32 38 12 N 117 06 54 W	FI G 2.5s	10		SG on pile.	Private aid.
2207	- LIGHT 11A	32 38 12 N 117 06 48 W	Q G	7		SG on pile.	Private aid.
2210	- LIGHT 12	32 38 06 N 117 06 54 W	Q R	10		TR on pile.	Private aid.
2215	- LIGHT 13	32 37 59 N 117 06 44 W	FI G 2.5s			SG on pile.	Private aid.
2220	- LIGHT 14	32 37 58 N 117 06 48 W	FI R 2.5s			TR on pile.	Private aid.
2225	- LIGHT 15	32 37 48 N 117 06 36 W	FI G 4s	8		SG on pile.	Private aid.
2230	- LIGHT 16	32 37 48 N 117 06 42 W	FI R 4s	8		TR on pile.	Private aid.
2235	- LIGHT 17	32 37 40 N 117 06 33 W	FI G 4s			SG on pile.	Private aid.
2240	- LIGHT 18	32 37 39 N 117 06 36 W	FI R 4s			TR on pile.	Private ad.
2245	- LIGHT 19	32 37 30 N 117 06 24 W	FI G 2.5s	8		SG on pile.	Private aid.
2250	- LIGHT 20	32 37 30 N 117 06 24 W	FI R 2.5s	7		TR on pile.	Private aid.
2255	- LIGHT 21	32 37 30 N 117 06 24 W	FI G 4s	6		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							
2260	- LIGHT 22	32 37 24 N 117 06 24 W	FI R 4s	10		TR on pile.	Private aid.
2262	- LIGHT 22A	32 37 18 N 117 06 24 W	Q R	11		TR on pile.	Private aid.
2263	- Shoal Buoy	32 37 22 N 117 06 16 W				White can worded SHOAL.	Private aid.
2265	CHULA VISTA BASIN NORTH LIGHT	32 37 36 N 117 06 12 W	FI G 4s	19			Private aid.
2270	CHULA VISTA BASIN SOUTH LIGHT		FI R 4s	18			Private aid.
APPROACHES TO SAN DIEGO BAY (Chart 18765)							
Mission Bay							
2275 25	- South Jetty Lighted Buoy 2	32 45 21 N 117 15 45 W	FI R 2.5s			Red.	
2280 30	- NORTH JETTY LIGHT 1	32 45 30 N 117 15 36 W	FI G 6s	42	7	SG on skeleton tower.	HORN: 2 blasts ev 20s.
2282	- WEIR LIGHT WEST END	32 45 25 N 117 15 01 W	FI W 2.5s	19	5	NW on pile worded DANGER SUBMERGED JETTY.	
2283	- WEIR LIGHT EAST END	32 45 26 N 117 14 55 W	FI W 2.5s	19	5	NW on pile worded DANGER SUBMERGED JETTY.	
2285	- CHANNEL LIGHT 4	32 45 36 N 117 14 24 W	FI R 2s	22		On post.	Private aid.
2287	- CHANNEL LIGHT 6	32 45 45 N 117 14 31 W	FI R 4s	26	5	TR on post.	
2288	SCRIPPS WAVERIDER STATION 093	32 44 48 N 117 22 12 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
2289.1	Scripps Lighted Research Buoy Station 100	32 55 49 N 117 23 33 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
2289.2	Scripps Lighted Research Buoy Station 045	33 10 46 N 117 28 17 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
2289.5	Camp Pendleton AVTB Marker Buoy	33 12 00 N 117 26 28 W	FI (5) W 20s			Yellow.	Private aid.
2289.6	Camp Pendleton Datawell Wave Buoy	33 11 04 N 117 26 02 W	FI (5) Y 20s			Yellow.	Temporarily until 8/30/06. Private aid.
GULF OF SANTA CATALINA (Chart 18774)							
Oceanside							
<i>Due to frequently changing conditions, positions of buoys are not listed.</i>							
2290	- Approach Lighted Whistle Buoy OC		Mo (A) W		4	Red and white stripes.	
2295	- BREAKWATER LIGHT 1	33 12 19 N 117 24 09 W	FI G 2.5s	30	5	SG on pile.	
2296 45	- SOUTH JETTY LIGHT 2	33 12 22 N 117 23 59 W	FI R 2.5s	26	7	TR on post.	HORN: 2 blasts ev 20s (2s bl- 2s sl-2s bl-14s sl).
2300	Oceanside Junction Lighted Buoy	33 12 29 N 117 24 09 W	FI (2+1) G 6s		3	Green and red bands; can.	
2305	Oceanside Harbor Lighted Buoy 3	33 12 30 N 117 24 01 W	FI G 4s		3	Green can.	
2310	- LIGHT 4	33 12 26 N 117 23 59 W	Q R	26	4	TR on tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
2315	Oceanside Lighted Buoy 5	33 12 30 N 117 23 51 W	Fl G 2.5s		3	Green Can.	
2317	-Danger Buoy	33 12 30 N 117 23 57 W				White can with orange band worded ROCKS.	
2320	-Daybeacon 6	33 12 27 N 117 23 46 W				TR on pile.	
2325	-LIGHT 7	33 12 31 N 117 23 45 W	FI G 4s	28	4	SG on tower.	
Del Mar Boat Basin							
<i>Due to frequently changing conditions, positions of buoys are not listed.</i>							
2345	- Buoy 1					Green can.	
2350	- Buoy 2					Red nun.	
2355	- Buoy 3					Green can.	
2360	- Buoy 4					Red nun.	
2365	- Buoy 5					Green can.	
2370	- Buoy 6					Red nun.	
2375	- Daybeacon 7	33 12 54 N 117 24 11 W				SG on white skeleton tower.	
2380	- Daybeacon 8	33 12 49 N 117 24 07 W				TR on white skeleton tower.	
2381	Scripps Lighted Research Buoy Station 067	33 13 17 N 119 52 55 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
San Onofre							
2383.3	- Unit 2 Intake Buoy					Red nun worded SUBMERGED SUCTION TOWER.	Private aid.
2383.4	- Unit 3 Intake Buoy					Red nun worded SUBMERGED SUCTION TOWER.	Private aid.
SAN PEDRO CHANNEL (CHART 18746)							
Dana Point							
2387	- Lighted Buoy 1	33 27 06 N 117 41 54 W	FI G 2.5s		4	Green.	
2390	- Lighted Buoy 2	33 27 12 N 117 41 17 W	FI R 2.5s			Red.	
2395	- BREAKWATER LIGHT 3	33 27 15 N 117 41 29 W	FI G 4s	32	6	SG on post.	The fog 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 N 117 41 31 W	FI R 4s	28	6	TR on post.	
Dana Point Harbor							
2405	- Daybeacon 6	33 27 24 N 117 41 42 W				TR on pile.	Private aid.
2410	- Daybeacon 8	33 27 24 N 117 41 48 W				TR on pile.	Private aid.
2415	- Daybeacon 10	33 27 30 N 117 41 54 W				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							
2420	- Daybeacon 12	33 27 30 N 117 42 00 W				TR on pile.	Private aid.
2425	- Daybeacon 14	33 27 30 N 117 42 12 W				TR on pile.	Private aid.
2426	<i>Scripps Lighted Research Buoy Station 096</i>	33 27 30 N 117 46 00 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
2430	<i>San Juan Rocks Lighted Whistle Buoy 2SJR</i>	33 27 18 N 117 43 15 W	FI R 2.5s		4	Red.	
NEWPORT BAY (Chart 18754)							
Newport Bay							
2435	<i>Newport Harbor Entrance Lighted Buoy NWP</i>	33 35 06 N 117 52 36 W	Mo (A) W		5	Red and white stripes.	
2440 90	- WEST JETTY LIGHT 3	33 35 17 N 117 52 46 W	FI G 6s	44	6	SG on concrete building.	Reduced intensity from 355° to 110°. The fog 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 N 117 52 38 W	FI R 4s	25	6	TR on pile.	
2450	- CHANNEL LIGHT 5	33 35 56 N 117 52 57 W	FI G 2.5s	12	5	SG on pile.	
2455	- CHANNEL LIGHT 6	33 35 56 N 117 52 50 W	FI R 4s	18	4	TR on pile.	
2460	- CHANNEL LIGHT 8	33 36 05 N 117 53 14 W	FI R 4s	19	5	TR on pile.	
2465	- CHANNEL LIGHT 10	33 36 14 N 117 53 47 W	FI R 2.5s	15	4	TR on pile.	
2470	- CHANNEL LIGHT 11	33 36 28 N 117 54 15 W	FI G 4s	15	5	SG on pile.	
2475	- CHANNEL LIGHT 12	33 36 42 N 117 54 29 W	FI R 2.5s	15	4	TR on post.	
<i>Anchorage buoys maintained from May 15 to Sept. 15.</i>							
2480	- Anchorage Buoy A	33 36 00 N 117 54 18 W				Yellow.	Private aid.
2485	- Anchorage Buoy B	33 36 30 N 117 54 18 W				Yellow.	Private aid.
2490	- Anchorage Buoy C	33 36 36 N 117 54 24 W				Yellow.	Private aid.
2495	- Anchorage Buoy D	33 36 30 N 117 54 30 W				Yellow.	Private aid.
2516	<i>Scripps Lighted Research Buoy Station 172</i>	33 37 22 N 118 00 43 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
2517	<i>Scripps Lighted Research Buoy Station 092</i>	33 37 04 N 118 19 01 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
SAN CLEMENTE ISLAND (Chart 18762)							
2525	CHINA POINT LIGHT	32 48 13 N 118 25 33 W	FI W 2.5s	112	8	NR on pile.	Visible from 260° to 128°, 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							
2530	PYRAMID HEAD LIGHT	32 49 12 N 118 21 12 W	FI W 6s	226	9	NR on post.	Visible from 147° to 095°, partially obscured by hills elsewhere.
2535	PYRAMID COVE ANCHORAGE LIGHT	32 49 59 N 118 22 59 W	FI R 4s	886	4	NR on post.	Visible from 307° to 040°, partially obscured by hills elsewhere.
2536	<i>Scripps Lighted Research Buoy Station 028</i>	33 51 16 N 118 37 59 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
2540	NAVY ANCHORAGE SOUTH END LIGHT	32 58 30 N 118 31 54 W	FI W 2.5s	140	6	NR on post.	Visible from 150° to 320°, partially obscured by hills elsewhere.
Wilson Cove							
2545	- LIGHT	33 00 14 N 118 33 10 W	FI W 4s	125	9	NR on post.	Visible from 155° to 317°, partially obscured by hills elsewhere.
2560	- Fog Signal	33 00 25 N 118 33 27 W					HORN: 1 blast ev 15s (2s bl).
2565	- NORTH END LIGHT	33 01 25 N 118 33 49 W	FI W 6s	60	7	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 N 118 35 46 W	FI W 4s	202	9	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 24 N 119 23 54 W	FI G 4s		4	Green.	
2590	- EAST END LIGHT	33 13 47 N 119 26 07 W	FI W 2.5s	55	6	On post.	Visible from 145° to 005°, partially obscured by hills elsewhere.
SAN NICOLAS ISLAND (Chart 18755)							
2600	<i>Begg Rock Lighted Whistle Buoy 4BR</i>	33 22 00 N 119 41 48 W	FI R 4s		4	Red.	
SANTA CATALINA ISLAND (Chart 18757)							
2605	Santa Catalina Island East End Light	33 18 06 N 118 19 03 W	FI W 6s	212	10	On post.	Visible from 253° to 068°, partially obscured by hills elsewhere.
2606	<i>Pebbly Beach Quarry Lighted Mooring Buoy PB-2</i>	33 19 12 N 118 17 58 W	FI W 4s			White with blue band.	Private aid.
2606.2	<i>Pebbly Beach Quarry Lighted Mooring Buoy PB-6</i>	33 18 47 N 118 17 57 W	FI W 4s			White with blue band.	Private aid.
2608	<i>Abalone Point Bait Barge Lighted Mooring Buoy</i>	33 20 36 N 118 18 54 W	FI W			White with blue band.	Private aid.
2615	AVALON BAY LIGHT 1	33 20 42 N 118 19 19 W	FI G 2.5s	21	5	SG on post.	
2620	AVALON BAY LIGHT 2	33 20 54 N 118 19 26 W	FI R 4s	21	4	TR on post.	
2625	Long Point Light	33 24 22 N 118 21 59 W	FI W 6s	71	10	NR on post.	Obscured from 021° to 070°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
2630	CATALINA HARBOR LIGHT	33 25 24 N 118 30 50 W	FI W 4s	400	7	On post.	Obscured from 104° to 288°. Higher intensity beam on bearing 030°.
2635	SHIP ROCK LIGHT	33 27 47 N 118 29 30 W	FI W 4s	75	6	On steel box.	Ra ref.
2641	- HARBOR REEFS LIGHT	33 26 51 N 118 29 23 W	FI W 2.5s	21	5	NW on post.	
2645	- North Entrance Lighted Buoy 1	33 26 54 N 118 29 36 W	FI G 4s			Green.	
2650	- Northwest Entrance Buoy 2	33 27 42 N 118 30 24 W				Red nun.	
2670	Santa Catalina Island West End Light	33 28 42 N 118 36 20 W	FI W 6s	76	10	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 N 119 01 48 W	FI W 5s	195	10	On post.	Visible from 089° to 353°, partially obscured by hills elsewhere.
SANTA CRUZ CHANNEL (Chart 18728)							
2750	Gull Island Light	33 57 00 N 119 49 32 W	FI W 6s	73	16	On post.	Visible from 265° to 127°, partially obscured by hills elsewhere.
2755	SOUTH POINT LIGHT	33 53 50 N 120 07 08 W	FI W 6s	530	8	Small white house.	Visible from 272° to 115°, partially obscured by hills elsewhere.

Section 3

California

San Pedro Bay to San Francisco Bay Entrance

(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							
Buoys in the inner harbor are set to best mark the harbor and are not charted.							
2770	- Entrance Lighted Bell Buoy 1 50 feet outside channel limit.	33 43 00 N 118 06 42 W	FI G 4s		4	Green.	
2775	- Entrance Lighted Whistle Buoy 2 50 feet outside channel limit.	33 43 00 N 118 06 36 W	Q R		3	Red.	
2780	- RANGE FRONT LIGHT	33 44 12 N 118 05 32 W	Q G	45		KRW on skeleton tower.	Visible 4° each side of rangeline. Light operates continuously.
2785	- RANGE REAR LIGHT 200 yards, 036.8° from front light.	33 44 17 N 118 05 27 W	Iso G 6s	57		KRW on skeleton tower.	Visible 4° each side of rangeline. Light operates continuously.
2790	- Entrance Buoy 3 50 feet outside channel limit.					Green can.	
2795	- Entrance Buoy 4 50 feet outside channel limit.					Red nun.	
2800	- WEST JETTY LIGHT 5	33 43 39 N 118 06 06 W	FI G 2.5s	31	4	SG on post.	The fog 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 N 118 06 00 W	FI R 2.5s	27	4	TR on post.	
2810	- Channel Buoy 7					Green can.	
2815	- Channel Buoy 8					Red nun.	
2820	- Channel Daybeacon 9	33 44 06 N 118 05 42 W				SG on dolphin.	
2825	- CHANNEL LIGHT 10	33 44 03 N 118 05 37 W	FI R 4s	15	4	TR on dolphin.	
2826	- CHANNEL LIGHT 11	33 44 02 N 118 05 33 W	FI G 2.5s	19	4	SG on pile.	
2827	- Channel Buoy 13					Green can.	
2828	- Channel Buoy 15	33 43 56 N 118 05 20 W				Green can.	
2829	- Channel Buoy 17					Green can.	
Alamitos Bay							
2830	- EAST JETTY LIGHT 2	33 44 11 N 118 07 13 W	FI R 2.5s	25	5	TR on concrete pyramid.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
2835	- WEST JETTY LIGHT 1	33 44 14 N 118 07 19 W	FI G 2.5s	16	4	SG on post.	The fog signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. BELL: 1 stroke ev 15s.
2840	- CHANNEL LIGHT 3	33 44 43 N 118 06 59 W	FI G 2.5s	16	5	SG on post.	
2841	- BASIN 1 LIGHT 1	33 45 00 N 118 06 54 W	F G	20		On post.	Private aid.
2842	- BASIN 1 LIGHT 2	33 45 00 N 118 06 54 W	F R	20		On post.	Private aid.
2843	ALAMITOS BAY BAFFLE LIGHT A	33 45 06 N 118 06 48 W	F W			On post.	Private aid.
2844	ALAMITOS BAY BAFFLE LIGHT B	33 45 12 N 118 06 48 W	F W			On post.	Private aid.
2844.5	-Lighted Mooring Buoy	33 44 12 N 118 07 05 W	FI W 3s			White spherical buoy with blue band.	Private aid.
2844.9	61st PLACE SEAWALL LIGHT	33 45 00 N 118 07 18 W	FI Y 4s	15		On post.	Private aid.
Long Beach Harbor							
2845	LONG BEACH BREAKWATER EAST END LIGHT 1	33 43 23 N 118 08 13 W	FI G 6s	43	5	SG on skeleton tower.	HORN: 1 blast ev 15s (2s bl).
2846	Long Beach Harbor Breakwater West SoCalBait LMB	33 43 33 N 118 08 46 W	FI W 3s			White spherical buoy with blue band.	Private aid.
2847	Long Beach Harbor Breakwater East SoCalBait LMB	33 43 36 N 118 08 03 W	FI W 3s			White spherical buoy with blue band.	Private aid.
2847.1	Long Beach Harbor Mid SoCalBait LMB	33 43 50 N 118 09 36 W	FI W 3s			White spherical buoy with blue band.	Private aid.
2848	Long Beach Harbor Bait Barge LMB PL	33 43 48 N 118 08 12 W	FI W 4s			White with blue band.	Private aid.
2849	BELMONT PIER EAST LIGHT A	33 45 18 N 118 09 00 W	FI W 4s	30		On post.	Private aid.
2850	Belmont Pier Fog Signal	33 45 18 N 118 09 00 W					Private aid. HORN: 1 blast ev 20s (2s bl).
2851	BELMONT PIER WEST LIGHT B		FI W 4s	30		On post.	Private aid.
2856	- Lighted Mooring Buoy CR-1	33 44 32 N 118 09 02 W	Q W			White with blue band.	Private aid.
2861	- Long Beach Harbor Lighted Mooring Buoy CR-2	33 44 25 N 118 09 21 W	Q W			White with blue band.	Private aid.
2866	- Long Beach Harbor Lighted Mooring Buoy CR-3	33 44 23 N 118 08 48 W	FI W 2s			White with blue band.	Private aid.
2867	- Long Beach Harbor Lighted Mooring Buoy CR-4	33 44 42 N 118 09 29 W	FI W 2s			White with blue band.	Private aid.
2867.2	- Long Beach Harbor Lighted Mooring Buoy CR5	33 44 48 N 118 09 53 W	FI W 2s			White with blue band.	Private aid.
2870.1	- LB HARBOR SAUSE BROS MB "SB"	33 44 50 N 118 10 01 W	FI W 2s			12' diameter disk with Tripod.	Private aid.
2871	- Lighted Mooring Buoy	33 44 54 N 118 10 09 W	FI 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							
2872	- Long Beach Harbor Lighted Mooring Buoy PT	33 44 55 N 118 10 17 W	FI W 4s			White with blue band.	Private aid.
LOS ANGELES AND LONG BEACH HARBORS (Chart 18751)							
Long Beach Harbor							
Downtown Marina							
2885	- JETTY LIGHT	33 45 38 N 118 10 51 W	Q W			On steel post. 10	Private aid.
2890	- BREAKWATER LIGHT EAST	33 45 27 N 118 10 55 W	FI G 4s			On post. 4	Private aid. HORN: 1 blast ev 20s (2s bl).
2895	- BREAKWATER LIGHT WEST	33 45 24 N 118 11 00 W	FI R 4s			On post. 4	Private aid.
2900	- ENTRANCE LIGHT EAST	33 45 31 N 118 10 58 W	Q R			On steel post. 10	Private aid.
2905	- ENTRANCE LIGHT WEST	33 45 29 N 118 11 01 W	FI G 4s			On post. 10	Private aid.
2910	- MOLE LIGHT	33 45 29 N 118 11 28 W	FI W 4s			On post. 10	Private aid.
Long Beach Harbor							
2915	SHORELINE MARINA ENTRANCE LIGHT EAST	33 45 35 N 118 11 33 W	F R			On post. 10	Private aid.
2920	SHORELINE MARINA ENTRANCE LIGHT WEST	33 45 35 N 118 11 37 W	F G			On post. 10	Private aid.
2925	PARKER LIGHTHOUSE LIGHT	38 45 36 N 118 11 30 W	FI W 10s	71		On blue and white building.	Private aid.
2960	CATALINA LANDING EAST LIGHT	33 45 41 N 118 11 58 W	FI R 6s	31		On post.	Private aid.
2965	CATALINA LANDING WEST LIGHT	33 45 42 N 118 12 00 W	F G	27		On post.	Private aid.
2980	QUEEN MARY CRUISE TERMINAL LIGHT S	33 44 59 N 118 11 14 W	FI W 4s	20		On pile.	Private aid.
2985	Queen Mary Cruise Terminal Light N	33 45 11 N 118 11 14 W	Q W	20		On post.	Private aid.
3006	PIER J LIGHT J	33 44 00 N 118 11 06 W	FI W 4s	30	5	NR on radar tower.	
3007	- Pier J Channel Lighted Buoy 2	33 44 24 N 118 10 36 W	FI R 4s		4	Red.	
3008	- PIER J BREAKWATER LIGHT 3	33 44 11 N 118 10 55 W	FI G 2.5s	25	5	SG on pole.	
3009	- PIER J BREAKWATER LIGHT 4	33 44 17 N 118 10 56 W	FI R 2.5s	25	5	TR on pole.	
3009.1	- PIER J BREAKWATER FRONT RANGE LIGHT	33 44 14 N 118 11 42 W	Iso G 6s	59		On building.	Lighted throughout 24 hours. Private aid.
3009.2	- PIER J BREAKWATER REAR RANGE LIGHT 270°T, 140 yards from front light.		Iso G 6s	74		On building.	Lighted throughout 24 hours. Private aid.
Long Beach Channel							
3010	- Approach Lighted Whistle Buoy LB	33 41 24 N 118 11 00 W	Mo (A) W		7	Red and white stripes.	RACON: C(---•).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
3012 125	Long Beach Light	33 43 23 N 118 11 12 W	FI W 5s	50	20	SG on white rectangular tower on building on 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 N 118 10 50 W	FI R 2.5s	41	5	TR on white skeleton tower.	
3016	- RANGE FRONT LIGHT	33 44 05 N 118 11 05 W	Q R	27		KRW on pile.	Visible 1.5° each side of the rangeline. Lighted throughout 24 hours.
3017	- RANGE REAR LIGHT 580 yards, 355° from front light.	33 44 22 N 118 11 07 W	Iso R 6s	56		KRW on pile.	Visible 1.5° each side of rangeline. Lighted throughout 24 hours.
3020	- <i>Lighted Buoy 3</i>	33 43 36 N 118 11 33 W	FI G 4s		4	Green.	
3021	- LIGHT 4	33 43 58 N 118 11 44 W	FI R 4s	30	6	TR on post.	
3022	- LIGHT 6	33 44 11 N 118 12 08 W	FI R 6s	30	5	TR on post.	
3023	- LIGHT 8	33 44 19 N 118 12 17 W	FI R 2.5s	26	5	TR on post.	
3024	- PIER F LIGHT F	33 44 25 N 118 12 24 W	Iso W 6s	26	9	NR on post.	
3026	- LIGHT 9	33 44 40 N 118 13 03 W	FI G 2.5s	26	5	SG on post.	Higher intensity beam up and down channel.
3027	- LIGHT 10	33 44 47 N 118 12 55 W	FI R 2.5s	20	5	TR on post.	Higher intensity beam up and down channel. HORN: 1 blast ev 15s (2s bl).
3028	- FIREBOAT PIER LIGHT	33 44 51 N 118 12 57 W	F W	15		On pile.	Private aid.
3035	- LIGHT 12	33 45 26 N 118 12 58 W	FI R 2.5s	20	6	TR on post.	
3040	SOUTHEAST BASIN ENTRANCE LIGHT 1	33 44 26 N 118 12 22 W	Q G	14	5	SG on post.	
3045	SOUTHEAST BASIN LIGHT 3	33 44 38 N 118 11 56 W	FI G 2.5s	14	5	SG on post.	
3050	- SOUTH DIRECTIONAL LIGHT	33 44 59 N 118 12 48 W	F W	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 (156.5T - 156.0T) Fixed red light when left on outbound channel (154.0T - 156.0T); Flashing Red light when left on outbound channel (154.0T - 154.5T). Alternating green/white light when right of outbound channel (156.5T - 157.0T), Fixed Green light when right of outbound channel (157.0T - 158.5T), Flashing Green light when right of outbound channel (158.5T - 159.0T). Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
3055	- NORTH DIRECTIONAL LIGHT	33 46 20 N 118 13 30 W	F W	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 (336.5T - 337.5T) Fixed red light when right on inbound channel (337.5T - 338.5T); Flashing Red light when right of inbound channel (338.5T 339.0T). Alternating green/white left when right of inbound channel (335.5T 336.5T), Fixed Green light when left of inbound channel (334.5T 335.5T), Flashing Green light when left of inbound channel (334.0T 334.5T). Private aid.
3085	LONG BEACH INNER HARBOR INTAKE STRUCTURE SOUTH LIGHT	33 46 00 N 118 13 18 W	Q G	7		On deck of pier.	Private aid.
3090	LONG BEACH INNER HARBOR INTAKE STRUCTURE NORTH LIGHT		Q G	7		On deck of pier.	Private aid.
3095	- Outfall Buoy	33 45 54 N 118 13 18 W				White with orange bands and orange diamond worded DISCHARGE STRUCTURE.	Private aid.
Los Angeles Harbor							
3096	- Lighted Mooring Buoy LA-1	33 43 51 N 118 14 03 W	FI W 4s			White with blue band.	Private aid.
3097	- Lighted Mooring Buoy LA-2	33 43 58 N 118 14 06 W	FI W 4s			White with blue band.	Private aid.
3098	- Lighted Mooring Buoy LA-3	33 44 05 N 118 14 09 W	FI W 4s			White with blue band.	Private aid.
3099	- Lighted Mooring Buoy LA-4	33 44 12 N 118 14 12 W	FI W 4s			White with blue band.	Private aid.
3100	- Lighted Mooring Buoy LA-5	33 44 19 N 118 14 15 W	FI W 4s			White with blue band.	Private aid.
Los Angeles Approach Channel							
3105	- Lighted Buoy 1	33 39 25 N 118 13 33 W	FI G 2.5s		4	Green.	
3106	- Lighted Buoy 2	33 40 24 N 118 13 44 W	FI R 2.5s		4	Red.	
3107	- Lighted Whistle Buoy 3	33 41 16 N 118 14 24 W	Q G		6	Green.	RACON: O (— — —).
3108	- Los Angeles Approach Channel Lighted Buoy 5	33 41 50 N 118 14 40 W	FI G 2.5s		4	Green.	
3109	- Lighted Buoy 6	33 41 55 N 118 14 27 W	FI R 4s		4	Red.	
3110 135	Los Angeles Light	33 42 30 N 118 15 05 W	FI G 15s	73	18	White cylindrical tower on concrete block. 69	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	- LIGHT 8	33 42 38 N 118 14 40 W	FI R 2.5s	42	4	TR on white skeleton tower on white concrete house.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
3117	- Lighted Buoy 11	33 42 50 N 118 15 44 W	FI G 2.5s			Green.	
3118	- Lighted Buoy 10	33 42 56 N 118 15 29 W	Q R			Red.	
3122	- RANGE FRONT LIGHT	33 43 09 N 118 16 17 W	F Y	45		On skeleton tower.	Lighted throughout 24 hours.
3123	- RANGE REAR LIGHT 92 yards, 296° from front light.	33 43 10 N 118 16 20 W	Iso Y 6s	60		On skeleton tower.	On skeleton tower. Lighted throughout 24 hours.
3127	PIER 400 LIGHT E	33 42 57 N 118 14 46 W	FI W 4s	35			
3127.1	PIER 400 LIGHT A	33 43 10 N 118 14 02 W	FI W 2.5s	15	5	NW on post.	
3127.2	PIER 400 LIGHT B	33 43 05 N 118 14 19 W	FI W 4s	15	5	NW on post.	
3127.3	PIER 400 LIGHT C	33 43 07 N 118 14 23 W	FI W 2.5s	15	5	NW on post.	
3128	PIER 400 LIGHT S	33 42 57 N 118 14 45 W	FI W 6s	45			
3129	PIER 400 LIGHT T	33 42 58 N 118 15 04 W	Oc W 4s	50	10		
Terminal Island Channel							
3132	- Lighted Buoy 1	33 43 18 N 118 15 48 W	FI G 4s			Green.	
3134	- Lighted Buoy 3	33 43 24 N 118 15 48 W	FI G 2.5s			Green.	
3138	- Lighted Buoy 5	33 43 46 N 118 15 56 W	Q G			Green.	
Los Angeles Main Channel							
3145	- LIGHT 12	33 43 18 N 118 16 03 W	FI R 2.5s	20	4	TR on post.	HORN: 1 blast ev 15s (2s bl).
3150	- Berth 239 Pier End Light	33 43 56 N 118 16 20 W	F R	10		Red iron post on concrete pier.	Private aid.
3162.1	LONG BEACH FIREBOAT PIER D LIGHT A	33 45 54 N 118 13 12 W	F W	13		On pile.	Private aid.
3162.2	LONG BEACH FIREBOAT PIER D LIGHT B	33 45 54 N 118 13 12 W	F W	13		On pile.	Private aid.
Los Angeles East Basin Channel							
3165	- LIGHT 1	33 45 10 N 118 16 02 W	FI G 4s	34	6	SG on dolphin.	HORN: 1 blast ev 30s (3s bl).
3170	- LIGHT 2	33 45 57 N 118 15 11 W	FI R 4s	15	5	TR on pile.	
3175	- Buoy 4	33 46 18 N 118 14 54 W				Red nun.	
Cerritos Channel							
3180	- Lighted Buoy 1	33 45 48 N 118 15 06 W	FI G 4s		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 Outer Harbor							
3185	- LIGHT A	33 42 38 N 118 15 24 W	FI W 2.5s	15	5	NW on steel post.	
3186	- LIGHT B	33 42 46 N 118 15 48 W	FI W 4s	15	6	NW on steel post.	
3187	- LIGHT C	33 42 42 N 118 15 56 W	FI W 2.5s	15	5	NW on steel post.	
3187.1	- LIGHT D	33 42 34 N 118 16 11 W	Oc W 3s	15	4		Private aid.
3188	- LIGHT E	33 42 32 N 118 16 18 W	FI W 4s	15	6	NW on steel post.	
3221	Reservation Point Restricted Navigation Area North Buoy	33 43 48 N 118 16 00 W				White can with orange bands.	
3222	Reservation Point Restricted Navigation Area Middle Buoy					White can with orange bands.	
3223	Reservation Point Restricted Navigation Area South Buoy					White can with orange bands.	
Fish Harbor							
3224	Pier 300 Berth 301 Pier End Light	33 43 49 N 118 15 52 W	F W	16		On post.	Private aid.
3225	- CHANNEL LIGHT 1	33 43 48 N 118 15 56 W	FI G 2.5s	25	4	SG on post.	
3230	- CHANNEL LIGHT 2	33 43 51 N 118 15 53 W	FI R 4s	25	4	TR on post.	
3250	- CHANNEL LIGHT 4	33 44 02 N 118 16 00 W	FI R 2.5s	15	4	TR on post.	
3255	- CHANNEL LIGHT 3	33 43 51 N 118 15 53 W	FI G 4s	15	4	SG on pile.	
San Pedro West Channel							
3270	- Buoy 1	33 42 36 N 118 16 24 W				Green can.	
3275	- <i>Lighted Buoy 3</i>	33 42 48 N 118 16 30 W	FI G 4s		4	Green.	
3279	- LIGHT 4	33 42 49 N 118 16 24 W	FI R 4s	33	5	TR on post.	
3290	CABRILLO BEACH LAUNCH RAMP LIGHT NORTH	33 42 49 N 118 16 58 W	FI W 4s	11		On post.	Private aid.
3295	CABRILLO BEACH LAUNCH RAMP LIGHT SOUTH	33 42 48 N 118 16 54 W	FI W 4s	15		On post.	Private aid.
3300	- <i>Lighted Buoy 5</i>	33 42 48 N 118 16 42 W	FI G 4s		4	Green.	
3301	- <i>No Wake Lighted Buoy</i>	33 42 54 N 118 16 42 W	FI W 4s			White with orange bands and orange square worded NO WAKE.	Private aid.
3305	LOS ANGELES MARINA LIGHT	33 42 57 N 118 16 42 W	FI W 4s	24		On post.	Private aid.
3320	- LIGHT	33 50 54 N 118 23 42 W	FI W 10s	165		On generating station. 145	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)							
3325	Redondo Harbor Entrance Lighted Bell Buoy RB	33 50 18 N 118 23 48 W	Mo (A) W		5	Red and white stripes.	
3330	REDONDO BEACH WEST JETTY LIGHT 3	33 50 27 N 118 23 43 W	FI G 4s	35	4	SG on column.	
3335	REDONDO BEACH EAST JETTY LIGHT 2	33 50 30 N 118 23 38 W	FI R 4s	20	6	On post.	The fog signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. HORN: 1 blast ev 10s (1s bl).
King Harbor							
3337	- Channel Buoy 1					Green can.	Private aid.
3338	- Channel Buoy 2					Red nun.	Private aid.
3339.1	- Discharge Obstruction Buoy	33 50 30 N 118 23 36 W				White with orange bands and orange diamond.	Private aid.
3340	MOLE C LIGHT		FR	17		On post.	Private aid.
3342	- Channel Buoy 3					Green can.	Private aid.
3343	- Channel Buoy 4					Red nun.	Private aid.
3345	KING HARBOR BASIN 2 LIGHT 1		FG			On post.	Private aid.
3350	KING HARBOR BASIN 2 LIGHT 2		FR			On post.	Private aid.
3352	- Channel Buoy 5					Green can.	Private aid.
3353	- Channel Buoy 6					Red nun.	Private aid.
3355	- BASIN 1 LIGHT 1		FG	17		On post.	Private aid.
3360	- BASIN 1 LIGHT 2		FR			On post.	Private aid.
3362	- Channel Buoy 7					Green can.	Private aid.
3363	- Channel Buoy 8					Red nun.	Private aid.
3365	- Intake Obstruction Buoy	33 50 42 N 118 23 54 W				White with orange band; can.	Private aid.
3370	- Intake Obstruction Buoy					White with orange band; can.	Private aid.
3375	Hermosa Beach Pier Fog Signal	33 51 42 N 118 24 18 W					Private aid. HORN: 1 blast ev 15s (2s bl).
El Segundo							
3380	- Lighted Bell Buoy 2ES	33 54 42 N 118 27 30 W	FI R 4s			Red.	Private aid.
3390	- Buoy 4ES	33 54 24 N 118 26 00 W				Red nun worded DANGER BELOW.	Private aid.
3395	- Danger Buoy South	33 54 30 N 118 25 54 W				White with orange bands and orange diamond worded DANGER.	Private aid.
3400	- Buoy 6ES	33 54 30 N 118 26 06 W				Red nun worded DANGER BELOW.	Private aid.
3405	- Danger Buoy North	33 54 30 N 118 26 00 W				White with orange bands and orange diamond worded DANGER.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
3410	Scattergood Intake Buoy 8ES	33 54 59 N 118 26 11 W				Red nun.	Private aid.
3415	- LIGHT ES	33 54 36 N 118 25 46 W	FI W 2.5s	24		NR on pile.	Private aid.
3416	- Danger Buoy East	33 54 36 N 118 25 48 W				White with orange bands and orange diamond worded DANGER SUBMERGED ROCKS.	Private aid.
3420	- <i>Lighted Gong Buoy 10ES</i>	33 55 13 N 118 26 30 W	Q R			Red.	Private aid.
Hyperion							
3425	- Outfall Obstruction Buoy 12ES	33 55 06 N 118 26 54 W				Red nun.	Private aid.
Marina del Rey							
3445	- BREAKWATER SOUTH LIGHT 1	33 57 30 N 118 27 37 W	FI G 6s	30	5	SG on post.	
3450	- BREAKWATER NORTH LIGHT 2	33 57 48 N 118 27 51 W	FI R 6s	23	4	TR on post.	
3455	- LIGHT 3	33 57 46 N 118 27 42 W	FI G 4s	45	6	SG on white building.	Obscured 151° to 331°. The fog 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).
3457	- LIGHT 3A	33 58 12 N 118 27 00 W	F G	13		SG on pile.	Private aid.
3460	- LIGHT 4	33 57 37 N 118 27 36 W	FI R 4s	45	5	TR on skeleton tower.	
3465	- PIER LIGHT	33 58 12 N 118 26 48 W	FI R 4s	15	7	NR on post.	
3470	- LIGHT 5	33 58 18 N 118 27 00 W	F G	3		On pile.	Private aid.
3472	- LIGHT 6		F R	3		On pile.	Private aid.
3485	- LIGHT 10		F W	3		On pile.	Private aid.
3492	- LIGHT 12		F R	3		On pile.	Private aid.
3500	- LIGHT 14	33 58 42 N 118 26 42 W	F W			On pile.	Private aid.
3505	- LIGHT 15		F W	3		On pile.	Private aid.
3510	- LIGHT 16		F R	3		On pile.	Private aid.
3515	- LIGHT 17		F G	3		On pile.	Private aid.
3520	- LIGHT 19		F W	3		On pile.	Private aid.
3525	- LIGHT 20		F R	3		On pile.	Private aid.
3530	- LIGHT 21		F G	3		On pile.	Private aid.
Santa Monica							
3550	- <i>Entrance Lighted Bell Buoy 1</i>	34 00 12 N 118 30 12 W	FI G 4s		4	Green.	
3555	- Pier Fog Signal	34 00 30 N 118 29 48 W					Private aid. HORN: 1 blast ev 20s (2s bl).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
3560	- Breakwater South End Danger Reef Buoy	34 00 20 N 118 30 02 W				White with orange bands and orange diamond worded REEF.	Private aid.
3565	- Breakwater North End Danger Reef Buoy	34 00 36 N 118 30 21 W				White with orange bands and orange diamond worded REEF.	Private aid.
3575	- East Cable Area Buoy	34 01 24 N 118 32 18 W				Orange and white bands; spar worded SUBMARINE CABLE.	Private aid.
3580	- West Cable Area Buoy					Orange and white bands; spar worded SUBMARINE CABLE.	Private aid.
PORT HUENEME TO SANTA BARBARA (Chart 18725)							
3584	Scripps Wave Measurement Station 141	34 06 00 N 119 10 02 W	FI (5) Y 20s			Yellow Sphere with whip antenna.	Private aid.
Port Hueneme							
3585 190	- Light	34 08 42 N 119 12 35 W	FI (5) W 30s 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 4.9s ec. 0.1s fl 9.9s ec.	52	20	White square tower on building.	Obscured from 296° to 155°. The fog signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. HORN: 1 blast ev 30s (3s bl). On point 251° from light.
3590	Ormond Beach Buoy OB2	34 07 22 N 119 10 32 W				Red nun.	Private aid.
3591	Ormond Beach Discharge Buoy	34 04 26 N 119 10 27 W				White with orange bands; triangular shaped.	Private aid.
3595	- Entrance Lighted Whistle Buoy PH	34 08 18 N 119 13 00 W	Mo (A) W		6	Red and white stripes.	
3600	- EAST JETTY LIGHT 4	34 08 35 N 119 12 42 W	FI R 2.5s	27	5	TR on post.	
3605	- RANGE FRONT LIGHT	34 09 08 N 119 12 20 W	Q R	61		KRW on pile.	Higher intensity on range line. Lighted throughout 24 hours.
3610	- RANGE REAR LIGHT 245 yards, 037° from front light.	34 09 13 N 119 12 15 W	Iso R 6s	86		KRW on pile.	Higher intensity on range line. Lighted throughout 24 hours.
3615	- WEST JETTY LIGHT 3	34 08 38 N 119 12 58 W	FI G 2.5s	42	6	SG on post.	
3620	- Channel Lighted Buoy 5	34 08 42 N 119 12 42 W	FI G 4s		4	Green.	
3625	- Channel Lighted Buoy 6	34 08 42 N 119 12 42 W	FI R 4s		4	Red.	
Channel Islands Harbor							
3630	- BREAKWATER SOUTH LIGHT 1	34 09 16 N 119 13 49 W	FI G 6s	54	6	SG on square platform on white column.	
3635	- BREAKWATER NORTH LIGHT	34 09 35 N 119 14 03 W	FI W 4s	35	6	NR on square platform on white column.	
3640	- SOUTH JETTY LIGHT 2	34 09 22 N 119 13 39 W	FI R 2.5s	35	3	Rectangular concrete.	HORN: 1 blast ev 15s (1s bl). The fog signal can be activated upon request to the Coast Guard via VHF-FM Ch 16.
3645	- NORTH JETTY LIGHT 3	34 09 26 N 119 13 42 W	FI G 4s	35	6	SG on square platform on white column.	
3650	- SOUTH JETTY LIGHT 4	34 09 28 N 119 13 27 W	FI R 4s	39	5	TR on post.	Obscured from 230° to 060°.
3655	- NORTH JETTY LIGHT 5	34 09 34 N 119 14 03 W	FI G 4s	39	5	SG on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
3656	Scripps Waverider Station 111	34 10 13 N 119 26 09 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
Ventura Marina							
<i>Buoys inside the harbor are set to best mark the channel and are not charted.</i>							
3675	Ventura Entrance Lighted Whistle Buoy 2V	34 14 24 N 119 16 42 W	FI R 2.5s		4	Red.	
3685	- BREAKWATER SOUTH LIGHT 3	34 14 44 N 119 16 23 W	FI G 2.5s	26	5	SG on post.	
3695	- North Jetty Daybeacon	34 14 52 N 119 16 20 W				NW on concrete pile.	
3700	VENTURA MARINA SOUTH JETTY LIGHT 6	34 14 45 N 119 16 01 W	FI R 4s	26	6	TR on pole.	The fog 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 N 119 16 16 W	FI G 4s	26	4	SG on pole.	
3715	- Channel Buoy 8					Red nun.	
3720	- Channel Buoy 9	34 14 52 N 119 16 09 W				Green can.	
3725	- Channel Buoy 10					Red nun.	
3727	- Channel Buoy 11					Green can.	Private aid.
3730	- Channel Buoy 12					Red nun.	Private aid.
3732	- Channel Buoy P					Green and red bands.	Private aid.
3737	Scripps Lighted Research Buoy Station 107	34 19 59 N 119 48 11 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
Santa Barbara Channel							
3740	RINCON ISLAND LIGHT	34 20 48 N 119 26 42 W	FI W 5s	46		On skeleton tower.	Private aid. HORN: 1 blast ev 15s (2s bl).
Santa Barbara Harbor							
3750	- BREAKWATER LIGHT	34 24 17 N 119 41 16 W	FI W 2.5s	35	9	NG on white column.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si).
3755	- Lighted Bell Buoy SB	34 24 06 N 119 40 48 W	Mo (A) W		5	Red and white stripes.	
3760	- Lighted Buoy 3	34 24 18 N 119 41 00 W	FI G 2.5s		4	Green.	
3765	- LIGHT 4	34 24 28 N 119 41 06 W	FI R 6s	25	7	On post.	
3767	- BREAKWATER EXTENSION LIGHT	34 24 27 N 119 41 16 W	FI W 4s	20	6	On post.	
3770	- Lighted Buoy 5	34 24 27 N 119 41 11 W	FI G 4s		3	Green can.	
3772	- Lighted Buoy 6	34 24 30 N 119 41 06 W	FI R 2.5s		3	Red.	
3775	- Lighted Buoy 7	34 24 30 N 119 41 13 W	Q G		3	Green.	
3780	- Lighted Buoy 8	34 24 32 N 119 41 13 W	FI R 6s		3	Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
3785	- Lighted Buoy 11	34 24 31 N 119 41 16 W	FI R 6s		3	Green can.	
3790	- Lighted Buoy 10	34 24 32 N 119 41 16 W	FI R 4s		3	Red.	
3792	- Lighted Buoy 12	34 24 31 N 119 41 20 W	FI R 2.5s		3	Red nun.	
3795	- LIGHT 14	34 24 25 N 119 41 27 W	Q R	15	4	TR on post.	
3796	Scripps Lighted Research Buoy Station 071	34 27 28 N 120 46 49 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
SANTA CRUZ ISLAND TO PURISMA POINT (Chart 18721)							
3807	Cojo Mooring Buoy B	34 26 48 N 120 26 19 W				White with blue band.	Private aid.
3808	Cojo Mooring Buoy C	34 26 47 N 120 26 06 W				White with blue band.	Private aid.
ESTERO BAY (Chart 18703)							
3815	Point San Luis Lighted Whistle Buoy 3	35 09 14 N 120 44 56 W	FI G 4s		4	Green.	
3820	San Luis Obispo Buoy 2	35 09 24 N 120 43 54 W				Red nun.	
Port San Luis							
3820.1	- Channel Lighted Buoy 4	35 09 38 N 120 44 48 W	FI R 2.5s			Red.	Private aid.
3820.2	- Channel Lighted Buoy 5	35 09 37 N 120 44 51 W	FI G 4s			Green.	Private aid.
3820.3	- Channel Buoy 6	35 09 44 N 120 44 53 W				Red nun.	Private aid.
3820.4	- Channel Buoy 7	35 09 43 N 120 44 56 W				Green can.	Private aid.
3820.5	- Channel Buoy 8	35 09 50 N 120 44 59 W				Red nun.	Private aid.
3820.6	- Channel Buoy 9					Green can.	Private aid.
3820.7	- Channel Buoy 10	35 09 56 N 120 45 04 W				Red nun.	Private aid.
3820.8	- Channel Buoy 11	35 09 54 N 120 45 07 W				Green can.	Private aid.
3820.9	- Channel Buoy 12	35 10 02 N 120 45 09 W				Red nun.	Private aid.
3821	- Channel Buoy 13					Green can.	Private aid.
3832	AVILA BEACH CAL POLY PIER LIGHT	35 10 11 N 120 44 28 W	F W	24		On post.	Private aid.
3833	Scripps Waverider Station 076	35 12 14 N 120 51 34 W	FI (5) Y 20s			Yellow sphere with whip antenna.	Private aid.
3835 240	Morro Bay West Breakwater Light	35 21 46 N 120 52 11 W	FI W 4s	36	12	White column.	Obscured from 176° to 207°. HORN: 1 blast ev 30s (3s bl). Operates continuously.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
Morro Bay Channel							
<i>Buoys inside the harbor are set to best mark the channel and are not charted.</i>							
3840	Morro Bay Approach Lighted Whistle Buoy MB	35 21 36 N 120 52 50 W	Mo (A) W		5	Red and white stripes.	
3850	Morro Bay Channel Lighted Buoy 3	35 21 46 N 120 52 09 W	FI G 2.5s		G 3	Green.	
3855	- Lighted Buoy 4	35 21 45 N 120 52 02 W	FI R 2.5s		3	Red.	
3856	- Lighted Buoy 4A	35 21 56 N 120 51 57 W	FI R 2.5s		3	Red.	
3860	- Lighted Buoy 5		FI G 4s		3	Green.	
3865	- Lighted Buoy 6	35 22 05 N 120 51 50 W	FI R 6s		4	Red.	
3870	- Lighted Buoy 7		FI G 4s		4	Green.	
3875	- Lighted Buoy 8		FI R 2.5s		3	Red.	
3877	Morro Bay Rough Bar Warning Light	35 22 15 N 120 51 32 W	Q Y (2)			NW on pier worded ROUGH BAR. Lights extinguished for lesser sea conditions, but with no guarantee that bar is safe.	Lights flash when seas state creates hazardous conditions at the bar.
3880	Morro Bay Channel Buoy 10	35 22 09 N 120 51 26 W				Red nun.	
3885	- Daybeacon 12	35 21 59 N 120 51 17 W				TR on pile.	
3890	- Daybeacon 14	35 21 45 N 120 51 12 W				TR on pile.	
3895	- Daybeacon 16	35 21 29 N 120 51 07 W				TR on pile.	
3900	- Daybeacon 17	35 21 17 N 120 50 55 W				SG on pile.	
3905	- Daybeacon 18	35 21 16 N 120 20 57 W				TR on pile.	
3910	- Daybeacon 20	23 51 05 N 120 50 47 W				TR on pile.	
3915	Morro Creek Outfall Buoy A	35 23 12 N 120 52 30 W				White spar with orange bands.	Private aid.
3920	Morro Creek Outfall Buoy B					White spar with orange bands.	Private aid.
Estero Bay							
3925	Morro Creek Tanker Unlighted Buoy	35 22 54 N 120 52 34 W				Yellow nun.	Private aid.
3930 250	Estero Bay Gong Buoy 18	35 23 03 N 120 53 13 W				Red.	
3955	Mouse Rock Bell Buoy 3MR	35 26 18 N 120 54 30 W				Green.	
3960	Constantine Rock Buoy 1CR	35 26 12 N 120 56 42 W				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)							
Monterey							
3965	- Bay Lighted Bell Buoy 4	36 37 30 N 121 53 48 W	FI R 4s		4	Red.	
3966	Monterey Bay Aquarium Intake Lighted Buoy	36 37 12 N 121 54 00 W	FI W 4s			White with orange bands and orange diamond.	Private aid.
3967	Monterey Bay Aquarium Lighted Buoy	36 37 17 N 121 53 55 W	FI W 6s			White with orange bands and orange diamond worded UNDERWATER OBSTRUCTION.	Private aid.
3970	- HARBOR LIGHT 6	36 36 31 N 121 53 23 W	Oc R 4s	20	6	TR on pile.	HORN: 1 blast ev 30s (3s bl). From sunset to sunrise and at reduced visibility.
Monterey Harbor							
3972.1	Monterey Harbor Junction Lighted Buoy A	36 36 28 N 121 53 20 W	FI (2+1) R 6s			Red and green bands.	Private aid.
3972.2	Monterey Harbor North Channel Lighted Buoy 1	36 36 30 N 121 53 25 W	FI G 4s			Green can.	Private aid.
3972.3	Monterey Harbor North Channel Lighted Buoy 3	36 36 31 N 121 53 32 W	FI G 6s			Green can.	Private aid.
3973.1	Monterey Harbor Main Channel Lighted Buoy 2	36 36 25 N 121 53 22 W	FI R 4s			Red nun.	Private aid.
3973.2	Monterey Harbor Main Channel Lighted Buoy 3	36 36 24 N 121 53 20 W	FI G 4s			Green can.	Private aid.
3973.3	Monterey Harbor Main Channel Lighted Buoy 4	36 36 21 N 121 53 26 W	FI R 6s			Red nun.	Private aid.
3973.4	Monterey Harbor Main Channel Lighted Buoy 5	36 36 20 N 121 53 26 W	FI G 4s			Green can.	Private aid.
3973.5	Monterey Harbor Main Channel Lighted Buoy 6	36 36 19 N 121 53 28 W	FI R 4s			Red nun.	Private aid.
3973.6	MONTEREY HARBOR MAIN CHANNEL LIGHT 7	36 36 17 N 121 53 30 W	FI G 6s			On corner of Breakwater.	Private aid.
3975.1	MONTEREY HARBOR MOORING AREA LB "W"	36 36 20 N 121 53 18 W	FI Y 4s			Yellow can.	Private aid.
3975.2	MONTEREY HARBOR MOORING AREA LB "X"	36 36 20 N 121 53 13 W	FI Y 4s			Yellow can.	Private aid.
3975.3	MONTEREY HARBOR MOORING AREA LB "Y"	36 36 12 N 121 53 20 W	FI Y 4s			Yellow can.	Private aid.
3975.4	MONTEREY HARBOR MOORING AREA LB "Z"	36 36 11 N 121 53 13 W	FI Y 4s			Yellow can.	Private aid.
3981	Monterey Bay Special Purpose Buoy MY1	36 37 16 N 121 53 05 W	FI Y 4s			Yellow can.	Private aid.
3982	Monterey Bay Special Purpose Buoy MY2	36 37 59 N 121 54 16 W	FI Y 4s			Yellow can.	Private aid.
3983	Monterey Bay Special Purpose Buoy MY3	36 38 42 N 121 55 24 W	FI Y 4s			Yellow can.	Private aid.
3984	Monterey Bay Special Purpose Buoy MY4	36 40 00 N 121 54 24 W	FI Y 4s			Yellow can.	Private aid.
3985	Monterey Bay Special Purpose Buoy MY5	36 39 09 N 121 52 51 W	FI Y 4s			Yellow can.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
3986	Monterey Bay Special Purpose Buoy MY6	36 38 18 N 121 51 18 W	FI Y 4s			Yellow can.	Private aid.
3987	Monterey Bay Special Purpose Buoy MY7	36 36 34 N 121 52 30 W	FI Y 4s			Yellow can.	Private aid.
Moss Landing							
3990	- Harbor Entrance Lighted Bell Buoy MLA	36 47 56 N 121 48 06 W	Mo (A) W		4	Red and white stripes with red spherical topmark.	
4000	- HARBOR ENTRANCE RANGE FRONT LIGHT	36 48 33 N 121 47 07 W	Q G	15		KRW on red pile.	Visible 5° each side of rangeline.
4005	- HARBOR ENTRANCE RANGE REAR LIGHT 63 yards, 052° from front light.	36 48 34 N 121 47 05 W	Iso G 6s	25		KRW on red pile.	
4010	- Harbor Channel Buoy 1	38 48 21 N 121 47 32 W				Green can.	
4020	- HARBOR ENTRANCE LIGHT 3	36 48 25 N 121 47 27 W	FI G 4s	22	4	SG on pile.	Ra ref.
4025	- HARBOR ENTRANCE LIGHT 2	36 48 21 N 121 47 22 W	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 N 121 47 11 W	FI R 4s	15	3	TR on pile.	
4035	- Harbor Channel Daybeacon 5	36 48 31 N 121 47 06 W				SG on pile.	
4040	- Harbor Channel Buoy 6					Red nun.	
4045	- HARBOR CHANNEL LIGHT 8	36 48 27 N 121 47 07 W	FI R 2.5s	15	3	TR on pile.	
4050	- Harbor Channel Buoy 9	36 48 22 N 121 47 06 W				Green can.	
4055	- Harbor Channel Buoy 11	36 48 19 N 121 47 06 W				Green can.	
Santa Cruz							
<i>Buoys inside the harbor are set to best mark the channel and are not charted.</i>							
4080	- Lighted Whistle Buoy SC	36 56 20 N 122 00 35 W	Mo (A) W		6	Red and white stripes.	
4085 300	- WEST BREAKWATER LIGHT	36 57 36 N 122 00 06 W	Oc G 4s	36	6	White cylindrical structure.	HORN: 1 blast ev 30s (2s bl).
4090	- Harbor Buoy 1					Green can.	Maintained from May 1 to Nov. 1.
4095	- Harbor Lighted Buoy 2		FI R 4s		3	Red.	Maintained from May 1 to Nov. 1.
4100	- Harbor Buoy 3					Green can.	Maintained from May 1 to Nov. 1.
4105	- Harbor Buoy 4					Red nun.	Maintained from May 1 to Nov. 1.
4110 305	- Light	36 57 05 N 122 01 36 W	FI W 5s	60	17	White lantern house on square brick tower attached to brick building. 39	Obscured from 085° to 220°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
4115	- Municipal Wharf Fog Signal	36 57 30 N 122 00 54 W					HORN: 1 blast ev 15s (2s bl). Maintained from Apr. 1 to Nov. 1. Private aid.
	HALF MOON BAY (Chart 18682)						
4125	<i>Southeast Reef Southern End Lighted Gong Buoy 1S</i>	37 27 54 N 122 28 12 W	FI G 6s		5	Green.	
	Pillar Point Harbor						
4130	<i>- Entrance Lighted Gong Buoy 1</i>	37 29 12 N 122 30 24 W	FI G 2.5s		4	Green.	
4135	<i>- Entrance Lighted Buoy 2</i>	37 28 24 N 122 29 00 W	FI R 4s		4	Red.	
4140	<i>- Entrance Lighted Bell Buoy 3</i>	37 28 54 N 122 29 00 W	FI G 4s		4	Green.	
4145	- Entrance Light	37 29 36 N 122 29 06 W	FI W 5s	50	14	White cylindrical structure.	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 N 122 29 08 W	FI R 6s	30	4	TR on skeleton tower.	
4151	PILLAR POINT INNER HARBOR LIGHT 2	37 30 00 N 122 29 06 W	FI R 2.5s	17		TR on breakwater.	Private aid.
4153	PILLAR POINT INNER HARBOR LIGHT 1	37 30 00 N 122 28 48 W	FI G 2.5s	17		SG on breakwater.	Private aid.
	GULF OF THE FARALLONES (Chart 18645)						
	Gulf of the Farallones						
4155	<i>Colorado Reef Lighted Buoy 26</i>	37 32 10 N 122 33 09 W	FI R 2.5s		5	Red.	

Section 4

California

San Francisco Bay

(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 Main Ship Channel							
4160	- Lighted Bell Buoy 1	37 46 12 N 122 37 54 W	Iso G 6s		5	Green.	
4165	- Lighted Whistle Buoy 2	37 45 48 N 122 37 44 W	Iso R 6s		5	Red.	
4170	- Lighted Buoy 3	37 46 24 N 122 37 06 W	FI G 4s		4	Green.	
4175	- Lighted Buoy 4	37 46 00 N 122 37 00 W	FI R 4s		4	Red.	
4180	- Lighted Bell Buoy 5	37 46 38 N 122 36 22 W	FI G 6s		5	Green.	
4185	- Lighted Buoy 6	37 46 12 N 122 36 12 W	FI R 6s		4	Red.	
4190	- Lighted Bell Buoy 7	37 46 54 N 122 35 24 W	FI G 2.5s		4	Green.	
4195	- Lighted Whistle Buoy 8	37 46 30 N 122 35 12 W	FI R 2.5s		4	Red.	
DRAKES BAY (Chart 18647)							
4200	Drakes Bay Lighted Whistle Buoy 1	37 58 58 N 122 57 21 W	FI G 6s		5	Green.	
4205	Duxbury Reef Lighted Whistle Buoy 1DR	37 51 37 N 122 41 43 W	FI G 6s		4	Green.	
ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)							
Bonita Channel							
4220 370	Point Bonita Light	37 48 54 N 122 31 48 W	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 N 122 34 06 W	FI R 6s		4	Red.	
4230	- Buoy 4	37 49 24 N 122 33 18 W				Red nun.	
4235	- Lighted Bell Buoy 3	37 49 36 N 122 33 06 W	FI G 4s		4	Green.	
ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)							
4240	Four Fathom Bank Lighted Bell Buoy	37 48 42 N 122 32 24 W	FI (2+1) R 6s		4	Red and green bands.	
4245 365	Mile Rocks Light	37 47 34 N 122 30 37 W	FI W 5s	49	15	White caisson with orange bands.	HORN: 1 blast ev 30s (2s bl). Operates continuously.
4250	POINT DIABLO LIGHT	37 49 12 N 122 29 57 W	Iso W 6s	85	9	White square house.	HORN: 1 blast ev 15s (2s bl). Operates continuously.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
Golden Gate Bridge							
4255	- Buoy 2	37 48 48 N 122 28 48 W				Red nun.	
4260	- SOUTH PIER LIGHT		FI R 15s	50			Private aid. HORN (2): Sound simultaneously 1 blast ev 20s (2s bl).
4262	- RACON G		G (— •)	229		Mid-span, center of channel.	Private aid.
4265	- Midchannel Fog Signal						Private aid. DIAPHONE: 2 blast ev 40s (1s bl-2s si-1s bl-36s si).
4270	LIME POINT LIGHT	37 49 31 N 122 28 41 W	FI W 4s	15	8	On post.	HORN: 2 blasts ev 30s (2s bl- 2s si-2s bl-24s si).
San Francisco Bay							
4280	YELLOW BLUFF LIGHT	37 50 11 N 122 28 19 W	FI W 6s	75	9	NR on single pile.	
4285	PRESIDIO SHOAL LIGHT 2	37 48 26 N 122 27 38 W	FI R 2.5s	15		TR on pile.	
4290	ANITA ROCK LIGHT	37 48 29 N 122 27 12 W	Q W	20	5	NR on cylindrical structure.	
4300	SAN FRANCISCO WEST YACHT HARBOR LIGHT 2	37 48 32 N 122 26 24 W	Q R	21		TR on post.	Private aid.
4305	SAN FRANCISCO EAST YACHT HARBOR LIGHT 2	37 48 30 N 122 25 48 W	Iso R 6s	13		On post.	Private aid.
4306	AQUATIC PARK ENTRANCE LIGHT 1	37 48 38 N 122 25 25 W	FI G 4s	21	4	SG on post.	Ra ref.
4307	FISHERMANS WHARF BREAKWATER LIGHT A	37 48 40 N 122 25 21 W	FI Y 2.5s	21	4	NR on post.	Ra ref.
4308	FISHERMANS WHARF BREAKWATER LIGHT B	37 48 42 N 122 25 16 W	FI Y 2.5s	21	4	NR on post.	Ra ref.
4309	FISHERMANS WHARF ENTRANCE LIGHT 2	37 48 43 N 122 25 11 W	FI R 2.5s	21	3	TR on post.	Ra ref.
4310	Alcatraz Bell Buoy	37 49 42 N 122 25 42 W				Green and red bands.	
4315	Alcatraz Light	37 49 34 N 122 25 19 W	FI W 5s	214	22	Gray octagonal tower.	Emergency light of lower intensity when main light is extinguished.
4320	Alcatraz South Fog Signal	37 49 30 N 122 25 17 W				White square house.	Structure is floodlighted. HORN: 1 blast ev 30s (3s bl). Located 175 yards, 143.5° from light.
4325	Alcatraz North Fog Signal	37 49 41 N 122 25 31 W				White square house.	Structure is floodlighted. HORN: 2 blast ev 30s (2s bl- 2s si-2s bl-24s si).
4330	<i>Harding Rock Lighted Buoy HR</i>	37 50 18 N 122 26 46 W	FI (2+1) R 6s		4	Red and green bands.	RACON: K (— • —).
4335	Point Blunt Light	37 51 11 N 122 25 09 W	FI G 5s	60	13	White square house.	Emergency light of lower intensity when main light is extinguished. HORN: 1 blast ev 15s (2s bl).
Raccoon Strait							
4340	- <i>Lighted Buoy 1</i>	37 50 36 N 122 27 12 W	FI G 4s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
4345	- <i>Lighted Buoy 2</i>	37 51 12 N 122 26 36 W	FI R 4s		3	Red.	
4350	<i>Racoon Strait Lighted Buoy 4</i>	37 51 41 N 122 26 50 W	FI R 2.5s	80	7	Red..	
4355	BELVEDERE COVE LIGHT 1	37 52 15 N 122 27 17 W	FI G 4s	15	4	SG on pile.	
4356	BELVEDERE COVE LIGHT 3	37 52 18 N 122 27 42 W	FI G 2.5s	16		Metal pole on breakwater.	Private aid.
4370	- <i>Lighted Buoy 3</i>	37 51 42 N 122 27 24 W	FI G 4s		3	Green.	
4375	- LIGHT 5	37 52 49 N 122 26 19 W	FI G 4s	20	4	SG on pile.	
Richardson Bay							
4380	CONE ROCK LIGHT	37 51 50 N 122 28 11 W	Q W	17	5	NR on black skeleton tower.	
Sausalito Channel							
4385	- LIGHT 2	37 51 21 N 122 28 07 W	FI R 4s	14	4	TR on pile.	
4386	- <i>Lighted Buoy A</i>	37 51 18 N 122 28 24 W	FI Y 6s		3	Yellow.	Maintained from Nov. 30 to Mar. 15.
4387	- <i>Lighted Buoy B</i>	37 51 18 N 122 28 42 W	FI Y 6s		3	Yellow.	Maintained from Nov. 30 to Mar. 15.
4390	- LIGHT 4	37 51 41 N 122 28 43 W	FI R 6s	15	4	TR on pile.	Ra ref.
4395	SAUSALITO CRUISING CLUB LIGHT	37 51 42 N 122 29 12 W	Oc W 3s			Red and white striped conical tower on building.	Private aid.
4400	- LIGHT 6	37 51 55 N 122 29 11 W	FI R 4s	15	4	TR on pile.	Ra ref.
Kappas Marina Channel							
4401	- Daybeacon 8					TR on pile.	Private aid.
4402	- Daybeacon 9	37 52 08 N 122 29 33 W				SG on pile.	Private aid.
4403	- Daybeacon 10	37 52 09 N 122 29 31 W				TR on pile.	Private aid.
4404	- Daybeacon 11	37 52 20 N 122 29 46 W				SG on pile.	Private aid.
4405	- Daybeacon 12	37 52 21 N 122 29 44 W				TR on pile.	Private aid.
4406	- Daybeacon 13	37 52 32 N 122 29 59 W				SG on pile.	Private aid.
4407	- Daybeacon 14	37 52 33 N 122 29 57 W				TR on pile.	Private aid.
4408	- Daybeacon 15	37 52 35 N 122 30 09 W				SG on pile.	Private aid.
4409	- Daybeacon 16	37 52 34 N 122 30 02 W				TR on pile.	Private aid.
4410	- Daybeacon 18	37 52 35 N 122 30 04 W				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							
4411	- Daybeacon 20	37 52 38 N 122 30 10 W				TR on pile.	Private aid.
San Francisco-Oakland Bay Bridge West Crossing							
<i>Aids to navigation on bridge maintained by California Department of Transportation.</i>							
4415	<i>Blossom Rock Lighted Bell Buoy BR</i>	37 49 06 N 122 24 12 W	Fl (2+1) G 6s		4	Green and red bands.	
4420	Pier A Fog Signal			30			HORN: 1 blast ev 30s (1s bl).
4425	Pier B Fog Signal			30			HORN: 2 blasts ev 30s (1s bl- 1.5s si-1s bl-26.5s si).
4426	San Fransisco-Oakland Bay RACON N	37 47 36 N 122 23 00 W		184		A-B span, center of channel.	Private aid.
4430	Pier B North Buoy	37 47 48 N 122 22 54 W				Green and red bands; can.	
4435	Pier C East Side Fog Signal			30			BELL: 1 stroke ev 30s.
4440	Pier C West Side Fog Signal			30			BELL: 2 strokes ev 30s.
4445	Pier D Fog Signal			30			HORN: 3 blasts ev 30s (1s bl- 1.5s si-1s bl-1.5s si-1s bl-24s si).
4446	San Fransisco Oakland Bay Bridge RACON B	37 47 59 N 122 22 34 W		219		C-D span, center of channel.	Private aid.
4450	Pier D North Buoy	37 48 06 N 122 22 36 W				Red and green bands; nun.	
4455	Pier D South Buoy	37 48 00 N 122 22 24 W				Red and green bands; nun.	
4460	Pier E Fog Signal			30			HORN: 2 blasts ev 30s (2s bl- 1.5s si-1s bl-25.5s si).
4461	San Fransisco Oakland Bay Bridge RACON Y	37 48 12 N 122 22 21 W		184		D-E span, center of channel.	Private aid.
San Francisco-Oakland Bay Bridge East Crossing							
<i>Aids to navigation on bridge maintained by California Department of Transportation.</i>							
4465	Pier G Fog Signal			30			HORN: 1 blast ev 20s (1s bl).
4470	Pier H Fog Signal			30			HORN: 2 blasts ev 20s (1s bl- 1.5s si-3s bl-14.5s si).
4475	Pier I Fog Signal			30			BELL: 3 strokes ev 20s.
4480	- Lighted Mooring Buoy A	37 49 43 N 122 21 11 W	Fl W 2s				Private aid.
4480.1	- Lighted Mooring Buoy B	37 49 55 N 122 21 16 W	Fl W 2s				Private aid.
4480.2	- Lighted Mooring Buoy C	37 50 11 N 122 21 19 W	Fl W 2s				Private aid.
4480.3	- Lighted Mooring Buoy D	37 50 22 N 122 21 38 W	Fl W 2s				Private aid.
4480.4	- Lighted Mooring Buoy E	37 50 32 N 122 21 48 W	Fl W 2s				Private aid.
4480.5	- Lighted Mooring Buoy F	37 49 44 N 122 21 22 W	Fl W 2s				Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
4480.6	- Lighted Mooring Buoy G	37 49 52 N 122 21 28 W	FI W 2s				Private aid.
4480.7	- Lighted Mooring Buoy H	37 50 01 N 122 21 32 W	FI W 2s				Private aid.
4480.8	- Lighted Mooring Buoy I	37 50 07 N 122 21 42 W	FI W 2s				Private aid.
4480.9	- Lighted Mooring Buoy J	37 49 37 N 122 20 52 W	FI W 2s				Private aid.
4481	- Lighted Mooring Buoy K	37 49 43 N 122 20 57 W	FI W 2s				Private aid.
4481.1	- Lighted Mooring Buoy L	37 49 52 N 122 21 02 W	FI W 2s				private aid.
4481.2	- Lighted Mooring Buoy M	37 50 01 N 122 21 08 W	FI W 2s				Private aid.
4481.3	- Lighted Mooring Buoy N	37 50 09 N 122 21 14 W	FI W 2s				Private aid.
San Francisco Waterfront							
4490	SF WATERFRONT PIER 45 EAST LIGHT	37 48 42 N 122 25 13 W	F R	22		Brown pyramidal structure.	Private aid.
4495	SF WATERFRONT PIER 45 WEST LIGHT	37 48 42 N 122 25 12 W	F R	22		Gray building.	Private aids.
Pier 39							
4500	- BREAKWATER LIGHT 4		FI R 4s	14		TR on breakwater.	Private aid.
4515	- BREAKWATER LIGHT A	37 48 42 N 122 24 36 W	FI W 4s	14		On breakwater.	Private aid.
4525	- BREAKWATER CENTER LIGHT C		Q W	14		NB on breakwater.	Private aid.
4535	- BREAKWATER LIGHT E		FI W 2.5s	14		On breakwater.	Private aid.
4545	- MARINA LIGHT 2	37 48 30 N 122 24 30 W	FI R 2.5s	14		TR on post.	Private aid.
San Francisco Waterfront							
4550	PIER 27-29 WEST LIGHT	37 48 30 N 122 24 06 W	Iso W 2s	16		Gray building.	Private aid.
4555	PIER 27-29 EAST LIGHT		Iso R 2s	16			Private aid.
4560	PIER 17 LIGHT		F W	29		Gray building.	Private aid.
4565	PIER 1 NORTH LIGHT	37 47 54 N 122 23 35 W	F R	26		Gray building.	Private aid.
4570	PIER 1 SOUTH LIGHT		F W	26		Gray building.	Private aid.
4573	PIER 14 PIER END LIGHT	37 47 40 N 122 23 23 W	Q W			Pier End Light.	Private aid.
4575	PIER 14 PIER MIDPOINT LIGHT	37 47 38 N 122 23 26 W	Q W			Pier mid point.	Private aid.
South Beach Harbor							
4576	- NORTH ENTRANCE LIGHT 2	37 46 55 N 122 23 06 W	Q R	18		TR on breakwater.	Private aid.
4577	- NORTH ENTRANCE LIGHT 1	37 46 54 N 122 23 06 W	FI G 2.5s	14		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							
4577.1	- BREAKWATER LIGHT A	37 46 42 N 122 23 06 W	FI W 2.5s	14		NW on breakwater.	Private aid.
4577.2	- BREAKWATER LIGHT B		FI W 2.5s	14		NW on breakwater.	Private aid.
4578	- SOUTH ENTRANCE LIGHT 1	37 46 42 N 122 23 06 W	FI G 2.5s	18		SG on breakwater.	Private aid.
4579	- SOUTH ENTRANCE LIGHT 2		FI R 4s	14		TR on breakwater.	Private aid.
4595	Yerba Buena Island Light	37 48 26 N 122 21 43 W	Oc W 4s	95	14	White octagonal tower.	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 N 122 21 39 W	F R	18	6	On post.	
4602	<i>Treasure Island East Channel Lighted Buoy 3</i>	37 49 27 N 122 21 11 W	FI G 2.5s		3	Green.	
4605	<i>Oakland Harbor Bar Channel Lighted Bell Buoy 1</i>	37 48 15 N 122 21 22 W	FI G 2.5s		4	Green.	
4606	<i>Oakland Harbor Bar Channel Lighted Buoy 2</i>	37 47 58 N 122 21 38 W	FI R 2.5s		4	Red.	
4607	<i>Oakland Harbor Bar Channel Lighted Buoy 2A</i>	37 48 04 N 122 21 09 W	FI R 2.5s		4	Red.	
Oakland Outer Harbor							
4610	- RANGE B FRONT LIGHT	37 48 57 N 122 19 29 W	Q R	25		KRW on pile.	
4615	- RANGE B REAR LIGHT	37 49 03 N 122 19 19 W	Iso R 6s	36		KRW on pile.	
4617	- CENTERLINE RANGE FRONT LIGHT	37 48 58 N 122 19 33 W	Q Y	25		KBW on pile.	
4618	- CENTERLINE RANGE REAR LIGHT 267 yards, 056.5° from front light.	37 49 02 N 122 19 25 W	Iso Y 6s	42		KBW on pile.	
4620	- RANGE A FRONT LIGHT	37 48 56 N 122 19 41 W	Q G	25		KRW on white pile.	
4625	- RANGE A REAR LIGHT In 10 feet, 335 yards, 059° from front light.	37 49 01 N 122 19 30 W	Iso G 6s	35		KRW on white pile.	
4630	- <i>Lighted Bell Buoy 3</i>	37 48 33 N 122 20 32 W	FI G 4s		5	Green.	
4635	OAKLAND SEVENTH STREET TERMINAL LIGHT 2	37 48 21 N 122 20 33 W	FI R 2.5s	19			Private aid.
4645	- <i>LIGHTED BUOY 5</i>	37 48 48 N 122 19 59 W	FI G 4s		5	Green.	
4650	- <i>LIGHTED BUOY 7</i>	37 48 51 N 122 19 39 W	FI G 2.5s		3	Green.	
4655	- <i>Lighted Buoy 9</i>	37 48 48 N 122 19 18 W	FI G 4s		4	Green.	
4660	OAKLAND SEVENTH STREET TERMINAL LIGHT 1	37 48 12 N 122 20 30 W	FI G 2.5s	19		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							
4665	Oakland Inner Harbor Lighted Buoy 5	37 48 06 N 122 20 21 W	FI G 4s		3	Green.	
4666	OAKLAND INNER HARBOR SHALLOW WATER HABITAT LIGHT A	37 48 07 N 122 20 17 W	FI G 4s				
4668	OAKLAND INNER HARBOR SHALLOW WATER HABITAT LIGHT C	37 48 00 N 122 19 52 W	FI G 4s				
Oakland Inner Harbor							
4669	- Lighted Buoy 4 100 feet outside channel limit.	37 48 06 N 122 20 54 W	FI R 4s		4	Red.	
4672	- Lighted Buoy 6	37 47 57 N 122 20 24 W	FI R 2.5s		4	Red.	
4673	- LIGHT 7	37 48 00 N 122 19 54 W	FI G 4s	30	7	SG on pile.	
4675	- LIGHT 8	37 47 51 N 122 19 57 W	FI R 6s	15	4	TR on pile.	
4680	- LIGHT 10	37 47 27 N 122 18 09 W	FI R 2.5s	15	4	TR on pile.	Ra ref.
4681	COAST GUARD ISLAND PIER SOUTH LIGHT	37 46 41 N 122 14 39 W	Iso Y 6s	13	5	On end of pier.	
4682	COAST GUARD ISLAND PIER NORTH LIGHT	37 46 47 N 122 15 03 W	Iso Y 6s	13	5	On end of pier.	
4683	- TURNING BASIN LIGHT A	37 47 42 N 122 17 21 W	Iso W 6s	18	6	NG on pile.	
4684	- TURNING BASIN LIGHT B	37 47 27 N 122 17 20 W	Iso W 6s	18	6	NR on pile.	
Brooklyn Basin							
4685	- SOUTH CHANNEL LIGHT 1	37 47 02 N 122 15 21 W	FI G 4s	15	4	SG on pile.	Ra ref.
4690	- NORTH CHANNEL LIGHT 2	37 47 07 N 122 15 21 W	FI R 2.5s	15	3	TR on pile.	
4695	- NORTH CHANNEL LIGHT 4	37 47 10 N 122 15 13 W	FI R 4s	15	3	TR on pile.	
4700	- NORTH CHANNEL LIGHT 6	37 47 11 N 122 15 06 W	FI R 2.5s	15	3	TR on pile.	
4705	- NORTH CHANNEL LIGHT 8	37 47 09 N 122 14 59 W	FI R 4s	15	3	TR on pile.	
4710	- NORTH CHANNEL LIGHT 10	37 47 00 N 122 14 45 W	FI R 6s	15	4	TR on pile.	
4715	- North Channel Daybeacon 12	37 46 57 N 122 14 44 W				TR on pile.	
4718	COAST GUARD ISLAND SECURITY BARRIER LIGHT (A)	37 46 52 N 122 15 08 W	FI W 2s			On barrier.	"U.S. Coast Guard Security Zone, Do Not Enter".
4718.5	COAST GUARD ISLAND SECURITY BARRIER LIGHT (B)	37 46 48 N 122 15 03 W	FI W 2s			On white and orange floating barrier.	U.S. Coast Guard Security Zone "DO NOT ENTER". Private aid.
4719	COAST GUARD ISLAND SECURITY BARRIER LIGHT (C)	37 46 45 N 122 14 58 W	FI W 2s			On white and orange floating barrier.	U.S. Coast Guard Security Zone, "DO NOT ENTER". Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
4719.5	COAST GUARD ISLAND SECURITY BARRIER LIGHT (D)	37 46 42 N 122 14 52 W	FI W 2s			On white and orange floating barrier.	U.S. Coast Guard Security Zone "DO NOT ENTER". Private aid.
San Leandro Bay							
4720	- Tidal Canal Daybeacon 1	37 45 31 N 122 13 24 W				SG on pile.	
4725	- Airport Daybeacon 3	37 44 56 N 122 13 23 W				SG on pile.	
4730	- Airport Daybeacon 4	37 44 55 N 122 13 24 W				TR on pile.	
4735	- Airport Daybeacon 5	37 44 26 N 122 12 48 W				SG on pile.	
4740	- Airport Daybeacon 6	37 44 27 N 122 12 52 W				TR on pile.	
Alameda Naval Air Station Channel							
4745	- Entrance Lighted Bell Buoy 1	37 46 38 N 122 20 27 W	FI G 4s		4	Green.	
4750	- Entrance Lighted Buoy 2	37 46 27 N 122 20 28 W	FI R 4s		4	Red.	
4755	- LIGHT 3	37 46 36 N 122 19 51 W	FI G 2.5s	15	3	SG on pile.	Ra ref.
4760	- LIGHT 4	37 46 24 N 122 19 48 W	FI R 4s	12	3	TR on pile.	Ra ref.
4765	- LIGHT 5	37 46 34 N 122 19 05 W	FI G 2.5s	15	4	SG on pile.	Ra ref.
4770	- LIGHT 6	37 46 21 N 122 19 07 W	FI R 4s	15	4	TR on pile.	Ra ref.
4775	- Daybeacon 8	37 46 09 N 122 18 20 W				TR on pile.	
Ballena Bay Harbor							
4780	BALLENA BAY LIGHT 1	37 45 49 N 122 16 58 W	FI G 4s	17		Black skeleton tower.	Private aid.
4785	BALLENA BAY ESTUARY LIGHT	37 46 06 N 122 17 18 W	FI W 4s	12		NB on post.	Obscured from 094° to 004°. Private aid.
4820	San Francisco Bay Preferred Channel Lighted Buoy SC	37 46 32 N 122 21 57 W	FI (2+1) G 6s		5	Green and red bands.	
4825	Anchorage 9 Lighted Buoy A	37 44 48 N 122 19 24 W	FI Y 4s		4	Yellow.	
San Francisco Entrance Bay Farm Island							
4826	- LIGHT 1	37 44 13 N 122 16 13 W	FI G 4s	14		SG on pile.	Private aid.
4826.1	- LIGHT 2	37 44 05 N 122 16 08 W	FI R 4s	14		TR on pile.	Private aid.
4826.15	- LIGHT 3	37 44 12 N 122 15 59 W	FI G 4s	14		SG on pile.	Private aid.
4826.2	- LIGHT 4	37 44 01 N 122 15 49 W	FI R 4s	14		TR on pile.	Private aid.
4826.3	BAY FARM ISLAND LIGHT 6	37 44 02 N 122 15 29 W	FI R 4s			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							
Oakland Airport							
4827	OAKLAND AIRPORT SECURITY ZONE BUOY "A"	37 43 38 N 122 15 07 W	FI W 4s			Security Zone.	Private aid.
4827.1	OAKLAND AIRPORT SECURITY ZONE BUOY "B"	37 43 32 N 122 15 12 W	FI W 4s			Security Zone.	Private aid.
4827.2	OAKLAND AIRPORT SECURITY ZONE BUOY "C"	37 43 23 N 122 15 09 W	FI W 4s			Security Zone.	Private aid.
4827.3	- Security Zone Buoy D	37 42 13 N 122 14 15 W				White can with orange bands worded COAST GUARD SECURITY ZONE KEEP OUT.	Zone extends 1000 yds from airport. Violators may be arrested and fined.
4827.4	OAKLAND AIRPORT SECURITY ZONE BUOY "E"	37 42 39 N 122 14 07 W	FI W 4s			Security Zone.	Private aid.
4827.5	OAKLAND AIRPORT SECURITY ZONE BUOY "F"	37 42 17 N 122 13 36 W	FI W 4s			Security Zone.	Private aid.
4827.6	OAKLAND AIRPORT SECURITY ZONE BUOY "G"	37 41 55 N 122 13 06 W	FI W 4s			Security Zone.	Private aid.
4828	OAKLAND AIRPORT SECURITY ZONE BUOY "H"	37 41 52 N 122 12 53 W	FI W 4s			Security Zone.	Private aid.
4828.1	OAKLAND AIRPORT SECURITY ZONE BUOY "I"	37 41 53 N 122 12 45 W	FI W 4s			Security Zone.	Private aid.
4828.2	OAKLAND AIRPORT SECURITY ZONE BUOY "J"	37 41 41 N 122 12 23 W	FI W 4s			Security Zone.	Private aid.
4828.3	OAKLAND AIRPORT SECURITY ZONE BUOY "K"	37 41 50 N 122 12 12 W	FI W 4s			Security Zone.	Private aid.
4828.4	OAKLAND AIRPORT SECURITY ZONE BUOY "L"	37 42 03 N 122 12 35 W	FI W 4s			Security Zone.	Private aid.
4828.5	OAKLAND AIRPORT SECURITY ZONE BUOY "M"	37 42 07 N 122 12 33 W	FI W 4s			Security Zone.	Private aid.
4828.6	OAKLAND AIRPORT SECURITY ZONE BUOY "N"	37 42 34 N 122 12 36 W	FI W 4s			Security Zone.	Private aid.
SAN FRANCISCO BAY - SOUTHERN PART (Chart 18651)							
San Leandro Marina Channel							
4829	- Directional Light	37 41 43 N 122 11 29 W	F W (R & G sectors)		W 13 R 10 G 10	On pile.	White from 046.5° to 047°, red from 045.5° to 046.5°, green from 047° to 048°.
4830	- LIGHT 1	37 40 16 N 122 13 21 W	FI G 4s	14	5	SG on pile.	HORN: 1 blast ev 30s (3s bl). Operated continuously from Oct. 1 to Apr. 1.
4835	- LIGHT 2	37 40 15 N 122 13 20 W	FI R 4s	15	3	TR on pile.	
4845	- Daybeacon 3	37 40 29 N 122 12 05 W				SG on pile.	
4850	- Daybeacon 4	37 40 27 N 122 13 04 W				TR on pile.	
4855	- Daybeacon 5	37 40 45 N 122 12 45 W				SG on pile.	
4860	- Daybeacon 7	37 40 58 N 122 12 28 W				SG on pile.	
4865	- Daybeacon 8	37 40 56 N 122 12 26 W				TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
4870	- Daybeacon 9	37 41 13 N 122 12 09 W				SG on pile.	
4875	- Daybeacon 11	37 41 29 N 122 11 48 W				SG on pile.	
4885	- LIGHT 14	37 41 38 N 122 11 32 W	FI R 2.5s	15	3	TR on pile.	
4890	- Daybeacon 15	37 41 40 N 122 11 34 W				SG on pile.	
4895	- LIGHT 6	37 40 43 N 122 12 43 W	FI R 2.5s	15	3	TR on pile.	Ra ref.
4900	- LIGHT 10	37 41 11 N 122 12 07 W	FI R 4s	15	3	TR on pile.	Ra ref.
4905	- LIGHT 12	37 41 27 N 122 11 46 W	FI R 6s	15	4	TR on pile.	Ra ref.
ENTRANCE TO SAN FRANCISCO BAY (Chart 18649)							
Hunters Point							
4910	<i>Lash Terminal Approach Lighted Buoy 3</i>	37 44 42 N 122 22 12 W	FI G 4s		4	Green.	
Pier 94/96							
4912	<i>Lash Terminal Lighted Buoy 2</i>	37 45 30 N 122 22 06 W	FI R 2.5s		3	Red.	
4915	PIER 94 NORTH END LIGHT	37 44 42 N 122 22 24 W	Iso R 4s	11		On post.	Private aid.
4917	- NORTH CHANNEL RANGE FRONT LIGHT	37 44 36 N 122 22 42 W	F Y	52		KRW on post.	Private aid.
4918	- NORTH CHANNEL RANGE REAR LIGHT 244 yards, 203° from front light.	37 44 33 N 122 22 33 W	F Y	68		KRW on post.	Private aid.
4926	- SOUTH CHANNEL RANGE FRONT LIGHT	37 44 30 N 122 22 18 W	Iso Y 6s	52		KRW on post.	Private aid.
4927	- SOUTH CHANNEL RANGE REAR LIGHT 635 yards, 293° from front light.	37 44 39 N 122 22 34 W	Oc Y 4s	68		KRW on post.	Private aid.
4929	<i>Lash Terminal Lighted Buoy 5</i>	37 44 24 N 122 21 36 W	FI G 4s		4	Green.	
Pier 96							
4930	- LIGHTER BASIN ENTRANCE LIGHT 2		Iso R 4s	15		TR on wharf.	Private aid.
SAN FRANCISCO BAY - SOUTHERN PART (Chart 18651)							
San Bruno Shoal							
4945	- CHANNEL LIGHT 1	37 41 44 N 122 20 21 W	FI G 4s	15	4	SG on pile.	HORN: 1 blast ev 30s (3s bl). Operates continuously from Oct. 1 to Apr. 1. Ra ref.
4950	- <i>Channel Lighted Buoy 2</i>	37 41 42 N 122 20 30 W	FI R 4s		3	Red.	
4955	- CHANNEL LIGHT 3	37 40 10 N 122 19 34 W	FI G 2.5s	15	3	SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
4960	- CHANNEL LIGHT 4	37 40 08 N 122 19 42 W	FI R 2.5s	20	3	TR on pile.	
4965	- CHANNEL LIGHT 5	37 38 38 N 122 18 47 W	FI G 4s	15	4	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 N 122 18 56 W	FI R 4s	15	4	TR on pile.	
Brisbane Marina							
4980	- LIGHT 1	37 40 18 N 122 22 12 W	FI G 4s	13		SG on pile.	Private aid.
4985	- LIGHT 2		FI R 2.5s	13		TR on pile.	Private aid.
4990	- LIGHT 3		FL G 4s	13	2	SG on pile.	Private aid.
4995	- LIGHT 4		FI R 4s	13	2	TR on pile.	Private aid.
5000	- LIGHT 5		FI G 2.5s	13		SG on pile.	Private aid.
5005	- LIGHT 6	37 40 12 N 122 22 42 W	FI R 2.5s	13		TR on pile.	Private aid.
5010	- LIGHT 7		FL G 4s	13	2	SG on pile.	Private aid.
5015	- LIGHT 8	37 40 18 N 122 22 42 W	FI R 4s	13		TR on pile.	Private aid.
5020	- LIGHT 9		FI G 4s	13		SG on pile.	Private aid.
Oyster Cove Marina							
5025	- LIGHT 1	37 40 12 N 122 22 42 W	FI G 4s	6		SG on pile.	Private aid. Ra ref.
5030	- LIGHT 2		FI R 4s	6		TR on pile.	Private aid. Ra ref.
5035	- LIGHT 3	37 40 12 N 122 22 48 W	FI G 4s	6		SG on pile.	Private aid. Ra ref.
5040	- LIGHT 4	37 40 12 N 122 22 48 W	FI R 4s	6		TR on pile.	Private aid. Ra ref.
5045	- LIGHT 5	37 40 06 N 122 22 54 W	FI G 4s	6		SG on pile.	Private aid. Ra ref.
5050	- LIGHT 6	37 40 12 N 122 22 54 W	FI R 4s	6		TR on pile.	Private aid. Ra ref.
5055	- LIGHT 7	37 40 06 N 122 23 00 W	FI G 4s	6		SG on pile.	Private aid. Ra ref.
5060	- LIGHT 8	37 40 12 N 122 24 00 W	FI R 4s	6		TR on pile.	Private aid. Ra ref.
5065	- LIGHT 9	37 40 06 N 122 23 02 W	FI G 4s	6		SG on pile.	Private aid. Ra ref.
5070	- LIGHT 10	37 40 06 N 122 23 06 W	FI R 4s	6		TR on pile.	Private aid. Ra ref.
5075	- LIGHT 11		FI G 4s	6		SG on pile.	Private aid. Ra ref.
5080	- LIGHT 12		FI R 4s	6		TR on pile.	Private aid. Ra ref.
5085	- LIGHT 13		FI G 4s	6		SG on pile.	Private aid. Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
5090	- LIGHT 14	37 40 05 N 122 23 13 W	FI R 4s	13		TR on pile.	Private aid. Ra ref.
5095	- LIGHT 16		FI R 4s	6		TR on pile.	Private aid. Ra ref.
Oyster Point Marina							
5100	- LIGHT 1	37 39 48 N 122 22 12 W	FI G 4s	17		Pile structure.	Private aid.
5105	- LIGHT 2		FI R 4s	17		Pile structure.	Private aid.
5110	- LIGHT 8	37 39 54 N 122 22 24 W	Q R	13		TR on pile.	Private aid.
5115	- LIGHT 9		Q G	13		SG on pile.	Private aid.
5120	- LIGHT A		FI W 4s	13		NR on pile.	Private aid.
5125	- LIGHT 10	37 39 52 N 122 22 28 W	FI R 4s	13			Private aid.
5130	SAN FRANCISCO BAY SOUTH CHANNEL LIGHT 8	37 36 17 N 122 17 29 W	FI R 4s	15	4	TR on pile.	
San Francisco Airport							
5135	- Daybeacon 1	37 37 56 N 122 22 43 W				SG on pile.	
Coyote Point							
5140	- YACHT HARBOR LIGHT 1	37 35 36 N 122 18 46 W	FI G 4s	12		On pile.	Private aid.
5145	- YACHT HARBOR LIGHT 2		FI R 4s	12		On pile.	Private aid.
San Francisco Bay South Channel							
5150	- Daybeacon 8A	37 35 19 N 122 16 10 W				TR on pile.	
5155	San Mateo-Hayward Bridge Fog Signal						Private aid. HORN: 2 blasts ev 30s (3s bl- 3s si-3s bl-21s si).
5156	San Mateo-Hayward Bridge RACON M	37 35 04 N 122 15 02 W		133		Mid span, center of channel.	Private aid.
5160	- Buoy 10	37 35 02 N 122 15 15 W				Red nun.	
5165	- Buoy 11	37 35 00 N 122 14 54 W				Green can.	
5175	- LIGHT 12	37 33 35 N 122 12 38 W	FI R 4s	15	4	TR on pile.	Ra ref.
Redwood Creek							
5180	- ENTRANCE LIGHT 2	37 33 10 N 122 11 47 W	Q R	15	4	TR on pile.	Ra ref. HORN: 1 blast ev 10s (1s bl). Operates continuously from Oct. 1 to Apr. 1.
5185	- Entrance Lighted Buoy 3		FI G 4s		3	Green.	Ra ref.
5190	- ENTRANCE LIGHT 4	37 32 49 N 122 11 42 W	FI R 2.5s	15	3	TR on pile.	Ra ref.
5195	- LIGHT 5	37 32 25 N 122 11 33 W	FI G 4s	15	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							
5200	- LIGHT 6	37 32 25 N 122 11 39 W	FI R 4s	15	3	TR on pile.	Ra ref.
5205	- LIGHT 8	37 32 00 N 122 11 37 W	Q R		3	TR on pile.	
5210	- LIGHT 7	37 31 58 N 122 11 31 W	FI G 2.5s	15	3	SG on pile.	Ra ref.
5215	- LIGHT 10	37 31 44 N 122 11 46 W	FI R 4s	15	3	TR on pile.	
5220	- LIGHT 9	37 31 42 N 122 11 40 W	FI G 4s	15	4	SG on pile.	Ra ref.
5225	REDWOOD CREEK LIGHT 11	37 31 31 N 122 11 57 W	FI G 4s	15	4	SG on pile.	
5230	- LIGHT 12	37 31 32 N 122 12 01 W	FI R 6s	15	4	TR on pile.	
5235	- LIGHT 14	37 31 18 N 122 12 21 W	FI R 4s	15	3	TR on pile.	Ra ref.
5240	- LIGHT 13	37 31 14 N 122 12 17 W	FI G 2.5s	15	3	SG on pile.	Ra ref.
5245	- LIGHT 15	37 31 03 N 122 12 23 W	FI G 4s	15	4	SG on pile.	Ra ref.
5250	- LIGHT 16	37 31 01 N 122 12 33 W	FI R 6s	15	4	TR on pile.	Ra ref.
5255	- LIGHT 18	37 30 48 N 122 12 43 W	FI R 4s	15	3	TR on pile.	Ra ref.
5260	- LIGHT 20	37 30 34 N 122 12 48 W	FI R 4s	15	3	TR on column.	Ra ref.
5265	Redwood Creek Light 21	37 30 23 N 122 12 57 W	FI G 4s		4	SG on pile.	
San Francisco Bay South Channel							
5270	- LIGHT 14	37 30 49 N 122 08 06 W	FI R 4s	15	4	TR on pile.	Ra ref.
5275	Dumbarton Highway Bridge Fog Signal	37 30 24 N 122 07 00 W					Private aid. HORN: 1 blast ev 20s (2s bl).
San Francisco Bay South Channel							
5305	- LIGHT 16	37 29 34 N 122 05 12 W	FI R 4s	15	3	TR on pile.	Ra ref.
5310	- LIGHT 17	37 28 43 N 122 04 37 W	FI G 4s	15	4	SG on pile.	Ra ref.
5315	- LIGHT 18	37 28 12 N 122 03 49 W	FI R 4s	15	3	TR on pile.	Ra ref.
5320	- Daybeacon 20	37 27 27 N 122 03 01 W				TR on pile.	
ENTRANCE TO SAN FRANCISCO BAY (CHART 18649)							
San Francisco Bay							
5348	- <i>North Channel Lighted Buoy 1</i>	37 49 55 N 122 24 33 W	FI G 6s		4	Green.	
5350	- <i>North Channel Lighted Buoy 2</i>	37 50 00 N 122 23 47 W	FI R 6s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
5355	- North Channel Lighted Buoy 3	37 51 00 N 122 25 00 W	Q G			Green.	
Emeryville Marina							
5360	- LIGHT 1	37 50 36 N 122 19 18 W	FI G 2s	14		SG on pile.	Private aid.
5365	- LIGHT 2		FI R 2s	14		TR on pile.	Private aid.
5370	- LIGHT 3	37 50 36 N 122 18 54 W	FI G 4s	14		SG on pile.	Private aid.
5375	- LIGHT 4		FI R 4s	14		TR on pile.	Private aid.
5380	- LIGHT 5	37 50 36 N 122 18 36 W	FI G 4s	14		SG on pile.	Private aid.
5385	- LIGHT 6		FI R 4s	14		TR on pile.	Private aid.
5390	- LIGHT 7	37 50 31 N 122 18 38 W	FI G 4s	17		SG on pile.	Private aid.
5395	- LIGHT 8	37 50 32 N 122 18 34 W	FI R 4s	17		TR on pile.	Private aid.
San Francisco Bay							
5400	- North Channel Lighted Horn Buoy 4	37 50 48 N 122 23 48 W	FI R 4s		4	Red.	HORN: 1 blast ev 10s (1s bl). Operates continuously.
5405	- NORTH CHANNEL LIGHT 5	37 51 45 N 122 25 08 W	FI G 2.5s	30	3	SG on pile.	
5410	- North Channel Lighted Buoy A	37 51 48 N 122 24 30 W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
5415	- North Channel Lighted Bell Buoy 6	37 51 42 N 122 23 48 W	FI R 4s		4	Red.	
5420	Treasure Island North End Light 6	37 50 00 N 122 22 21 W	FI R 2.5s	30	10	TR on pile.	
Berkeley							
5430	- MARINA CHANNEL LIGHT 2	37 50 51 N 122 21 37 W	FI R 4s	15	4	TR on pile.	
5435	- MARINA CHANNEL LIGHT 3	37 51 27 N 122 20 57 W	FI G 4s	15	4	SG on pile.	
5440	- BREAKWATER LIGHT 1	37 51 54 N 122 19 08 W	Q G	15	4	SG on post.	
5445	- BREAKWATER CENTER LIGHT	37 51 57 N 122 19 10 W	Q W	12	6	On post.	
5450	- BREAKWATER LIGHT 2	37 52 00 N 122 19 12 W	FI R 2.5s	15	4	TR on post.	Higher intensity beam towards Golden Gate. BELL: 1 stroke ev 15s. Operates continuously.
5455	- NORTH BREAKWATER LIGHT 3	37 52 01 N 122 19 16 W	FI G 4s	14	5	SG on pile.	Ra ref.
5460	- NORTH BREAKWATER LIGHT 4	37 52 05 N 122 19 13 W	FI R 4s	14	4	TR on pile.	Ra ref.
5465	- MARINA NORTH LIGHT	37 52 00 N 122 19 06 W	FI G 10s	35		On post.	Private aid.
5470	- MARINA SOUTH LIGHT		FI R 10s 2s fl 8s ec.	35		On post.	Private aid. HORN: 1 blast ev 17s (4s bl).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
5475	- REEF LIGHT 1	37 52 27 N 122 20 00 W	FI G 2.5s	13	3	SG on pile.	
San Francisco Bay							
5480	SOUTHAMPTON SHOAL LIGHT	37 52 54 N 122 24 00 W	Iso R 6s	32	6	White cylindrical tower.	BELL: 1 stroke ev 10s. Operates continuously.
5485	- <i>North Channel</i> <i>Lighted Buoy 8</i>	37 52 48 N 122 24 54 W	FI R 2.5s		4	Red.	
5490	- NORTH CHANNEL LIGHT 9	37 53 39 N 122 26 59 W	FI G 4s	25	4	SG on pile.	
5495	- <i>North Channel</i> <i>Lighted Buoy B</i>	37 54 06 N 122 26 42 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
5500	- <i>North Channel</i> <i>Lighted Bell</i> <i>Buoy 10</i>	37 54 00 N 122 26 12 W	FI R 4s		4	Red.	
5505	- <i>North Channel</i> <i>Lighted Buoy 12</i>	37 54 48 N 122 26 42 W	FI R 4s		4	Red.	
5510	- <i>North Channel</i> <i>Lighted Buoy C</i>	37 54 48 N 122 27 00 W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
5515	- <i>North Channel</i> <i>Lighted Buoy 14</i>	37 55 48 N 122 26 36 W	FI R 4s		3	Red.	
Corte Madera Channel							
5520	- LIGHT 2	37 55 42 N 122 28 06 W	Iso R 6s	3		TR on pile.	Private aid. Ra ref.
5530	- LIGHT 4		FI R 4s			TR on pile.	Private aid. Ra ref.
5535	- LIGHT 5	37 55 54 N 122 28 44 W	FI G 4s	9		SG on pile.	Private aid. Ra ref.
5536	- LIGHT 6	37 55 55 N 122 28 42 W	FI R 4s	9		TR on pole.	Ra Ref. Private aid.
5540	- LIGHT 7	37 56 03 N 122 29 08 W	FI G 2.5s	9		SG on pile.	Private aid. Ra ref.
5545	SF BAY CORTE MADERA CHANNEL LIGHT 8	37 56 05 N 122 29 02 W	FI R 2.5s	9		TR on pile.	Private aid. Ra ref.
5550	- LIGHT 9	37 56 10 N 122 29 29 W	FI G 2.5s	9		SG on pile.	Private aid. Ra ref.
5555	- LIGHT 10	37 56 14 N 122 29 28 W	FI R 4s	9		TR on pile.	Private aid. Ra ref.
5560	- LIGHT 11		FI G 2.5s	9		SG on pile.	Private aid. Ra ref.
5565	- LIGHT 12		FI R 4s			TR on pile.	Private aid. Ra ref.
5570	- LIGHT 13	37 56 25 N 122 30 02 W	FI G 4s	9		SG on pile.	Private aid. Ra ref.
5575	- LIGHT 14	37 56 28 N 122 30 01 W	FI R 4s	9		TR on pile.	Private aid. Ra ref.
5580	- LIGHT 15		FI G 2.5s	9		SG on pile.	Private aid. Ra ref.
5585	- LIGHT 16		FI R 4s			TR on pile.	Private aid. Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
5590	- LIGHT 17		FI G 4s	9		SG on pile.	Private aid. Ra ref.
5595	- LIGHT CM	37 56 34 N 122 30 25 W	FI (2+1)G 6s	9		JG on pile.	Private aid. Ra ref.
5628	Richmond-San Rafael Bridge RACON	37 56 06 N 122 26 42 W	Q (- • -)	185			BANDS: 20s (ev 30s). Private aid.
5629	Richmond-San Rafael Bridge RACON	37 56 00 N 122 25 30 W	T (-)	135			BANDS: 20s (ev 30s). Private aid.
San Francisco Bay							
5630	Richmond-San Rafael Bridge Fog Signals						Private aid. HORN (2): Sound simultaneously 2 blasts ev 30s (1s bl-1s si-1s bl-27s si).
5635	- North Channel Buoy 15	37 56 14 N 122 26 48 W				Green can.	
Southampton Shoal Channel							
5640	- <i>Lighted Buoy 1</i>	37 53 25 N 122 25 13 W	FI G 4s		4	Green.	
5645	- <i>Lighted Buoy 2</i>	37 53 26 N 122 25 04 W	FI R 2.5s		3	Red.	
5650	- <i>Lighted Buoy 3</i>	37 54 13 N 122 25 22 W	FI G 2.5s		4	Green.	
5655	- <i>Lighted Buoy 4</i>	37 54 14 N 122 25 12 W	FI R 4s		4	Red.	
5657	- <i>Lighted Buoy 5</i>	37 54 58 N 122 25 31 W	FI G 4s		4	Green.	
5659	- <i>Lighted Buoy 6</i>	37 54 58 N 122 25 11 W	FI R 2.5s		3	Red.	
5660	- <i>Lighted Buoy 7</i>	37 55 29 N 122 25 37 W	FI G 2.5s		4	Green.	
5661	- OUTFALL ARTICULATED LIGHT WCA 1	37 54 45 N 122 25 14 W	FI W 4s			White with orange bands.	RACON: K (- • -). Private aid.
5662	- OUTFALL ARTICULATED LIGHT WCA 2	37 54 45 N 122 24 55 W	FI W 4s			White with orange bands.	Private aid.
Richmond Harbor Channel							
5665	- <i>Lighted Buoy 2</i>	37 55 06 N 122 25 06 W	Q R		3	Red.	
5670	RICHMOND HARBOR APPROACH RANGE FRONT LIGHT	37 54 02 N 122 23 29 W	Q W	20		KRW on pile structure.	
5675	RICHMOND HARBOR APPROACH RANGE REAR LIGHT 340 yards, 132° from front light.	37 53 55 N 122 23 19 W	Iso W 6s	35		KRW on pile structure.	Visible all around with higher intensity on rangeline.
5680	- <i>Lighted Buoy 3</i>	37 54 54 N 122 24 36 W	FI G 4s		3	Green.	
5685	- LIGHT 4	37 54 22 N 122 24 03 W	Q R	15	3	TR on pile.	Ra ref.
5690	- <i>Lighted Buoy 5</i>	37 54 30 N 122 24 00 W	FI G 2.5s		3	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
5695	Richmond Harbor Jetty Daybeacon	37 54 13 N 122 23 31 W				NR on white frame on pile.	
5700	- Lighted Buoy 6		FI R 4s		3	Red.	
5705	- Lighted Buoy 7	37 54 24 N 122 23 12 W	FI G 4s		3	Green.	
5710	- LIGHT 8	37 54 15 N 122 23 05 W	FI R 6s	15	4	TR on pile.	Ra ref.
5715	BRICKYARD COVE HARBOR LIGHT 1		F G	8		On pile.	Private aid.
5720	BRICKYARD COVE HARBOR LIGHT 2		F R	8		On pile.	Private aid.
5725	- LIGHT 9	37 54 18 N 122 22 31 W	FI G 4s	10	4	SG on pile.	Ra ref.
5730	- LIGHT 10	37 54 12 N 122 22 33 W	FI R 4s	15	3	TR on pile.	Ra ref.
5735	- LIGHT 12	37 54 05 N 122 22 01 W	FI R 2.5s	25	4	TR on pile.	Ra ref.
5740	POINT POTRERO REACH RANGE FRONT PASSING LIGHT 14	37 54 09 N 122 21 37 W	Q R	22	14	KRW on pile.	Visible 3° each side of rangeline.
5741	POINT POTRERO REACH RANGE REAR LIGHT 343 yards, 099.3° from front light.	37 54 07 N 122 21 25 W	Iso R 6s	46	14	KRW on pile.	Visible 3° each side of rangeline.
5745	- Daybeacon 16	37 54 21 N 122 31 35 W				TR on pile.	
5750	- LIGHT 18	37 54 28 N 122 21 37 W	FI R 2.5s	15	3	TR on pile.	
5760	Richmond Long Wharf Fog Signal	37 55 20 N 122 24 36 W				Building on wharf.	Private aid. HORN: 2 blasts ev 30s (2s bl- 2s si-1s bl-24s si).
5765	Richmond Long Wharf Inner Fog Signal	37 55 30 N 122 24 20 W				On wharf.	Private aid. BELL: 1 stroke ev 20s.
Richmond-San Rafael Bridge East Channel							
5775	Castro Rocks Lighted Buoy 2CR	37 55 54 N 122 25 18 W	FI R 4s		3	Red.	
5780	- Fog Signal						Private aids. HORN (2): Sound simultaneously 1 blast ev 15s (1s bl).
5785	- Buoy 6	37 56 12 N 122 25 36 W				Red nun.	
5810	SAN RAFAEL OUTFALL LIGHT	37 56 54 N 122 27 42 W	FI Y 4s	13		NW on pile worded OUTFALL.	Private aid.
5815	San Francisco Bay North Channel Lighted Buoy 16	37 57 18 N 122 26 30 W	Q R		4	Red.	
5820	San Francisco Bay North Channel Lighted Bell Buoy 18	37 57 35 N 122 26 24 W	FI R 2.5s		4	Red.	
5825	SAN FRANCISCO BAY NORTH CHANNEL LIGHT 17	37 57 26 N 122 27 26 W	FI G 4s	15	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							
San Rafael Creek							
5830	- RANGE FRONT LIGHT	37 58 15 N 122 29 48 W	Q R	15		KRW on pile.	Visible all around; higher intensity on rangeline.
5835	- RANGE REAR LIGHT 360 yards, 293° from front light.	37 58 19 N 122 30 00 W	Oc R 4s	25		KRW on pile.	Visible 1° each side of rangeline.
5840	- LIGHT 1	37 57 41 N 122 28 12 W	FI G 2.5s	20	4	SG on pile.	
5845	- LIGHT 3	37 57 50 N 122 28 36 W	FI G 4s	20	4	SG on pile.	
5850	- LIGHT 5	37 57 59 N 122 29 03 W	FI G 6s	20	4	SG on a pile.	
5855	- LIGHT 6	37 58 07 N 122 29 22 W	FI R 4s	10	3	TR on pile.	Ra ref.
5860	- LIGHT 7	37 58 11 N 122 29 38 W	FI G 2.5s	10	3	SG on pile.	Ra ref.
5865	East Brother Island Light	37 57 47 N 122 26 00 W	FI W 5s	61	17	Buff square tower on dwelling.	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.

Section 5

California

San Pablo Bay, Suisun Bay, San Joaquin River, and Sacramento River

(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							
5875	- Lighted Buoy 2	37 58 06 N 122 25 48 W	FI R 4s		4	Red.	
5880	- LIGHT 4	37 58 52 N 122 25 04 W	FI R 6s	15	4	TR on pile.	Ra ref.
5885	- CHANNEL LIGHT 5	38 00 42 N 122 24 54 W	FI G 2.5s	15	3	SG on pile structure.	Ra ref.
5890	- Channel Lighted Buoy E	38 00 36 N 122 24 12 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
5895	POINT PINOLE LIGHT P	38 00 59 N 122 22 02 W	FI W 2.5s	15	5	NR on pile.	Ra ref.
5898	SAN PABLO BAY ANCH 19 MOORING BUOY A	38 01 40 N 122 25 00 W	FI W 4s				Private aid.
5900	- Channel Lighted Buoy 7		FI G 4s		3	Green.	Ra ref.
5905	- Channel Lighted Buoy 8	38 01 48 N 122 22 18 W	FI R 4s		4	Red.	Ra ref.
5910	- Channel Lighted Buoy 9	38 02 30 N 122 21 10 W	FI G 6s		4	Green.	Ra ref.
5915	- Channel Lighted Buoy 10	38 02 24 N 122 21 00 W	FI R 6s		4	Red.	
5920	- CHANNEL LIGHT 11	38 03 10 N 122 19 50 W	Q G	15	3	SG on pile.	Ra ref.
5922	PINOLE SHOAL RANGE FRONT LIGHT	38 03 16 N 122 19 26 W	FI G 2.5s	22		KRW on pile.	Visible 4° each side of rangeline.
5923	PINOLE SHOAL RANGE REAR LIGHT	38 03 20 N 122 19 18 W	Iso G 6s	54		KRW on pile.	Visible 4° each side of rangeline.
5925	- CHANNEL LIGHT 12	38 02 58 N 122 19 46 W	FI R 2.5s	15	3	TR on pile structure.	Ra ref.
5930	- CHANNEL LIGHT 13	38 03 21 N 122 18 30 W	FI G 4s	15	4	SG on pile structure.	Ra ref.
5935	- CHANNEL LIGHT 14	38 03 13 N 122 18 28 W	FI R 4s	15	3	TR on pile structure.	Ra ref.
5940	- CHANNEL LIGHT 15	38 03 32 N 122 17 27 W	FI G 2.5s	15	3	SG on pile structure.	HORN: 1 blast ev 10s (1s bl). Operates continuously from Oct. 1 to Apr. 1. Ra ref.
5945	SEQUOIA OIL WHARF WEST LIGHT	38 03 12 N 122 16 30 W	F W	31		On wharf.	Private aid.
5950	Sequoia Oil Wharf Fog Signal						Private aid. HORN: 1 blast ev 20s (2s bl).
5955	SEQUOIA OIL WHARF EAST LIGHT		F W	31			Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
5960	OLEUM WHARF WEST LIGHTS (4)	38 03 24 N 122 15 48 W	F R	12			Private aids. BELL: 1 stroke ev 5s.
5965	OLEUM WHARF EAST LIGHTS (4)		F R	12			Private aids. HORN: 1 blast ev 18s (2s bl).
5970	SAN PABLO BAY LIGHT 17	38 04 09 N 122 15 10 W	FI G 6s	30	4	SG on post.	
Petaluma River							
5975	- ENTRANCE LIGHT 1	38 02 42 N 122 25 43 W	FI G 4s	15	4	SG on pile.	Ra ref.
5980	- ENTRANCE LIGHT 2	38 02 56 N 122 25 19 W	FI R 2.5s	10	4	TR on pile.	
5985	- Entrance Channel Daybeacon 3	38 03 29 N 122 25 46 W				SG on pile.	
5990	- ENTRANCE CHANNEL LIGHT 4	38 03 31 N 122 25 26 W	FI R 4s	15	3	TR on pile.	Ra ref.
5995	- Entrance Channel Daybeacon 5	38 04 15 N 122 25 42 W				SG on pile.	
6000	- ENTRANCE CHANNEL LIGHT 6	38 04 15 N 122 25 36 W	FI R 2.5s	15	3	TR on pile.	
6005	- Entrance Channel Daybeacon 7	38 04 47 N 122 26 07 W				SG on pile.	
6010	- ENTRANCE CHANNEL LIGHT 8	38 04 49 N 122 26 04 W	FI R 4s	15	3	TR on pile.	Ra ref.
6015	- Entrance Channel Daybeacon 9	38 05 19 N 122 26 32 W				SG on pile.	
6020	- ENTRANCE CHANNEL LIGHT 10	38 05 20 N 122 26 29 W	FI R 4s	10	3	TR on pile.	
6025	- Entrance Channel Daybeacon 11	38 05 49 N 122 26 57 W				SG on pile.	
6030	- ENTRANCE CHANNEL LIGHT 12	38 05 51 N 122 26 54 W	FI R 4s	10	3	TR on pile.	Ra ref.
6035	- Entrance Channel Daybeacon 13	38 06 18 N 122 27 22 W				SG on pile.	
6040	- ENTRANCE CHANNEL LIGHT 14	38 06 19 N 122 27 17 W	FI R 4s	20	3	TR on pile.	
6045	- Entrance Channel Daybeacon 15	38 06 33 N 122 27 57 W				SG on pile.	
6050	- ENTRANCE CHANNEL LIGHT 16	38 06 36 N 122 27 56 W	FI R 4s	10	3	TR on pile.	Ra ref.
6055	- Entrance Channel Daybeacon 17	38 06 37 N 122 28 26 W				SG on pile.	
6060	- ENTRANCE CHANNEL LIGHT 18	38 06 40 N 122 28 26 W	FI R 6s	10	4	TR on pile.	Ra ref.
6065	- Entrance Channel Daybeacon 19	38 06 37 N 122 29 07 W				SG on pile.	
6070	- ENTRANCE CHANNEL LIGHT 20	38 06 41 N 122 29 07 W	FI R 4s	15	4	TR on pile.	
6075	- Buoy 2	38 11 51 N 122 33 41 W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
6080	- Buoy 4	38 11 54 N 122 33 49 W				Red nun.	
6085	- Daybeacon 5	38 12 13 N 122 34 10 W				SG on pile.	
Mare Island Strait							
6090	- <i>Mare Island Strait Lighted Buoy 1</i>	38 04 12 N 122 14 52 W	FI G 2.5s		3	SG on pile.	
6095	- LIGHT 2	38 04 10 N 122 14 41 W	FI R 2.5s	20	5	TR on pile.	
6100	- LIGHT 3	38 04 25 N 122 14 46 W	Q G	15	3	SG on pile.	
6105	- LIGHT 4	38 04 25 N 122 14 38 W	Q R	15	3	TR on pile.	
6106	- <i>Lighted Buoy 5</i>	38 04 48 N 122 14 54 W	FI G 2.5s		4	Green.	
6108	- <i>Lighted Buoy 7</i>	38 05 12 N 122 15 12 W	FI G 4s		4	Green.	
Vallejo							
6110	- YACHT CLUB NORTH LIGHT	38 06 30 N 122 16 06 W	F G	5		Pile.	Private aid.
6115	- YACHT CLUB LIGHT		F R	5		Pile.	Private aid.
6120	- MARINA NORTH ENTRANCE WEST LIGHT	38 06 37 N 122 16 21 W	FI G 2.5s	7		On post on breakwater.	Private aid.
6125	- MARINA NORTH ENTRANCE EAST LIGHT	38 06 36 N 122 16 20 W	FI R 2.5s	7		On post on breakwater.	Private aid.
6136	- MARINA SOUTH ENTRANCE WEST LIGHT	38 06 24 N 122 16 06 W	FI G 6s	7		On post on breakwater.	Private aid.
6137	- MARINA SOUTH ENTRANCE EAST LIGHT	38 06 23 N 122 16 03 W	FI R 6s	7		On post on breakwater.	Private aid.
Napa River							
6140	- Daybeacon 2	38 07 48 N 122 16 44 W				TR on pile.	
6145	- LIGHT 3	38 08 28 N 122 17 01 W	FI G 4s	19	4	SG on pile structure.	
6150	- Buoy 4WR	38 09 20 N 122 17 36 W				Red nun.	Buoy marks wreck.
6155	PACIFIC GAS AND ELECTRIC COMPANY TOWER LIGHT	38 09 15 N 122 17 53 W	Q W	10		Transmission tower.	Private aid.
6160	- LIGHT 7	38 10 34 N 122 17 41 W	FI G 4s	15	4	SG on pile structure.	
6165	- LIGHT 8	38 10 50 N 122 17 57 W	FI R 4s	15	3	TR on pile.	
6170	- LIGHT 9	38 10 49 N 122 18 22 W	FI G 2.5s	15	3	SG on pile.	
6175	- LIGHT 11	38 10 59 N 122 18 44 W	FI G 4s	15	4	SG on pile.	
6180	- LIGHT 13	38 11 32 N 122 18 51 W	FI G 4s	15	4	SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
6185	- RANGE FRONT LIGHT 14	38 12 20 N 122 18 25 W	Q W	12		KRW and TR on pile.	Ra ref.
6190	- RANGE REAR LIGHT 100 yards, 183° from front light.	38 12 16 N 122 18 26 W	Iso W 6s	17		KRW on pile.	Ra ref.
6195	- LIGHT 15	38 13 25 N 122 18 34 W	FI G 4s	15	4	SG on pile.	
6200	- LIGHT 16	38 13 56 N 122 17 17 W	FI R 4s	15	3	TR and white platform on pile structure.	
6201	- Light 18	38 14 47 N 122 17 03 W	FI R 4s	15	3	TR and white platform on pile structure.	
6202	- Light 20	38 15 12 N 122 17 04 W	FI R 4s	15	3	TR on pile.	
6203	- Daybeacon 23	38 16 06 N 122 17 11 W		15		SG on pile.	
6204	- Light 25	38 16 16 N 122 17 14 W	FI G4s	15	3	SG on pile.	
6205	- LIGHT 26	38 16 22 N 122 17 07 W	FI R 4s	15	3	TR on pile.	
6206	- Light 28	38 16 30 N 122 16 57 W	FI R 4s	15	3	TR on pile.	
6207	- Light 30	38 16 43 N 122 16 55 W	FI R 4s	15	3	TR on pile.	
6207.1	NAPA RIVER LIGHT 32	38 16 47 N 122 17 01 W	FI R 4s	15			
6207.2	NAPA RIVER LIGHT 34	38 17 03 N 122 17 09 W	FI R 4s	15	5		
6208	- Daybeacon 36	38 17 12 N 122 17 00 W		15		TR on pile.	
6209	Napa River Light 38	38 17 23 N 122 16 58 W	FI R 4s	15	3	TR on pile.	
6210	- LIGHT 20	38 17 33 N 122 16 53 W	FI R 4s	15	3	TR on pile.	
6210.1	- Light 42	38 17 42 N 122 16 56 W	FI R 4s	15	3	TR on pile.	
6210.2	NAPA RIVER LIGHT 34	38 17 47 N 122 16 54 W	FI R 4s	15	5		
6210.3	Napa River Daybeacon 46	38 17 51 N 122 16 58 W	FI G 4s	15	3	SG on pile.	
SUSUIN BAY (Chart 18656)							
Carquinez Strait							
6211	- SHORE OIL TERMINAL WHARF LIGHTS EAST (2)	38 03 32 N 122 14 28 W	Q W	10			Private aid.
6212	- SHORE OIL TERMINAL WHARF LIGHTS WEST (2)	38 03 32 N 122 14 30 W	Q W	10			Private aid.
6214	- Buoy BP	33 03 40 N 122 13 39 W				Red and green bands.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
6215	- Bridge Pier Fog Signal	38 03 42 N 122 13 36 W				On center pier.	Private aid. BELL: 1 stroke ev 10s. On north side of center pier. HORN: 1 blast ev 30s (2s bl).
6216	- Bridge North Channel RACON	38 03 48 N 122 13 36 W	N (- •)	148		Mid-span on north channel.	BANDS: Alternating 20s (X 10s, S 10s). Private aid.
6217	- Bridge South Channel RACON	38 03 30 N 122 13 36 W	C (- • - •)	139		Mid-span on south channel.	BANDS: Alternating 20s (X 10s, S 10s). Private aid.
6220	- Bridge Pier 2 Fog Signal	38 03 54 N 122 13 36 W					Private aid. BELL: 1 stroke ev 3s.
6222	GLEN COVE MARINA ENTRANCE LIGHT 1	38 04 00 N 122 12 48 W	FI G 4s	10		On pile.	Private aid.
6223	GLEN COVE MARINA ENTRANCE LIGHT 2	38 04 00 N 122 12 48 W	FI R 4s	10		On pile.	Private aid.
6225	- LIGHT 21	38 03 35 N 122 11 39 W	FI G 4s	20	3	SG on pile.	
6230	- LIGHT 20	38 03 14 N 122 11 44 W	FI R 4s	16	3	TR on pile.	
6232	- Lighted Buoy 21A	38 03 22 N 122 10 53 W	FI G 2.5s		3	Green.	
6235	- LIGHT 22	38 02 55 N 122 11 01 W	FI R 6s	20	4	TR on pile.	
6240	- LIGHT 23	38 02 36 N 122 10 02 W	FI G 4s	20	3	SG on pile.	
6245	- Lighted Buoy 25	38 02 00 N 122 09 42 W	Q G		3	Green.	
6247	BENICIA MARINA LIGHT 1	38 02 30 N 122 09 30 W	FI G 5s	5	3	SG on post.	Private aid.
6248	BENICIA MARINA LIGHT 2		FI R 5s	5	3	TR on post.	Private aid.
6250	BENICIA WHARF LIGHT	38 02 24 N 122 08 18 W	FI G 4s	12	5	Corner of pier.	
6252	OZOL PIER WEST LIGHT	38 01 46 N 122 09 47 W	F R			West pier corner.	Private aid.
6253	Ozol Pier East Light	38 01 41 N 122 09 37 W	F R			East Pier Conner	Private aid
6255	MARTINEZ MARINA LIGHT 1	38 01 42 N 122 08 18 W	FI G 4s	7		On pile.	Private aid.
6260	MARTINEZ MARINA LIGHT 2		FI R 4s	7		On pile.	Private aid.
6265	SHELL OIL WHARF WEST END LIGHT	38 01 49 N 122 08 03 W	Q R	24		Mooring dolphin.	Private aid.
6270	Shell Oil Wharf Fog Signal						Private aid. HORN: 1 blast ev 20s (5s bl).
6275	SHELL OIL WHARF EAST END LIGHT	38 01 59 N 122 07 44 W	Oc R 2.4s	24		Mooring dolphin.	Private aid.
6280	AMORCO WHARF LIGHTS (2)	38 02 06 N 122 07 30 W	F R	26 32		On posts on dolphins.	Private aids. BELL: 2 strokes ev 15s.
6285	Benicia-Martinez Highway Bridge Main Channel Fog Signal	38 02 18 N 122 07 12 W					Private aid. HORN: 1 blast ev 20s (1.5s bl).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
6286	Benicia-Martinez Highway Bridge RACON B	38 02 18 N 122 07 12 W	B (-...)	135		Mid-span, center of channel.	Private aid.
6290	Benicia-Martinez Highway Bridge Secondary Channel Fog Signal	38 02 36 N 122 07 30 W					Private aid. HORN: 2 blasts ev 20s (1s bl- 1s si-1s bl-17s si).
6295	Benicia-Martinez Railroad Bridge Pier 13 Fog Signal	38 02 18 N 122 07 12 W					Private aid. SIREN: 2 blasts ev 20s (1s bl- 2s si-1s bl-16s si).
6300	Benicia-Martinez Railroad Bridge Pier 17 Fog Signal	38 02 36 N 122 07 24 W					Private aid. SIREN: 1 blast ev 20s (3s bl).
Suisun Bay							
6305	- Channel Buoy 2	38 02 12 N 122 07 18 W				Red nun.	
6310	- Channel Buoy 3	38 02 18 N 122 07 24 W				Green can.	
6315	Suisun Bay Buoy 2A	38 02 21 N 122 07 03 W				Red nun.	
6320	Suisun Bay Buoy 3A	38 02 26 N 122 07 07 W				Green can.	
6325	- NORTH CHANNEL LIGHT 2	38 02 52 N 122 06 42 W	FI R 2.5s	15	3	TR on pile.	Ra ref.
6330	- NORTH CHANNEL LIGHT 4	38 03 53 N 122 05 47 W	FI R 6s	15	4	TR on pile.	Ra ref.
6335	- NORTH CHANNEL LIGHT 6	38 04 47 N 122 04 55 W	FI R 4s	15	3	TR on pile.	Ra ref.
Suisun Slough Entrance							
6345	- LIGHT 9	38 06 29 N 122 03 22 W	FI G 4s	15	4	SG on pile.	Ra ref.
6350	- LIGHT 10	38 07 08 N 122 03 43 W	FI R 4s	15	3	TR on pile.	Ra ref.
Suisun Bay							
6355	- Channel Lighted Buoy 6	38 02 30 N 122 06 42 W	FI R 4s		3	Red.	
6360	- Channel Lighted Buoy 7	38 02 54 N 122 06 00 W	FI G 4s		3	Green.	
6365	AVON WHARF WEST LIGHTS (3)	38 02 30 N 122 05 42 W	F R	16		On wharf.	Private aids. HORN: 1 blast ev 10s (2s bl).
6370	AVON WHARF EAST LIGHT		F W	21		On wharf.	Private aid. HORN: 2 blasts ev 25s (2s bl- 2s si-2s bl-19s si). 65 yards, 083° from light.
6375	POINT EDITH CROSSING SOUTH RANGE FRONT LIGHT	38 02 56 N 122 05 23 W	Q W	24		KRW on pile.	Ra ref.
6380	POINT EDITH CROSSING SOUTH RANGE REAR LIGHT 439 yards, 236.7° from front light. Rangeline is 25 feet south of channel centerline.	38 02 48 N 122 05 36 W	Iso W 6s	32		KRW 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							
6385	- Channel Lighted Buoy 9	38 03 12 N 122 04 54 W	FI G 2.5s		3	Green.	
	Seal Islands Channel						
6390	- LIGHT 2	38 03 12 N 122 04 16 W	FI R 6s	20	4	TR on pile.	
6395	SEAL ISLAND CHANNEL LIGHT 3	38 03 22 N 122 03 56 W	FI G 6s	20	4	SG on pile.	
6400	- Daybeacon 4	38 03 14 N 122 03 54 W				TR on pile.	
6405	- Daybeacon 5	38 03 12 N 122 03 22 W				SG on pile.	
6410	- Daybeacon 6	38 03 07 N 122 03 22 W				TR on pile.	
6420	- Daybeacon 9	38 03 32 N 122 02 21 W				SG on pile.	
	Suisun Bay						
6425	- Channel Lighted Buoy 10	38 03 30 N 122 04 18 W	FI R 2.5s		3	Red.	
6433	POINT EDITH CROSSING RANGE FRONT LIGHT	38 03 55 N 122 03 31 W	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 N 122 03 21 W	Iso W 6s	30		KRW on pile.	Visible all around; higher intensity on rangeline.
6440	- CHANNEL LIGHT 11	38 03 51 N 122 03 44 W	FI G 4s	16	4	SG on pile.	Ra ref.
6445	- Channel Lighted Buoy 12	38 03 48 N 122 03 42 W	FI R 4s		3	Red.	
6450	- Channel Lighted Buoy 13		Q G		3	Green.	
6455	- Channel Lighted Buoy 14	38 03 54 N 122 03 12 W	Q R		3	Red.	
6460	- Channel Lighted Buoy 15	38 04 00 N 122 02 36 W	FI G 4s		3	Green.	
6465	- CHANNEL LIGHT 16	38 03 55 N 122 02 36 W	FI R 4s	15	3	TR on pile.	Ra ref.
6467	- Channel Lighted Buoy 16A	38 03 48 N 122 01 54 W	FI R 6s			Red.	
6470	ROE ISLAND CHANNEL RANGE FRONT LIGHT	38 04 00 N 122 02 47 W	Q W	19		KRW on pile structure.	Visible 10° each side of rangeline.
6475	ROE ISLAND CHANNEL RANGE REAR LIGHT 515 yards, 284° from front light.	38 04 03 N 122 03 05 W	Iso W 6s	31		KRW on pile structure.	Visible 10° each side of rangeline.
6500	- PIER 2 WEST END LIGHT	38 03 30 N 122 01 36 W	F R	25	2	On post.	Private aid. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si).
6505	- Channel Lighted Buoy 17	38 03 42 N 122 01 12 W	FI G 2.5s		3	Green.	
6506	Suisun Bay Buoy 1	38 03 57 N 122 00 52 W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
6506.5	Suisun Bay Buoy 2	38 03 49 N 122 01 01 W				Red nun.	
6507	Suisun Bay Buoy 3	38 03 55 N 122 00 48 W				Green can.	
6507.5	Suisun Bay Buoy 4	38 03 49 N 122 00 48 W				Red nun.	
6508	Suisun Bay Buoy 5	38 03 50 N 122 00 27 W				Green can.	
6508.5	Suisun Bay Buoy 6	38 03 47 N 122 00 30 W				Red nun.	
6509	Suisun Bay Buoy 7	38 03 46 N 122 00 09 W				Green can.	
6509.5	Suisun Bay Buoy 8	38 03 43 N 122 00 03 W				Red Nun.	
6510	- Channel Lighted Buoy 19	38 03 36 N 122 00 06 W	Q G		3	Green.	
6515	- PIER 4 EAST END LIGHT		F R	25	2	On post.	Private aid. HORN: 1 blast ev 15s (3s bl).
6520	MIDDLE POINT LIGHT	38 03 17 N 121 59 32 W	FI W 4s	20	5	NR on pile	
6525	- Channel Lighted Buoy 20		FI R 4s		3	Red.	
6530	- Restricted Area Buoy A	38 03 24 N 121 59 18 W				Yellow nun.	
6535	- Channel Lighted Buoy 21	38 03 36 N 121 59 00 W	FI G 4s		3	Green.	
6540	- Channel Lighted Buoy 22	38 03 34 N 121 58 58 W	Q R		3	Red.	
6542	- Channel Lighted Buoy 23	38 03 30 N 121 57 48 W	FI G 2.5s		3	Green.	
6555	- Channel Lighted Buoy 24	38 03 24 N 121 57 48 W	FI R 2.5s		3	Red.	
6557	CHANNEL LIGHT 24A	38 03 18 N 121 57 15 W	FI R 4s	15	3	TR on pile.	Ra ref.
6570	- LIGHT 26	38 03 03 N 121 57 00 W	FI R 4s	16	3	TR on pile.	
6575	- LIGHT 27	38 03 11 N 121 56 06 W	FI G 4s	20	4	SG on white pile.	Ra ref.
6580	- LIGHT 28	38 02 33 N 121 55 06 W	FI R 2.5s	20	3	TR on pile structure.	Higher intensity beam up and down channel.
6585	- Channel Lighted Buoy 30	38 02 42 N 121 53 24 W	Q R		4	Red.	
6590	New York Slough Lighted Buoy NY	38 02 42 N 121 53 06 W	FI (2+1) G 6s		3	Green and red bands.	
6595	- LIGHT 31	38 02 58 N 121 53 15 W	FI G 6s	15	4	SG on pile.	Ra ref.
6600	NEW YORK SLOUGH LIGHT 2	38 02 34 N 121 53 12 W	FI R 4s	20	4	TR on pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
Pittsburg Marina							
6602	- WEST BASIN LIGHT 1	38 02 26 N 121 53 09 W	FI G 4s	5		SG on pile.	Private aid.
6603	- WEST BASIN LIGHT 2	38 02 27 N 121 53 09 W	FI R 4s	5		TR on pile.	Private aid.
6605	- LIGHT 1	38 02 11 N 121 52 54 W	FI G 4s	11		On breakwater.	Private aid.
6610	- LIGHT 2	38 02 12 N 121 52 56 W	FI R 4s	11		On breakwater.	Private aid.
6615	- LIGHT 4	38 02 11 N 121 52 55 W	FI R 4s	11		On breakwater.	Private aid.
New York Slough							
6620	- LIGHT 3	38 02 15 N 121 52 47 W	FI G 4s	20	4	SG on pile.	
6623	NEW YORK SLOUGH KOCH WEST LIGHT	38 01 57 N 121 52 14 W	F W	57		On dolphin.	Private aid.
6624	NEW YORK SLOUGH KOCH EAST LIGHT	38 01 55 N 121 52 10 W	F W	57		On dolphin.	Private aid.
6625	- LIGHT 5	38 01 57 N 121 52 04 W	FI G 2.5s	20	4	SG on pile.	
6630	- LIGHT 7	38 01 55 N 121 51 28 W	FI G 4s	15	4	SG on pile.	
6635	- LIGHT 8	38 01 48 N 121 51 13 W	FI R 2.5s	20	4	TR on pile.	
6640	- LIGHT 10	38 01 36 N 121 50 47 W	FI R 4s	15	3	TR on post.	
6645	- LIGHT 11	38 01 42 N 121 50 36 W	FI G 2.5s	18	4	SG on pile.	
6645.5	<i>New York Slough Delta Diablo Outfall Lighted Buoy DD</i>	38 01 36 N 121 50 24 W	FI W 4s	8		White with orange bands.	Private aid.
6646	<i>New York Slough Lighted Buoy 13</i>	38 01 42 N 121 50 00 W	Q G		3	Green.	Ra ref.
Suisun Bay							
6650	- LIGHT 33	38 03 39 N 121 52 19 W	FI G 2.5s	15	4	SG on pile.	Ra ref.
6655	- LIGHT 34	38 03 29 N 121 52 02 W	FI R 2.5s	16	3	TR on pile.	Ra ref.
SUISUN BAY (Chart 18659)							
San Joaquin River							
6660	Point Beemar Daybeacon	38 01 50 N 121 50 15 W		20		NB on pile.	
6665	San Joaquin River Daybeacon 1	38 01 49 N 121 49 47 W				SG on pile.	
6670	- LIGHT 2	38 01 37 N 121 49 46 W	FI R 2.5s	20	3	TR on pile.	
6675	- LIGHT 3	38 01 43 N 121 49 29 W	FI G 2.5s	16	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							
6677	ANTIOCH MARINA ENTRANCE LIGHT 1	38 01 18 N 121 49 18 W	Q G	11		On pile.	Private aid.
6678	ANTIOCH MARINA ENTRANCE LIGHT 2		Q R	11		On pile.	Private aid.
6680	- LIGHT 5	38 01 25 N 121 49 03 W	FI G 4s	20	4	SG on pile.	Ra ref.
6685	- LIGHT 8	38 01 14 N 121 48 24 W	Q R	25	3	TR on pile.	
6690	- LIGHT 7	38 01 20 N 121 48 26 W	FI G 4s	20	3	SG on pile.	
SACRAMENTO AND SAN JOAQUIN RIVERS (Chart 18661)							
San Joaquin River							
6691	Gaylord Turning Basin Daybeacon 3	38 01 03 N 121 46 41 W				SG on pile.	Private aid.
6692	Gaylord Turning Basin Daybeacon 5					SG on pile.	Private aid.
6693	Gaylord Turning Basin Daybeacon 7					SG on pile.	Private aid.
6695	- LIGHT 9	38 01 30 N 121 47 27 W	FI G 4s	20	4	SG on pile.	
6700	- LIGHT 11	38 01 46 N 121 45 59 W	FI G 4s	15	4	SG on pile.	Ra ref.
6705	- LIGHT 10	38 01 38 N 121 46 10 W	FI R 4s	15	3	TR on pile.	Ra ref.
6710	- Buoy 13	38 01 42 N 121 45 12 W				Green can.	
6715	- Buoy 14	38 01 36 N 121 45 12 W				Red nun.	
6717	Antioch Bridge RACON	38 01 42 N 121 45 06 W	Z (— • •)	138		Mid span, center of channel.	Private aid.
6720	- Buoy 15	38 01 42 N 121 44 54 W				Green can.	
6725	- Buoy 16	38 01 36 N 121 44 54 W				Red nun.	
6730	- LIGHT 17	38 01 44 N 121 44 20 W	FI G 4s	15	4	SG on pile.	Ra ref.
6733	- <i>Lighted Buoy 17A</i>	38 02 00 N 121 43 34 W	FI G 2.5s		3	Green.	
6735	- <i>Lighted Buoy 18</i>	38 01 36 N 121 44 12 W	FI R 4s		3	Red.	
6739	- LIGHT 18A	38 01 55 N 121 43 12 W	FI R 4s	25	3	TR on post.	
6740	- LIGHT 19	38 02 11 N 121 42 26 W	FI G 2.5s	15	3	SG on pile.	Ra ref.
6745	- <i>Lighted Buoy 21</i>	38 02 30 N 121 42 00 W	FI G 6s		3	Green.	
6750	- LIGHT 23	38 02 44 N 121 41 47 W	FI G 4s	15	4	SG on pile.	
6755	- LIGHT 24	38 03 07 N 121 41 20 W	FI R 2.5s	20	3	TR on white skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
6760	- <i>Lighted Buoy 25</i>	38 03 36 N 121 40 48 W	FI G 2.5s		3	Green.	
6765	- LIGHT 26	38 03 58 N 121 40 31 W	FI R 4s	15	4	TR on pile structure.	Ra ref.
6767	- LIGHT 27	38 04 26 N 121 40 42 W	FI G 4s	15	4	SG on pile structure.	Ra ref.
6770	- LIGHT 28	38 05 00 N 121 40 40 W	FI R 4s	15	4	TR on pile.	Ra ref.
6775	THREEMILE SLOUGH LIGHT 1	38 05 08 N 121 41 10 W	FI G 4s	15	4	SG on pile.	
6780	- LIGHT 29	38 05 18 N 121 40 57 W	FI G 4s	15	4	SG on pile.	Ra ref.
6785	- <i>Lighted Buoy 30</i>	38 05 30 N 121 40 36 W	FI R 4s		3	Red.	
6790	- <i>Lighted Buoy 32</i>	38 05 42 N 121 40 24 W	FI R 2.5s		3	Red.	
6795	- LIGHT 33	38 05 50 N 121 40 08 W	FI G 4s	15	4	SG on pile.	Ra ref.
6797	- <i>Lighted Buoy 33A</i>	38 05 36 N 121 39 18 W	FI G 4s		4	Green.	
6800	- LIGHT 34	38 05 23 N 121 39 15 W	FI R 4s	15	3	TR on pile.	Ra ref.
6805	- LIGHT 35	38 05 22 N 121 38 56 W	FI G 2.5s	15	3	SG on pile.	Ra ref.
6810	- LIGHT 35A	38 05 17 N 121 38 36 W	FI G 6s	15	3	SG on pile.	Ra ref.
6815	- LIGHT 36	38 05 07 N 121 38 28 W	FI R 4s	15	3	TR on pile.	Ra ref.
6820	- LIGHT 37	38 05 24 N 121 38 09 W	FI G 4s	15	4	SG on pile.	Ra ref.
6825	- LIGHT 38	38 05 47 N 121 37 45 W	FI R 6s	15	4	TR on pile.	Ra ref.
6830	- LIGHT 39	38 06 07 N 121 37 38 W	FI G 4s	17	4	SG on pile.	Ra ref.
6833	- <i>Lighted Buoy 40</i>	38 06 12 N 121 36 54 W	FI R 4s		3	Red.	
6835	- LIGHT 41	38 06 19 N 121 36 58 W	FI G 4s	15	4	SG on pile.	Ra ref.
6840	- LIGHT 42	38 06 03 N 121 36 09 W	FI R 4s	15	4	TR on pile.	Ra ref.
6845	- LIGHT 43	38 06 04 N 121 35 42 W	FI G 2.5s	18	3	SG on pile.	Ra ref.
6850	- LIGHT 44	38 05 49 N 121 35 13 W	FI R 2.5s	15	3	TR on pile.	Ra ref.
6853	- LIGHT 45	38 05 56 N 121 35 00 W	FI G 2.5s	15	3	SG on pile.	Ra ref.
6855	- LIGHT 46	38 05 46 N 121 34 53 W	Q R	15	3	TR on pile.	Ra ref.
6857	- LIGHT 48	38 05 34 N 121 34 37 W	FI R 4s	15	3	TR on pile.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
6860	- LIGHT 49	38 05 30 N 121 34 24 W	FI G 4s	15	4	SG on pile.	Ra ref.
6865	- LIGHT 47	38 05 44 N 121 34 34 W	Q G	15	4	SG on pile.	Ra ref.
6870	- LIGHT 51	38 05 03 N 121 34 19 W	FI G 2.5s	15	3	SG on pile.	Ra ref.
6872	- LIGHT 52	38 05 01 N 121 34 28 W	FI R 4s	15	3	TR on pile.	Ra ref.
6875	- LIGHT 53	38 04 48 N 121 34 09 W	FI G 4s	15	4	SG on pile.	Ra ref.
6880	- <i>Lighted Buoy 54</i>	38 04 36 N 121 34 06 W	FI R 2.5s		3	Red.	
6885	- LIGHT 55	38 04 33 N 121 33 48 W	FI G 4s	15	4	SG on column.	Ra ref.
6890	- LIGHT 56	38 04 06 N 121 33 40 W	FI R 4s	15	3	TR on pile.	Ra ref.
6895	- LIGHT 57	38 03 38 N 121 33 19 W	FI G 4s	15	4	SG on pile.	Ra ref.
6900	- LIGHT 58	38 03 31 N 121 33 24 W	Q R	15	3	TR on white column.	Ra ref.
Stockton Channel							
6905	- RANGE B FRONT LIGHT	38 03 11 N 121 30 32 W	Q W	20		KRW on white column.	Visible all around; higher intensity on rangeline.
6910	- RANGE B REAR LIGHT 300 yards, 098° from front light.	38 01 09 N 121 30 22 W	Iso W 6s	35		KRW on white column.	Visible 1° each side of rangeline.
6913	STOCKTON CHANNEL LIGHT 1	38 03 30 N 121 32 49 W	FI G 4s	15	4	SG on pile structure.	
6915	- LIGHT 2	38 03 24 N 121 32 48 W	FI R 4s	16	3	TR on pile.	Ra ref.
6920	- LIGHT 3	38 03 22 N 121 31 50 W	FI G 4s	30	4	SG on pile.	
6925	- LIGHT 4	38 03 16 N 121 31 46 W	FI R 4s	19	3	TR on pile.	Ra ref.
6930	- LIGHT 5	38 03 17 N 121 30 56 W	FI G 4s	25	4	SG on pile.	
6935	- LIGHT 6	38 03 11 N 121 30 57 W	FI R 4s	22	4	TR on pile.	
6940	- LIGHT 8	38 03 06 N 121 30 34 W	FI R 4s	20	4	TR on white column.	
6945	- LIGHT 9	38 02 52 N 121 30 14 W	FI G 4s	15	4	SG on pile.	
6950	- LIGHT 10	38 02 50 N 121 30 14 W	FI R 4s	16	4	TR on pile.	
6955	- LIGHT 11	38 02 35 N 121 29 54 W	FI G 4s	22	4	SG on pile.	
6960	- LIGHT 12	38 02 32 N 121 29 56 W	FI R 4s	24	4	TR on pile.	
6965	- RANGE C FRONT LIGHT	38 02 41 N 121 30 08 W	Q W	20		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							
6970	- RANGE C REAR LIGHT 300 yards, 306° from front light.	38 02 47 N 121 30 17 W	Iso W 6s	35		KRW on pile.	Visible 1° each side of rangeline.
6975	- LIGHT 13	38 02 03 N 121 28 59 W	FI G 4s	19	4	SG on pile.	
6980	- LIGHT 14	38 02 00 N 121 29 02 W	FI R 4s	20	4	TR on pile.	
6985	- LIGHT 16	38 01 32 N 121 28 13 W	FI R 4s	17	4	TR on pile.	
6990	- LIGHT 18	38 01 18 N 121 27 58 W	FI R 4s	16	4	TR on pile.	
6995	- RANGE D FRONT LIGHT	38 01 33 N 121 28 05 W	Q W	24		KRW on pile.	Visible all around; higher intensity on rangeline.
7000	- RANGE D REAR LIGHT 625 yards, 329° from front light.	38 01 48 N 121 28 17 W	Iso W 6s	40		KRW on pile.	Visible all around; higher intensity on rangeline.
7005	- RANGE E FRONT LIGHT	38 01 24 N 121 27 55 W	Q G	18		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 N 121 27 50 W	Iso G 6s	35		KRW on pile.	Visible 1° each side of rangeline.
7015	- ACKER ISLAND LIGHT	37 59 52 N 121 26 49 W	Q W	29	3	NR on pile.	
7020	- LIGHT 19	38 00 41 N 121 27 22 W	FI G 4s	20	4	SG on pile.	
7025	- LIGHT 20	38 30 38 N 121 27 27 W	FI R 4s	20	4	TR on pile.	
7030	- LIGHT 21	38 00 07 N 121 26 57 W	FI G 4s	19	4	SG on pile.	
7035	- LIGHT 22	38 00 04 N 121 27 01 W	FI R 4s	20	4	TR on pile.	
7040	- LIGHT 23	37 59 52 N 121 26 38 W	FI G 4s	25	4	SG on pile.	
7045	- LIGHT 24	37 59 48 N 121 26 41 W	FI R 4s	25	4	TR on pile.	
7050	- LIGHT 25	37 59 44 N 121 26 22 W	FI G 4s	20	4	SG on pile.	
7055	- LIGHT 26	37 59 40 N 121 26 25 W	FI R 4s	24	4	TR on pile.	
7060	- LIGHT 27	37 59 40 N 121 25 57 W	FI G 4s	20	4	SG on pile.	
7065	- LIGHT 28	37 59 34 N 121 25 57 W	FI R 4s	16	3	TR on pile.	
7070	- LIGHT 29	37 59 43 N 121 25 33 W	FI G 4s	20	4	SG on pile.	
7075	- LIGHT 30	37 59 39 N 121 25 32 W	FI R 4s	25	4	TR on pile.	
7080	- LIGHT 31	37 59 44 N 121 25 05 W	FI G 4s	20	4	SG on pile.	
7085	- LIGHT 32	37 59 40 N 121 25 05 W	FI R 4s	20	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							
7090	- LIGHT 33	37 59 41 N 121 24 46 W	FI G 4s	20	4	SG on pile.	
7095	- LIGHT 34	37 59 36 N 121 24 49 W	FI R 4s	22	4	White tower on pile structure.	
7100	- RANGE H FRONT LIGHT	37 59 05 N 121 23 19 W	Q G	25		KRW on pile.	Visible all around; higher intensity on rangeline.
7105	- RANGE H REAR LIGHT 657 yards, 115° from front light.	37 58 57 N 121 22 56 W	Iso G 6s	51		KRW on skeleton tower.	Visible 1° each side of rangeline.
7110	- LIGHT 36	37 59 11 N 121 23 38 W	FI R 4s	20	4	TR on pile.	
7115	- LIGHT 38	37 59 00 N 121 23 21 W	FI R 4s	20	3	TR on pile.	
7120	- RANGE J FRONT LIGHT	37 59 11 N 121 23 31 W	Q W	20		KRW on pile.	Visible all around; higher intensity on rangeline.
7125	- RANGE J REAR LIGHT 750 yards, 317° from front light.	37 59 23 N 121 23 45 W	Iso W 6s	65		KRW on pile.	Visible 1° each side of rangeline.
7130	- LIGHT 39	37 58 42 N 121 22 54 W	FI G 4s	20	4	SG on pile.	
7135	- LIGHT 40	37 58 40 N 121 22 58 W	FI R 4s	20	3	TR on pile.	
7140	- LIGHT 41	37 58 09 N 121 22 16 W	FI G 4s	20	4	SG on pile.	
7145	- LIGHT 42	37 58 06 N 121 22 19 W	FI R 4s	20	3	TR on pile.	
7150	- LIGHT 43	37 57 32 N 121 21 31 W	FI G 4s	20	4	SG on pile.	
7155	- LIGHT 45	37 57 26 N 121 21 14 W	FI G 4s	15	4	SG on pile.	
7160	STOCKTON ROD AND GUN CLUB LIGHT	37 57 18 N 121 20 42 W	F G	10		Pile on dock.	Private aid.
7165	- LIGHT 48	37 57 05 N 121 20 16 W	FI R 4s	20	4	TR on pile.	
SUISUN BAY (Chart 18659)							
Sacramento River Deep Water Ship Channel							
7170	- LIGHT 1	38 03 54 N 121 51 04 W	FI G 4s	15	3	SG on pile.	Temporary aid WR 1 showing QG light marks remains of old structure. Ra ref.
7175	- <i>Lighted Buoy 2</i> 50 feet outside channel limit.	38 03 48 N 121 51 06 W	FI R 4s		3	Red.	
7180	- LIGHT 3	38 03 58 N 121 50 35 W	FI G 2.5s	15	3	SG on pile.	Ra ref.
7185	- LIGHT 5	38 03 56 N 121 50 09 W	FI G 2.5s	15	3	SG on pile.	Temp lighted aid WR 5 is marking remains of old structure. Aid has a Quick flashing green. Ra ref.
7190	- LIGHT 6	38 03 51 N 121 50 06 W	FI R 2.5s	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							
7195	- LIGHT 7	38 03 44 N 121 48 31 W	FI G 4s	15	4	SG on pile.	
7200	- LIGHT 8	38 03 34 N 121 48 30 W	FI R 4s	15	3	TR on pile.	Ra ref.
SACRAMENTO AND SAN JOAQUIN RIVER (Chart 18661)							
Sacramento River Deep Water Ship Channel							
7205	- <i>Lighted Buoy 9</i>	38 03 42 N 121 48 00 W	FI G 4s		3	Green.	
7210	- LIGHT 10	38 03 35 N 121 47 59 W	FI R 2.5s	15	3	TR on pile.	Ra ref.
7215	- LIGHT 11	38 03 51 N 121 47 38 W	FI G 6s	15	4	SG on pile.	
7220	- LIGHT 12	38 03 44 N 121 47 32 W	FI R 6s	15	4	TR on pile.	Ra ref.
7225	- LIGHT 13	38 04 40 N 121 46 02 W	FI G 2.5s	15	3	SG on pile.	Ra ref.
7230	- LIGHT 14	38 04 35 N 121 45 57 W	FI R 2.5s	15	3	TR on pile.	Ra ref.
7235	- LIGHT 15	38 05 24 N 121 44 34 W	FI G 4s	15	4	SG on pile.	Ra ref.
7240	- LIGHT 16	38 05 18 N 121 44 30 W	FI R 4s	15	3	TR on pile.	Ra ref.
7245	- LIGHT 17	38 05 39 N 121 44 12 W	FI G 6s	15	4	SG on pile.	Ra ref.
7250	- LIGHT 18	38 05 35 N 121 44 07 W	FI R 6s	15	4	TR on pile.	Ra ref.
7255	- LIGHT 19	38 06 47 N 121 42 36 W	FI G 4s	15	4	SG on pile.	Temp lighted aid WR 19 is remains of old structure. Aid shows a QG light. Ra ref.
7260	- LIGHT 20	38 06 43 N 121 42 33 W	FI R 4s	15	3	TR on pile.	Ra ref.
7265	- LIGHT 21	38 07 01 N 121 42 20 W	FI G 2.5s	15	3	SG on pile.	Ra ref.
7270	- LIGHT 22	38 06 57 N 121 42 15 W	FI R 2.5s	15	3	TR on pile.	Ra ref.
7275	- LIGHT 23	38 07 28 N 121 41 57 W	FI G 6s	15	4	SG on pile.	Ra ref.
7280	- LIGHT 24	38 07 26 N 121 41 49 W	FI R 2.5s	15	3	TR on pile.	Ra ref.
7285	- LIGHT 25	38 08 00 N 121 41 42 W	FI G 4s	15	3	SG on pile.	Ra ref.
7290	- LIGHT 26	38 07 59 N 121 41 36 W	FI R 4s	15	3	TR on pile.	Ra ref.
7295	- LIGHT 27	38 57 07 N 121 41 26 W	FI G 2.5s	15	3	SG on pile	Ra ref.
7305	- LIGHT 28	38 08 56 N 121 41 20 W	FI R 2.5s	15	3	TR on post.	Temporary aid WR 28 showing QR light marks remains of old structure. Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
7310	- LIGHT 29	38 09 13 N 121 41 20 W	FI G 4s	15	4	SG on pile.	Ra ref.
7315	- LIGHT 30	38 09 11 N 121 41 13 W	FI R 4s	15	3	TR on pile.	Ra ref.
7320	- LIGHT 32	38 09 19 N 121 41 08 W	Q R	15	3	TR on pile.	Ra ref.
7325	- Buoy 34	38 09 24 N 121 41 06 W				Red nun.	
7330	Rio Vista Bridge Fog Signals	38 09 30 N 121 40 54 W					Private aid. HORN (2): 1 blast ev 20s (3s bl). Horns sound simultaneously. Operated only upon request.
7331	Rio Vista Bridge RACON T	38 09 30 N 121 41 00 W	T (-)	142		Mid-span, center of channel.	Private aid.
7335	- LIGHT 36	38 09 52 N 121 40 41 W	FI R 2.5s	15	3	TR on pile.	Ra ref.
7340	- Buoy 35	38 09 36 N 121 41 00 W				Green can.	
7345	- <i>Lighted Buoy 36A</i>	38 10 18 N 121 40 18 W	FI R 4s		3	Red.	
7350	- LIGHT 37	38 10 41 N 121 40 09 W	FI G 4s	15	4	SG on pile.	Ra ref.
7355	- LIGHT 39	38 11 09 N 121 39 44 W	FI G 4s	25	4	SG on pile.	
7360	- LIGHT 40	38 11 18 N 121 39 30 W	FI R 4s	25	3	TR on pile.	
7365	- LIGHT 41	38 11 38 N 121 39 28 W	FI G 4s	15	4	SG on pile.	Ra ref.
7370	- LIGHT 42	38 12 17 N 121 39 35 W	FI R 4s	25	4	TR on pile.	
7375	- LIGHT 43	38 12 17 N 121 39 35 W	FI G 4s	25	4	SG on pile.	
7380	- LIGHT 44	38 12 43 N 121 39 49 W	FI R 4s	25	4	TR on pile.	
7385	- LIGHT 45	38 12 58 N 121 40 16 W	FI G 4s	25	3	SG on pile.	
7390	- LIGHT 46	38 13 02 N 121 40 07 W	FI R 4s	25	3	TR on pile.	
7395	- LIGHT 47	38 13 23 N 121 40 28 W	FI G 4s	15	4	SG on pile.	
7400	- LIGHT 48	38 13 24 N 121 40 20 W	FI R 4s	25	4	TR on pile.	
7405	- LIGHT 49	38 13 42 N 121 40 32 W	Q G	15	3	SG on pile.	
7410	- Daybeacon 49A	38 14 00 N 121 40 30 W				SG on pile.	Ra ref.
7415	- LIGHT 50	38 13 43 N 121 40 25 W	FI R 4s	12	3	TR on pile.	
7420	- LIGHT 51	38 14 14 N 121 40 26 W	Q G	25	3	SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
7425	- LIGHT 52	38 14 13 N 121 40 19 W	Q R	25	4	TR on pile.	
SACRAMENTO RIVER (Chart 18662)							
Sacramento River Deep Water Ship Channel							
7430	- LIGHT 53	38 15 23 N 121 40 05 W	FI G 4s	25	4	SG on pile.	
7435	- LIGHT 54	38 15 21 N 121 39 58 W	FI R 4s	15	3	TR on pile.	
7440	- LIGHT 55	38 16 32 N 121 39 44 W	FI G 4s	25	4	SG on pile.	
7445	- LIGHT 56	38 16 31 N 121 39 37 W	FI R 4s	25	4	TR on pile.	
7450	- LIGHT 57	38 18 24 N 121 39 17 W	FI G 4s	25	4	SG on pile.	
7455	- LIGHT 58	38 18 23 N 121 39 11 W	FI R 4s	25	4	TR on pile.	
7460	- RANGE A FRONT LIGHT 59	38 20 00 N 121 38 54 W	Q G	25	3	KRW on piles; SG facing downstream.	Light changes to Q W when abeam proceeding upstream. Higher intensity on rangeline.
7465	- RANGE A REAR LIGHT 540 yards, 200° from front light.	38 19 45 N 121 39 01 W	Iso W 6s	43		KRW on pile.	Visible 5° each side of rangeline.
7470	- LIGHT 60	38 19 59 N 121 38 47 W	FI R 4s	25	3	TR on pile.	
7475	- RANGE B FRONT LIGHT 61	38 20 31 N 121 38 43 W	Q G	25	3	KRW on pile; SG facing upstream.	Light changes to Q W when abeam proceeding downstream. Higher intensity on rangeline.
7480	- RANGE B REAR LIGHT 600 yards, 011° from front light.	38 20 49 N 121 38 39 W	Iso W 6s	43		KRW on pile.	Visible 5° each side of rangeline.
7485	- LIGHT 62	38 20 29 N 121 38 37 W	FI R 4s	25	3	TR on pile.	
7490	- LIGHT 63	38 22 24 N 121 37 50 W	FI G 4s	19	4	SG on pile.	
7495	- LIGHT 64	38 22 23 N 121 37 44 W	FI R 4s	19	4	TR on pile.	
7500	- LIGHT 65	38 24 18 N 121 37 00 W	FI G 4s	18	4	SG on pile.	
7505	- LIGHT 66	38 24 16 N 121 36 52 W	FI R 4s	18	3	TR on pile.	
7510	- LIGHT 67	38 26 10 N 121 36 07 W	FI G 4s	18	3	SG on pile.	
7515	- LIGHT 68	38 26 08 N 121 36 00 W	FI R 4s	18	3	TR on pile.	
7520	- LIGHT 69	38 28 12 N 121 35 10 W	FI G 4s	18	4	SG on pile.	
7525	- RANGE C FRONT LIGHT 70	38 28 10 N 121 35 03 W	Q R	18	3	KRW on pile; TR facing downstream.	Light changes to Q W when abeam proceeding upstream. Higher intensity W on rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
7530	- RANGE C REAR LIGHT 400 yards, 180° from front light.	38 27 58 N 121 35 03 W	Iso W 6s	36		KRW on pile.	Visible 5° each side of rangeline.
7535	SACRAMENTO DEEP WATER SHIP CHANNEL LIGHT 71	38 28 25 N 121 35 01 W	FI G 4s	18	3	SG on pile.	
7540	- LIGHT 72	38 28 24 N 121 35 00 W	FI R 2.5s	18	3	KRW on pile; TR facing upstream.	
7541	- RANGE D FRONT LIGHT	38 28 24 N 121 35 07 W	Q W	18	5	KRW on pile; TR facing upstream.	Visible 4° each side of rangeline. Passing light FI R 2.5s.
7545	- RANGE D REAR LIGHT 700 yards, 020° from front light.	38 28 45 N 121 34 51 W	Iso W 6s	36		KRW on pile.	Visible 5° each side of rangeline.
7550	- LIGHT 73	38 30 22 N 121 35 07 W	FI G 4s	22	4	SG on pile.	
7555	- LIGHT 74		FI R 4s	22	3	TR on pile.	
7560	- LIGHT 75	38 32 15 N 121 35 08 W	FI G 4s	22	4	SG on pile.	
7565	- LIGHT 76	38 32 15 N 121 35 01 W	FI R 4s	22	4	TR on pile.	
7570	- RANGE E FRONT LIGHT 77	38 32 38 N 121 35 04 W	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 N 121 35 04 W	Iso W 6s	40		KRW on white column.	Visible 5° each side of rangeline.
7580	- LIGHT 79	38 32 48 N 121 35 01 W	FI G 4s	22	4	SG on pile.	
7585	- LIGHT 80	38 32 46 N 121 34 54 W	FI R 2.5s	22	3	TR on pile.	
7590	- LIGHT 81	38 33 16 N 121 34 39 W	FI G 4s	22	3	SG on pile.	
7595	- LIGHT 82	38 33 12 N 121 34 34 W	Q R	22	3	TR on pile.	
7600	- LIGHT 83	38 33 35 N 121 34 04 W	FI G 4s	22	4	SG on pile.	
7605	- LIGHT 84	38 33 31 N 121 34 02 W	FI R 4s	22	3	TR on pile.	
7610	- LIGHT 85	38 33 43 N 121 33 24 W	FI G 4s	22	3	SG on pile.	
7615	- LIGHT 86	38 33 37 N 121 33 23 W	FI R 4s	22	3	TR on pile.	
SACRAMENTO AND SAN JOAQUIN RIVER (Chart 18661)							
Sacramento River							
7620	- LIGHT 2	38 10 38 N 121 39 53 W		15	3	TR on pile.	
7625	- LIGHT 1	38 10 47 N 121 39 49 W	FI G 4s	30	4	SG on pile.	
7645	- LIGHT 4	38 11 33 N 121 33 55 W	FI 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
CALIFORNIA - Eleventh District							

SACRAMENTO RIVER (Chart 18662)

Sacramento River

7665	- LIGHT 6	38 21 44 N 121 31 12 W	FI R 4s	30	3	TR on pile.	
7670	- LIGHT 7	38 25 55 N 121 31 58 W	FI G 4s	25	4	SG on pile.	
7690	- LIGHT 9	38 28 25 N 121 31 24 W	FI G 4s	15	3	SG on pile.	Temp aid WR9 is marking structure remains.
7715	- LIGHT 10	38 30 45 N 121 33 09 W	FI R 4s	25	3	TR on pile.	
7740	- LIGHT 12	38 32 45 N 121 30 38 W	FI R 4s	25	3	TR on dolphin.	
7755	- LIGHT 14	38 33 30 N 121 30 53 W	FI R 4s	25	3	TR on pile.	

Section 6

Bodega, Tomales, Humboldt Bays, and Lake Tahoe

(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 Bay							
7765	<i>Bodega Harbor Approach Lighted Gong Buoy BA</i>	38 17 15 N 123 02 24 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
7770	BODEGA HEAD LIGHT	38 18 00 N 123 03 14 W	FI W 6s	110	7	NR on pile.	Light obscured from 047° to 205°.
7771	Bodega Marine Laboratory Research Buoy.	38 18 42 N 123 04 58 W	FI Y 4s	7			Private aid.
Bodega Harbor							
7775	- ENTRANCE LIGHT	38 18 17 N 123 02 57 W	FI W 4s	20	6	NG on skeleton tower.	HORN: 1 blast ev 10s (1s bl). Operates continuously.
7780	- CHANNEL LIGHT 2	38 18 20 N 123 03 18 W	Q R	15	3	TR on pile.	
7785	- CHANNEL RANGE A FRONT LIGHT 3	38 18 19 N 123 03 24 W	Q G	13		KRW on pile, SG facing upstream.	Visible all around; higher intensity on rangeline.
7790	- CHANNEL RANGE A-B REAR LIGHT 153 yards, 269° from range A front light. 193 yards, 209° from range B front light.	38 18 19 N 123 03 30 W	Iso G 6s	25		KRWs on frame structure.	Visible all around; higher intensity on rangelines.
7795	BODEGA BAY HARBOR LIGHT 4	38 18 22 N 123 03 21 W	FI R 2.5s	15	3	TR on pile.	
7800	- CHANNEL RANGE B FRONT LIGHT 5	38 18 24 N 123 03 27 W	Q G	15	5	KRW on pile, SG facing downstream.	Visible all around; higher intensity on rangeline.
7810	- CHANNEL LIGHT 6	38 18 28 N 123 03 23 W	Q R	15	3	TR on pile.	
7815	- Channel Daybeacon 7	38 18 28 N 123 03 25 W				SG on pile.	
7820	- Channel Daybeacon 8	38 18 32 N 123 03 19 W				TR on pile.	
7825	- Channel Daybeacon 9	38 18 33 N 123 03 21 W				SG on pile.	
7830	- CHANNEL DAYBEACON 10	38 18 38 N 123 03 14 W	FI R 2.5s	15	3	TR on pile.	
7835	- CHANNEL LIGHT 11	38 18 39 N 123 03 16 W	FI G 2.5s	15	3	SG on pile.	
7840	- Channel Daybeacon 13	38 18 44 N 123 03 13 W				SG on pile.	
7845	- CHANNEL RANGE C FRONT LIGHT 14	38 18 47 N 123 03 08 W	Q R	13		KRW on piles, TR facing downstream.	Visible all around; higher intensity on rangeline.
7850	- CHANNEL RANGE C REAR LIGHT 225 yards, 179° from front light.	38 18 41 N 123 03 07 W	Iso R 6s	23		KRW on pile.	Visible 1° each side of rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
7855	- Channel Daybeacon 15	38 18 49 N 123 03 09 W				SG on pile.	
7860	- CHANNEL LIGHT 16	38 18 49 N 123 03 06 W	FI R 4s	15	3	TR on pile.	
7861	- Channel Daybeacon 17	38 18 57 N 123 03 09 W				SG on pile.	
7865	- Channel Daybeacon 18	38 18 57 N 123 03 06 W				TR on pile.	
7870	- CHANNEL LIGHT 19	38 19 03 N 123 03 09 W	FI G 6s	15	3	SG on pile.	
7875	- CHANNEL DAYBEACON 20	38 19 03 N 123 03 06 W	FI R 2.5s	15	3	TR on pile.	
7880	- Channel Daybeacon 21	38 19 09 N 123 03 09 W				SG on pile.	
7885	- Channel Daybeacon 22	38 19 09 N 123 03 07 W				TR on pile.	
7890	- Channel Daybeacon 23	38 19 15 N 123 03 09 W				SG on pile.	
7895	- CHANNEL LIGHT 24	38 19 16 N 123 03 07 W	FI R 4s	15	3	TR on pile.	
7900	- Channel Daybeacon 25	38 19 21 N 123 03 09 W				SG on pile.	
7905	- Channel Daybeacon 26	38 19 22 N 123 03 07 W				TR on pile.	
7910	- CHANNEL LIGHT 27	38 19 28 N 123 03 09 W	FI G 4s	15	4	SG on pile.	
7915	- Channel Daybeacon 28	38 19 28 N 123 03 07 W				TR on pile.	
7920	- Channel Daybeacon 29	38 19 33 N 123 03 09 W				SG on pile.	
7925	- Channel Daybeacon 30	38 19 34 N 123 03 07 W				TR on pile.	
7930	- Channel Daybeacon 31	38 19 39 N 123 03 09 W				SG on pile.	
7935	- CHANNEL LIGHT 32	38 19 40 N 123 03 07 W	FI R 4s	15	3	TR on pile.	
7940	- CHANNEL LIGHT 33	38 19 48 N 123 03 10 W	FI G 2.5s	13	3	SG on pile.	
7945	- Channel Daybeacon 34	38 19 48 N 123 03 07 W				TR on pile.	
Spud Point Marina							
7946	- LIGHT 1	38 19 50 N 123 03 12 W	Q G	15	3	SG on pile.	
7947	- SPUD POINT MARINA LIGHT 2	38 19 52 N 123 03 12 W	Q R	15	3	TR on pile.	
7948	- Buoy 3					Green can.	
7949	- Buoy 4	38 19 52 N 123 03 16 W				Red nun.	
7951	- Buoy 6	38 19 52 N 123 03 23 W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
7952	- BREAKWATER LIGHT	38 19 49 N 123 03 22 W	FI W 4s	9	4	On pile.	
	Bodega Harbor						
7954	- Channel Daybeacon 35	38 19 53 N 123 03 10 W				SG on pile.	
7955	- CHANNEL LIGHT 36	38 19 52 N 123 03 07 W	Q R		3	TR on pile.	
7960	- CHANNEL RANGE D FRONT LIGHT 37	38 19 57 N 123 03 09 W	Q G	13	3	KRW on pile; SG facing upstream.	Visible all around; higher intensity on rangeline.
7970	- CHANNEL RANGE D REAR LIGHT 275 yards, 359.5° from front light.	38 20 05 N 123 03 09 W	Iso G 6s	23		KRW on white timber structure.	Visible 1° each side of rangeline.
7975	- Channel Daybeacon 38	38 19 53 N 123 03 01 W				TR on pile.	
7980	- CHANNEL LIGHT 40	38 19 53 N 123 02 57 W	FI R 4s	15	3	TR on pile structure.	
7985	- Channel Daybeacon 42	38 19 48 N 123 02 51 W				TR on pile.	
7990	- Channel Daybeacon 44	38 19 43 N 123 02 47 W				TR on pile.	
7995	- Channel Daybeacon 46	38 19 38 N 123 02 40 W				TR on pile.	
8000	- Channel Daybeacon 48	38 19 33 N 123 02 33 W				TR on pile.	
8005	- Channel Daybeacon 50	38 19 29 N 123 02 31 W				TR on pile.	
8010	- Channel Daybeacon 52	38 19 26 N 123 02 29 W				TR on pile.	
8015	- Channel Daybeacon	38 19 25 N 123 02 27 W				NB on pile.	
	Tomales Bay						
8020	<i>Tomales Point Lighted Bell Buoy 2</i>	38 15 06 N 123 00 12 W	FI R 6s		4	Red.	
8025	- Outside Bar Gong Buoy TB	38 14 35 N 122 59 16 W				Red and white stripes with red spherical topmark.	
8035	- Buoy 3	38 13 46 N 122 58 38 W				Green can.	
8040	- Lawsons Landing Daybeacon 1					SG on pile.	Private aid.
8045	- Lawsons Landing Daybeacon 3					SG on pile.	Private aid.
8050	- Lawsons Landing Daybeacon 5					SG on pile.	Private aid.
8053	- Lawson Landing Daybeacon 7	38 13 32 N 122 57 37 W				SG on pile.	Private aid.
8055	- Lawson Landing Daybeacon 9	38 13 38 N 122 57 43 W				SG on pile.	Private aid.
8060	- Daybeacon 5	38 12 49 N 122 57 35 W		8		SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
8065	Hog Island Daybeacon	38 12 01 N 122 56 36 W		8		JG on pile.	
8070	- Daybeacon 7	38 11 44 N 122 56 35 W		8		SG on pile.	
8075	- Daybeacon 10	38 11 17 N 122 55 51 W		8		TR on pile.	
ELK TO FORT BRAGG (Chart 18626)							
Albion River							
8080	- LIGHT 1	39 13 40 N 123 46 26 W	Q G	35	5	SG on tower.	Higher intensity beam toward entrance buoy. HORN: 1 blast ev 30s (3s bl). Operates continuously.
Noyo River							
8085	- Entrance Lighted Bell Buoy 2	39 25 48 N 123 49 18 W	FI R 2.5s		3	Red.	
8090	Noyo River Entrance Lighted Buoy 3	39 25 46 N 123 49 02 W	FI G 2.5s		3	Green can.	
8095	- ENTRANCE LIGHT 4	39 25 38 N 123 48 36 W	FI R 4s	17	4	TR on pile.	
8100	- ENTRANCE LIGHT 5	39 25 41 N 123 48 37 W	Oc G 4s	28	4	SG on pile. 22	HORN: 1 blast ev 30s (3s bl). Located 235 feet inshore from light.
8101	NOYO RIVER SOUND SINGAL	39 25 41 N 123 48 35 W				On pile.	HORN: 1 blast ev 30s (3s bl.)
8105	- NOYO RIVER DIRECTIONAL LIGHT	39 25 38 N 123 48 27 W	F W	15	1	On pile.	Visible white light in center of channel (103.5°T-106.5°T); red light when right of inbound channel (100°T-103.5°T); green light when left of inbound channel (106.5°T-110°T).
8110	- LIGHT 8	39 25 38 N 123 48 21 W	FI R 4s	15	4	TR on pile.	Ra ref.
8115	- LIGHT 9	39 25 39 N 123 48 20 W	FI G 2.5s	15	3	SG on post.	
8120	- NOYO RIVER LIGHT 10	39 25 37 N 123 48 20 W	FI R 2.5s	24	5	TR on pile.	
8125	- LIGHT 12	39 25 26 N 123 48 08 W	FI R 4s	5	3	TR on pile.	
HUMBOLDT BAY (Chart 18622)							
Humboldt Bay							
8130 490	- Entrance Lighted Whistle Buoy HB	40 46 24 N 124 16 14 W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
8135	- Entrance Bell Buoy 2	40 45 59 N 124 14 51 W				Red.	
8136	- Humboldt Bay Entrance Small Boat Warning Sign	40 45 59 N 124 13 02 W	FI Y 6s	14		Located below Light 11.	Lights flash when seas exceed four feet in height. Lights extinguished for lesser sea conditions, but with no guarantee that bar is safe. South facing board and light has been removed. North facing light and board has been turn perpendicular (90 degrees) to channel.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
8140	- APPROACH RANGE FRONT LIGHT	40 45 54 N 124 13 35 W	Q W	35		KRW on tower.	Light and horn operate continuously. HORN: 2 blasts ev 20s (2s bl- 2s si-2s bl-14s si). Operates continuously.
8145	- APPROACH RANGE REAR LIGHT 167 yards, 105° from front light.	40 45 51 N 124 13 47 W	Oc W 4s	55	12	KRW on pile. On same structure as Humboldt Bay Light.	Range lights are synchronized. Visible 4° each side of rangeline. Light operates continuously.
8150	- ENTRANCE LIGHT 3	40 46 07 N 124 14 19 W	FI G 2.5s	37	5	SG on pile, NL worded NORTH.	
8155	- ENTRANCE LIGHT 4	40 45 52 N 124 14 37 W	FI R 2.5s	57	5	TR on pile, NL worded SOUTH.	HORN: 1 blast ev 10s (1s bl). Operates continuously.
8160 495	- Light	40 45 51 N 124 13 48 W	FI W 5s	100	17	On white column.	Light obscured from 028° to 200°. Emergency light of reduced intensity when main light is extinguished.
8165	- ENTRANCE RANGE FRONT LIGHT	40 45 05 N 124 13 35 W	Q G	20		KRW on pile.	Visible 5° each side of rangeline. Operates continuously.
8170	- ENTRANCE RANGE REAR LIGHT 268 yards, 141.5° from front light.	40 44 59 N 124 13 28 W	Oc G 4s	38		KRW on pile.	Operates continuously.
8175	- <i>Lighted Bell Buoy 5</i>	40 45 26 N 124 13 51 W	FI G 4s		5	Green.	
8180	- LIGHT 6	40 45 23 N 124 14 04 W	FI R 4s	30	3	TR on pile.	
8185	- <i>Lighted Bell Buoy 7</i>	40 45 21 N 124 13 38 W	FI G 4s		4	Green.	
8190	- <i>Lighted Bell Buoy 8</i>	40 45 06 N 124 13 30 W	Q R		4	Red.	
8195	- <i>Lighted Buoy 9</i>	40 45 24 N 124 13 24 W	FI G 2.5s		3	Green.	
8200	- <i>Lighted Buoy 10</i>	40 45 30 N 124 13 12 W	FI R 4s		4	Red.	
8205	- LIGHT 11	40 45 35 N 124 13 16 W	FI G 4s	35	4	SG on steel pile structure.	
8210	- LIGHT 12	40 45 54 N 124 12 51 W	FI R 6s	15	4	TR on pile.	Ra ref.
8216	- LIGHT 13	40 46 03 N 124 12 55 W	FI G 6s	15	4	SG on pile.	Ra ref.
8220	- LIGHT 14	40 46 05 N 124 12 38 W	FI R 2.5s	15	3	TR on pile.	Ra ref.
8225	- <i>Lighted Buoy 15</i>	40 46 30 N 124 12 12 W	FI G 4s		4	Green.	
8230	- LIGHT 16	40 46 24 N 124 12 07 W	FI R 4s	15	5	TR on pile.	
8235	- <i>Lighted Buoy 17</i>	40 46 42 N 124 11 54 W	FI G 2.5s		4	Green.	
8237	DEL NORTE STREET PIER LIGHT A	40 47 24 N 122 11 18 W	FI R 4s	10		On post.	Private aid.
8245	SAMOA CHANNEL LIGHT 2	40 48 07 N 124 11 10 W	FI R 2.5s	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							
8250	SAMOA CHANNEL LIGHT 3	40 48 32 N 124 11 06 W	FI G 4s	15	4	SG on pile.	Ra ref.
8255	SAMOA CHANNEL LIGHT 4	40 48 50 N 124 10 46 W	FI R 4s	15	3	TR on pile.	Ra ref.
8260	SAMOA CHANNEL LIGHT 6	40 49 00 N 124 10 29 W	FI R 2.5s	15	3	TR on pile.	
8265	- LIGHT 19	40 48 13 N 124 10 58 W	FI G 4s	15	4	SG on pile.	Ra ref.
8270	- LIGHT 21	40 48 26 N 124 10 09 W	FI G 2.5s	15	3	SG on pile.	Ra ref.
8275	WOODLEY ISLAND MARINA LIGHT	40 48 24 N 124 09 54 W	FI G 4s	14		SG on pile.	Private aid.
Hookton Channel							
8280	<i>Hookton Channel Lighted Buoy 1</i>	40 44 54 N 124 13 21 W	FI G 4s		3	Green.	
8285	- LIGHT 2	40 44 56 N 124 13 28 W	FI R 4s	15	3	TR on pile.	Ra ref.
8290	- LIGHT 3	40 44 38 N 124 13 28 W	FI G 2.5s	15	3	SG on pile.	Ra ref.
8295	- RANGE FRONT LIGHT 4	40 44 33 N 124 13 36 W	Q R	20	6	KRW on pile.	Visible all around; higher intensity on rangeline.
8300	- RANGE REAR LIGHT 100 yards, 326.5° from front light.	40 44 35 N 124 13 39 W	Iso R 6s	25	6	KRW on pile.	Visible 4° each side of rangeline.
8305	- HOOKTON CHANNEL LIGHT 5	40 44 32 N 124 13 30 W	FI G 4s	15	4	SG on pile.	
8310	- LIGHT 6	40 44 24 N 124 13 33 W	FI R 2.5s	15	3	TR on pile.	
8315	- LIGHT 7	40 44 26 N 124 13 28 W	FI G 4s	15	4	SG on pile.	Ra ref.
8320	- LIGHT 8	40 44 15 N 124 13 25 W	FI R 6s	15	4	TR on pile.	Ra ref.
8325	PG DIKE LIGHT	40 44 12 N 124 13 06 W	FI W 4s	18		Dolphin.	Private aid.
8330	- LIGHT 10	40 44 01 N 124 13 14 W	FI R 4s	15	3	TR on pile.	Ra ref.
8335	- Daybeacon 9	40 44 04 N 124 13 08 W				SG on pile.	
8340	- LIGHT 12	40 43 52 N 124 13 13 W	FI R 2.5s	15	3	TR on pile.	
8345	- HOOKTON CHANNEL LIGHT 13	40 43 35 N 124 13 19 W	FI G 2.5s	15	3	SG on pile.	
8350	- LIGHT 14	40 43 19 N 124 13 34 W	FI 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 12 N 124 12 48 W				Green can.	
8360 545	- <i>Lighted Whistle Buoy 2</i>	41 43 00 N 124 11 48 W	FI R 6s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
8365	- <i>Lighted Whistle Buoy 4</i>	41 43 36 N 124 11 18 W	FI R 4s		4	Red.	
8370 550	Crescent City Entrance Light	41 44 11 N 124 11 27 W	FI W 5s	55	12	On pile.	HORN: 1 blast ev 10s (1s bl). Operates continuously.
8375	- <i>Lighted Bell Buoy 6</i>	41 44 12 N 124 11 18 W	FI R 2.5s		4	Red.	
8380	- <i>Lighted Buoy 7</i>	41 44 18 N 124 11 24 W	FI G 2.5s		4	Green.	
8385	CRESCENT CITY INNER BREAKWATER LIGHT 8	41 44 36 N 124 11 17 W	FI R 4s	30	4	TR on pile.	
8386	CRESCENT CITY HARBOR LIGHT 9	41 44 41 N 124 11 12 W	FI G 2.5s	15	3	On pile.	
8387	CRESCENT CITY HARBOR LIGHT 10	41 44 39 N 124 11 08 W	FI R 2.5s	15	3	On pile.	
8388	CRESCENT CITY HARBOR LIGHT 11	41 44 43 N 124 11 06 W	FI G 4s	15	4	On pile.	
8390	- RANGE FRONT LIGHT	41 44 59 N 124 11 21 W	FI G 2.5s	25	10	KRW on pile.	Visible 4° each side of rangeline.
8395	- RANGE REAR LIGHT 79 yards, 001° from front light.	41 45 02 N 124 11 21 W	Oc G 4s	38	10	KRW on pile.	Visible 4° each side of rangeline.
LAKE TAHOE - Eleventh District							
LAKE TAHOE (Chart 18665)							
8403	LAKE TAHOE LONG PIER LIGHT	39 09 04 N 120 08 25 W	FI R 6s	30		On post.	Private aid.
8405	SUGAR PINE POINT LIGHT	39 03 40 N 120 06 48 W	FI W 4s	15	8	NR on tower.	
Lake Tahoe							
8410	- Buoy A					White can with orange bands.	
8415	- <i>Lighted Danger Buoy B</i>		FI W 2.5s		3	White can with orange bands.	
8420	- Buoy C					White can with orange bands.	
8425	- Buoy D					White can with orange bands.	
8430	- Buoy E					White can with orange bands.	
8435	- <i>Lighted Danger Buoy G</i>		FI W 4s		3	White can with orange bands.	
8436	- Buoy H					White can with orange bands.	
8440	- Buoy I					White can with orange bands.	
8442	- Buoy J					White can with orange bands.	
8445	- Buoy K					White can with orange bands.	
8450	- Buoy L					White can with orange bands.	
8455	- Buoy M					White can with orange bands.	
8460	- Buoy N					White can with orange bands.	
8462	- Buoy O					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							
8464	<i>Emerald Bay Entrance Lighted Buoy 1</i>	38 57 54 N 120 04 49 W	FI G 4s		3	Green.	
8465	<i>Emerald Bay Entrance Lighted Buoy 2</i>	38 57 54 N 120 04 52 W	FI R 2.5s		3	Red.	
8470	Emerald Bay Entrance Buoy 3	38 57 51 N 120 04 55 W				Green can.	
8475	Emerald Bay Entrance Buoy 4	38 57 52 N 120 04 59 W				Red nun.	
8480	- Buoy P					White can with orange bands.	
8485	- <i>Lighted Danger Buoy Q</i>		FI W 4s		3	White can with orange bands.	
8486	- Buoy R					White can with orange bands.	
8488	- Buoy S					White can with orange bands.	
8490	- Buoy T					White can with orange bands.	
8495	- Buoy U					White can with orange bands.	
8500	- Buoy V					White can with orange bands.	
8505	- Buoy W					White can with orange bands.	
8510	- Buoy X					White can with orange bands.	
8512	- Buoy Y					White can with orange bands.	
8515	- Buoy Z					White can with orange bands.	
8520	- <i>Lighted Danger Buoy AA</i>		FI W 6s		3	White can with orange bands.	
8525	- Buoy AB					White can with orange bands.	
8530	- Restricted Area Daybeacon A	38 56 41 N 120 04 09 W				NW on white pile.	
8535	- Restricted Area Daybeacon B	38 56 36 N 120 03 50 W				NW on white pile.	
8540	- Restricted Area Daybeacon C	38 56 30 N 120 03 35 W				NW on white pile.	
8545	- Restricted Area Daybeacon D	38 56 31 N 120 03 22 W				NW on white pile.	
8550	- Restricted Area Daybeacon E	38 56 32 N 120 03 12 W				NW on white pile.	
8555	- Restricted Area Daybeacon F	38 56 27 N 120 02 50 W				NW on white pile.	
8560	- Restricted Area Daybeacon G	38 56 18 N 120 02 02 W				NW on white pile.	
8565	- Restricted Area Daybeacon H	38 56 17 N 120 01 45 W				NW on white pile.	
8570	- Restricted Area Daybeacon I	38 56 16 N 120 01 27 W				NW on white pile.	
8575	- Restricted Area Daybeacon J	38 56 15 N 120 01 09 W				NW on white pile.	
8590	- Restricted Area Daybeacon M	38 58 54 N 119 57 22 W				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							
University of California Davis							
8591	- <i>Lighted Research Buoy 1</i>	39 09 11 N 120 00 01 W	Q Y			Yellow spar.	Private aid.
8591.1	- <i>Lighted Research Buoy 2</i>	39 06 34 N 120 00 39 W	Q Y			Yellow spar.	Private aid.
8591.2	- <i>Lighted Research Buoy 3</i>	39 06 37 N 120 04 31 W	Q Y			Yellow spar.	Private aid.
8591.3	- <i>Lighted Research Buoy 4</i>	39 09 18 N 120 04 20 W	Q Y			Yellow spar.	Private aid.
8591.4	<i>Lighted Research Buoy 5</i>	39 02 29 N 120 04 49 W	Q Y			Yellow spar.	Private aid.
8591.5	- <i>Lighted Research Buoy 6</i>	38 59 23 N 120 03 03 W	Q Y			Yellow spar.	Private aid.

Section 7

Oregon

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
OREGON - Thirteenth District							
PYRAMID POINT TO CAPE SEBASTIAN (Chart 18602)							
Chetco River							
8595 565	- Approach Lighted Whistle Buoy CR	42 01 40 N 124 17 02 W	Mo (A) W		6	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 N 124 16 37 W	FI R 4s		3	Red.	
8610	- ENTRANCE RANGE FRONT LIGHT	42 02 53 N 124 16 05 W	Q R	40		KRB on skeleton tower.	Visible 4° each side of rangeline.
8615	- ENTRANCE RANGE REAR LIGHT 277 yards, 030° from front light.		Iso R 6s	59		KRB on skeleton tower.	Visible 4° each side of rangeline.
8625	- ENTRANCE LIGHT 5	42 02 36 N 124 16 21 W	FI G 4s	23	3	Green pile structure.	Due to waether conditions the dayboards have been removed from this aid.
8627	Fog Signal	42 02 40 N 124 16 13 W					HORN: 1 blast ev 30s (3s bl).
8630	- Regulated Boating Area Warning Sign (2)	42 02 49 N 124 16 07 W	Q Y	13		NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that bar is safe.
8635	- Entrance Daybeacon 9	42 02 46 N 124 16 13 W		12		SG on pile.	
8640	- ENTRANCE LIGHT 11	42 02 51 N 124 16 09 W	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 38 N 124 28 35 W	Mo (A) W		6	Red and white stripes.	No topmark will be shown on this aid as required by I ALA standards due to weather.
8655	- Entrance Buoy 1	42 24 46 N 124 26 42 W				Green can.	
8660	- NORTH JETTY LIGHT 3	42 25 14 N 124 25 59 W	FI G 2.5s	23	4	SG on skeleton structure.	Light and fog signal maintained from May 20 to Oct. 01. HORN: 1 blast ev 30s (3s bl). Operates continuously.
8663	- Danger Rock Buoy	42 25 34 N 124 25 29 W				NW worded DANGER ROCK.	Maintained from May 20 to Oct. 01.
8665	- Buoy 5	42 25 32 N 124 25 21 W				Green can.	Maintained from May 20 to Oct. 01.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
OREGON - Thirteenth District							
8670	- Regulated Boating Area Warning Sign (2)	42 25 36 N 124 25 29 W	Q Y			NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that bar is safe. Maintained from May 20 to Oct. 01.
8672	Port of Gold Beach Channel Buoys (8)					Red or green drums.	Private aids.
COQUILLE RIVER ENTRANCE (Chart 18588)							
Coquille River							
8675 600	- Entrance Lighted Whistle Buoy 2	43 08 08 N 124 27 51 W	FI R 4s		5	Red.	
8680	- Entrance Lighted Bell Buoy 4	43 07 41 N 124 27 04 W	FI R 6s		4	Red.	
8690	- ENTRANCE RANGE FRONT LIGHT	43 07 15 N 124 24 45 W	Q W	15		KRB on skeleton tower.	Visible 10° each side of rangeline.
8695	- ENTRANCE RANGE REAR LIGHT 304 yards, 102° from front light.		Iso W 6s	44		KRB on skeleton tower.	Visible 14° each side of rangeline.
8700	- SOUTH JETTY LIGHT 8	43 07 22 N 124 25 47 W	FI R 4s	30	6	TR on white masonry building.	HORN: 1 blast ev 30s (3s bl). Operates continuously.
8705	- Regulated Boating Area Warning Sign (2)	43 07 15 N 124 25 03 W	Q Y	29		NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that bar is safe. Maintained from May 20 to Oct. 1.
8710	- Rock Buoy 11	43 07 20 N 124 25 06 W				Green can.	Maintained from May 20 to Oct. 1.
8719	-Dike Buoy 13	43 07 18 N 124 24 57 W				Green can.	Maintained from May 20 to Oct. 1.
8720	- LIGHT 14	43 07 17 N 124 24 42 W	FI R 4s	15	3	TR on breakwater.	
8725	- Buoy 15	43 07 20 N 124 24 42 W				Green can.	Maintained from May 20 to Oct. 1.
8728 613	<i>Scripps Institute Wave Recorder Lighted Buoy</i>	43 46 13 N 124 32 55 W	FI (5) Y 20s		4	Yellow sphere shaped buoy.	Private aid.
COOS BAY (Chart 18587)							
Coos Bay							
8730 615	- Approach Lighted Whistle Buoy K	43 22 15 N 124 23 05 W	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 52 N 124 21 48 W	FI G 2.5s		5	Green.	
8740	- ENTRANCE RANGE FRONT LIGHT	43 20 59 N 124 19 32 W	FI R 2.5s	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.		Iso R 6s	38		KRB on skeleton tower.	Visible 4° each side of rangeline. Lighted throughout 24 hours.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
OREGON - Thirteenth District							
8750	- Entrance Lighted Buoy 2	43 21 26 N 124 21 03 W	FI R 4s		3	Red.	
8755	- North Jetty Lighted Gong Buoy 3	43 21 43 N 124 21 19 W	FI G 4s		3	Green.	
8760	- NORTH JETTY LIGHT 3A	43 21 30 N 124 20 39 W	FI G 2.5s	23	3	Green pile structure.	Due to weather conditions the dayboards have been removed from this aid.
8762	- North Jetty Fog Signal	43 21 31 N 124 20 41 W		6			HORN: 1 blast ev 30s (3s bl). Fog signal sounded continuously from May 20 to Oct 01.
8765	Guano Rock Lighted Whistle Buoy 4	43 21 15 N 124 20 26 W	FI R 4s		3	Red.	
8775	- Channel Lighted Bell Buoy 5	43 21 15 N 124 20 05 W	Q G		3	Green.	
8780	- Channel Lighted Buoy 5A	43 21 17 N 124 19 36 W	FI G 4s		4	Green.	
8785	- COOS BAY INSIDE RANGE A FRONT LIGHT	43 20 59 N 124 19 32 W	Q R	25		KRB on dolphin. On same structure as Coos Bay Entrance Range Front Light.	Visible 10° each side of rangeline.
8790	- COOS BAY INSIDE RANGE A REAR LIGHT 200 yards, 203° from front light.	43 20 54 N 124 19 35 W	Iso R 6s	45		KRB on pile structure.	Visible 14° each side of rangeline.
8792	- Channel Lighted Buoy 6	43 21 04 N 124 19 52 W	FI R 2.5s		4	Red.	
8794	- Channel Lighted Buoy 6A	43 21 13 N 124 19 22 W	Q R		4	Red.	
8800	- CHANNEL LIGHT 7	43 21 30 N 124 19 18 W	FI G 6s	16	4	SG on pile structure.	
8805	- INSIDE RANGE B FRONT LIGHT	43 22 08 N 124 18 51 W	Q W	20		KRB on pile structure.	Visible 4° each side of rangeline.
8810	- COOS BAY INSIDE RANGE B REAR LIGHT 587 feet, 023.2° from front light.	43 22 13 N 124 18 47 W	Iso W 6s	44		KRB on skeleton tower on pile structure.	Visible 5.5° each side of rangeline.
8815	- RANGE A FRONT LIGHT	43 21 40 N 124 19 14 W	Q W	19		KRB on pile structure.	Visible 4° each side of rangeline.
8820	- COOS BAY RANGE A REAR LIGHT 330 yards, 223.8° from front light.	43 21 33 N 124 19 23 W	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 N 124 19 03 W	FI R 6s		4	Red.	
8830	- Channel Lighted Buoy 10	43 21 54 N 124 18 52 W	FI R 4s		3	Red.	
8831	- Channel Lighted Buoy 10A	43 22 12 N 124 18 28 W	FI R 4s		3	Red.	
8835	- Channel Lighted Buoy 11	43 22 38 N 124 18 03 W	FI G 4s		4	Green.	
8840	- Channel Lighted Buoy 12	43 22 58 N 124 17 28 W	Q R		3	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
OREGON - Thirteenth District							
8845	- RANGE B FRONT LIGHT	43 23 17 N 124 17 07 W	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.		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	- EMPIRE RANGE "A" FRONT LIGHT	43 22 30 N 124 17 49 W	Q R	19		KRB on pile structure.	Visible 1.5° each side of rangeline.
8860	- EMPIRE RANGE "A" REAR LIGHT 283 yards, 204.8° from front light.	43 22 23 N 124 17 54 W	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 N 124 16 21 W	Q R	19		KRB on dolphin.	Visible 4° each side of rangeline.
8870	- B REAR LIGHT 500 yards, 025° from front light.		Iso R 6s	37		KRB on dolphin.	Visible 4° each side of rangeline.
Coos Bay							
8875	- Channel Lighted Buoy 14	43 23 31 N 124 17 07 W	FI R 6s		3	Red.	
8890	- Channel Lighted Buoy 15	43 23 58 N 124 16 58 W	FI G 6s		4	Green.	
8905	- Channel Lighted Buoy 16	43 24 02 N 124 16 45 W	FI R 4s		4	Red.	
8910	JARVIS LOWER RANGE A FRONT LIGHT	43 23 34 N 124 16 52 W	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.		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 N 124 16 30 W	FI Y 4s			White with blue bands.	Private aid.
8920	- LIGHT 17	43 24 16 N 124 16 50 W	FI G 4s	17	4	SG on dolphin.	
8925	JARVIS LOWER RANGE B FRONT LIGHT	43 25 08 N 124 16 33 W	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 N 124 16 31 W	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 N 124 16 34 W	Q R		3	Red.	
8937	COOS BAY DEFLECTION BOOM LIGHTS A & B	43 24 54 N 124 16 36 W	FI Y 10s			On steel pile.	Private aids.
8940	JARVIS DIKE 6.8 LIGHT 19	43 25 01 N 124 16 36 W	FI G 4s	15	3	SG on dolphin.	
8942	- Channel Lighted Buoy 20	43 25 00 N 124 16 23 W	FI R 4s		3	Red.	
8945	JARVIS UPPER RANGE A FRONT LIGHT	43 25 18 N 124 16 19 W	Q R	15		KRB on dolphin.	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							
8950	JARVIS UPPER RANGE A REAR LIGHT 300 yards, 259° from front light.	43 25 16 N 124 16 31 W	Iso R 6s	32		KRB on tower. On same structure as Jarvis Lower Range B Rear Light.	Visible 1.5° each side of rangeline.
8951	- Channel Lighted Buoy 21	43 25 12 N 124 16 23 W	FI G 4s		3	Green.	
8952	- Channel Lighted Buoy 22	43 25 11 N 124 16 09 W	FI R 2.5s		3	Red.	
8955	- Channel Lighted Buoy 23	43 25 23 N 124 16 00 W	FI G 2.5s		4	Green.	
8960	JARVIS UPPER RANGE B FRONT LIGHT	43 25 42 N 124 13 23 W	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 N 124 13 06 W	Iso W 6s	32		KRB on tower on dolphin.	Visible 5.5° each side of rangeline.
8970	NORTH BEND OUTFALL LIGHT	43 25 12 N 124 15 36 W	FI Y 10s	12		On dolphin at end of submerged outfall pipe.	Private aid.
8975	DOUGLAS FIR DOCK LIGHT A	43 25 29 N 124 15 37 W	F R	19		On dolphin.	Private aid.
8976	DOUGLAS FIR DOCK LIGHT B	43 25 28 N 124 15 35 W	F R	19		On pier.	Private aid.
8977	DOUGLAS FIR DOCK LIGHT C	43 25 29 N 124 15 28 W	F R	19		On pier.	Private aid.
8978	DOUGLAS FIR DOCK LIGHT D	43 25 30 N 124 15 26 W	F R	19		On pier.	Private aid.
8985	- CHANNEL LIGHT 25 150 feet outside channel limit.	43 25 34 N 124 15 02 W	FI G 4s	15	4	SG on dolphin.	
8990	- Channel Buoy 27	43 25 36 N 124 14 31 W				Green can.	
9000	- CHANNEL LIGHT 28 75 feet outside channel limit.	43 25 34 N 124 13 43 W	FI R 4s	17	4	TR on dolphin.	
9005	- Channel Lighted Buoy 29	43 25 43 N 124 13 39 W	Q G		3	Green.	
9010	NORTH BEND LOWER RANGE FRONT LIGHT	43 25 30 N 124 13 01 W	Q G	20		KRB on dolphin.	Visible all around; higher intensity on rangeline.
9015	NORTH BEND LOWER RANGE REAR LIGHT 468 feet, 112.2° from front light.		Iso G 6s	25		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 N 124 12 56 W	Q G	16		KRB on pile structure.	Visible all around; higher intensity on rangeline.
9025	NORTH BEND RANGE REAR LIGHT 492 feet, 009° from front light.		Iso G 6s	25		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 N 124 13 04 W	FI G 2.5s	16	4	SG on dolphin.	
9035	- CHANNEL LIGHT 36	43 24 30 N 124 13 12 W	FI R 4s	23	4	TR on skeleton tower on pile structure.	
9040	NORTH BEND UPPER RANGE FRONT LIGHT	43 23 33 N 124 12 50 W	Q G	16		KRB on 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
OREGON - Thirteenth District							
9045	NORTH BEND UPPER RANGE REAR LIGHT 233 yards, 163° from front light.		Iso G 6s	30		KRB on tower on pile structure.	Visible 4° each side of rangeline.
9050	FERNDALDE LOWER RANGE FRONT LIGHT	43 24 06 N 124 12 54 W	Q W	16		KRB on dolphin.	Visible 14° each side of rangeline.
9055	FERNDALDE LOWER RANGE REAR LIGHT 323 yards, 013° from front light.		Iso W 6s	33		KRB on dolphin.	Visible 14° each side of rangeline.
9060	- CHANNEL LIGHT 37	43 23 00 N 124 13 06 W	FI G 2.5s	16	4	SG on dolphin.	
9065	FERNDALDE UPPER RANGE FRONT LIGHT	43 22 24 N 124 12 24 W	Q G	12		KRB on dolphin.	Visible all around; higher intensity on rangeline.
9070	FERNDALDE UPPER RANGE REAR LIGHT 200.8 yards, 140.2° from front light.		Iso G 6s	34		KRB on skeleton tower.	Visible 4° each side of rangeline.
9075	MARSHFIELD RANGE FRONT LIGHT	43 22 35 N 124 12 26 W	Q G	14		KRB on tower.	
9080	MARSHFIELD RANGE REAR LIGHT 237 yards, 018.5° from front light.		Iso G 6s	36		KRB on tower.	
9085	ISTHMUS SLOUGH LIGHT 43	43 21 51 N 124 12 31 W	FI G 4s	15	4	SG on dolphin.	
Coos River							
9090	MARSHFIELD CHANNEL RANGE FRONT LIGHT	43 22 30 N 124 10 54 W	Q R	14		KRB on dolphin.	
9095	MARSHFIELD CHANNEL RANGE REAR LIGHT 480 yards, 090° from front light.		Iso W 6s	21		KRB on skeleton tower.	
9101	- ENTRANCE LIGHT 1	43 22 31 N 124 11 15 W	FI G 4s	14	4	SG on pile.	
9105	- Channel Buoy 3					Green can.	Position frequently shifted with changing conditions.
9120	- CHANNEL LIGHT 8	43 22 09 N 124 10 40 W	FI R 4s	14	3	TR on dolphin.	
South Slough							
9135	- LIGHT 1	43 21 18 N 124 19 07 W	FI G 2.5s	17	3	SG on pile structure.	Ra ref.
9140	- Lighted Buoy 2	43 21 18 N 124 19 12 W	FI R 2.5s		3	Red.	
9145	- LIGHT 4 20 feet outside channel limit.	43 21 10 N 124 19 08 W	FI R 4s	15	5	TR on dolphin.	Ra ref.
9150	- Regulated Boating Area Warning Sign (2)	43 20 51 N 124 19 16 W	Q Y			NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser sea conditions, but with no guarantee that bar is safe.
9155	- Buoy 6 50 feet outside channel limit.					Red nun.	Position frequently shifted with changing conditions.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
OREGON - Thirteenth District							
9160	- Buoy 5					Green can.	Position frequently shifted with changing conditions.
9165	Adams Point Daybeacon	43 20 51 N 124 19 13 W				NB on pile.	
9168	- Buoy 8					Red nun.	Position frequently shifted with changing conditions.
9170	- LIGHT 9 50 feet outside channel limit.	43 20 47 N 124 19 09 W	FI G 4s	16	4	SG on dolphin.	
9175	- Daybeacon 10 50 feet outside channel limit.	43 20 37 N 124 19 16 W				TR on pile.	
North Slough							
9185	- Channel Daybeacon 4	43 26 06 N 124 14 00 W		10		TR on pile.	Private aid.
9190	- Channel Daybeacon 8	43 26 24 N 124 13 06 W		10		TR on pile.	Private aid.
Haynes Inlet							
9195	- Channel Daybeacon 1	43 26 06 N 124 13 42 W		10		SG on pile.	Private aid.
9200	- Channel Daybeacon 4	43 26 36 N 124 12 54 W		10		TR on pile.	Private aid.
9205	- Channel Daybeacon 5	43 26 48 N 124 12 42 W		10		SG on pile.	Private aid.
9210	- Channel Daybeacon 7	43 26 54 N 124 12 30 W		10		SG on pile.	Private aid.
9215	- Channel Daybeacon 8	43 26 54 N 124 12 00 W		10		TR on pile.	Private aid.
UMPQUA RIVER (Chart 18584)							
Umpqua River							
9220 625	- Approach Lighted Whistle Buoy U	43 39 58 N 124 14 25 W	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 N 124 13 32 W				Red nun.	
9235	- BAR RANGE FRONT LIGHT	43 40 05 N 124 12 08 W	Q R	24		KRB on skeleton tower.	Visible 1.5° each side of rangeline.
9240	- BAR RANGE REAR LIGHT 876 feet, 086° from front light.		Iso R 6s	48		KRB on skeleton tower.	Visible 1.5° each side of rangeline.
9245	- SOUTH JETTY LIGHT 2A	43 39 58 N 124 13 07 W	FI 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 Fog Signal	43 39 59 N 124 13 10 W					HORN: 1 blast ev 15s (2s bl). Maintained from May 20 to Oct 01
9250	- Regulated Boating Area Warning Sign(2)	43 40 11 N 124 11 56 W	Q Y	19		NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser sea conditions but with no guarantee that bar is safe.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
OREGON - Thirteenth District							
9255	- LIGHT 6	43 40 11 N 124 11 56 W	FI R 4s	24	4	TR on skeleton tower.	Higher intensity beam up and down channel. BELL: 1 stroke ev 20s. Operates continuously. Ra ref.
9260 620	Umpqua River Light	43 39 48 N 124 11 54 W	Al (2) W R 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. 65	Lighted throughout 24 hours.
9265	- CHANNEL RANGE FRONT LIGHT	43 41 21 N 124 11 08 W	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 31 N 124 11 01 W	Iso W 6s	32		KRB on skeleton tower.	Visible 10° each side of rangeline.
9275	- Light 6A	43 40 30 N 124 11 36 W	FI R 6s	16	4	TR on pile.	Ra ref.
9280	- LIGHT 8	43 40 57 N 124 11 12 W	FI R 2.5s	22	3	TR on pile structure.	
9285	Winchester Bay Harbor Entrance Daybeacon 1	43 41 01 N 124 11 08 W				SG on pile.	
9287	Winchester Bay West Basin Regulatory Buoy A	43 40 58 N 124 11 03 W	FI W 4s			White can.	Private aid. Maintained from Jun 01 to Sep 30.
9289	Winchester Bay West Basin Regulatory Buoy B	43 40 56 N 124 10 58 W	FI W 4s			White can.	Private aid. Maintained from Jun 01 to Sep 30.
9290	SALMON HARBOR ENTRANCE LIGHT 1	43 41 09 N 124 10 50 W	FI G 4s	15	4	SG on pile structure.	
9295	SALMON HARBOR ENTRANCE LIGHT 2	43 41 00 N 124 10 12 W	FI R 4s	15	3	TR on pile.	
9297	Winchester Bay East Basin Regulatory Buoy A	43 41 02 N 124 10 46 W	FI W 4s			White can.	Private aid. Maintained from Jun 01 to Sep 30.
9299	Winchester Bay East Basin Regulatory Buoy B	43 41 01 N 124 10 46 W	FI W 4s			White can.	Private aid. Maintained from Jun 01 to Sep 30.
9300	- LIGHT 12	43 42 58 N 124 09 11 W	FI R 4s	22	4	TR on pile structure.	
9305	BARRETTS RANGE FRONT LIGHT	43 43 54 N 124 10 00 W	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.		Iso W 6s	28		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
9315	- LIGHT 15	43 43 26 N 124 09 47 W	FI G 4s	15	4	SG on pile.	
9320	- DIKE LIGHT 17	43 44 04 N 124 09 53 W	FI G 4s	16	4	SG on pile.	
9321	- LIGHT 19	43 44 43 N 124 09 08 W	FI G 6s	15	4	SG on pile.	
9325	- LIGHT 20	43 44 53 N 124 08 21 W	FI R 6s	15	4	TR on pile.	
9335	- LIGHT 21	43 44 55 N 124 07 54 W	FI G 2.5s	16	3	SG on pile structure.	Visible all around; higher intensity beam oriented up channel.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
OREGON - Thirteenth District							
9340	- CHANNEL LIGHT 22	43 44 48 N 124 07 59 W	FI R 6s	16	4	TR on pile.	Ra ref.
9345	- DIKE LIGHT 23	43 44 32 N 124 07 47 W	FI G 4s	17	4	SG on pile structure.	
9346	LEEDS ISLAND RANGE FRONT LIGHT	43 43 18 N 124 07 36 W	Q W	15		KRB on skeleton tower.	
9347	LEEDS ISLAND RANGE REAR LIGHT 380 yards, 173° from front light.		Iso W 6s	30		KRB on skeleton tower.	
9350	- DIKE LIGHT 24	43 44 07 N 124 07 51 W	FI R 2.5s	16	3	TR on dolphin.	
9360	- LIGHT 26	43 43 22 N 124 07 36 W	FI R 4s	15	3	TR on dolphin.	
9365	- Channel Daybeacon 28	43 43 00 N 124 07 06 W				TR on pile.	
9370	Scholfield Creek Channel Daybeacon 2	43 42 06 N 124 06 06 W				TR on pile.	Ra ref.
9375	Scholfield Creek Channel Daybeacon 3	43 42 36 N 124 06 22 W				SG on pile.	
9380	GARDINER PAPER MILL DOCK LIGHT	43 44 28 N 124 07 15 W	F Y	13		On dock.	Private aid.
9395	SMITH RIVER LIGHT 2	43 42 23 N 124 05 13 W	FI R 4s	16	3	TR on pile tower.	
SIUSLAW RIVER (Chart 18583)							
Siuslaw River							
9435 630	- Approach Lighted Whistle Buoy S	44 01 08 N 124 09 39 W	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 N 124 07 50 W	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.		Iso R 6s	53		KRB on skeleton tower.	Visible 4° each side of rangeline.
9451	- NORTH JETTY LIGHT 3	44 01 09 N 124 08 46 W	FI G 2.5s	15	3	Green pile structure.	Due to weather conditions, the dayboards have been permanently removed from this aid.
9452	- North Jetty Fog Signal.	44 01 09 N 124 08 46 W					Maintained from May 20 to Oct. 01. HORN: 1 blast ev 30s (3s bl).
9453	- Channel Buoy 4					Red nun.	Position frequently shifted with changing conditions.
9455	- Regulated Boating Area Warning Sign (2)	44 01 07 N 124 08 11 W	Q Y	37		NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser sea conditions, but with no guarantee that bar is safe.
9465	- LIGHT 5	44 01 01 N 124 07 58 W	FI G 4s	15	4	SG on dolphin.	
9470	- INNER RANGE FRONT LIGHT	44 00 59 N 124 07 50 W	Q W	20		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							
9475	- INNER RANGE REAR LIGHT 200 yards, 001° from front light.		Iso W 6s	35		KRB on skeleton tower. On same structure as Siuslaw River Entrance Range Front Light.	Visible 4° each side of rangeline.
9480	- Channel Buoy 6					Red nun.	Position shifted with changing conditions.
9485	- Channel Buoy 7	44 00 53 N 124 07 50 W				Green can.	
9490	- LIGHT 8	44 00 30 N 124 07 51 W	FI R 4s	16	4	TR on pile.	
9495	- CHANNEL LIGHT 9 100 feet outside channel limit.	44 00 28 N 124 07 46 W	FI G 4s	15	4	SG on pile.	Ra ref.
9501	- Channel Buoy 11	44 00 17 N 124 07 37 W				Green can.	
9505	- Channel Daybeacon 12	44 00 06 N 124 07 30 W				TR on pile.	Ra ref.
9510	- RANGE A FRONT LIGHT	44 00 06 N 124 07 23 W	Q W	25		KRB on pile structure.	Visible all around; higher intensity on rangeline.
9515	- RANGE A REAR LIGHT 101 yards, 349.4° from front light.		Iso W 6s	34		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
9520	- CHANNEL LIGHT 14	43 59 22 N 124 07 16 W	FI R 4s		4	TR on pile.	
9535	- Dike Daybeacon 16 100 feet outside channel limit.	43 58 58 N 124 07 35 W				TR on pile.	Ra ref.
9536	- LIGHT 18	43 58 49 N 124 07 38 W	FI R 4s	15	4	TR on pile.	
9540	- Dike Daybeacon 20 40 feet outside channel limit.	43 58 39 N 124 07 38 W				TR on pile.	Ra ref.
9545	- Dike Daybeacon 22 40 feet outside channel limit.	43 58 21 N 124 07 30 W				TR on pile.	Ra ref.
9550	- CHANNEL LIGHT 23	43 58 15 N 124 07 15 W	FI G 4s	18	4	SG on pile.	
9555	- Channel Daybeacon 25 100 feet outside channel limit.	43 58 08 N 124 07 06 W				SG on pile.	Ra ref.
9560	- Channel Daybeacon 26 100 feet outside channel limit.	43 57 53 N 124 06 16 W				TR on pile.	Ra ref.
9565	- Channel Daybeacon 28 100 feet outside channel limit.	43 57 59 N 124 06 04 W				TR on pile.	Ra ref.
9570	- Channel Daybeacon 29	43 58 07 N 124 04 54 W				SG on pile.	Ra ref.
APPROACHES TO YAUQUINA AND DEPOE BAY (Chart 18561)							
Yauquina Bay							
9575 645	- Approach Lighted Whistle Buoy Y	44 35 52 N 124 06 47 W	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
OREGON - Thirteenth District							
9580	- ENTRANCE RANGE FRONT LIGHT	44 37 08 N 124 03 34 W	Q R	25		KRB on pile structure. On same structure as Yaquina Bay Channel Light 8.	Visible 1.5° each side of rangeline. Lighted throughout 24 hours. HORN: 1 blast ev 30s (3s bl).
9585	- ENTRANCE RANGE REAR LIGHT 400 yards, 060° from front light.		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 14 N 124 06 03 W	FI G 2.5s		3	Green.	
9600	- Entrance Lighted Gong Buoy 3	44 36 26 N 124 05 27 W	FI G 4s		3	Green.	
9605	- SOUTH JETTY LIGHT 4	44 36 34 N 124 04 46 W	FI 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 Fog Signal	44 36 32 N 124 04 51 W					HORN 1 blast ev 15s (2s bl) Operates continuously Maintained from May 20 to Oct 01. .
9610	- Channel Lighted Buoy 7	44 37 04 N 124 03 51 W	FI G 2.5s		5	Green.	
9613	Old Yaquina Bay Lighthouse	44 37 24 N 124 03 48 W	F W	165		On white tower.	Private aid.
9615	- CHANNEL LIGHT 8	44 37 08 N 124 03 34 W	FI R 4s	25	4	TR on pile. On same structure as Yaquina Bay Entrance Range Front Light.	
9620	- INNER RANGE FRONT LIGHT	44 37 44 N 124 02 59 W	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.		Iso R 6s	28		KRB on skeleton tower.	Visible 4° each side of rangeline.
9630	- Regulated Boating Area Warning Sign(2)	44 37 34 N 124 03 22 W	Q Y	25		NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height; lights extinguished for lesser sea conditions, but with no guarantee that bar is safe.
9635	SOUTHBEACH MARINA LIGHT 2	44 37 26 N 124 03 15 W	FI R 4s	14	3	TR on pile.	
9640	Southbeach Marina Daybeacon 3	44 37 30 N 122 03 12 W				SG on pile.	
9644	- Channel Lighted Buoy 9A	44 37 35 N 124 03 15 W	FI G 2.5s		3	Green.	
9645	- Channel Lighted Buoy 9	44 37 40 N 124 02 56 W	FI G 4s		3	Green.	
9650	- LIGHT 10	44 37 34 N 124 02 56 W	FI R 6s	15	5	TR on multi-pile structure.	
9652	OSU Dock Light	44 37 30 N 124 02 37 W	F Y			On steel pile.	Private aid.
9657	Boat Basin Warning Marker	44 37 48 N 124 03 06 W		10		NW on pile worded DANGER SUBMERGED JETTY.	Private aid.
9660	BOAT BASIN WEST LIGHT	44 37 48 N 124 03 04 W	FI Y 4s	15	5	NY on pile.	
9665	BOAT BASIN EAST LIGHT	44 37 42 N 124 02 28 W	FI Y 6s	15	5	NY on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
OREGON - Thirteenth District							
9670	- LIGHT 12 75 feet outside channel limit.	44 37 26 N 124 02 24 W	FI R 2.5s	15	4	TR on multi-pile structure.	
9671	- Daybeacon 12A	44 37 17 N 124 02 04 W				TR on multi-pile structure.	
9675	- LIGHT 14	44 36 54 N 124 01 17 W	FI R 4s	15	4	TR on pile.	
Yaquina River							
9680	- LIGHT 17	44 36 23 N 124 00 38 W	FI G 4s	15	4	SG on pile.	
9690	- LIGHT 20	44 35 26 N 124 01 21 W	FI R 4s	15	4	TR on dolphin.	
9695	- Daybeacon 21					SG on pile.	Ra ref.
9705	- LIGHT 22	44 35 04 N 124 01 26 W	FI R 4s	16	3	TR on multi-pile structure.	
9707	- <i>Lighted Buoy WR23</i>	44 35 04 N 124 01 20 W	Q G		3	Green can.	
9710	- LIGHT 25	44 35 00 N 124 00 44 W	FI G 4s	15	4	SG on concrete platform.	
9715	- Buoy 26	44 34 49 N 124 00 11 W				Red nun.	
9720	- Daybeacon 28					TR on pile.	Ra ref.
9730	- Buoy 30	44 34 18 N 123 58 45 W				Red nun.	
9735	- Daybeacon 31	44 34 22 N 123 58 06 W				SG on pile.	Ra ref.
9740	- LIGHT 32	44 34 17 N 123 58 01 W	FI R 4s	15	3	TR on dolphin.	
9742	- Buoy 34	44 34 40 N 123 57 54 W				Red nun.	
9745	- LIGHT 37	44 35 01 N 123 57 50 W	FI G 4s	14	4	SG on pile.	
9750	- LIGHT 38	44 35 04 N 123 57 29 W	FI R 2.5s	22	3	TR on pile.	
9755	- LIGHT 42	44 35 15 N 123 56 41 W	FI R 4s	20	3	TR on pile.	
9760	- Daybeacon 43	44 35 22 N 123 56 30 W				SG on pile.	
9765	- LIGHT 44	44 35 29 N 123 56 15 W	FI R 4s	20	4	TR on pile.	
9770	- Channel Buoy 45	44 35 36 N 123 56 15 W				Green can.	
9775	- LIGHT 47	44 35 51 N 123 56 24 W	FI G 4s	16	4	SG on pile.	
Depoe Bay							
9780 655	- <i>Approach Lighted Whistle Buoy DB</i>	44 48 29 N 124 05 19 W	Mo (A) W		5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
OREGON - Thirteenth District							
9785	- Depoe Bay Entrance Lighted Bell Buoy 2	44 48 28 N 124 04 27 W	FI R 4s		3	Red.	
9790	- Fog Signal					White square house.	HORN: 1 blast ev 30s (3s bl).
9795	- ENTRANCE RANGE FRONT LIGHT	44 48 34 N 124 03 43 W	Q R	42		KWR on skeleton tower.	Lighted throughout 24 hours.
9800	- ENTRANCE RANGE REAR LIGHT 16 yards, 085.5° from front light.		Iso R 6s	54		KWR on skeleton tower.	Lighted throughout 24 hours.
9805	- Regulated Boating Area Warning Sign (2)	44 48 36 N 124 03 42 W	Q Y	25		NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser sea conditions, but with no guarantee that bar is safe. Visible from 017° to 263°.
TILLAMOOK BAY (Chart 18558)							
Tillamook Bay							
9810 680	- Approach Lighted Whistle Buoy T	45 33 04 N 123 58 56 W	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	Tillamook Bay Entrance Lighted Bell Buoy "1"	45 34 03 N 123 58 17 W	Q G		3	Green can.	
9820	- NORTH JETTY LIGHT 3	45 34 14 N 123 57 51 W	FI G 2.5s	26	3	Green pile structure.	Due to weather conditions the dayboards have been permanently removed from this aid. HORN: 1 blast ev 30s (3s bl). Maintained from Jun. 1 to Oct. 1.
9822	- North Jetty Fog Signal	45 34 14 N 123 57 51 W					HORN 1 blast ev 30s (3s bl) Maintained from Jun 01 to Oct 01. .
9830	TILLAMOOK BAY ENTRANCE LEADING LIGHT	45 34 06 N 123 56 28 W	Oc W 4s	53		On skeleton tower.	Visible 1.5° each side of rangeline.
Garibaldi Channel							
9835	- GARIBALDI CHANNEL LIGHT "6"	45 33 55 N 123 56 54 W	FI R 4s	17	4	TR on steel pile.	
9837	- Regulated Boating Area Warning Sign (2)	45 34 13 N 123 57 22 W	Q Y			NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height. Lights extinguished for lesser sea conditions with no guarantee that bar is safe.
9840	- LIGHT 10	45 33 30 N 123 56 06 W	FI R 2.5s	16	3	TR on dolphin.	
9846	- LIGHT 11	45 33 16 N 123 55 42 W	Q G		3	SG on pile.	
9850	- LIGHT 12	45 33 12 N 123 55 46 W	Q R	15	3	TR on pile.	
9851	GARIBALDI CHANNEL LIGHT "13"	45 33 15 N 123 55 23 W	FI G 2.5s		4	SG on pile.	
9856	- LIGHT 14	45 33 11 N 123 55 12 W	FI R 4s	17	3	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
OREGON - Thirteenth District							
Tillamook Bay							
9865	- Tillamook Bay Boat Basin Small Boat Warning Sign	45 33 16 N 123 55 08 W	Q Y			NW worded ROUGH BAR.	Visible from 234° to 333°. Lights flashing when seas exceed four feet in height. Lights extinguished for lesser sea conditions with no guarantee that bar is safe.
9870	GARIBALDI LIGHT 19	45 33 13 N 123 54 53 W	FI G 4s	15	5	SG on pile structure.	
NEHALEM RIVER (Chart 18556)							
Nehalem River							
9875 685	- Approach Whistle Buoy NR	45 39 17 N 123 57 32 W			5	Red and white stripes.	
9880	- Entrance Range Front Daybeacon	45 39 36 N 123 55 48 W				SW with red stripe 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.					White diamond daymark with red stripe on tree.	Private aid.

Section 8

Columbia River

Mouth to Bonneville Locks

(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							
<i>In the event of flood conditions in the Columbia River, aids to navigation may be temporarily discontinued, lights may be extinguished or destroyed, and buoys may be extinguished or dragged off station. Under such conditions vessel operators should consult local authorities before attempting to navigate in these waters.</i>							
9890 695	Cape Disappointment Light	46 16 33 N 124 03 08 W	Al W R 30s 0.3s W fl 14.7s ec. 0.3s R fl 14.7s ec.	220	W 22 R 18	White conical tower with white band at top and bottom, black band in middle. 53	Lighted throughout 24 hours.
9895	- ENTRANCE RANGE FRONT LIGHT	46 16 33 N 124 03 05 W	F R	186		KWB on skeleton structure.	Visible 5° each side of rangeline. Lighted throughout 24 hours.
9900	- ENTRANCE RANGE REAR LIGHT 625 yards, 045° from front light.		F G	240		KWB on skeleton structure.	Visible 5° each side of rangeline. Lighted throughout 24 hours.
9905	- Entrance Lighted Bell Buoy 1	46 13 24 N 124 11 00 W	FI G 4s		5	Green.	
9910	- Entrance Lighted Whistle Buoy 2	46 12 46 N 124 08 03 W	FI R 4s		3	Red.	
9911	- Entrance Lighted Buoy 3	46 14 16 N 124 08 40 W	FI G 4s		3	Green.	
9915	Clatsop Spit Lighted Whistle Buoy 4 100 yards outside channel limit.	46 13 35 N 124 06 50 W	FI R 2.5s		3	Red.	
9920	- South Jetty Bell Buoy 2SJ	46 14 02 N 124 05 45 W				Red nun.	
9925	Clatsop Spit Lighted Whistle Buoy 6 325 yards outside channel limit.	46 14 15 N 124 05 51 W	FI R 4s		3	Red.	
9930	Peacock Spit Lighted Bell Buoy 7	46 15 09 N 124 05 59 W	Q G		3	Green.	
9935	Clatsop Spit Lighted Bell Buoy 8	46 15 00 N 124 04 44 W	Q R		3	Red.	
9940	- North Jetty Lighted Bell Buoy 9	46 15 36 N 124 05 06 W	FI G 4s		3	Green.	
9945	SAND ISLAND RANGE FRONT LIGHT	46 15 57 N 123 59 34 W	Q G	19		KRW on skeleton structure on pile structure.	Visible 4° each side of rangeline.
9950	SAND ISLAND RANGE REAR LIGHT 1,000 yards, 080° from front light.		Iso G 6s	61		KRW on skeleton tower on pile structure.	Visible 4° each side of rangeline.
9955	Clatsop Spit Lighted Whistle Buoy 10	46 15 14 N 124 03 14 W	FI R 4s		3	Red.	
9956	Peacock Spit North Jetty Buoy E	46 16 00 N 124 03 15 W				Yellow.	Maintained from Aug. 1 to Oct. 31.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
9960	Peacock Spit Lighted Bell Buoy 11	46 15 42 N 124 02 19 W	FI G 2.5s		3	Green.	
9965	Clatsop Spit Lighted Whistle Buoy 12	46 15 05 N 124 01 51 W	FI R 2.5s		4	Red.	
9970	Clatsop Spit Lighted Whistle Buoy 14	46 14 56 N 124 00 41 W	Q R		4	Red.	
Desdemona Sands							
9975	- CHANNEL LEADING LIGHT	46 16 10 N 124 02 21 W	FI W 4s	31	6	Black and White stripes.	
9980	- Channel Lighted Bell Buoy 20	46 14 12 N 123 59 33 W	FI R 2.5s		4	Red.	
9985	- Channel Lighted Bell Buoy 21	46 14 07 N 123 58 54 W	FI G 2.5s		4	Green.	
9990	- Channel Lighted Buoy 22 70 yards outside channel limit.	46 13 30 N 123 58 26 W	FI R 4s		4	Red.	
9995	- LIGHT	46 13 32 N 123 57 18 W	FI W 4s	23	6	NB on pile structure.	
10000	- Channel Lighted Buoy 25 250 yards outside channel limit.	46 12 48 N 123 56 47 W	FI G 4s		4	Green.	
10005	FORT STEVENS WHARF LIGHT 26	46 12 27 N 123 57 05 W	FI R 6s	35	5	KTR on multi-pile.	
10010	- Lighted Gong Buoy 27 285 yards outside channel limit.	46 11 52 N 123 55 19 W	FI G 2.5s		3	Green.	
10013	Warrenton Outfall Lighted Buoy	46 11 15 N 123 54 44 W	FI W 6s		1	White and orange can.	Private aid. "Danger, outfall pipe, stay clear."
10015	- Lighted Gong Buoy 29 100 yards outside channel limit.	46 11 31 N 123 54 11 W	Q G		4	Green.	
10020	Desdemona Lower Sands Lighted Gong Buoy 31 90 feet outside channel limit.	46 11 35 N 123 53 08 W	FI G 6s		5	Green.	
Tansy Point							
10025	- RANGE FRONT LIGHT	46 11 20 N 123 55 10 W	FI R 2.5s	22		KRB on pile structure.	Visible all around; higher intensity on rangeline.
10035	- RANGE REAR LIGHT 960 yards, 264° from front light.		Iso R 6s	53		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
10040	- Range Lighted Buoy 33	46 11 40 N 123 52 02 W	FI G 4s		4	Green.	
10045	- Range Buoy 35A 68 yards outside channel limit.	46 11 41 N 123 51 24 W				Green can.	
Astoria							
10075	- WEST BASIN LIGHT 1	46 11 27 N 123 51 20 W	FI G 4s	19		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							
10080	- WEST BASIN LIGHT 2	46 11 28 N 123 51 21 W	FI R 4s	16		On breakwater.	Private aid.
10083	- WEST BASIN LIGHT 3	46 11 26 N 123 51 21 W	FI G 4s	19		On breakwater.	Private aid.
10084	- WEST BASIN BREAKWATER LIGHT	46 11 27 N 123 51 18 W	FI Y 4s	19		On breakwater.	Private aid.
10090	Tansy Point Range Buoy 35B 68 yards outside channel limit.	46 11 44 N 123 50 46 W				Green can.	
10095	- LIGHT 36	43 11 33 N 123 50 44 W	Q R	30	4	TR on pier.	
10100	- <i>Crossing Lighted Buoy 37</i>	46 11 46 N 123 50 01 W	FI G 4s		4	Green.	
10105	- LOWER RANGE FRONT LIGHT	46 11 29 N 123 50 10 W	Iso R 2s	40		KRB on roof.	Lighted throughout 24 hours.
10110	- LOWER RANGE REAR LIGHT 570 yards, 241.2° from front light.	46 11 21 N 123 50 32 W	Oc R 4s	175		KRB on pile structure.	Lighted throughout 24 hours.
10115	- <i>Range Lighted Buoy 39</i> 180 yards outside channel limit.	46 11 58 N 123 49 20 W	Q G		4	Green.	
10120	- <i>Range Lighted Buoy 40</i>	46 11 53 N 123 48 47 W	Q R		4	Red.	
10121	<i>Sea Lion Research Lighted Buoy</i>	46 11 49 N 123 47 59 W	FI Y 4s			Yellow.	Private aid.
10122	- EAST BASIN WEST ENTRANCE LIGHT 1	46 11 45 N 123 48 25 W	FI G 4s	20		On breakwater.	Private aid.
10123	- EAST BASIN WEST ENTRANCE LIGHT 2	46 11 44 N 123 48 28 W	FI R 2.5s	20		On breakwater.	Private aid.
10124	- EAST BASIN WEST ENTRANCE LIGHT 3	46 11 44 N 123 48 26 W	FI G 4s	20		On breakwater.	Private aid.
10125	- EAST BASIN WEST ENTRANCE LIGHT 4	46 11 42 N 123 48 26 W	FI R 2.5s	20		On breakwater.	Private aid.
10126	- EAST BASIN EAST ENTRANCE LIGHT 1	46 11 50 N 123 47 58 W	FI G 2.5s	20		On breakwater.	Private aid.
10127	- EAST BASIN EAST ENTRANCE LIGHT 2	46 11 51 N 123 47 57 W	FI R 4s	20		On breakwater.	Private aid.
10145	- Rock Buoy	46 11 56 N 123 47 43 W				Red and green bands; nun.	
10150	- <i>Range Lighted Buoy 42</i> 200 yards outside channel limit.	46 12 36 N 123 46 45 W	FI R 4s		4	Red.	
10155	<i>Tongue Point Channel Lighted Buoy 43</i> 50 yards outside channel limit.	46 13 02 N 123 46 16 W	FI G 4s		4	Green.	
10160	<i>Tongue Point Channel Lighted Buoy 44</i> 100 yards outside channel limit.	46 13 06 N 123 45 24 W	FI R 2.5s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
10165	<i>Tongue Point Channel Lighted Buoy 47 30 yards outside channel limit.</i>	46 13 40 N 123 44 14 W	Q G		4	Green.	
Harrington Point							
10170	<i>- Range Lighted Buoy 50 25 yards outside channel limit.</i>	46 13 37 N 123 43 52 W	FI R 4s		4	Red.	
10175	- RANGE FRONT LIGHT	46 15 21 N 123 40 37 W	Q W	20		KRB on pile structure.	Visible 2° each side of rangeline.
10180	- RANGE REAR LIGHT 1,190 yards, 054° from front light.		Iso W 6s	48		KRB on skeleton tower on pile structure.	Visible all around; higher intensity on rangeline and upstream.
10185	- CHANNEL LIGHT 52 175 yards outside channel limit.	46 14 03 N 123 42 51 W	Iso R 2s	17	4	TR on dolphin.	
10186	TONGUE POINT CHANNEL RANGE FRONT LIGHT	46 13 59 N 123 42 49 W	Q R	20		KRB on pile structure.	Visible 1.5° each side of rangeline.
10187	TONGUE POINT CHANNEL RANGE REAR LIGHT 950 yards, 067° from front light.		ISO R 6s	50		KRB on pile structure.	Visible 1.5° each side of rangeline.
10190	<i>- Channel Lighted Buoy 54 75 feet outside channel limit.</i>	46 14 39 N 123 41 52 W	Q R		5	Red.	
HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)							
Miller Sands							
10195	- MILLER SANDS RANGE FRONT LIGHT	46 15 45 N 123 38 12 W	Q G	15		KRB on pile structure.	Visible 4° each side of rangeline.
10200	- MILLER SANDS RANGE REAR LIGHT 650 yards, 070.5° from front light.	46 15 51 N 123 37 45 W	Iso G 6s	50		KRB on skeleton tower.	Visible 4° each side of rangeline.
PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)							
Miller Sands							
10205	<i>- Channel Lighted Buoy 2 75 yards outside channel limit.</i>	46 14 59 N 123 40 50 W	FI R 2.5s		4	Red.	
10210	<i>- Channel Lighted Buoy 3 33 yards outside channel limit.</i>	46 15 05 N 123 41 06 W	FI G 2.5s		4	Green.	
HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)							
Miller Sands							
10215	- DIKE LIGHT 5 83 yards outside channel limit.	46 15 24 N 123 40 07 W	FI G 4s	15	4	SG on dolphin.	Higher intensity beam up and down channel.
10220	<i>- Channel Lighted Buoy 6 50 yards outside channel limit.</i>	46 15 16 N 123 39 53 W	FI R 4s		4	Red.	
10225	<i>- Channel Lighted Buoy 10</i>	46 15 28 N 123 38 56 W	Q R		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
10230	- DIKE LIGHT 11	46 15 40 N 123 38 31 W	FI G 6s	19	5	SG on pile structure.	
10235	PILLAR ROCK LOWER RANGE FRONT LIGHT	46 15 10 N 123 32 37 W	FI W 2.5s 1s fl 1.5s ec.	20		KRB on pile structure.	Visible all around; higher intensity on range line.
10240	PILLAR ROCK LOWER RANGE REAR LIGHT 800 yards, 096° from front light.		Iso W 6s	50		KRB on skeleton tower on pile structure.	Visible 4° each side of rangeline.
10245	- <i>Channel Lighted Buoy 12</i>	46 15 27 N 123 38 18 W	FI R 6s		4	Red.	
10250	<i>Elliot Point Lighted Buoy 13</i>	46 15 33 N 123 37 03 W	FI G 4s		4	Green.	
Pillar Rock							
10255	- <i>Lower Range Lighted Buoy 14</i>	46 15 24 N 123 37 08 W	FI R 4s		4	Red.	
10260	- PILLAR ROCK DIKE LIGHT "14A"	46 15 15 N 123 35 29 W	FI R 2.5s	12	5	TR on multi-pile.	
10265	- <i>Lighted Buoy 15</i>	46 15 27 N 123 35 14 W	Q G		3	Green	
10270	- LIGHT 17	46 15 29 N 123 35 14 W	Iso G 6s	25	6	SG on building.	
10275	- UPPER RANGE FRONT LIGHT	46 15 39 N 123 30 56 W	Q R	17		KRB on pile structure.	Visible 4° each side of rangeline.
10280	- UPPER RANGE REAR LIGHT 1,065 yards, 083.7° from front light.		Iso R 6s	49		KRB on skeleton tower on pile structure.	Visible 4° each side of rangeline.
10285	- <i>Upper Range Lighted Buoy 18</i>	46 15 21 N 123 33 51 W	FI R 4s		3	Red.	
10295	<i>Jim Crow Lighted Buoy 19</i>	46 15 30 N 123 33 39 W	FI G 2.5s		3	Green.	
10300	<i>Jim Crow Lighted Buoy 21</i>	46 15 33 N 123 33 03 W	Q G		3	Green.	
10305	<i>Jim Crow Lighted Buoy 22</i>	46 15 34 N 123 32 15 W	FI R 2.5s		4	Red.	
Welch Island							
10310	THREE TREE POINT LIGHT 23	46 16 01 N 123 31 13 W	FI G 4s	40	5	SG on white house.	Ra ref.
10315	- <i>Channel Lighted Buoy 26</i>	46 16 01 N 123 30 41 W	FI R 2.5s		4	Red.	
10320	ROCKLAND LIGHT 27	46 16 18 N 123 30 21 W	FI G 2.5s	19	5	SG on house.	
10325	- <i>Channel Lighted Buoy 28</i>	46 16 14 N 123 29 57 W	Q R		3	Red.	
10330	BAYVIEW LIGHT 29	46 16 27 N 123 29 15 W	Iso G 2s	18	4	SG on house.	
10335	- <i>Channel Lighted Buoy 30</i>	46 16 15 N 123 28 54 W	FI R 4s		4	Red.	
10340	SKAMOKAWA LIGHT 31	46 16 20 N 123 28 19 W	Q G	15	4	SG on dolphin.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
10345	- Channel Lighted Buoy 32	46 15 59 N 123 28 01 W	Q R		3	Red.	
10350	SKAMOKAWA CREEK LIGHT 33	46 15 58 N 123 27 30 W	FI G 2.5s	15	4	SG on pile.	
10355	SKAMOKAWA RANGE FRONT LIGHT	46 14 05 N 123 25 26 W	Q W	17		KRB on pile structure.	Visible all around; higher intensity beam on rangeline.
10360	SKAMOKAWA RANGE REAR LIGHT 437 yards, 140.8° from front light.		Iso W 6s	42		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 N 123 26 40 W	FI G 4s	12	5	SG on pile structure.	
10370	Steamboat Slough Lighted Buoy 36	46 14 45 N 123 26 21 W	FI R 2.5s		4	Red.	
10375	Steamboat Slough Lighted Buoy 37	46 14 40 N 123 25 54 W	FI G 4s		5	Green.	
10380	HUNTING ISLAND LIGHT 39	46 13 47 N 123 25 23 W	FI G 2.5s		4	SG on dolphin.	
Puget Island							
10385	- RANGE FRONT LIGHT	46 13 40 N 123 25 18 W	Q W	25		KRB on pile structure.	Visible 4° each side of rangeline.
10390	- RANGE REAR LIGHT 524 yards, 009° from front light.		Iso W 6s	42		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 10 N 123 25 22 W	FI G 4s		4	Green.	
10400	CLIFTON DIKE LIGHT 42	46 12 21 N 123 25 52 W	FI R 4s	20	4	TR on dolphin.	Higher intensity beam up and down channel.
10401	- LIGHT 43	46 12 19 N 123 25 29 W	FI G 2.5s	20	4	SG on dolphin.	On dike.
10405	CLIFTON DIKE LIGHT 44	46 12 07 N 123 26 08 W	FI R 6s	20	4	TR on dolphin.	
10410	HUNTS MILL POINT LIGHT 44A	46 11 36 N 123 26 02 W	FI R 2.5s	12	4	TR on pipe.	Ra ref.
10415	BUGBY HOLE LIGHT 46	46 10 54 N 123 25 57 W	Q R	15	4	TR on dolphin.	
10420	- LIGHT 47	46 10 55 N 123 25 33 W	Q G	15	5	SG on skeleton tower.	
10425	- LIGHT 49	46 10 33 N 123 25 11 W	FI G 4s	17	4	MPS dolphin.	
10428	WAUNA OUTFALL LIGHT	46 10 06 N 123 24 54 W	FI Y 10s			On dolphin.	Private aid.
Wauna							
10430	- RANGE FRONT LIGHT	46 08 38 N 123 22 55 W	FI W 2.5s			Pile structure.	Day range higher intensity on rangeline. Night range visible 14° each side of rangeline. Lighted throughout 24 hours.
10435	- RANGE REAR LIGHT 673 yards, 137.5° from front light.	46 08 23 N 123 22 36 W	Iso W 6s (Day) Iso R 6s (Night)	56		Skeleton tower.	Daylight range higher intensity on rangeline. Night range visible 10° 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							
10440	- MILL WATER INTAKE LIGHT	46 09 09 N 123 23 50 W	F Y	25		On dolphin.	Private aid.
10445	- LOWER LIGHT	46 09 42 N 123 24 30 W	F Y	29		On pier.	Private aid.
10450	- CRANE BOOM LIGHT	46 09 47 N 123 24 34 W	F Y	55		On crane boom.	Private aid.
10455	- MIDDLE LIGHT	46 07 17 N 123 24 03 W	F Y	11		On dolphin.	Private aid.
10456	Westport Slough Buoy 56	46 08 53 N 123 23 15 W				Red nun.	
10460	- DIKE LIGHT 57	46 09 09 N 123 23 08 W	Q G	20	3	SG on dolphin.	
10465	DRISCOLL RANGE FRONT LIGHT	46 09 03 N 123 23 41 W	FI R 2.5s	23		KRB on dolphin.	Visible all around; higher intensity on range line.
10470	DRISCOLL RANGE REAR LIGHT 410 yards, 284° from front light.		Iso R 6s	49		KRB on skeleton tower.	Visible 10° each side of range line.
Westport							
10475	- DIKE LIGHT 58	46 08 48 N 123 22 48 W	FI R 2.5	15	4	TR on dolphin.	Higher intensity beam up and down channel.
10480	PANCAKE POINT DIKE LIGHT 59	46 08 58 N 123 22 25 W	FI G 6s	15	4	SG on multi-pile.	
10485	- DIKE LIGHT 60	46 08 40 N 123 22 02 W	FI R 6s	15	4	TR on pile.	Higher intensity beam up and down channel.
10490	- RANGE FRONT LIGHT	46 08 31 N 123 21 14 W	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.		Iso W 6s	58		KRB on skeleton tower.	Visible 4° each side of rangeline.
10500	- DIKE LIGHT 62	46 08 28 N 123 20 50 W	FI R 4s	19	4	TR on dolphin.	Higher intensity beam up and down channel.
10505	- DIKE LIGHT 64	46 08 26 N 123 19 50 W	FI R 6s	15	4	TR on dolphin.	
10510	- DIKE LIGHT 66	46 08 26 N 123 18 48 W	Q R	15	4	MPS pipe.	
10520	CATHLAMET DIKE LIGHT 67	46 08 53 N 123 17 52 W	FI G 4s	15	4	SG on multi-pile.	
10525	- Channel Lighted Buoy 68	46 08 39 N 123 17 24 W	FI R 2.5s		5	Red.	
Cathlamet Channel							
10530	- Daybeacon 2	46 12 24 N 123 24 42 W				TR on pile.	Ra ref.
10535	Elochoman Buoy 1	46 12 16 N 123 23 24 W				Green can.	
10540	Elochoman Daybeacon 2	46 12 29 N 123 23 19 W				TR on pile.	
10543	- Buoy 5	46 10 18 N 123 20 37 W				Green can.	
10545	- Buoy 6	46 10 33 N 123 20 50 W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
10550	- Buoy 7	46 10 03 N 123 20 27 W				Green can.	
10551	- Buoy 7A	48 09 30 N 123 19 46 W				Green can.	
10555	- LIGHT 8	46 09 01 N 123 17 51 W	FI R 2.5s	15	4	TR on dolphin.	
10560	WATERFORD LIGHT 69	46 09 10 N 123 16 01 W	FI G 4s	30	5	SG on concrete pad.	
Eureka							
10565	- CHANNEL LIGHT 70	46 08 54 N 123 15 42 W	FI R 4s	15	4	TR on dolphin.	Ra ref.
10570	COOPER POINT LIGHT 71	46 09 26 N 123 15 15 W	Q G	23	6	SG on skeleton tower.	
10575	- Channel Lighted Buoy 73	46 09 44 N 123 14 33 W	FI G 4s		4	Green.	
10580	- DIKE LIGHT 76	46 09 47 N 123 14 00 W	Q R	15	4	TR on dolphin.	Higher intensity beam down channel.
10585	- DIKE LIGHT 77	46 10 10 N 123 13 44 W	FI G 2.5s	13	5	SG on dolphin.	Higher intensity beam up and down channel.
10590	- DIKE LIGHT 78	46 09 59 N 123 13 30 W	FI R 4s	17	4	MPW.	Higher intensity beam down channel.
10595	- DIKE LIGHT 80	46 10 07 N 123 13 04 W	FI R 6s	13	4	TR on dolphin.	
10600	- DIKE LIGHT 79	46 10 28 N 123 12 53 W	FI G 4s	15	4	SG on pile.	
Oak Point							
10625	BEAVER PIER WEST END LIGHT	46 10 48 N 123 11 06 W	F R				Private aid.
10630	BEAVER PIER EAST END LIGHT	46 10 42 N 123 10 48 W	F R				Private aid.
10633	COLUMBIA RIVER GEODETIC SURVEY LIGHT	46 11 06 N 123 11 12 W	FI Y 10s	10		On steel dolphin.	Private aid.
10635	- LIGHT 81	46 11 12 N 123 10 55 W	FI G 4s	14	5	SG on concrete pad.	
10640	ABERNATHY POINT LIGHT 83	46 11 25 N 123 10 04 W	FI G 2.5s	20	5	SG on cylinder.	
10645	<i>Crims Island Lighted Buoy 84</i>	46 11 18 N 123 09 30 W	Q R		3	Red.	
CRIMS ISLAND TO ST. HELENS (Chart 18524)							
10650	BUNKER HILL LIGHT 85	46 11 22 N 123 08 22 W	FI G 4s	17	4	SG on tower.	Higher intensity beam up channel.
10655	<i>Crims Island Channel Lighted Buoy 86</i>	46 11 09 N 123 07 42 W	Q R		4	Red.	
10660	STELLA RANGE FRONT LIGHT	46 11 17 N 123 07 27 W	Q G	20		Skeleton tower on pile structure.	Visible all around; higher intensity on rangeline.
10665	STELLA RANGE REAR LIGHT 257 yards, 308.5° from front light.	46 11 21 N 123 07 36 W	Iso G 6s	44		KRB on skeleton tower on pile structure.	Visible 10° each side of rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
10670	CLEAVELAND LIGHT 1 340 feet outside channel limit.	46 11 05 N 123 06 51 W	FI G 2.5s	12	4	SG on dolphin.	
	Crims Island						
10675	- DIKE LIGHT 2	46 10 44 N 123 07 30 W	FI R 6s	12	4	TR on dolphin.	
10685	- DIKE LIGHT 6	46 10 18 N 123 06 33 W	FI R 4s	12	4	TR on pile.	
	Fisher Island						
10715	CLEAVELAND LIGHT 3	46 10 40 N 123 06 06 W	FI G 4s	12	4	SG on pile.	
10716	West Fisher Island Slough Pollution Response Buoy	46 10 22 N 123 05 05 W				Yellow.	
10717	WILLOW GROVE BOAT LAUNCH LIGHT 1	46 10 23 N 123 05 05 W	FI G 4s	10		On breakwall.	Private aid.
10718	WILLOW GROVE BOAT LAUNCH LIGHT 2	46 10 24 N 123 05 03 W	FI R 4s	10			Private aid.
10719	WILLOW GROVE DEFLECTION BOOM LIGHT & WARNING SIGN	46 10 23 N 123 05 03 W	FI W 4s	20		NW on pile worded DANGER LOG BOOM.	Private aid.
10720	- Channel Lighted Buoy 5	46 09 44 N 123 04 25 W	Q G		4	Green.	
10725	- LIGHT 7	46 09 34 N 123 03 46 W	FI G 4s	13	5	SG on dolphin.	
10730	- LIGHT 9	46 09 27 N 123 03 20 W	FI G 2.5s	15	4	SG on dolphin.	
10735	- Channel Lighted Buoy 10	46 09 16 N 123 03 29 W	Q R		4	Red.	
10741	East Fisher Island Slough Pollution Response Buoy	46 09 41 N 123 02 41 W				Yellow.	
	Longview						
10745	WALKER ISLAND LIGHT 12	46 08 52 N 123 02 41 W	Q R	15	5	TR on pile structure.	
10750	BARLOW POINT LIGHT 13	46 08 39 N 123 01 50 W	Q G	10	5	SG on dolphin.	
10755	- Channel Lighted Buoy 17	46 08 13 N 123 00 37 W	FI G 2.5s		4	Green.	
10760	- DOCK LIGHT A	46 08 08 N 123 00 11 W	F Y	7		On pier.	Private aid.
10761	- DOCK LIGHT B	46 08 05 N 123 00 04 W	F Y	7		On pier.	Private aid.
10762	- DOCK LIGHT C	46 08 03 N 122 59 59 W	F Y	7		On pier.	Private aid.
10765	<i>La Du Rock Lighted Buoy 19</i>	46 07 51 N 122 59 48 W	FI G 4s		4	Green.	
10770	LORD ISLAND LIGHT 20	46 07 37 N 123 00 00 W	FI R 4s	25	4	TR on platform.	Higher intensity beam up and down channel.
10780	- RANGE FRONT LIGHT	46 07 28 N 122 58 49 W	F R	38		KWR on monopole.	Visible 1.75° each side of centerline of channel. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
10785	- RANGE REAR LIGHT 393 yards, 117.5° from front light.	46 07 23 N 122 58 34 W	F R	76		KWR on monopole.	Visible 1.75° each side of centerline of channel. Private aid.
10800	<i>Slaughters Channel</i> <i>Lighted Buoy 23</i>	46 07 30 N 122 59 27 W	FI G 2.5s		4	Green.	
10805	DIBBLEE DIKE LIGHT 22 190 feet outside channel limit.	46 07 04 N 122 59 14 W	FI 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 23 N 122 57 40 W				Green can.	Private aid.
10812	- Approach Buoy 2	46 06 13 N 122 57 50 W				Red nun.	Private aid.
10813	- Approach Buoy 3	46 06 20 N 122 57 35 W				Green can.	Private aid.
10814	- Approach Buoy 4	46 06 10 N 122 57 44 W				Red nun.	Private aid.
Longview							
10820	COTTONWOOD ISLAND LOWER RANGE FRONT LIGHT	46 04 59 N 122 53 52 W	Q W	28		KRB on pile structure.	Visible 4° each side of rangeline.
10825	COTTONWOOD ISLAND LOWER RANGE REAR LIGHT 327 yards, 115.8° from front light.		Iso W 6s	40		KRB on skeleton tower.	Visible 4° each side of rangeline.
10832	SHAVER TRANSPORTATION MOORING BARGE LIGHTS (2)	46 05 24 N 122 55 48 W	F R	10		On mooring barge.	Private aid.
Cottonwood Island							
10840	- DIKE LIGHT 29A	46 05 30 N 122 55 03 W	FI G 6s	17	4	SG on dolphin.	
10845	- DIKE LIGHT 31	46 05 18 N 122 54 33 W	FI G 2.5s	15	4	SG on dolphin.	
10850	- DIKE LIGHT 33	46 05 04 N 122 54 04 W	FI G 4s	12	4	SG on dolphin.	
10860	- LIGHT 35	46 04 43 N 122 53 36 W	FI G 4s	15	4	SG on pile.	
10865	- <i>Turn Lighted</i> <i>Buoy 36</i> 66 yards outside channel limit.	46 04 25 N 122 53 37 W	Q R		3	Red.	
10870	- DIKE LIGHT 37	46 04 18 N 122 53 13 W	FI G 4s	15	4	SG on dolphin.	
10875	- UPPER RANGE FRONT LIGHT	46 03 55 N 122 52 56 W	Q W	20		KRB on skeleton tower.	Visible 10° each side of rangeline.
10880	- UPPER RANGE REAR LIGHT 337 yards, 356.1° from front light.	46 04 05 N 122 52 57 W	Iso W 6s	45		KRB on skeleton tower.	Visible 4° each side of rangeline.
10885	- LIGHT 39	46 03 58 N 122 53 00 W	FI G 4s	26	4	SG on pile.	
10890	- LIGHT 41	46 03 20 N 122 52 46 W	Q G	15	4	SG on dolphin.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
10891	PORT OF KALAMA DOCK LIGHT A	46 02 40 N 122 52 35 W	FI Y 6s			On mooring dolphin.	Private aid.
10892	PORT OF KALAMA DOCK LIGHT B	46 02 38 N 122 52 36 W	FI Y 6s			On mooring dolphin.	Private aid.
10893	PORT OF KALAMA DOCK LIGHT C	46 02 33 N 122 52 36 W	FI Y 6s			On mooring dolphin.	Private aid.
10894	PORT OF KALAMA DOCK LIGHT D	46 02 31 N 122 52 35 W	FI Y 6s			On mooring dolphin.	Private aid.
Kalama							
10895	COFFIN ROCK LIGHT	46 01 59 N 122 52 48 W	Q W	20	6	NB on house.	
10900	- RIVER LIGHT 43	46 02 01 N 122 52 31 W	FI G 2.5s	18	4	SG on dolphin.	
10905	- LOWER RANGE FRONT LIGHT	46 00 34 N 122 50 59 W	Q R	28		KRB on skeleton tower.	Visible 2° each side of rangeline.
10910	- LOWER RANGE REAR LIGHT 774 yards, 138° from front light.		Iso R 6s	102		KRB on skeleton tower.	Visible 1.5° each side of rangeline.
10915	- UPPER RANGE FRONT LIGHT	45 58 41 N 122 50 22 W	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.		Iso W 6s	45		KRB on skeleton tower.	Visible 4° each side of rangeline.
CRIMS ISLAND TO ST. HELENS (Chart 18524)							
10925	- DIKE LIGHT 47A	46 00 33 N 122 51 04 W	FI G 2.5s	32	5	SG on dolphin.	
10930	AHLE POINT LIGHT 49	45 59 53 N 122 50 41 W	FI G 4s	26	4	SG on dolphin.	
10935	HUNTER BAR LIGHT 1	45 59 30 N 122 51 11 W	FI G 2.5s	22	5	SG on dolphin.	
10940	HUNTER DIKE LIGHT 52	45 59 18 N 122 50 57 W	FI R 4s	15	4	TR on dolphin.	Higher intensity beam up channel.
10945	HUNTER DIKE LIGHT 54	45 58 56 N 122 50 37 W	Q R	12	4	TR on dolphin.	
Martin Island							
10950	- Bybee Ledge Channel Range Front Light	45 57 29 N 122 48 32 W	Q W	15		KRB on dolphin.	Visible all around; higher intensity on rangeline.
10955	- Bybee Ledge Channel Range Rear Light 175 yards, 138° from front light.		Iso W 6s	30		KRB on pile.	Visible 4° each side of rangeline.
10960	<i>Bybee Ledge Lighted Buoy 59</i>	45 58 15 N 122 49 27 W	FI G 4s		4	Green.	
10965	- <i>Bluff Lighted Buoy 60</i>	45 57 36 N 122 48 54 W	Q R		4	Red.	
10970	DEER ISLAND LOWER DIKE LIGHT 62	45 57 27 N 122 49 08 W	FI R 6s	16	4	TR on dolphin.	
10975	- DIKE LIGHT 63	45 57 11 N 122 48 24 W	FI G 2.5s	15	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							
10980	- MIDDLE DIKE LIGHT 65	45 56 40 N 122 48 14 W	FI G 4s	15	4	SG on dolphin.	
10985	- UPPER RANGE FRONT LIGHT	45 56 19 N 122 48 10 W	Q W	17		KRB on pile structure.	Visible all around; higher intensity on rangeline.
10990	- UPPER RANGE REAR LIGHT 167 yards, 011.2° from front light.		Iso W 6s	50		KRB on pile structure.	Visible 4° each side of rangeline.
10995	- Dike Daybeacon 67	45 56 18 N 122 48 11 W				SG on dolphin.	
11000	BURKE DIKE LIGHT 69	45 55 54 N 122 48 09 W	FI G 2.5s	17	5	SG on dolphin.	Higher intensity beam downstream.
11005	DEER ISLAND UPPER DIKE LIGHT 72	45 55 12 N 122 48 44 W	FI R 4s	15	4	TR on dolphin.	Higher intensity beam up channel.
11010	CAPLES DIKE LIGHT 73	45 55 01 N 122 48 17 W	FI G 4s	10	4	SG on dolphin.	
11015	CHEVRON CHEMICAL DOCK LIGHTS (2)	45 54 47 N 122 48 52 W	F R	42	5	On dock.	Private aids.
11020	- <i>Channel Lighted Buoy 75</i>	45 54 30 N 122 48 27 W	Q G		4	Green.	
11025	COLUMBIA CITY LIGHT 76	45 53 31 N 122 48 23 W	Q R	31	5	TR on skeleton structure.	Higher intensity beam downstream.
St. Helens							
11030	- RANGE FRONT LIGHT	45 51 55 N 122 46 59 W	Q W	15		KRB on pile structure.	Visible all around; higher intensity on rangeline.
11035	- RANGE REAR LIGHT 660 yards, 151.5° from front light.		Iso W 6s	35		KRB on skeleton tower.	Visible 14° each side of rangeline.
11040	- JETTY LOWER LIGHT 77	45 53 05 N 122 47 45 W	Q G	35	4	SG on dolphin.	
11045	- <i>Junction Lighted Buoy</i>	45 52 52 N 122 47 52 W	FI (2+1) R 6s		4	Red and green bands.	
11050	- JETTY LIGHT 79	45 52 14 N 122 47 07 W	FI G 4s	22	5	SG on pile structure.	
11055	- DIKE LIGHT 80	45 51 48 N 122 47 21 W	Q R	34	4	TR on dolphin.	
ST. HELENS TO VANCOUVER (Chart 18525)							
Warrior Rock							
11060	- LIGHT	45 50 55 N 122 47 18 W	FI W 4s	28	7	White pyramidal structure.	
11065	- RANGE FRONT LIGHT	45 51 18 N 122 46 47 W	Q W	25		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
11070	- RANGE REAR LIGHT 167 yards, 021.5° from front light.		Iso W 6s	43		KRW on skeleton tower.	Visible 5.5° each side of rangeline.
11073	- <i>Turn Lighted Buoy 1</i>	45 50 50 N 122 46 57 W	FI G 4s		4	Green.	
11075	- <i>Reef Lighted Buoy 4</i>	45 50 26 N 122 47 21 W	Q R		4	Red.	
11080	DUCK CLUB LIGHT 4A	45 49 45 N 122 47 48 W	FI R 6s	36	4	TR on dolphin.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
11085	DUCK CLUB LIGHT 6	45 49 27 N 122 47 53 W	Q R	22	5	TR on pile structure.	Ra ref.
	Henrici						
11090	- Channel Lighted Buoy 7	45 48 58 N 122 47 41 W	Q G		3	Green.	
11095	DUCK CLUB LIGHT 8	45 48 57 N 122 47 55 W	FI R 2.5s	37	4	TR on dolphin.	
11100	- RANGE FRONT LIGHT	45 48 41 N 122 47 53 W	Q W	17		KRB on pile structure.	Visible all around; higher intensity on rangeline.
11105	- RANGE REAR LIGHT 285 yards, 328° from front light.		Iso W 6s	37		KRB on skeleton tower.	Visible 4° each side of rangeline.
11110	- LANDING LIGHT 10	45 48 30 N 122 47 49 W	FI R 4s	33	4	TR on dolphin.	
11115	- CROSSING LIGHT 12	45 48 11 N 122 47 40 W	FI R 2.5s	37	5	TR on dolphin.	
11120	BACHELOR POINT LIGHT 13	45 47 31 N 122 46 40 W	FI G 6s	34	4	SG on dolphin.	
11125	BACHELOR DIKE LIGHT 15	45 47 04 N 122 46 17 W	FI G 4s	32	4	SG on dolphin.	
11130	FALES LIGHT 17	45 46 20 N 122 45 44 W	Q G	36	5	SG on dolphin.	Higher intensity beam down channel. Ra ref.
11135	KNAPP POINT LIGHT 19	45 44 44 N 122 45 32 W	FI G 4s	36	4	SG on pile structure.	Higher intensity beam down channel.
	Willow						
11140	- LOWER RANGE FRONT LIGHT	45 44 31 N 122 45 27 W	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.		Iso W 6s	34		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
11150	- DIKE LIGHT 23	45 43 58 N 122 45 28 W	FI G 2.5s	27	4	SG on dolphin.	
11155	- UPPER RANGE FRONT LIGHT	45 40 59 N 122 46 40 W	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.		Iso W 6s	34		KRB on skeleton tower.	Visible 1.5° each side of rangeline.
11165	- DIKE LIGHT 26	45 43 26 N 122 45 58 W	FI R 4s	33	4	TR on dolphin.	
11170	REEDER POINT LIGHT 28	45 42 35 N 122 46 14 W	FI R 6s	36	4	TR on dolphin.	Ra ref.
11175	HUTCHINSON DIKE LIGHT 30	45 42 00 N 122 46 27 W	FI R 4s	37	4	TR on dolphin.	
	Morgan						
11180	- DIKE LIGHT 32	45 41 26 N 122 46 37 W	FI R 2.5s	36	5	TR on dolphin.	Ra ref.
11185	HEWLETT DIKE LIGHT 33	45 41 10 N 122 46 09 W	FI G 4s	37	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							
11190	- UPPER RANGE FRONT LIGHT	45 41 01 N 122 46 40 W	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.		Iso W 6s	35		KRB on skeleton tower.	Visible 4° each side of rangeline.
11200	- DIKE LIGHT 36	45 40 36 N 122 46 34 W	FI R 2.5s	15	4	TR on dolphin.	Ra ref.
11205	- Dike Daybeacon 39	45 40 05 N 122 45 50 W				SG on dolphin.	
11210	- DIKE LIGHT 40	45 39 52 N 122 46 15 W	FI R 4s	34	4	TR on pile.	
11211	- CHANNEL LIGHT 42	45 39 27 N 122 46 01 W	Q R	25	4	On pile structure with skeleton tower. On same structure as Vancouver Directional Light.	
Vancouver							
11215	- DIRECTION LIGHT	45 39 27 N 122 46 01 W	Iso W 6s (G & R sectors)	50		On same pile structure with skeleton tower as Morgan Channel Light 42.	Centerline bearing 308°. White visible 0.5° each side of centerline. Green visible from 305.9° to 307.5°. Red visible from 308.5° to 310.1°.
11225 14850	KELLEY POINT JUNCTION LIGHT	45 39 11 N 122 45 46 W	FI (2+1) R 6s	39	5	JR on dolphin.	Ra ref.
11230	- Channel Lighted Buoy 47 75 feet outside channel limit.	45 38 53 N 122 44 49 W	Q G		3	Green.	
11235	MATHEWS POINT EAST LIGHT	45 38 44 N 122 43 59 W	F G	34		On pile.	Private aid.
11240	MATHEWS POINT WEST LIGHT	45 38 45 N 122 44 06 W	F G	34		On pile.	Private aid.
11243	Hayden Island Anchorage Lighted Buoy A	45 38 40 N 122 44 30 W	FI Y 6s			Yellow.	Private aid.
11244	Hayden Island Anchorage Lighted Buoy B	45 38 21 N 122 43 28 W	FI Y 6s			Yellow.	Private aid.
VANCOUVER TO THE DALLES (Chart 18531)							
Vancouver to Bonneville							
11255	Interstate-5 Alternate Barge Channel Buoy 2	45 37 06 N 122 40 42 W				Red nun.	
11256	Interstate-5 Alternate Barge Channel Buoy 3	45 37 04 N 122 40 25 W				Green can.	
11260	Interstate-5 Bridge Approach Buoy 2	45 37 14 N 122 40 34 W				Red nun.	
11265	Interstate-5 Bridge Approach Buoy 4	45 37 11 N 122 40 21 W				Red nun.	
11270	VANCOUVER CHANNEL DIKE LIGHT 51	45 38 30 N 122 43 11 W	FI G 2.5s	40	5	SG on dolphin.	
11275	Ryan Point Junction Lighted Buoy	45 36 55 N 122 39 34 W	FI (2+1) R 6s		4	Red and green bands.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
North Portland Harbor							
11280	- EAST END RANGE FRONT LIGHT	45 36 04 N 122 38 31 W	Q R	35		KRB on dike.	
11285	- EAST END RANGE REAR LIGHT 70 yards, 241° from front light.		Iso R 6s	50		KRB on tripod.	Visible all around; higher intensity on rangeline.
11290	- DIKE LIGHT 2	45 36 11 N 122 38 06 W	FI R 4s	38	4	TR on dolphin.	
11295	- Daybeacon 1	45 36 17 N 122 40 18 W				SG on pile.	
11300	<i>Vancouver Upper Bar Channel Lighted Buoy 14</i> 25 yards outside channel limit.	45 36 23 N 122 37 32 W	FI R 2.5s		4	Red.	
11303	MARINE PARK OUTFALL LIGHT	45 36 34 N 122 37 10 W	FI Y 10s	22		On steel piling with orange daymarks.	Private aid.
11304	North Portland Harbor Marine Park Outfall Daybeacon.	45 36 37 N 122 37 09 W		22		On pile.	Private aid.
11305	PORTLAND AIRPORT DIKE LIGHT 16	45 36 04 N 122 36 01 W	FI R 4s	40	6	TR on dolphin.	Higher intensity beam upstream.
11307	AIRPORT BAR RANGE FRONT LIGHT	45 36 00 N 122 33 38 W	Q G	34		KRW on skeleton tower.	Visible all around; higher intensity on range line.
11308	AIRPORT BAR RANGE REAR LIGHT 310 yards, 094° from front light.		Iso G 6s	48		KRW on skeleton tower.	Visible 4° each side of rangeline.
Main Channel							
11385	<i>Lieser Point Channel Lighted Buoy 18</i> 25 yards outside channel limit.	45 36 01 N 122 34 15 W	FI R 6s		4	Red.	
11390	Interstate-205 Bridge Approach Buoy 19	45 35 52 N 122 33 07 W				Green can.	
11395	Interstate-205 Bridge Approach Buoy 21	45 35 49 N 122 32 54 W				Green can.	
Government Island							
11405	- MIDDLE RANGE FRONT LIGHT	45 35 14 N 122 31 55 W	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.		Iso R 6s	53		KRB on pile structure.	Visible 4° each side of rangeline.
11415	- LOWER RANGE FRONT LIGHT	45 34 51 N 122 29 56 W	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.		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 38 N 122 28 05 W	Q G	36		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							
11435	FISHER QUARRY CHANNEL RANGE REAR LIGHT 267 yards, 110.5° from front light.		Iso G 6s	50		KRB on skeleton tower.	Visible 4° each side of rangeline.
Camas Slough							
11440	HASSALO ROCK LIGHT 1 185 yards north of rock.	45 34 53 N 122 27 58 W	FI G 2.5s	40	5	SG on dolphin.	
11445	Hassalo Rock Daybeacon 2	45 34 49 N 122 27 58 W				TR on pile.	
11450	CAMAS LIGHT 4	45 34 33 N 122 26 41 W	FI R 4s	21	5	TR on concrete pillar.	
11455	- RANGE FRONT LIGHT	45 34 27 N 122 26 10 W	Q R	35		KRB on dolphin.	Visible all around; higher intensity on rangeline.
11460	- RANGE REAR LIGHT 115 yards, 113° from front light.		Iso R 6s	55		KRB on skeleton tower.	Visible 14° each side of rangeline.
Government Island							
11465	- RANGE FRONT LIGHT	45 33 52 N 122 26 55 W	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.		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 N 122 27 12 W	FI R 4s	40	4	TR on dolphin.	
11480	- UPPER RANGE FRONT LIGHT	45 34 10 N 122 27 42 W	Q R	35		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
11485	- UPPER RANGE REAR LIGHT 167 yards, 290.5° from front light.		Iso R 6s	50		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
11486	<i>Government Island Upper Range Lighted Buoy "35"</i>	45 33 56 N 122 26 29 W	FI G 2.5s		3	Green.	
Lady Island							
11490	- RANGE FRONT LIGHT	45 33 46 N 122 26 52 W	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 N 122 27 15 W	Iso W 6s	62		KRB on tower on dolphin.	Visible 1.5° each side of rangeline.
11497	CHINOOK LANDING MARINE PARK LIGHT 1	45 33 42 N 122 26 42 W	FI G 4s	3		On pile.	Private aid.
11498	CHINOOK LANDING MARINE PARK LIGHT 2	45 33 36 N 122 26 42 W	FI R 4s	3		On pile.	Private aid.
11500	Ione Reef Buoy 1	45 33 57 N 122 24 50 W				Green can.	
11505	- UPPER LIGHT 43	45 34 20 N 122 24 07 W	FI G 4s	28	4	SG on house.	
11510	- UPPER RANGE FRONT LIGHT	45 34 26 N 122 24 04 W	Q G	30		KRB on tower.	Visible 4° each side of rangeline.
11515	- UPPER RANGE REAR LIGHT 265 yards, 263° from front light.		Iso G 6s	50		KRB on skeleton tower.	Visible 4° each side of rangeline.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
11520	- Shoal Buoy 46	45 34 27 N 122 23 22 W				Red nun.	
	Washougal						
11525	- Buoy 48	45 34 17 N 122 21 53 W				Red nun.	
11530	- LOWER RANGE FRONT LIGHT	45 34 03 N 122 20 37 W	FI 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.		Iso G 6s	38		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
11540	Ough Reef Buoy 49	45 34 19 N 122 21 38 W				Green can.	
11545	- LIGHT 50	45 34 07 N 122 21 20 W	FI R 2.5s	36	5	TR on pile structure.	
11550	- UPPER RANGE FRONT LIGHT	45 33 06 N 122 20 23 W	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.		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 37 N 122 20 50 W	FI R 4s	16	4	TR on dolphin.	
11565	Gary Island Dike Daybeacon 54	45 33 21 N 122 20 39 W				TR on pile structure.	
11570	REED ISLAND RANGE FRONT LIGHT	45 33 06 N 122 20 23 W	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.		Iso R 6s	61		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline.
11590	TUNNEL POINT LIGHT 64	45 32 34 N 122 16 32 W	FI R 2.5s	30	5	TR on skeleton tower.	Higher intensity beam up and down channel.
11595	Point Vancouver Buoy 65	45 32 45 N 122 16 06 W				Green can.	
11600	SAND ISLAND LIGHT 66	45 33 02 N 122 14 10 W	FI R 4s	18	4	TR on dolphin.	Higher intensity beam up and down channel.
	Cape Horn						
11605	- LIGHT 67	45 33 45 N 122 12 42 W	FI G 4s	28	4	SG on tower.	
11610	- Channel Buoy 68	45 33 55 N 122 11 52 W				Red nun.	
11615	- RANGE FRONT LIGHT 68A	45 34 05 N 122 11 36 W	Q R	26		KRB on pile.	Ra ref.
11620	- RANGE REAR LIGHT 770 yards, 062.3° from front light.		Iso R 6s	60		KRB on steel tower.	Visible 4° each side of rangeline.
11625	CANDIANA LIGHT 69	45 34 29 N 122 11 23 W	FI G 4s	28	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							
Fashion Reef							
11630	- LOWER RANGE FRONT LIGHT	45 35 06 N 122 07 38 W	Q G	38		KRB on pile structure.	Visible 4° each side of rangeline; higher intensity on rangeline.
11635	- LOWER RANGE REAR LIGHT 684 yards, 077.8° from front light.		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 45 N 122 10 33 W	FI G 2.5s	16	3	SG on dolphin.	
11645	PRINDLE DIKE LIGHT 73	45 34 57 N 122 09 30 W	FI G 6s	15	4	SG on dolphin.	
11650	- Buoy 74 450 feet outside channel limit.	45 34 53 N 122 08 39 W				Red nun.	
11655	- Buoy 75	45 35 02 N 122 08 28 W				Green can.	
11660	- Lighted Buoy 76	45 34 58 N 122 08 02 W	FI R 2.5s		3	Red.	
Multnomah Falls							
11665	- BAR RANGE FRONT LIGHT	45 34 51 N 122 06 29 W	Q R	36		KRB on dolphin.	Visible 4° each side of rangeline.
11670	- BAR RANGE REAR LIGHT 242 yards, 098° from front light.		Iso R 6s	55		KRB on skeleton tower.	Visible 4° each side of rangeline.
11675	- Shoal Buoy 79	45 34 59 N 122 07 31 W				Green can.	
11680	- DIKE LIGHT 82	45 34 55 N 122 06 25 W	FI R 4s	18	4	TR on pile.	Higher intensity beam up channel.
11685	- Buoy 83	45 34 58 N 122 06 32 W	FI G 4s		4	Green.	
11690	- Buoy 83A	45 35 11 N 122 05 50 W				Green can.	
11695	- DIKE LIGHT 84	45 35 10 N 122 05 29 W	FI R 2.5s	4	4	TR on pipe.	
11700	- UPPER RANGE FRONT LIGHT	45 36 50 N 122 02 06 W	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 1,025 yards, 057° from front light.	45 37 06 N 122 01 29 W	Iso W 6s	53		KRB on skeleton tower.	Visible 4° each side of range line.
11710	SKAMANIA LIGHT 85	45 36 25 N 122 03 20 W	FI G 4s	19	4	SG on pile structure.	Higher intensity beam up and down channel.
Warrendale							
11715	- LOWER RANGE FRONT LIGHT	45 36 50 N 122 02 06 W	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.		Iso W 6s	53		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
11725	McGOWANS LIGHT 88	45 36 43 N 122 01 40 W	FI R 4s	10	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							
11730	- UPPER RANGE FRONT LIGHT	45 36 52 N 122 00 35 W	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.		Iso W 6s	46		KRB on skeleton tower.	Visible 14° each side of range line.
11740	IVES ISLAND LIGHT 91	45 37 24 N 121 59 11 W	FI G 4s	20	4	SG on pile.	
11745	MOFFETTS CREEK LIGHT 92	45 37 19 N 121 59 03 W	FI R 4s	27	4	TR on tower.	
11747	BONNEVILLE LOCK ENTRANCE LIGHT 93	45 38 11 N 121 57 26 W	FI G 6s	40	4	SG on tower.	
11749	BONNEVILLE LOCK ENTRANCE LIGHT 94	45 38 03 N 121 57 37 W	FI R 4s	50	3	TR on skeleton tower.	

Section 9

Columbia River

Bonneville Pool to Snake River

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
VANCOUVER TO BONNEVILLE (Chart 18531)							
Bonneville Pool							
11765	- LIGHT 3	45 38 29 N 121 56 09 W	FI G 4s	40	4	SG on skeleton tower.	
11770	- LIGHT 4	45 38 30 N 121 55 57 W	FI R 4s	20	3	TR on pile.	
11775	- LIGHT 5	45 38 44 N 121 55 46 W	FI G 6s	15	4	SG on tower.	
11785	BONNEVILLE DAM MOORING DOLPHIN LIGHT C	45 38 47 N 121 55 22 W	FI Y 4s	18	5	On dolphin.	
11790	- LIGHT 7	45 39 18 N 121 54 38 W	FI G 4s	19	4	SG on skeleton tower.	
BONNEVILLE TO THE DALLES (Chart 18532)							
Cascade Rapids							
11795	- LOWER RANGE FRONT LIGHT 8	45 39 33 N 121 54 02 W	Q W	42	5	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 N 121 54 02 W	Iso W 6s	60		KRB on skeleton tower.	Visible 14° each side of rangeline.
11802	CASCADE LOCKS WARNING SIGN	45 41 12 N 121 51 57 W		20		Sign on dolphin worded WARNING WASTEWATER OUTFALL PIPE.	Private aid.
11805	- UPPER RANGE FRONT LIGHT 15	45 41 18 N 121 53 07 W	Q G	27	4	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.		Iso G 6s	48		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
Bonneville Pool							
11815	- LIGHT 12	45 40 14 N 121 53 51 W	FI R 4s	25	3	TR on skeleton tower.	
11820	- LIGHT 14	45 40 55 N 121 53 17 W	Q R	20	3	TR on multi-pile structure.	
11825	STEVENSON LOWER RANGE FRONT LIGHT	45 40 42 N 121 53 58 W	Q W	23		KRB on concrete base.	Visible 4° each side of rangeline.
11830	STEVENSON LOWER RANGE REAR LIGHT 950 yards, 238.8° from front light.		Iso W 6s	48		KRB on skeleton tower.	Visible 4° each side of rangeline.
11835	- Buoy 16	45 41 31 N 121 52 04 W				Red nun.	
11840	WIND MOUNTAIN LOWER RANGE FRONT LIGHT 17	45 42 06 N 121 50 49 W	Q G	26	4	KRB on concrete piles, SG oriented up and downstream.	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							
11845	WIND MOUNTAIN LOWER RANGE REAR LIGHT 840 yards, 275° from front light.	45 42 08 N 121 51 25 W	Iso G 6s	51		KRB on skeleton tower.	Visible 14° each side of rangeline.
11850	- Buoy 18	45 41 51 N 121 50 43 W				Red nun.	
11855	- LIGHT 22	45 41 54 N 121 48 37 W	FI R 4s	15	3	TR on concrete pillars.	
11860	- LIGHT 23	45 41 48 N 121 44 14 W	FI G 6s	15	4	SG on dolphin.	
11865	- LIGHT 25	45 41 50 N 121 42 24 W	FI G 4s	31	4	SG on pile.	
11870	WIND MOUNTAIN UPPER RANGE FRONT LIGHT 26	45 41 34 N 121 42 09 W	Q R	26	4	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.		Iso R 6s	63		KRB on pile structure.	Visible 5.5° each side of rangeline.
11880	COOK POINT RANGE FRONT LIGHT 27	45 42 30 N 121 39 41 W	Q W	30		KRB on rock face, SG oriented up channel.	Visible all around; higher intensity on rangeline.
11885	COOK POINT RANGE REAR LIGHT 1,050 yards, 068° from front light.		Iso W 6s	58		KRB on skeleton tower.	Visible 4° each side of rangeline.
11890	- Daybeacon 28	45 42 02 N 121 40 08 W				TR on pile.	
11895	LITTLE WHITE SALMON UPPER RANGE FRONT LIGHT 30	45 42 18 N 121 36 46 W	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.		Iso R 6s	53		KRB on skeleton tower.	Visible 4° each side of rangeline.
11905	- Lighted Buoy 32	45 42 38 N 121 35 54 W	FI R 4s		4	Red.	
11910	- Lighted Buoy 34	45 43 23 N 121 32 40 W	FI R 2.5s		4	Red.	
11915	HOOD RIVER RANGE FRONT LIGHT	45 43 27 N 121 29 51 W	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.		Iso W 6s	55		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
11925	- LIGHT 35	45 43 38 N 121 30 42 W	FI G 4s	14	4	SG on skeleton tower.	
Hood River							
11930	- Bridge Approach Buoy 35A	45 43 10 N 121 29 43 W				Green can.	
11932	- Buoy 36	45 43 19 N 121 30 44 W				Red nun.	
11935	- Bridge Approach Buoy 37	45 43 06 N 121 29 34 W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
11940	- Bridge Approach Buoy 38	45 43 03 N 121 29 39 W				Red nun.	
11956	- Boat Basin Daybeacon 1	45 43 00 N 121 30 35 W				SG on dolphin.	
11960	- BREAKWATER LIGHT	45 42 54 N 121 30 24 W	F Y	13		On pipe.	Private aid.
11965	- MARINA ENTRANCE WEST LIGHT	45 42 58 N 121 30 03 W	FI R 4s	13		On pipe.	Private aid.
11970	- MARINA ENTRANCE EAST LIGHT	45 42 50 N 121 29 59 W	FI G 4s	13		On pile.	Private aid.
Bonneville Pool							
11985	- <i>Lighted Buoy 39</i>	45 42 13 N 121 27 43 W	FI G 4s		4	Green.	
11990	BINGEN RANGE FRONT LIGHT 40	45 41 42 N 121 26 41 W	Q R	27	6	KRB on skeleton tower, TR oriented up channel.	Visible all around; higher intensity on rangeline.
11995	BINGEN RANGE REAR LIGHT 1,600 yards, 123° from front light.	45 41 16 N 121 25 46 W	Iso R 6s	60	9	KRB on skeleton tower.	Visible 14° each side of rangeline.
12000	BINGEN BOAT BASIN ENTRANCE LIGHT 3	45 42 15 N 121 27 16 W	FI G 6s	27	4	SG on pile.	
12005	Bingen Boat Basin Entrance Daybeacon 4	45 42 15 N 121 27 12 W				TR on pile.	
12010	- LIGHT 41	45 41 56 N 121 25 27 W	FI G 2.5s	11	3	SG on platform.	Ra ref.
12015	- Daybeacon 42	45 41 29 N 121 25 29 W		18		TR on pile.	
12020	- LIGHT 45	45 41 51 N 121 23 45 W	FI G 4s	29	4	SG on skeleton tower.	
12025	- Buoy 45A	45 41 55 N 121 23 16 W				Green can.	Ra ref.
12030	- LIGHT 47	45 42 22 N 121 22 40 W	FI G 6s	39	4	SG on tower.	
12035	- Water Intake Warning Sign	45 42 01 N 121 22 07 W		10		NW on pile structure worded DANGER.	Private aid.
12040	- LIGHT 48	45 42 04 N 121 21 55 W	FI R 4s	26	3	TR on tower.	
12045	- LIGHT 50	45 42 15 N 121 20 28 W	FI R 6s	26	4	TR on pile structure.	
12051	- Daybeacon 51	45 42 19 N 121 20 25 W				SG on single steel pile.	
12055	MEMALOOSE ISLAND SOUTH LIGHT 1	45 42 07 N 121 20 30 W	FI G 2.5s	28	3	SG on tower.	
12060	Memaloose Island South Daybeacon 2	45 42 03 N 121 20 29 W				TR on pile.	Ra ref.
12065	- LIGHT 53	45 42 18 N 121 20 10 W	FI G 4s	26	4	SG on pile structure.	
12070	- LIGHT 54	45 41 39 N 121 18 22 W	FI R 4s	21	4	TR on cylinder.	
12075	- Daybeacon 55	45 41 38 N 121 17 51 W				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							
12080	- LIGHT 56	45 41 07 N 121 17 11 W	FI R 2.5s	26	4	TR on skeleton tower.	Visible all around; higher intensity beam upstream.
12085	- LIGHT 57	45 41 17 N 121 17 12 W	FI G 2.5s	30	3	SG on skeleton tower.	Ra ref.
12090	- LIGHT 57A	45 40 34 N 121 14 04 W	FI G 4s	35	4	SG on skeleton tower.	
12095	- <i>Lighted Buoy 58</i>	45 40 17 N 121 13 34 W	FI R 4s		4	Red.	
12100	- LIGHT 60	45 39 52 N 121 12 59 W	FI R 6s	22	4	TR on concrete piles.	
12105	- LIGHT 62	45 38 56 N 121 12 07 W	FI R 2.5s	40	4	TR on tower.	
12110	- LIGHT 64	45 37 35 N 121 11 48 W	FI R 4s	17	4	TR on concrete crib.	
12120	THE DALLES BOAT BASIN LIGHT 2	45 36 08 N 121 10 26 W	FI R 4s	19	4	TR on dolphin.	
12125	- LIGHT 67	45 36 36 N 121 08 52 W	FI G 2.5s	21	4	SG on house.	
12130	- Buoy 69	45 36 33 N 121 08 52 W				Green can.	
LAKE CELILO (Chart 18533)							
The Dalles to John Day Dam							
The Dalles Dam							
12135	- Buoy A Marks restricted area.	45 37 05 N 121 07 58 W				White can with orange bands and orange diamond with orange center cross worded DAM.	
12140	- Buoy B Marks restricted area.	45 37 07 N 121 07 45 W				White can with orange bands and orange diamond with orange center cross worded DAM.	
12145	- Buoy C Marks restricted area.	45 37 10 N 121 07 34 W				White can with orange bands and orange diamond with orange center cross worded DAM.	
12150	- Buoy D Marks restricted area.	45 37 12 N 121 07 26 W				White can with orange bands and orange diamond with orange center cross worded DAM.	
Lake Celilo							
12155	- LIGHT 1	45 37 32 N 121 07 19 W	FI G 4s	21	4	SG on tower.	
12160	- LIGHT 3	45 37 55 N 121 06 41 W	FI G 6s	21	4	SG on concrete pillars.	Higher intensity beam up and down channel.
12165	- LIGHT 4	45 38 16 N 121 05 41 W	FI R 4s	15	4	TR on concrete pillars.	Higher intensity beam up and down channel.
12170	- Daybeacon 6	45 38 40 N 121 05 10 W				TR on pile.	
12175	- LIGHT 7	45 39 09 N 121 04 46 W	FI G 2.5s	17	3	SG on concrete pillars.	
12180	- Buoy 8	45 39 15 N 121 04 00 W				Red nun.	
12185	- LIGHT 9	45 39 26 N 121 03 30 W	FI G 4s	23	4	SG on concrete pillars.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
12190	- LIGHT 10	45 39 25 N 121 02 21 W	FI R 4s	31	3	TR on multi-pile structure.	Ra ref.
12195	- LIGHT 11	45 39 39 N 121 01 40 W	FI G 6s	17	4	SG on skeleton tower.	Ra ref.
12200	- LIGHT 12	45 39 11 N 121 00 34 W	FI R 2.5s	15	3	TR on pile structure.	Ra ref.
12205	- LIGHT 18	45 38 44 N 120 58 20 W	FI R 4s	15	3	TR on concrete pier.	
12210	- Daybeacon 20	45 38 55 N 120 58 01 W				TR on concrete pier.	
12215	- BOAT BASIN LIGHT 22	45 39 01 N 120 57 51 W	Q R	17	4	TR on concrete pier.	
12220	Hells Gate Range A Front Daybeacon	45 39 19 N 120 54 18 W				KGB on skeleton tower.	
12225	Hells Gate Range A Rear Daybeacon 205 yards, 093° from front daybeacon.					KGB on skeleton tower.	
12230	- Daybeacon 27	45 39 44 N 120 53 07 W				SG on pile.	
12235	MILLER ISLAND SOUTH CHANNEL RANGE A FRONT LIGHT	45 39 40 N 120 56 48 W	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.		Iso G 6s	55		KRB on skeleton tower.	Visible 4° each side of rangeline.
12245	- SOUTH CHANNEL LIGHT 2	45 38 53 N 120 56 06 W	FI R 6s	19	4	TR on skeleton tower.	Higher intensity beam up channel.
12251	- SOUTH CHANNEL LIGHT 3	45 38 51 N 120 55 45 W	FI G 4s	19	4	On multi-pile structure.	
12255	MILLER ISLAND SOUTH CHANNEL RANGE B FRONT LIGHT	45 38 15 N 120 54 01 W	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.		Iso G 6s	74		KRB on skeleton tower.	Visible 4° each side of rangeline.
12265	- South Channel Daybeacon 4	45 38 21 N 120 55 06 W				TR on pile.	
12270	- South Channel Daybeacon 5	45 38 34 N 120 54 21 W				SG on pile structure.	Ra ref.
12275	MILLER ISLAND SOUTH CHANNEL RANGE C FRONT LIGHT	45 38 08 N 120 54 45 W	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.		Iso G 6s	110		KRB on skeleton tower.	Visible 4° each side of rangeline.
12285	Hells Gate Range B Front Daybeacon	45 39 48 N 120 51 24 W				KGB 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							
12290	Hells Gate Range B Rear Daybeacon 410 yards, 092.5° from front daybeacon.					KGB on skeleton tower.	
12295	- Buoy 29	45 39 54 N 120 51 59 W				Green can.	
12300	- <i>Lighted Buoy 31</i>	45 40 18 N 120 51 26 W	FI G 4s		4	Green.	
12306	TIDEWATER MOORING BARGE LIGHT A	45 40 13 N 120 50 54 W	FI Y 10s	13		On mooring barge.	Private aid.
12311	TIDEWATER MOORING BARGE LIGHT B	45 40 11 N 120 50 57 W	FI Y 10s	13		On mooring barge.	Private aid.
12320	- Buoy 32	45 40 21 N 120 50 39 W				Red nun.	
Maryhill-Biggs Bridge Approach							
12325	- Buoy 33	45 40 36 N 120 50 17 W				Green can.	
12330	- Buoy 34	45 40 31 N 120 50 16 W				Red nun.	
12335	- Buoy 35	45 40 39 N 120 50 05 W				Green can.	
12340	- Buoy 36	45 40 34 N 120 50 01 W				Red nun.	
Lake Celilo							
12345	- Daybeacon 40	45 40 59 N 120 47 50 W				TR on pile.	
12350	- LIGHT 41	45 41 23 N 120 47 20 W	FI G 4s	15	4	SG on skeleton tower.	
12355	- Daybeacon 42	45 41 31 N 120 45 52 W				TR on pile.	
12360	- Buoy 45	45 42 20 N 120 43 51 W				Green can.	
12365	- Daybeacon JD	45 42 16 N 120 43 23 W				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 N 120 43 02 W	FI R 6s	28	5	TR on dolphin.	Higher intensity beam down channel.
12375	- RANGE FRONT LIGHT	45 42 56 N 120 42 16 W	Q G	20		KRB on platform.	Visible 5.5° each side of rangeline.
12380	- RANGE REAR LIGHT 275 yards, 060.8° from front light		Iso G 6s	35		KRB on skeleton tower.	Visible 5.5° each side of rangeline.
12385	- DAM LOWER BREAKWATER LIGHT 2	45 43 05 N 120 42 09 W	FI R 2s	17		On breakwater.	Maintained by U.S. Army Corps of Engineers.
12390	- DAM LOWER GUIDEWALL LIGHT 4 700 feet below lock gate.	45 43 05 N 120 42 04 W	F R	27		On breakwater.	Maintained by U.S. Army Corps of Engineers.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
Lake Umatilla							
12395	- LIGHT 1	45 43 25 N 120 41 23 W	FI G 2.5s	20	5	SG on pile.	On rock pinnacle.
12400	- <i>Lighted Buoy 2</i> Marks restricted area.	45 43 21 N 120 41 14 W	FI R 4s		4	Red.	
12405	John Day Dam Buoy A Marks restricted area.	45 43 14 N 120 41 10 W				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 N 120 41 05 W				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 N 120 40 59 W				White can with orange bands and orange diamond with orange center cross worded DAM.	
12420	- Daybeacon 4	45 44 09 N 120 38 46 W				TR on skeleton tower.	
12425	- LIGHT 5	45 45 03 N 120 37 41 W	FI G 4s	27	4	SG on skeleton tower. 15	
12430	- LIGHT 6	45 44 13 N 120 34 36 W	FI R 2.5s	61	4	TR on platform.	
12435	- <i>Lighted Buoy 8</i>	45 42 32 N 120 31 20 W	FI R 4s		4	Red.	
12440	- LIGHT 9	45 42 19 N 120 30 10 W	FI G 4s	22	4	SG on skeleton tower.	
12445	- <i>Lighted Buoy 10</i>	45 41 50 N 120 30 19 W	FI R 6s		4	Red.	
12450	- LIGHT 12	45 41 29 N 120 27 55 W	FI R 2.5s	15	4	TR on pile.	
12455	- LIGHT 11	45 42 09 N 120 27 38 W	FI G 6s	55	4	SG on skeleton tower. 16	
12460	- LIGHT 13	45 42 02 N 120 26 30 W	FI G 2.5s	15	4	SG on pile.	
12465	- LIGHT 15	45 42 24 N 120 23 16 W	FI G 4s	28	4	SG on skeleton tower. 16	
SUNDALE TO HEPPNER JUNCTION (Chart 18536)							
Lake Umatilla							
12470	- LIGHT 17	45 42 47 N 120 20 25 W	FI G 6s	69	4	SG on skeleton tower. 14	
12475	- LIGHT 18	45 42 59 N 120 17 01 W	FI R 4s	35	4	TR on skeleton tower. 12	
12480	- Daybeacon 20	45 43 22 N 120 12 34 W				TR on skeleton tower.	
12485	ARLINGTON CARGILL LIGHT	45 43 29 N 122 12 07 W	F R			Loading tower of grain elevator.	Private aid.
12490	- LIGHT 21	45 44 10 N 120 12 01 W	FI G 2.5s	15	4	SG on pile.	
12495	- LIGHT 22	45 45 15 N 120 10 07 W	FI R 4s	10	4	TR on skeleton tower.	
12500	- Daybeacon 23	45 45 16 N 120 11 22 W				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							
12505	- LIGHT 23A	45 46 57 N 120 07 50 W	FI G 6s	27	4	SG on skeleton tower.	Ra ref.
12510	- LIGHT 25	45 47 16 N 120 05 29 W	FI G 4s	34	4	SG on skeleton tower.	
12515	- LIGHT 26	45 47 37 N 120 01 56 W	FI R 6s	37	4	TR on skeleton tower.	
12520	- LIGHT 27	45 49 01 N 119 59 46 W	FI G 2.5s	29	4	SG on skeleton tower.	
ALDERDALE TO BLALOCK ISLANDS (Chart 18537)							
Lake Umatilla							
12525	- LIGHT 28	45 49 05 N 119 58 04 W	FI R 4s	15	4	TR on pile.	
12530	- LIGHT 29	45 49 53 N 119 56 16 W	FI G 4s	15	4	SG on dolphin.	
12535	- LIGHT 30	45 49 27 N 119 55 53 W	FI R 2.5s	15	4	TR on pile structure.	
12540	- LIGHT 31	45 50 33 N 119 51 38 W	FI G 6s	15	4	SG on pile structure.	
12545	- LIGHT 32	45 50 10 N 119 51 15 W	FI R 6s	15	4	TR on pile.	
12550	- LIGHT 34	45 50 38 N 119 49 02 W	FI R 4s	15	5	TR on dolphin.	
12555	- LIGHT 35	45 51 05 N 119 48 34 W	FI G 4s	55	4	SG on skeleton tower.	
12560	- LIGHT 36	45 50 43 N 119 46 59 W	FI R 6s	15	4	TR on pile structure.	
12565	- LIGHT 37	45 51 08 N 119 45 35 W	FI G 6s	15	4	SG on pile.	
12570	MESSNER LOWER RANGE FRONT LIGHT	45 51 01 N 119 41 36 W	FI W 2.5s (Day) FI R 2.5s (Night)	41		Skeleton tower.	Day range visible on rangeline. Night range visible 1.5° each side of rangeline. Lighted throughout 24 hours.
12575	MESSNER LOWER RANGE REAR LIGHT 185 yards, 085° from front light.		Iso W 6s (Day) Iso R 6s (Night)	64		Skeleton tower.	Day range visible on rangeline. Night range visible 1.5° each side of rangeline. Lighted throughout 24 hours.
12580	- LIGHT 39	45 51 06 N 119 43 07 W	FI G 2.5s	15	4	SG on dolphin.	Ra ref.
12585	BOARDMAN MARINE PARK ENTRANCE LIGHT 1	45 50 41 N 119 42 46 W	FI G 4s	17	4	SG on platform.	
12590	BOARDMAN MARINE PARK ENTRANCE LIGHT 2	45 50 47 N 119 42 46 W	FI R 4s	17	3	TR on platform.	
12595	MESSNER MIDDLE RANGE FRONT LIGHT	45 51 35 N 119 39 34 W	Q W	29		KRB on pile structure. 14	Visible all around; higher intensity on rangeline.
12600	MESSNER MIDDLE RANGE REAR LIGHT 145 yards, 075.2° from front light.	45 51 36 N 119 39 28 W	Iso W 6s	47		KRB on skeleton tower. 17	Visible 5.5° each side of rangeline.
12605	- LIGHT 40	45 51 11 N 119 41 28 W	FI R 4s	15	4	TR on dolphin.	
12610	- LIGHT 41	45 51 30 N 119 40 28 W	FI G 4s	15	4	SG on dolphin.	Higher intensity beam up and down channel. Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
12615	MESSNER UPPER RANGE FRONT LIGHT	45 51 17 N 119 39 59 W	Q R	14		KRB on pile structure.	Visible 4° each side of rangeline.
12620	MESSNER UPPER RANGE REAR LIGHT 300 yards, 210.3° from front light.		Iso R 6s	43		KRB on skeleton tower. 37	Visible 4° each side of rangeline.
12625	- LIGHT 43	45 51 56 N 119 39 41 W	FI G 6s	17	4	SG on dolphin.	
12630	- LIGHT 45	45 52 24 N 119 39 11 W	FI G 4s	15	4	SG on dolphin.	Higher intensity beam up and down channel.
12635	- Daybeacon 46	45 52 53 N 119 38 16 W				TR on pile.	Ra ref.
BLALOCK ISLAND TO McNARY DAM (CHART 18539)							
Lake Umatilla							
12640	- LIGHT 49	45 53 20 N 119 38 26 W	FI G 6s	15	4	SG on pile.	
12645	- LIGHT 50	45 53 42 N 119 37 35 W	FI R 4s	19	4	TR on pile. 8	
12650	- LIGHT 51	45 54 53 N 119 36 48 W	Q G	15	4	SG on dolphin.	
12655	- LIGHT 53	45 55 21 N 119 35 46 W	FI G 4s	15	4	SG on dolphin.	
12660	- LIGHT 55	45 55 30 N 119 35 08 W	FI G 6s	15	4	SG on pile.	
12665	IRRIGON LOWER RANGE FRONT LIGHT 60	45 54 05 N 119 30 52 W	Q R	34		KRW on skeleton tower, TR oriented upstream. 17	Visible all around; higher intensity on rangeline.
12670	IRRIGON LOWER RANGE REAR LIGHT 385 yards, 116.2° from front light.		Iso R 6s	50		KRW on skeleton tower. 35	Visible 4° each side of rangeline.
12680	- LIGHT 57	45 54 45 N 119 32 19 W	FI G 4s	16	4	SG on dolphin.	
12685	- LIGHT 59	45 54 27 N 119 31 15 W	FI G 2.5s	17	4	SG on dolphin.	
12690	IRRIGON MIDDLE RANGE FRONT LIGHT 67	45 55 19 N 119 26 33 W	Q G	36		KRW on skeleton tower, SG oriented upstream. 30	Visible all around; higher intensity on rangeline.
12695	IRRIGON MIDDLE RANGE REAR LIGHT 317 yards, 063.2° from front light.	45 55 23 N 119 26 20 W	Iso G 6s	59		KRW on skeleton tower. 17	Visible 14° each side of rangeline.
12700	- LIGHT 62	45 54 18 N 119 29 00 W	FI R 2.5s	17	4	TR on dolphin.	
12705	- LIGHT 64	45 54 45 N 119 27 55 W	FI R 4s	18	4	TR on dolphin.	
12710	PUMP STATION INTAKE LIGHT	45 54 52 N 119 25 53 W	FI R 10s	15		On end of intake pipe.	Private aid.
12715	IRRIGON UPPER RANGE FRONT LIGHT	45 55 09 N 119 27 30 W	Q W	45		KRB on skeleton tower. 43	Visible 4° each side of rangeline.
12720	IRRIGON UPPER RANGE REAR LIGHT 660 yards, 267.3° from front light.		Iso W 6s	68		KRB on skeleton tower. 13	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							
12725	- Buoy 70	45 55 07 N 119 24 33 W				Red nun.	
12730	- LIGHT 72	45 55 58 N 119 23 39 W	FI R 4s	25	4	TR on dolphin.	
12735	- LIGHT 73	45 55 34 N 119 21 46 W	FI G 4s	23	5	SG on pile. 13	
12740	UMATILLA MARINA ENTRANCE LIGHT 1	45 55 35 N 119 19 56 W	FI G 6s	15	4	SG on pile.	
12745	- Buoy 75	45 55 48 N 119 20 00 W				Green can.	
12750	- Buoy 76	45 55 49 N 119 19 46 W				Red nun.	
12755	- Buoy 77	45 55 59 N 119 19 38 W				Green can.	
12760	- Buoy 78	45 55 53 N 119 19 36 W				Red nun.	
12765	McNARY RANGE FRONT LIGHT	45 56 22 N 119 18 37 W	Q G	36		KRW on skeleton tower. 16	Visible 4° each side of rangeline.
12770	McNARY RANGE REAR LIGHT 433 yards, 057.1° from front light.		Iso G 6s	63		KRW on skeleton tower. 16	Visible 4° each side of rangeline.
MCNARY DAM TO JUNIPER (Chart 18541)							
Lake Wallula							
McNary Boat Ramp							
12815	<i>Lake Wallula Lighted Buoy 2</i>	45 56 28 N 119 17 16 W	FI R 4s		4	Red.	
McNary Dam							
<i>Buoys mark restricted area.</i>							
12820	McNary Dam Buoy "A"	45 56 28 N 119 17 26 W				White can with orange bands and orange diamond with orange center cross worded A.	
12825	McNary Dam Buoy "B"	45 56 21 N 119 17 18 W				White can with orange bands and orange diamond with orange center cross worded B.	
12830	McNary Dam Buoy "C"	45 56 15 N 119 17 19 W				White can with orange bands and orange diamond with orange center cross worded C.	
12835	McNary Dam Buoy "D"	45 56 08 N 119 17 21 W				White can with orange bands and orange diamond with orange center cross worded D.	
12840	McNary Dam Buoy "E"	45 56 02 N 119 17 22 W				White can with orange bands and orange diamond with orange center cross worded E.	
12845	- Buoy F	45 55 56 N 119 17 24 W				White can with orange bands and orange diamond with orange center cross worded DAM.	
12850	- Buoy G	45 55 52 N 119 17 29 W				White can with orange bands and orange diamond with orange center cross worded DAM.	
12855	- Buoy H	45 55 48 N 119 17 33 W				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
COLUMBIA RIVER - Thirteenth District							
12860	McNary Research Float	46 56 15 N 119 17 08 W	FI Y 6s			Yellow pontoon float.	Private aid.
12860	McNary Research Float	45 56 15 N 119 17 08 W	FI Y 6s			Yellow pontoon float.	Private aid.
Lake Wallula							
12865	- LIGHT 1	45 56 46 N 119 16 45 W	FI G 4s	12	4	SG on tower.	
12870	- LAKE WALLULA LIGHT 4	45 55 17 N 119 09 58 W	FI R 6s	17	5	TR on tower.	Higher intensity beam down channel.
12873	- Pump Station Safety Zone Lighted Buoys (5)	45 55 25 N 119 07 19 W	FI W 4s			White can with orange bands and orange diamond with cross worded DANGER CLOSED AREA.	Private aid.
12875	- LIGHT 7	45 56 44 N 119 06 27 W	FI G 6s	34	4	SG on tower.	
12880	- Daybeacon 9	45 57 48 N 119 04 18 W				SG on tower.	
12885	- Daybeacon 11	45 57 54 N 119 04 00 W				SG on tower.	
12890	- LIGHT 13	45 58 25 N 119 01 58 W	FI G 4s	29	4	SG on tower.	
12895	- LIGHT 14	45 59 41 N 118 59 01 W	FI R 4s	80	4	TR on tower.	
JUNIPER TO PASCO (Chart 18542)							
Lake Wallula							
12900	Port Kelley Range A Front Daybeacon	46 01 35 N 118 56 10 W				KRB on skeleton tower.	Private aid.
12905	Port Kelley Range A Rear Daybeacon 235 yards, 075.5° from front daybeacon.					KRB on skeleton tower.	Private aid.
12910	- LIGHT 20	46 02 42 N 118 56 26 W	FI R 6s	22	4	TR on tower.	
12915	- Buoy 22	46 03 25 N 118 56 21 W				Red nun.	
Boise Cascade							
12942	WORDEN FARMS PUMP STATION LIGHT A	46 05 08 N 118 55 29 W	FI Y 4s	3		On steel structure.	Private aid.
Lake Wallula							
12965	- LIGHT 23	46 03 56 N 118 57 01 W	FI G 4s	16	5	SG on platform.	
12970	- Buoy 26	46 05 59 N 118 57 03 W				Red nun.	
12975	- Buoy 27	46 06 15 N 118 57 46 W				Green can.	
12980	- WEST CHANNEL JUNCTION LIGHT	46 07 34 N 118 58 18 W	FI (2+1) G 6s	24	4	JG on dolphin.	
12985	Homly Center Channel Buoy 1	46 08 02 N 118 58 54 W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
12991	<i>Homly Center Channel Lighted Buoy 2</i>	46 09 07 N 118 59 42 W	FI R 4s		3	Red.	
12995	- LIGHT 30	46 07 51 N 118 57 51 W	FI R 2.5s	23	5	TR on pile.	
13000	- LIGHT 34	46 08 53 N 118 58 40 W	FI R 4s	23	4	TR on dolphin.	
13005	- Buoy 36	46 09 11 N 118 59 03 W				Red nun.	
13010	- Junction Daybeacon	46 09 29 N 118 59 54 W		10		JG on pile.	Ra ref.
13015	- LIGHT 38	46 10 03 N 118 59 57 W	FI R 6s	40	4	TR on skeleton tower.	Higher intensity beam down channel.
13017	<i>Agrium Research Lighted Buoy A</i>	46 09 54 N 119 00 45 W	FI Y 6s			Yellow research buoy.	Private aid.
13018	<i>Agrium Research Lighted Buoy B</i>	46 09 58 N 119 00 52 W	FI Y 6s			Yellow research buoy.	Private aid.
13020	HEDGES TERMINAL WHARF NORTH LIGHT	46 10 33 N 119 01 14 W	F Y	17		On dolphin.	Private aid.
13025	HEDGES TERMINAL WHARF SOUTH LIGHT	46 10 30 N 119 01 10 W	F Y	17		On dolphin.	Private aid.
13030	- Daybeacon 42	46 11 29 N 119 01 34 W		15		TR on pile.	Ra ref.
13040	SNAKE RIVER JUNCTION LIGHT S	46 11 53 N 119 02 23 W	FI (2+1) G 6s	16	4	JG on platform.	
13045	- Daybeacon 44	46 12 12 N 119 03 36 W				TR on pile.	Ra ref.
13050	- Light 46	46 12 32 N 119 04 45 W	FI R 6s		4	TR on pile.	Ra ref.
13055	- Light 49	46 13 17 N 119 07 13 W	FI G 4s		4	SG on pile.	Ra ref.
13060	- Light 52	46 14 02 N 119 11 26 W	FI R 4s	10	3	TR on dolphin.	
13071	- Buoy 56	46 14 14 N 119 12 22 W				Red nun.	
13075	- Light 59	46 14 23 N 119 12 52 W	FI G 2.5s	17	3	SG on pile.	Ra ref.
13085	- Daybeacon 68	46 16 23 N 119 15 43 W		20		TR on dolphin.	Ra ref.
13095	KENNEWICK WATER INTAKE LIGHTS (2)	46 12 54 N 119 06 18 W	F R	31		On corners of structure.	Private aids.
13100	RICHLAND WATER INTAKE LIGHTS (2)	46 18 55 N 119 15 33 W	F Y	38		White house.	Private aids.

Section 10

Snake River to Lower Granite Lake

(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							
<i>Mileage from mouth of Snake River in statute miles.</i>							
13105	MILE 1 RANGE FRONT LIGHT	46 12 19 N 119 02 09 W	Q W	26		KRB on tower.	Visible 14° each side of rangeline.
13110	MILE 1 RANGE REAR LIGHT 393 yards, 345° from front light.		Iso W 6s	43		KRB on tower.	Visible 14° each side of rangeline.
13115	- Buoy 3	46 13 20 N 119 00 26 W				Green can.	
13120	MILE 4 RANGE FRONT LIGHT	46 13 34 N 118 59 33 W	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.		Iso R 6s	56		KRW on platform.	Visible 14° each side of rangeline.
13130	MILE 5 RANGE FRONT LIGHT		Q G	97		KRW on tower.	Visible 4° each side of rangeline.
13135	MILE 5 RANGE REAR LIGHT 270 yards, 043° from front light.		Iso G 6s	128		KRW on tower.	Visible 4° each side of rangeline.
13140	- Daybeacon 4					TR on pile.	Ra ref.
13145	- Buoy 5	46 14 06 N 118 58 58 W				Green can.	
13150	- Buoy 6	46 14 16 N 118 58 13 W				Red nun.	
13155	- Buoy 7	46 14 20 N 118 58 14 W				Green can.	
13160	MILE 6 RANGE FRONT LIGHT	46 14 25 N 118 57 52 W	Q W	26		KRW on tower.	Visible 4° each side of rangeline.
13165	MILE 6 RANGE REAR LIGHT 679 yards, 064° from front light.		Iso W 6s	45		KRW on tower.	Visible 4° each side of rangeline.
13170	- <i>Lighted Buoy 8</i>	46 14 23 N 118 57 28 W	FI R 4s		3	Red.	
13175	- LIGHT 9		FI G 2.5s	28	4	SG on skeleton tower.	
13180	- Buoy 10 On rock ledge.	46 14 25 N 118 57 09 W				Red nun.	Buoy depth significantly less than channel depth.
13185	- LIGHT 11		FI G 6s	15	4	SG on skeleton tower.	
13190	- Buoy 12 On rock ledge.	46 14 30 N 118 56 23 W				Red nun.	Buoy depth significantly less than channel depth.
13195	- Buoy 14 On rock ledge.	46 14 35 N 118 55 48 W				Red nun.	Buoy depth significantly less than channel depth.
13200	- Buoy 16 On rock ledge.	46 14 41 N 118 55 06 W				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							
13205	- LIGHT 17	46 14 46 N 118 55 00 W	FI G 4s	15	4	SG on pile.	
13210	- Buoy 18 On rock ledge.	46 14 47 N 118 54 27 W				Red nun.	Buoy depth significantly less than channel depth.
13215	- LIGHT 19	46 14 53 N 118 54 12 W	FI G 2.5s	15	4	SG on skeleton tower.	
13220	- Buoy 20 On rock ledge.	46 14 54 N 118 53 46 W				Red nun.	Buoy depth significantly less than channel depth.
Lake Sacajawea							
Ice Harbor Dam							
13225	- Buoy A Marks restricted area.	46 15 05 N 118 52 32 W				White can with orange bands and orange diamond with orange center cross, worded DAM.	
13230	- Buoy B Marks restricted area.	46 15 04 N 118 52 25 W				White can with orange bands and orange diamond with orange center cross, worded DAM.	
13235	- Buoy C Marks restricted area.	46 15 00 N 118 52 13 W				White can with orange bands and orange diamond with orange center cross, worded DAM.	
Lake Sacajawea							
13255	- Daybeacon 1					SG on post.	
13260	- <i>Lighted Buoy 2</i>	46 15 05 N 118 52 14 W	FI R 4s		4	Red.	
13263	Ice Harbor Research Float		FI Y 6s			Yellow pontoon float.	Private aid.
13265	- LIGHT 3	46 15 31 N 118 51 21 W	FI G 2.5s	15	4	SG on tower.	
13275	- LIGHT 5		FI G 4s	19	4	SG on pile.	
13280	- LIGHT 6	46 17 03 N 118 48 46 W	FI R 2.5s	41	3	TR on pile.	
13290	- LIGHT 9		FI G 4s	20	4	SG on skeleton tower.	
13295	- LIGHT 10	46 18 01 N 118 45 42 W	FI R 4s	30	3	TR on skeleton tower.	
13300	- LIGHT 11	48 18 36 N 118 46 30 W	FI G 6s	7	4	SG on skeleton tower.	
13310	- LIGHT 13	46 20 03 N 118 45 42 W	FI G 2.5s	28	3	SG on skeleton tower.	
13320	- LIGHT 16	46 21 16 N 118 44 43 W	FI R 4s	40	3	TR on platform.	
13325	- LIGHT 17	46 21 27 N 118 44 57 W	FI G 4s	20	4	SG on skeleton tower.	
13330	- LIGHT 22	46 21 33 N 118 42 03 W	FI R 6s	35	4	TR on skeleton tower.	
13335	- LIGHT 23	46 22 02 N 118 42 02 W	FI G 2.5s	21	3	SG on skeleton tower.	
13340	- LIGHT 25	46 22 58 N 118 41 39 W	FI G 4s	20	6	SG on skeleton tower.	
13350	- LIGHT 27	46 23 38 N 118 40 07 W	FI G 6s	21	4	SG on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SNAKE RIVER - Thirteenth District							
13355	- Buoy 28	46 24 16 N 118 39 12 W				Red nun.	
13360	- Buoy 29	46 24 48 N 118 38 15 W				Green can.	
13365	- Daybeacon 31					SG on pile.	
13370	- LIGHT 32	46 24 43 N 118 38 00 W	FI R 6s	46	4	TR on skeleton tower.	
13371	- Buoy 32A Marks shoal.	46 25 07 N 118 37 54 W				Red nun.	
13375	- LIGHT 33	46 25 28 N 118 38 12 W	FI G 4s	21	4	SG on skeleton tower.	
13380	- Buoy 34	46 26 12 N 118 38 27 W				Red nun.	
13385	- LIGHT 35	46 26 08 N 118 38 39 W	FI G 2.5s	21	3	SG on skeleton tower.	
13390	- Buoy 38	46 26 36 N 118 38 23 W				Red nun.	
13395	- Buoy 40	46 27 14 N 118 37 50 W				Red nun.	
13400	- Buoy 42	46 27 30 N 118 37 34 W				Red nun.	
13405	- LIGHT 43	46 27 48 N 118 37 40 W	FI G 6s	21	4	SG on skeleton tower.	
13410	- Buoy 44	46 28 29 N 118 37 17 W				Red nun.	
13415	- LIGHT 45	46 28 06 N 118 37 29 W	FI G 4s	21	4	SG on skeleton tower.	
13420	Lake Sacajawea Buoy 46	46 28 51 N 118 37 19 W				Red nun.	
13425	- LIGHT 47	46 30 02 N 118 37 14 W	FI G 2.5s	18	4	SG on platform.	Higher intensity beam up and down channel.
13430	Lake Sacajawea Buoy 48	46 30 08 N 118 36 57 W				Red nun.	
13435	- Buoy 50	46 30 22 N 118 36 44 W				Red nun.	
13440	- Buoy 51	46 31 12 N 118 35 54 W				Green can.	
13445	WINDUST RANGE FRONT LIGHT	46 31 59 N 118 34 52 W	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.		Iso W 6s	30		KRB on skeleton tower.	Visible 4° each side of rangeline.
13465	- LIGHT 55	46 32 06 N 118 34 00 W	FI G 4s	20	4	SG on dolphin.	
13470	- LIGHT 56	46 32 00 N 118 34 00 W	FI R 4s	13	4	TR on platform.	Higher intensity beam up channel.
13475	- Buoy 58	46 32 14 N 118 33 42 W				Red nun.	
13480	- LIGHT 59	46 33 12 N 118 33 12 W	FI G 2.5s	13	3	SG on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SNAKE RIVER - Thirteenth District							
Lower Monumental Dam							
<i>Buoys mark restricted area.</i>							
13485	- Buoy A	46 33 49 N 118 31 59 W				White can with orange bands and orange diamond with orange center cross worded DAM.	
13490	- Buoy B	46 33 56 N 118 31 58 W				White can with orange bands and orange diamond with orange center cross worded DAM.	
13495	- Buoy C	46 34 01 N 118 32 03 W				White can with orange bands and orange diamond with orange center cross worded DAM.	
13500	- Buoy D	46 33 58 N 118 32 10 W				White can with orange bands and orange diamond with orange center cross worded DAM.	
13505	Lower Monumental Lighted Buoy 3	46 33 52 N 118 31 54 W	FI G 4s		4	Green.	
13507	Lower Monumental Research Float		FI Y 6s			Yellow pontoon float.	Private aid.
LAKE HERBERT G. WEST (Chart 18546)							
Lower Monumental							
13510	- LIGHT 4	46 34 12 N 118 30 39 W	FI R 4s	10	3	TR on platform.	
13515	- LIGHT 5	46 34 45 N 118 29 43 W	FI G 2.5s	15	3	SG on pile.	Ra ref.
13520	- LIGHT 6	46 34 40 N 118 29 06 W	FI R 6s	45	4	TR on skeleton tower.	
13525	- LIGHT 7	46 35 09 N 118 29 09 W	FI G 4s	63	4	SG on skeleton tower.	
13530	- LIGHT 9	46 35 51 N 118 28 40 W	FI G 6s	16	4	SG on platform.	
13535	- LIGHT 10	46 35 45 N 118 27 59 W	FI R 2.5s	16	4	TR on skeleton tower.	
13540	- LIGHT 11	46 36 03 N 118 27 49 W	FI G 2.5s	16	4	SG on platform.	Higher intensity beam up channel.
13545	- LIGHT 13	46 35 08 N 118 25 04 W	FI G 4s	20	4	SG on skeleton tower.	
13550	- LIGHT 14	46 34 47 N 118 24 55 W	FI R 4s	17	4	TR on platform.	
13555	- LIGHT 16	46 34 39 N 118 23 33 W	FI R 2.5s	12	4	TR on platform.	
13560	- LIGHT 17	46 35 02 N 118 23 31 W	FI G 2.5s	24	4	SG on skeleton tower.	
13565	- LIGHT 18	46 34 43 N 118 22 58 W	FI R 6s	15	4	TR on platform.	
13570	- LIGHT 19	46 35 46 N 118 22 11 W	FI G 6s	12	4	SG on platform.	
13575	- LIGHT 20	46 36 07 N 118 20 58 W	FI R 4s	10	4	TR on skeleton tower.	
13580	- LIGHT 21	46 36 31 N 118 18 39 W	FI G 2.5s	18	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							
13585	- LIGHT 22	46 35 56 N 118 17 54 W	FI R 6s	60	4	TR on platform.	
13590	- LIGHT 24	46 35 29 N 118 16 49 W	FI R 2.5s	10	4	TR on platform.	
13600	- LIGHT 27	46 36 10 N 118 14 54 W	FI G 2.5s	17	4	SG on platform.	
13605	- LIGHT 28	46 35 56 N 118 14 41 W	FI R 4s	24	4	TR on skeleton tower.	
13610	TURNER BAY ENTRANCE LIGHT 2 Marks marina entrance.	46 35 15 N 118 13 21 W	FI R 6s	7	4	TR on pedestal.	
13615	LOWER MONUMENTAL LIGHT "29"	46 34 58 N 118 12 13 W	FI G 4s	35	4	SG on platform.	
13625	- LIGHT 34	46 33 19 N 118 10 19 W	FI R 2.5s	26	3	TR on platform.	
13630	- LIGHT 35	46 33 35 N 118 08 11 W	FI G 6s	14	4	SG on platform.	
13635	- LIGHT 37	46 33 36 N 118 06 48 W	FI G 4s	80	4	SG on platform.	
13640	- LIGHT 38	46 33 26 N 118 06 34 W	FI R 4s	14	4	TR on platform.	
13645	- LIGHT 39	46 34 31 N 118 05 51 W	FI G 2.5s	20	4	SG on platform.	
13650	- LIGHT 40	46 34 25 N 118 05 24 W	FI R 6s	16	4	TR on platform.	
13655	McGUIRE RANGE FRONT LIGHT	46 34 25 N 118 04 37 W	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.		Iso R 6s	56		KRB on skeleton tower.	Visible 14° each side of rangeline.
13665	- LIGHT 41	46 34 33 N 118 04 11 W	FI G 4s	10	4	SG on skeleton tower.	
13670	- LIGHT 43	46 34 48 N 118 03 03 W	FI G 6s	20	4	SG on platform.	
LAKE BRYAN (Chart 18547)							
13675	<i>Little Goose Reservoir Lighted Buoy 1</i>	46 35 08 N 118 01 05 W	FI G 4s		4	Green.	
Little Goose Dam							
13680	- Buoy A Marks restricted area.	46 35 01 N 118 01 23 W				White can with orange bands and diamond with orange center cross worded DAM.	
13681	- Buoy E Marks restricted area.	46 35 17 N 118 01 06 W				White can with orange bands and diamond with center cross worded DAM.	
13682	- Buoy F Marks restricted area.	46 35 21 N 118 01 07 W				White can with orange bands and diamond with center cross worded DAM.	
13683	- Buoy G Marks restricted area.	46 35 22 N 118 01 14 W				White can with orange bands and diamond with 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							
13684	- Buoy H Marks restricted area.	46 35 21 N 118 01 21 W				White can with orange bands and diamond with center cross worded DAM.	
13685	- Buoy B Marks restricted area.	46 35 03 N 118 01 18 W				White can with orange bands and diamond with orange center cross worded DAM.	
13686	- Buoy I Marks restricted area.	46 35 21 N 118 01 27 W				White can with orange bands and diamond with center cross worded DAM.	
13687	- Buoy J Marks restricted area.	46 35 21 N 118 01 34 W				White can with orange bands and diamond with center cross worded DAM.	
13690	- Buoy C Marks restricted area.	46 35 06 N 118 01 10 W				White can with orange bands and diamond with orange center cross worded DAM.	
13695	- Buoy D Marks restricted area.	46 35 13 N 118 01 05 W				White can with orange bands and diamond with orange center cross worded DAM.	
Little Goose Reservoir							
13697	Little Goose Research Float	46 35 14 N 118 01 07 W	FI Y 6s			Yellow pontoon float.	Private aid.
13700	- LIGHT 2	46 35 09 N 118 00 25 W	FI R 4s	21	3	TR on pile.	
13705	- LIGHT 3	46 35 25 N 117 59 29 W	FI G 6s	34	4	SG on skeleton tower.	
13710	- LIGHT 4	46 35 11 N 117 56 05 W	FI R 6s	33	4	TR on platform.	
13715	- LIGHT 5	46 35 20 N 117 54 53 W	FI G 2.5s	15	3	SG on pile.	
13720	- LIGHT 6	46 35 13 N 117 53 00 W	FI R 2.5s	18	4	TR on platform.	
13725	- LIGHT 7	46 35 34 N 117 53 24 W	FI G 4s	10	4	SG on platform.	
13730	- LIGHT 8	46 36 25 N 117 52 32 W	FI R 4s	15	4	TR on skeleton tower.	
13735	- LIGHT 9	46 37 17 N 117 52 16 W	FI G 2.5s	12	4	SG on platform.	
13740	- LIGHT 10	46 37 22 N 117 51 00 W	FI R 6s	27	4	TR on skeleton tower.	
13745	- LIGHT 11	46 37 42 N 117 51 03 W	FI G 4s	8	4	SG on platform.	
13750	- LIGHT 12	46 37 18 N 117 49 04 W	FI R 2.5s	58	4	TR on platform.	
13755	- Buoy 13	46 37 32 N 117 48 56 W				Green can.	
13760	- LIGHT 14	46 38 57 N 117 46 01 W	FI R 4s	13	4	TR on platform.	
13765	- LIGHT 15	46 39 00 N 117 46 20 W	FI G 4s	16	4	SG on dolphin.	
13770	- LIGHT 16	46 40 21 N 117 46 33 W	FI R 6s	25	4	TR on multipile.	
13775	- LIGHT 17	46 41 27 N 117 45 07 W	FI G 6s	13	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							
13785	- LIGHT 19	46 42 02 N 117 42 44 W	FI G 2.5s	14	4	SG on dolphin.	
13795	- LIGHT 21	46 42 17 N 117 40 22 W	FI G 4s	14	4	SG on platform.	
13800	- LIGHT 22	46 42 02 N 117 39 35 W	FI R 2.5s	20	4	TR on pile.	
13805	- LIGHT 23	46 42 11 N 117 39 18 W	FI G 6s	15	4	SG on platform.	
13810	- LIGHT 24	46 41 49 N 117 38 55 W	FI R 4s	27	3	TR on single pile.	
13815	- LIGHT 25	46 40 48 N 117 37 26 W	FI G 4s	20	4	SG on pile.	
13820	- LIGHT 26		FI R 2.5s	27	3	TR on skeleton tower.	
13825	- LIGHT 27	46 40 32 N 117 35 31 W	FI G 6s	20	4	SG on skeleton tower.	
13830	- LIGHT 28		FI R 4s	10	3	TR on skeleton tower.	
13833	- Buoy 28A	46 40 46 N 117 33 04 W				Red nun.	
13835	- LIGHT 29	46 40 50 N 117 32 18 W	FI G 4s	21	4	SG on pile.	
13840	- LIGHT 30	46 40 33 N 117 31 28 W	FI R 2.5s	18	3	TR on caisson.	
13841	Schultz Bar Shoal Buoy 29A	46 40 45 N 117 31 05 W				Green can.	Position shifted to best mark encroaching shoal.
13845	SCHULTZ BAR RANGE FRONT LIGHT	46 41 34 N 117 29 29 W	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.		Iso R 6s	40		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
13855	- Buoy 31	46 40 49 N 117 30 58 W				Green can.	
13860	- Buoy 32	46 40 58 N 117 30 35 W				Red nun.	
13865	- Buoy 33	46 41 06 N 117 30 28 W				Green can.	
13870	- Buoy 35	46 41 12 N 117 30 13 W				Green can.	
13875	- LIGHT 37	46 41 43 N 117 29 38 W	FI G 6s	15	4	SG on skeleton tower.	
13880	- LIGHT 39	46 42 05 N 117 28 45 W	FI G 2.5s	18	3	SG on platform.	
13885	- Buoy 41	46 42 04 N 117 28 08 W				Green can.	
13890	- Buoy 42	46 41 58 N 117 28 03 W				Red nun.	
13895	- LIGHT 43	46 41 59 N 117 27 44 W	FI G 4s	15	4	SG on platform.	
13900	- Buoy 44	46 41 51 N 117 27 44 W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SNAKE RIVER - Thirteenth District							
13905	- Buoy 46	46 41 23 N 117 27 19 W				Red nun.	
13910	BOYER RANGE FRONT LIGHT		Q W	20		KRW on pile structure.	Visible all around; higher intensity on rangeline.
13915	BOYER RANGE REAR LIGHT 64 yards, 346.5° from front light.	46 41 40 N 117 27 16 W	Iso W 6s	28		KRW on skeleton tower.	Visible 4° each side of rangeline.
13917	- Buoy 48	46 39 52 N 117 26 17 W				Red nun.	
LOWER GRANITE LAKE (Chart 18548)							
Lower Granite Reservoir							
Lower Granite Dam							
<i>Buoys mark restricted area.</i>							
13920	- Buoy A	46 39 29 N 117 25 29 W				White can with orange bands and orange diamond with orange center cross worded DAM.	
13925	- Buoy B	46 39 26 N 117 25 25 W				White can with orange bands and orange diamond with orange center cross worded DAM.	
13930	- Buoy C	46 39 21 N 117 25 18 W				White can with orange bands and orange diamond with orange center cross worded DAM.	
13935	- Buoy D	46 39 19 N 117 25 20 W				White can with orange bands and orange diamond with orange center cross worded DAM.	
Alligator Reef							
Lower Granite Reservoir							
13940	- LIGHT 4	46 38 58 N 117 23 49 W	FI R 4s	33	3	TR on skeleton tower.	
13945	- LIGHT 5		FI G 2.5s	19	3	SG on skeleton tower.	
13950	- LIGHT 6	46 37 08 N 117 23 21 W	FI R 6s	45	4	TR on platform.	
13955	- LIGHT 8	46 36 04 N 117 21 41 W	FI R 4s	43	3	TR on platform.	
13960	- LIGHT 10	46 34 43 N 117 20 10 W	FI R 2.5s	23	3	TR on platform.	
13965	- LIGHT 11		FI G 4s	13	4	SG on platform.	
13970	- LIGHT 12		FI R 4s	21	4	TR on skeleton tower.	
13975	- LIGHT 14	46 30 10 N 117 14 06 W	FI R 6s	10	4	TR on skeleton tower.	
13980	- LIGHT 16		FI R 4s	16	3	TR on skeleton tower.	
13981	- Buoy 16A	48 27 29 N 117 13 17 W				Red nun.	
13982	- Buoy 16B	48 27 11 N 117 12 47 W				Red nun.	
13995	- LIGHT 17	46 27 02 N 117 12 22 W	FI G 4s	13	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							
14005	- LIGHT 18	46 25 28 N 117 12 52 W	F I R 4s	16	4	TR on skeleton tower.	
14010	- LIGHT 19	46 25 28 N 117 12 23 W	F I G 2.5s	16	3	SG on skeleton tower.	
14015	- LIGHT 20	46 25 06 N 117 11 43 W	F I R 2.5s	36	3	TR on platform.	
14017	Lower Granite Reservoir Chief Timothy Water Intake Light	46 25 38 N 117 09 11 W	Q Y			On piling.	Private aid.
14020	- LIGHT 24	46 25 40 N 117 08 45 W	F I R 4s	15	3	TR on platform.	
14025	- LIGHT 25	46 25 54 N 117 08 49 W	F I G 4s	13	4	SG on platform.	
14030	- LIGHT 26		F I R 2.5s	16	3	TR on platform.	
14035	- LIGHT 28		F I R 4s	15	3	TR on platform.	
14050	- Daybeacon 35					SG on skeleton tower.	

Section 11

Columbia River above Snake River, Port of Portland, and Willamette River

(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							
<i>Aids maintained from Jun. 15 to Oct. 1.</i>							
14125	- LIGHT A	47 56 49 N 118 56 08 W	FI W 4s	12	5	NR on box.	
14130	- Buoy 2	47 57 00 N 118 52 00 W				Red nun.	
14135	- LIGHT B		FI W 6s	14	5	NR on box.	
14140	- LIGHT C		FI W 2.5s	16	5	NR on box.	
14145	- Buoy 3					Green can.	
14150	- LIGHT D		FI W 4s	20	5	NR on box.	
14155	- Buoy 5					Green can.	
14160	- Buoy 6	47 55 48 N 118 41 12 W				Red nun.	
14165	- Buoy 8	47 55 48 N 118 41 58 W				Red nun.	
14170	- LIGHT E		FI W 6s	16	6	NR on box.	
14175	- LIGHT F		FI W 2.5s	18	5	NR on box.	
14180	- LIGHT G		FI W 4s	18	5	NR on box.	
14185	- Buoy 10					Red nun.	
14190	- LIGHT H		FI W 6s	16	5	NR on box.	
14195	- LIGHT I		FI W 2.5s	16	5	NR on box.	
14200	- LIGHT J		FI W 4s	12	6	NR on box.	
14205	- LIGHT K		FI W 6s	23	5	NR on box.	
Spokane River Arm							
<i>Aids maintained from Jun. 15 to Oct. 1.</i>							
14210	- JUNCTION LIGHT S		FI (2+1) R 6s	23	4	JR on box.	
14215	- LIGHT A	47 56 18 N 118 15 21 W	FI W 4s	44	5	NR on skeleton tower.	
14220	- LIGHT B	47 56 48 N 118 12 46 W	FI W 6s	16	5	NR on skeleton tower.	
14225	- LIGHT C	47 53 24 N 118 04 12 W	FI W 2.5s	15	6	NR on pile.	
14230	- Buoy 1					Green can.	
14235	- Buoy 3					Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
14240	- LIGHT D	47 47 46 N 118 04 09 W	FI W 4s		5	NR on platform 16.	
14245	- Buoy 4					White.	
14247	Danger Shoal Buoy A	47 47 53 N 118 02 55 W				White with orange bands and orange diamond worded "DANGER SHOAL"	
14248	Danger Shoal Buoy B	47 47 43 N 118 02 55 W				White with orange bands and orange diamond worded "DANGER SHOAL"	
14250	- LIGHT 5		FI W 6s	15	5	SG on skeleton tower.	
14255	- Buoy 6					Red nun.	
Franklin D. Roosevelt Lake							
<i>Aids maintained from Jun. 15 to Oct. 1.</i>							
14260	- Buoy 12					Red nun.	
14265	- LIGHT L		FI W 2.5s	8	6	NR on box.	
14270	- Buoy 13					Green can.	
14275	- LIGHT M		FI W 4s	12	6	NR on box.	
14280	- LIGHT N		FI W 6s	16	5	NR on box.	
14285	- LIGHT O	48 02 48 N 118 22 18 W	FI W 2.5s	18	6	NR on box.	
14290	- LIGHT P		FI W 4s	14	6	NR on box.	
14295	- LIGHT Q		FI W 6s	16	5	NR on box.	
14300	- LIGHT R		FI W 2.5s	12	6	NR on box.	
FRANKLIN D. ROOSEVELT LAKE (Northern Part) (Chart 18553)							
Franklin D. Roosevelt Lake							
<i>Aids maintained from Jun. 15 to Oct. 1.</i>							
14305	- LIGHT T		FI W 4s	10	6	NR on box.	
14310	- LIGHT U		FI W 6s	12	5	NR on box.	
14315	- LIGHT V		FI W 2.5s	15	6	NR on box.	
14320	- LIGHT W		FI W 4s	8	6	NR on crib.	
14330	- LIGHT X		FI W 6s	16	5	NR on box.	
14335	- LIGHT Y	48 26 48 N 118 12 46 W	FI W 2.5s	15	5	NR on house.	
14345	- LIGHT AA		FI W 4s	10	5	NB on box.	
14350	- LIGHT BB		FI W 6s	10	5	NR on box.	
14355	- Buoy 15					Green can.	
14360	- LIGHT CC		FI W 2.5s	30	6	NR on box.	
14365	- Buoy 16					Red nun.	
14370	- Buoy 18					Red nun.	
14375	- Buoy 19	48 40 54 N 118 01 46 W				Green can.	Maintained from May 15 to Nov. 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
14380	- Buoy 20					Red nun.	
14385	- Buoy 22					Red nun.	
14390	- Buoy 24					Red nun.	
China Bar							
<i>Aids maintained from June 1 to Nov. 1.</i>							
14395	- LIGHT 1	48 49 15 N 117 56 06 W	FI G 10s	6		On box.	Private aid.
14400	- LIGHT 3	48 49 31 N 117 55 47 W	FI G 10s	6		On box.	Private aid.
14405	- <i>Lighted Buoy 5</i>	48 49 52 N 117 55 47 W	FI G 10s			On raft.	Private aid.
14410	- <i>Lighted Buoy 7</i>	48 50 18 N 117 55 30 W	FI 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 N 124 01 49 W	FI G 4s	15	4	SG on pile.	Ra ref.
14420	- ENTRANCE JETTY LIGHT 2	46 16 11 N 124 01 46 W	FI R 2.5s	15	3	TR on pile.	
14425	- Baker Bay West Channel Buoy 3	46 16 12 N 124 01 51 W				Green can.	Position shifted with changing conditions.
14430	- Daybeacon 6	46 16 19 N 124 01 48 W				TR on pile.	Ra ref.
14432	- Buoy 6A	46 16 26 N 124 01 51 W				Red nun.	Ra ref.
14435	- Daybeacon 7	46 16 23 N 124 01 55 W				SG on dolphin.	
14440	- LIGHT 8	46 16 32 N 124 01 55 W	FI R 4s	17	4	TR on pile structure.	
14445	- Daybeacon 9	46 16 38 N 124 02 07 W				SG on pile.	
14450	- LIGHT 10	46 16 47 N 124 02 13 W	FI R 4s	15	3	TR on dolphin.	Ra ref.
14455	- LIGHT 11	46 16 48 N 124 02 26 W	FI G 4s	20	4	SG on multi-pile structure.	Ra ref.
14460	- BAKER BAY WEST CHANNEL LIGHT 12	46 16 56 N 124 02 47 W	Q R	15	4	TR on dolphin.	
14465	- Daybeacon 14	46 17 00 N 124 02 52 W				TR on pile.	Ra ref.
14470	- LIGHT 15	46 17 07 N 124 03 03 W	FI G 2.5s	7	3	SG on post.	Ra ref.
14475	- Daybeacon 16	46 17 12 N 124 03 01 W				TR on pile.	Ra ref.
14480	- LIGHT 17	46 17 21 N 124 03 02 W	FI G 4s	15	4	SG on dolphin.	Ra ref.
14485	- Daybeacon 18	46 17 24 N 124 02 54 W				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							
14490	- LIGHT 20	46 17 37 N 124 02 42 W	FI R 4s	17	4	TR on pile structure.	Ra ref.
14495	- Daybeacon 21	46 17 43 N 124 02 39 W				SG on pile.	
14500	- LIGHT 22	46 17 49 N 124 02 25 W	FI R 2.5s	15	4	TR on dolphin.	Ra ref.
14505	- Daybeacon 23	46 17 54 N 124 02 28 W				SG on pile.	Ra ref.
14510	ILWACO MOORING BASIN LIGHT 2	46 18 00 N 124 02 25 W	FI R 4s	15	3	TR on pile structure.	Ra ref.
14515	ILWACO MOORING BASIN LIGHT 3	46 18 05 N 124 02 30 W	FI G 4s		4	SG on pile.	
Chinook Channel							
14520	- LIGHT 1	46 15 32 N 123 58 10 W	FI G 2.5s	14	3	SG on dolphin.	Ra ref.
14525	- LIGHT 2	46 15 47 N 123 57 39 W	FI R 4s	15	6	TR on platform.	Higher intensity inbound. Ra ref.
14527	- Buoy 3	46 15 49 N 123 57 41 W				Green can.	
14528	- Buoy 4	46 16 02 N 123 57 18 W				Red nun.	
14530	- LIGHT 5	46 16 03 N 123 57 22 W	FI G 4s	15	4	SG on pile structure.	Ra ref.
14535	- LIGHT 8	46 16 20 N 123 57 11 W	Q R	15	4	TR on dolphin.	Ra ref.
Hammond Boat Basin							
14540	- West Breakwater Daybeacon 2	46 12 17 N 123 56 59 W				TR on pipe.	
14545	- EAST BREAKWATER LIGHT 1	46 12 17 N 123 56 53 W	FI G 4s	22	3	SG on pipe.	
Skipanon Waterway							
14550	- WEST LIGHT 4	46 11 04 N 123 54 29 W	FI R 4s	15	5	TR on dolphin.	
14555	- EAST LIGHT 3	46 11 03 N 123 54 21 W	FI G 4s	14	5	SG on dolphin.	Ra ref.
14560	- RANGE FRONT LIGHT	46 09 59 N 123 54 53 W	F R	26		KRB on skeleton tower.	Visible all around; higher intensity on rangeline. Lighted throughout 24 hours.
14565	- RANGE REAR LIGHT 248.5 yards, 198° from front light.		F R	39		KRB on skeleton tower.	Visible all around; higher intensity on rangeline. Lighted throughout 24 hours.
Youngs Bay							
14570	- ENTRANCE LIGHT 2	46 10 52 N 123 52 47 W	FI R 6s	16	5	TR on dolphin.	
14575	- Channel Buoy 4	46 10 16 N 123 51 50 W				Red nun.	
14580	- CHANNEL LIGHT 6	46 10 03 N 123 51 28 W	FI R 2.5s	16	5	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							
Lewis and Clark River							
14585	- Daybeacon 2	46 10 04 N 123 51 46 W				TR on pile.	
14590	- Daybeacon 4	46 09 55 N 123 51 33 W				TR on pile.	
14595	- Buoy 5	46 09 49 N 123 51 24 W				Green can.	
14605	- Buoy 7	46 09 39 N 123 51 19 W				Green can.	
North Channel							
14610	SAND ISLAND LOWER DIKE LIGHT 1	46 15 38 N 124 00 29 W	FI G 4s	16	5	SG on pile structure.	
14620	SAND ISLAND UPPER DIKE LIGHT 5	46 15 22 N 123 58 56 W	FI G 4s	15	4	SG on pile structure.	
14625	CHINOOK DIKE LIGHT 7	46 14 59 N 123 57 12 W	FI G 6s	16	4	SG on pile structure.	
14635	- Daybeacon 10	46 15 46 N 123 47 14 W				TR on dolphin.	
14640	- Daybeacon 12	46 16 03 N 123 46 28 W				TR on pile structure.	Ra ref.
14645	GRAYS POINT LIGHT 13	46 16 23 N 123 46 00 W	FI G 6s	15	4	SG on pile.	
14650	Portuguese Point Daybeacon 14A	46 16 35 N 123 45 05 W				TR on dolphin.	
14672	<i>North Channel Lighted Buoy 4</i>	46 16 11 N 123 41 17 W	FI R 2.5s		2	Red.	Private aid.
14674	<i>North Channel Lighted Buoy 6</i>	46 16 11 N 123 41 53 W	FI R 4s		2	Red.	Private aid.
14676	<i>North Channel Lighted Buoy 7</i>	46 16 13 N 123 42 16 W	FI G 2.5s		2	Green.	Private aid.
14678	<i>North Channel Lighted Buoy 8</i>	46 16 46 N 123 42 28 W	FI R 4s		2	Red.	Private aid.
14680	<i>North Channel Lighted Buoy 10</i>	46 17 02 N 123 43 10 W	FI R 2.5s		2	Red.	Private aid.
Grays Bay							
Deep River Channel							
14690	ROCKY POINT LIGHT 7	46 17 17 N 123 43 40 W	FI G 4s	15	4	SG on pile.	
14695	- Daybeacon 8	46 17 49 N 123 43 15 W				TR on dolphin.	
14700	- Daybeacon 10	46 17 59 N 123 42 49 W				TR on dolphin.	
14705	- Daybeacon 12	46 18 07 N 123 42 38 W				TR on dolphin.	
14710	- Daybeacon 14	46 18 21 N 123 42 33 W				TR on dolphin.	Ra ref.
14715	- Daybeacon 16	46 18 35 N 123 42 36 W				TR on dolphin.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLUMBIA RIVER - Thirteenth District							
Cathlamet Bay South Channel							
14720	- LIGHT 2	46 12 46 N 123 45 23 W	Q R	18	6	TR on pile.	
14725	- LIGHT 3 On end of rock groin.	46 12 21 N 123 45 07 W	FI G 2.5s	15	4	SG on skeleton tower.	
14729	- LIGHT 6	46 11 50 N 123 45 06 W	FI R 6s	12	4	TR on multi-pile structure.	
14740	- Daybeacon 10	46 10 27 N 123 43 25 W				TR on pile structure.	Ra ref.
Cathlamet Bay North Channel							
14745	- LIGHT 3	46 12 36 N 123 42 54 W	FI G 6s	15	4	SG on pile structure.	Ra ref.
14750	- Buoy 4	46 12 17 N 123 42 20 W				Red nun.	
14760	GRASSY ISLAND LIGHT 8	46 11 35 N 123 41 28 W	FI R 4s	17	4	TR on pile.	
HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)							
Cathlamet Bay Prairie Channel							
14765	- CATHLAMET BAY PRAIRIE CHANNEL LIGHT 10	46 10 48 N 123 40 29 W	FI R 2.5s	16	3	TR on dolphin.	
14770	- Daybeacon 12	46 10 43 N 123 40 13 W				TR on pile.	
14775	SVENSEN ISLAND LIGHT 12A	46 10 52 N 123 38 40 W	FI R 2.5s	15	4	TR on dolphin.	Higher intensity beam up and down channel.
14780	- Daybeacon 14	46 11 13 N 123 38 04 W				TR on pile structure.	Ra ref.
14785	RUSSIAN ISLAND LIGHT 15	46 11 55 N 123 38 10 W	FI G 4s	15	4	SG on dolphin.	
14790	- Daybeacon 17	46 12 46 N 123 37 54 W				SG on pile structure.	Ra ref.
14800	MARSH ISLAND LIGHT 21	46 12 51 N 123 37 12 W	FI G 2.5s	15	4	SG on dolphin.	
14805	- CATHLAMET BAY PRAIRIE CHANNEL LIGHT 23	46 14 11 N 123 32 52 W	FI G 2.5s	15	3	SG on pile structure.	
CRIMS ISLAND TO VANCOUVER (Chart 18524)							
Multnomah Channel							
14825	- Daybeacon 2	45 52 26 N 122 47 56 W				TR on pile.	
14830	- Daybeacon 3					SG on pile.	
14835	SAUVIE ISLAND JUNCTION LIGHT	45 51 39 N 122 47 27 W	FI (2+1) R 6s	35	3	JR on pile structure.	
14841	Multnomah Channel Pollution Response Buoy	45 37 13 N 122 48 10 W				Yellow.	

(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							
14850 11225	KELLEY POINT JUNCTION LIGHT	45 39 11 N 122 45 46 W	FI (2+1) R 6s	39	5	JR on dolphin.	Ra ref.
14855	- LIGHT 2	45 39 12 N 122 46 05 W	Q R	37	4	TR on dolphin.	
14860	- LIGHT 3	45 38 44 N 122 46 07 W	FI G 4s	15	5	SG on dolphin.	Higher intensity beam up channel.
14865	- LIGHT 4	45 38 51 N 122 46 19 W	FI R 4s	26	4	TR on dolphin.	
14870	- LIGHT 6	45 38 36 N 122 46 37 W	FI R 6s	36	4	TR on dolphin.	Higher intensity beam up channel.
14875	TERMINAL 5 BULK OUTLOADER DOCK LIGHTS (2)	45 38 22 N 122 46 38 W	FI Y 10s	9		On concrete pier.	Private aids.
14880	- LIGHT 10	45 38 18 N 122 47 14 W	FI R 2.5s	36	4	TR on dolphin.	Higher intensity beam up channel.
14890	OREGON STEEL DOCK LIGHTS (2)	45 37 44 N 122 47 13 W	FI Y 6s	23		On dolphin.	Private aids.
14895	POST OFFICE RANGE FRONT LIGHT	45 37 47 N 122 47 38 W	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.		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 N 122 47 16 W	F G	35		On pile structure.	Private aids.
14906	ASH GROVE LIME DOCK LIGHT 2	45 37 21 N 122 47 16 W	F G	35		On pile structure.	Private aid.
14910	MULTNOMAH CHANNEL JUNCTION LIGHT	45 37 09 N 122 47 41 W	FI (2+1) R 6s	32	4	JR on dolphin.	Higher intensity beam up and down channel.
14918	- <i>Lighted Buoy 12</i>	45 37 18 N 122 47 36 W	FI R 4s		4	Red.	
14923	Terminal 4 Daybeacon 13	45 35 59 N 122 46 34 W		30		SG on dolphin.	Private aid.
14927	Burlington Northern Railroad Bridge Approach Buoy 14	45 34 37 N 122 44 57 W				Red nun.	
14928	Burlington Northern Railroad Bridge Approach Buoy 16	45 34 32 N 122 44 48 W				Red nun.	
14935	CHEVRON TEXACO PETROLEUM DOCK LIGHT A	45 34 03 N 122 44 13 W	F Y	38		On pier.	Private aid.
14940	CHEVRON TEXACO PETROLEUM DOCK LIGHT B	45 34 03 N 122 44 14 W	F Y	38		On pier.	Private aid.
14945	SWAN ISLAND PIER C LIGHT	45 34 06 N 122 43 30 W	Q R	17		On pile.	Private aid.
14950	SWAN ISLAND PIER A LIGHT	45 34 06 N 122 43 24 W	Q R	17		On pile.	Light obscured from 190° to 010°. Private aid.
14955	SHAVER MOORING LIGHT	45 33 36 N 122 43 42 W	FI R 4s	12		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							
14956	- RIVER PLACE MARINA BREAKWATER LIGHT C	45 30 40 N 122 40 17 W	FY	2		On breakwater.	Private aid.
14957	- RIVER PLACE MARINA BREAKWATER LIGHT G	45 30 36 N 122 40 17 W	FY	2		On breakwater.	Private aid.
14958	- RIVER PLACE MARINA BREAKWATER LIGHT H	45 30 35 N 122 40 15 W	FY	2		On breakwater.	Private aid.
14959	- RIVER PLACE MARINA BREAKWATER LIGHT I	45 30 34 N 122 40 16 W	FY	2		On breakwater.	Private aid.
Johns Landing Pier							
14960	- LIGHT 2	45 29 06 N 122 40 18 W	Q R	10		On pier.	Private aid.
14965	- LIGHT 1	45 29 06 N 122 40 18 W	Q G	10		On pier.	Private aid.
14970	- LIGHT 4	45 29 06 N 122 40 18 W	Q R	10		On pier.	Private aid.
14975	- LIGHT 3	45 29 06 N 122 40 18 W	Q G	10		On pier.	Private aid.
14978	<i>Toe Island Lighted Buoy 1</i>	45 28 57 N 122 40 09 W	FI G 4s		4	Green.	
Willamette River							
14980	Stevens Point Buoy "2"	45 28 38 N 122 40 05 W	FI R 2.5s		3	Red.	
14985	Stevens Point Buoy 4	45 28 24 N 122 39 59 W				Red nun.	
14990	Stevens Point Buoy 5	45 28 08 N 122 39 57 W				Green can.	
WILLAMETTE RIVER (Portland to Newberg) (Chart 18528)							
Elk Rock							
15000	- Buoy 6	45 26 33 N 122 38 49 W				Red nun.	
15003	- Bouy 8	45 26 26 N 122 38 46 W				Red nun.	
15005	- Buoy 10 Marks edge of rock ledge.	45 26 20 N 122 38 51 W				Red nun.	
15010	- Buoy 12	45 26 18 N 122 38 56 W				Red nun.	
15025	- ISLAND LIGHT 13	45 26 13 N 122 38 58 W	FI G 4s	35	4	SG on skeleton tower.	
WILLAMETTE RIVER (Portland to Newberg) (Chart 18528)							
15030	OSWEGO NORTH PIER LIGHT	45 25 15 N 122 39 21 W	FI Y 4s	10		Dolphin.	Private aid.
15035	OSWEGO SOUTH PIER LIGHT	45 25 07 N 122 39 20 W	FI Y 4s	10		Dolphin.	Private aid.
15040	Oswego Rock Daybeacon	45 24 42 N 122 39 31 W				NW on pile structure worded DANGER ROCKS.	
15045	Thesing Range Front Daybeacon	45 25 31 N 122 39 19 W				KRB on bridge foundation.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
OREGON - Thirteenth District							
15050	Thesing Range Rear Daybeacon 267 yards, 224.5° from front daybeacon.					KRB on dolphin.	
15055	WILLAMETTE RIVER LIGHT 14	45 24 08 N 122 38 39 W	FI R 4s	18	4	TR on skeleton tower.	
15060	BINGHAM LANDING LIGHT 16	45 23 50 N 122 38 17 W	FI 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 34 N 122 37 33 W	FI G 6s	21	5	SG on white house.	Higher intensity beam down channel.
15070	JENNINGS LODGE LIGHT 19	45 23 13 N 122 37 18 W	FI G 4s	30	4	SG on white skeleton tower.	Higher intensity beam down channel.
15075	CLACKMAS RAPIDS LIGHT 20	45 22 36 N 122 37 18 W	FI R 4s	18	4	TR on white skeleton tower.	
Meldrum Bar							
15077.1	- Daybeacon 1	45 22 47 N 122 37 07 W				SG on piling.	Private aid.
15077.2	- Daybeacon 2	45 22 46 N 122 37 08 W				TR on piling.	Private aid.
15077.3	- Daybeacon 3	45 22 46 N 122 37 05 W				SG on piling.	Private aid.
15077.4	- Daybeacon 4	45 22 42 N 122 37 04 W				TR on piling.	Private aid.
Rock Island Channel							
15080	- Buoy 1	45 20 03 N 122 39 08 W				Green can.	Maintained from May 15 to Nov. 15.
15085	- Buoy 2	45 19 57 N 122 39 17 W				Red nun.	Maintained from May 15 to Nov. 15.
15090	- Buoy 3	45 19 50 N 122 39 23 W				Green can.	Maintained from May 15 to Nov. 15.
15100	- Buoy 7	45 19 27 N 122 39 44 W				Green can.	Maintained from May 15 to Nov. 15.
15110	- Buoy 9	45 19 23 N 122 39 45 W				Green can.	Maintained from May 15 to Nov. 15.
15112	- Buoy 10	45 19 23 N 122 39 48 W				Red nun.	Maintained from May 15 to Nov. 15.
15115	- Buoy 12	45 19 16 N 122 39 52 W				Red nun.	Maintained from May 15 to Nov. 15.
15120	- Buoy 13	45 18 41 N 122 39 50 W				Green can.	Maintained from May 15 to Nov. 15.
15125	- Buoy 14	45 18 42 N 122 39 53 W				Red nun.	Maintained from May 15 to Nov. 15.
15130	- Buoy 15	45 18 37 N 122 39 52 W				Green can.	Maintained from May 15 to Nov. 15.
15135	New Era Bar Range Front Daybeacon	45 17 18 N 122 39 33 W				KRW on tower.	
15140	New Era Bar Range Rear Daybeacon 65 yards, 174° from front daybeacon.					KRW on tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
OREGON - Thirteenth District							
Rocky Reef							
15145	- Range Front Daybeacon	45 17 39 N 122 41 02 W				KRB on tower.	
15150	- Range Rear Daybeacon 75 yards, 309° from front daybeacon.					KRB on tower.	

Section 12

Washington

Willapa Bay to Seattle

(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 Bay							
15170 715	- Approach Lighted Whistle Buoy W	46 44 00 N 124 11 00 W	Mo (A) W		6	Red and white stripes.	No topmark will be shown on this aid as required by I ALA standards due to weather.
15175	- Entrance Buoy A					Yellow can.	Position frequently shifted with changing conditions.
15180	- Entrance Buoy B					Yellow can.	Position frequently shifted with changing conditions.
15186	- Entrance Buoy C					Yellow can.	Position frequently shifted with changing positions.
15187	- Entrance Buoy D					Yellow can.	Position frequently shifted with changing conditions.
15205	- Entrance Daybeacon 11	46 43 07 N 124 02 15 W				SG on pile structure.	Ra ref.
15210	- ENTRANCE LIGHT 13	46 42 10 N 124 01 15 W	FI G 2.5s	15	4	SG on pile structure.	Ra ref.
15215	- CHANNEL LIGHT 15	46 42 05 N 123 59 45 W	FI G 4s	15	4	SG on pile structure.	Ra ref.
15220	- CHANNEL LIGHT 16	46 41 42 N 123 58 40 W	FI R 4s	15	4	TR on pile structure.	Ra ref.
15225	Cedar River Flats Daybeacon 2	46 42 08 N 123 57 40 W		20		TR on pile structure.	
15230	TOKE POINT JETTY LIGHT 3	46 42 23 N 123 57 59 W	FI G 4s	13	5	SG on piles.	
15235	Toke Point Basin Daybeacon 4	46 42 29 N 123 57 58 W				TR on pile.	
Willapa River							
15240	- LIGHT 1	46 41 50 N 123 57 31 W	FI G 2.5s	15	4	SG on dolphin.	
15250	- Daybeacon 2	46 41 32 N 123 57 21 W		16		TR on dolphin.	
15260	- CHANNEL LIGHT 7	46 41 44 N 123 56 18 W	FI G 4s	15	4	SG on pile.	
15265	- LIGHT 8	46 41 28 N 123 55 44 W	FI R 4s	20	4	TR on pile.	
15270	- CHANNEL LIGHT 10	46 41 48 N 123 55 04 W	FI R 6s	15	4	TR on pile.	
15275	- LIGHT 13	46 42 01 N 123 54 33 W	FI G 4s	28	4	SG on dolphin.	
15280	- RANGE B FRONT LIGHT	46 42 34 N 123 51 18 W	Q W	18	6	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
WASHINGTON - Thirteenth District							
15285	- RANGE B REAR LIGHT 1,240 yards, 074.5° from front light.		Iso W 6s	56		KRB on pile structure.	Visible 4° each side of rangeline.
15290	- Daybeacon 15	46 42 05 N 123 53 59 W				SG on pile.	
15295	- CHANNEL LIGHT 19	46 42 11 N 123 53 17 W	FI G 6s	15	4	SG on dolphin.	Higher intensity beam up and down channel.
15305	- LIGHT 24	46 42 25 N 123 51 54 W	FI R 4s	15	4	TR on dolphin.	
15310	- Willapa River Daybeacon 26	46 42 23 N 123 51 35 W				TR on pile.	Ra ref.
15315	- Daybeacon 28	46 42 23 N 123 50 59 W				TR on pile.	
15320	- LIGHT 29	46 42 23 N 123 50 35 W	FI G 2.5s	15	4	SG on dolphin.	
15325	- Daybeacon 30	46 42 17 N 123 50 35 W				TR on pile.	
15330	- LIGHT 33	46 42 05 N 123 49 59 W	FI G 4s	22	4	SG on dolphin.	Higher intensity beam up and down channel.
15335	- LIGHT 35		FI G 6s	15	4	SG on dolphin.	
15340	- LIGHT 39	46 41 11 N 123 49 05 W	FI G 4s	18	4	SG on dolphin.	Higher intensity beam up and down channel.
15345	- CHANNEL LIGHT 40	46 41 11 N 123 49 11 W	FI R 4s		3	TR on pile.	
15350	- Willapa River Range C Front Daybeacon	46 41 23 N 123 49 11 W				KRB on pole.	
15355	- Range C Rear Daybeacon 215 yards, 350.8° from front daybeacon.					KRB on pole.	
15360	- Channel Daybeacon 44	46 40 11 N 123 48 53 W				TR on pile structure.	
15365	- CHANNEL LIGHT 51 80 feet outside channel limit.	46 39 53 N 123 47 59 W	FI G 4s	15	4	SG on dolphin.	
15375	- CHANNEL LIGHT 55	46 40 35 N 123 47 05 W	FI G 4s	16	4	SG on skeleton tower.	
15380	- CHANNEL LIGHT 56 70 feet outside channel limit.		Q R	15	2	TR on dolphin.	
15385	- CHANNEL LIGHT 59	46 40 47 N 123 45 59 W	FI G 2.5s	15	3	SG on pile structure.	
South Willapa Bay							
15400	- LIGHT 3	46 41 16 N 123 59 40 W	FI G 6s	15	4	SG on pile.	
15410	- LIGHT 7	46 36 35 N 123 58 29 W	FI G 4s	22	4	SG on pile structure.	Higher intensity beam up channel.
15415	- Daybeacon 8	46 35 23 N 123 58 35 W				TR on pile.	
Nahcotta Channel							
15420	- LIGHT 10	46 34 17 N 123 58 41 W	FI R 4s	22	5	TR on dolphin.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
15425	- Daybeacon 11	46 33 47 N 123 57 41 W				SG on pile.	
15430	- Daybeacon 12	46 32 41 N 123 59 11 W				TR on pile.	
15435	LONG ISLAND JUNCTION LIGHT	46 32 17 N 123 58 41 W	FI (2+1) G 6s	15	5	JG on dolphin.	Higher intensity beam up and down channel.
15440	- Daybeacon 13	46 30 41 N 124 00 17 W				SG on pile.	
15445	NAHCOTTA MOORING BASIN LIGHT 2	46 30 05 N 124 01 29 W	FI R 4s	15	4	TR on pile structure.	Higher intensity beam down channel.
15450	NAHCOTTA MOORING BASIN LIGHT 1	46 30 05 N 124 01 35 W	Q G	15	4	SG on pipe.	
Stanley Channel							
15475	- Daybeacon 2	46 31 11 N 123 58 35 W				TR on pile.	
15480	- LIGHT 4	46 29 00 N 123 57 54 W	FI R 4s	15	4	TR on white platform on dolphin.	Higher intensity beam up and down channel.
15485	STANLEY POINT JUNCTION LIGHT	46 27 41 N 123 56 17 W	FI (2+1) R 6s	15	4	JR on pile.	Higher intensity beam down channel. Ra ref.
15490	Nemah River Channel Entrance Daybeacon 1	46 34 35 N 123 56 53 W				SG on dolphin.	
Bay Center Channel							
15495	- LIGHT 1	46 38 38 N 123 59 25 W	FI G 2.5s	24	4	SG on dolphin.	
15497	Bay Center Channel Buoy "4"	46 38 17 N 123 59 07 W				Red nun.	Position frequently shifted with changing conditions.
15500	- LIGHT 6	46 38 24 N 123 58 20 W	FI R 4s	21	4	TR on pile.	Higher intensity beam upstream.
15505	Bay Center Channel Buoy "8"	46 38 34 N 123 57 42 W				Red nun.	Position frequently shifted with changing conditions.
15510	Bay Center Channel Buoy "10"	46 38 50 N 123 57 10 W				Red nun.	Position frequently shifted with changing conditions.
15515	- LIGHT 11	46 38 51 N 123 57 06 W	FI G 4s	18	4	SG on pile structure.	Higher intensity beam down channel.
15525	PALIX RIVER LIGHT 15	46 37 54 N 123 56 36 W	FI G 4s	18	4	SG on dolphin.	
15526	Palix River Buoy "16"	46 37 52 N 123 56 48 W				Red nun.	
GRAYS HARBOR - WESTPORT HARBOR (Chart 18502)							
Grays Harbor							
15530 720	- Light	46 53 18 N 124 07 01 W	Al W R 30s 0.1s W fl 14.9s ec. 0.1s R fl 14.9s ec.	123		White truncated octagonal pyramid tower. 107	Lighted throughout 24 hours.
15533 718	<i>Scripps Institute Wave Recorder Lighted Buoy</i>	46 51 25 N 124 14 40 W	FI (5) Y 20s			Yellow sphere shaped buoy.	Private aid.
15535 725	- Approach Lighted Whistle Buoy GH	46 51 55 N 124 14 26 W	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
15540	- BAR RANGE FRONT LIGHT	46 55 50 N 124 09 33 W	Q R	25		KRB on skeleton tower. 15	Visible 1.5° each side of rangeline. Lighted throughout 24 hours.
15545	- BAR RANGE REAR LIGHT 500 yards, 039.3° from front light.		Iso R 6s	65		KRB on skeleton tower. 46	Visible 1.5° each side of rangeline. Lighted throughout 24 hours.
15550	- Entrance Lighted Whistle Buoy 2	46 52 43 N 124 12 40 W	FI R 4s		3	Red.	
15555	Grays Harbor Entrance Lighted Whistle Buoy 3	46 54 59 N 124 14 48 W	FI G 4s		5	Green.	
15560	- Entrance Lighted Whistle Buoy 4	46 53 41 N 124 11 46 W	FI R 4s		4	Red.	
15565	- Entrance Lighted Gong Buoy 5	46 54 50 N 124 12 35 W	FI G 4s		4	Green.	
15570	- Grays Harbor Entrance Lighted Whistle Buoy 6	46 54 16 N 124 11 10 W	FI R 2.5s		3	Red.	
15571	Grays Harbor Entrance Lighted Whistle Buoy 8	46 54 29 N 124 10 57 W	Q R		4	Red.	
15575	- Entrance Lighted Bell Buoy 9	46 54 46 N 124 10 05 W	FI G 4s		3	Green.	
15585	POINT CHEHALIS RANGE FRONT LIGHT	46 54 31 N 124 07 23 W	Q W	27		KRB on pile structure.	Visible 1.5° each side of rangeline. Lighted throughout 24 hours.
15590	POINT CHEHALIS RANGE REAR LIGHT 330 yards, 093° from front light.		Iso R 6s	73		KRB on skeleton tower.	Visible 1.5° each side of rangeline. Lighted throughout 24 hours.
15591	- South Jetty Fog Signal	46 54 21 N 124 08 58 W					Maintained from Jun. 1 to Oct. 1. HORN: 1 blast ev 15s (2s bl).
15595	- Channel Lighted Whistle Buoy 11	46 54 41 N 124 08 25 W	Q G		3	Green.	
15600	- Channel Lighted Whistle Buoy 13	46 55 21 N 124 07 27 W	FI G 4s		5	Green.	
15610	- SOUTH REACH RANGE A FRONT LIGHT	46 55 13 N 124 02 59 W	FI R 2.5s	21		KRB on pile structure.	Higher intensity beam on rangeline. Obscured to northeast. Ra ref.
15615	- SOUTH REACH RANGE A REAR LIGHT 600 yards, 092.3° from front light.		Iso R 6s	50		KRB on skeleton tower on pile structure.	Visible 10° each side of rangeline. Lighted throughout 24 hours.
15620	- South Reach Lighted Bell Buoy 14	46 55 16 N 124 06 20 W	Q R		3	Red.	
15625	- South Reach Lighted Buoy 15	46 55 25 N 124 06 09 W	Q G		5	Green.	
15630	- South Reach Lighted Buoy 15A	46 55 19 N 124 05 26 W	FI G 4s		4	Green.	
15635	- SOUTH REACH LIGHT 16	48 55 08 N 124 05 00 W	FI R 4s	15	5	TR on dolphin.	Higher intensity beam up and down channel.
15640	- South Reach Lighted Buoy 17	46 55 17 N 124 04 15 W	FI G 4s		3	Green.	
15645	- South Reach Lighted Bell Buoy 18	46 55 11 N 124 04 14 W	FI R 4s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
15650	- South Reach Daybeacon 20	46 55 09 N 124 03 41 W				TR on pile structure.	
15655	- <i>South Reach Lighted Gong Buoy 21</i>	46 55 18 N 124 03 24 W	Q G		4	Green.	
15660	- <i>South Reach Lighted Junction Buoy SC</i>	46 55 19 N 124 02 49 W	Fl (2+1) R 6s		4	Red and green bands.	
15665	GRAYS HARBOR SOUTH REACH RANGE AA FRONT LIGHT	46 55 05 N 124 03 41 W	Q R	21		KRB on pile structure.	Visible 10° each side of rangeline. Ra ref.
15670	SOUTH REACH RANGE AA REAR LIGHT 242 yards, 246.7° from front light.		Iso R 6s	38		KRB on skeleton tower on pile structure.	Visible 4° each side of rangeline.
15675	- South Reach Buoy 23	46 55 35 N 124 05 26 W				Green can.	
15680	- <i>South Reach Lighted Bell Buoy 24</i>	46 55 36 N 124 01 54 W	Fl R 4s		4	Red.	
15685	- NORTH CHANNEL RANGE B FRONT LIGHT	46 55 28 N 124 01 41 W	Q W	24	5	KRB on skeleton tower on pile structure.	Visible all around; higher intensity on rangeline.
15690	- NORTH CHANNEL RANGE B REAR LIGHT 617.6 yards, 222.3° from front light.		Iso W 6s	48		KRB on pile structure.	Visible all around; higher intensity on rangeline.
15695	- <i>North Channel Lighted Buoy 25</i>	46 55 55 N 124 01 13 W	Q G		4	Green.	
15700	- <i>North Channel Lighted Bell Buoy 26</i>	46 56 13 N 124 00 29 W	Fl R 2.5s		4	Red.	
15705	- <i>North Channel Lighted Buoy 27</i>	46 56 30 N 124 00 24 W	Fl G 2.5s		4	Green.	
15710	- North Channel Buoy 28	46 57 00 N 123 59 24 W				Red nun.	
15715	- NORTH CHANNEL RANGE C FRONT LIGHT	46 57 55 N 123 58 23 W	Q W	22		KRB on pile structure.	Visible all around; higher intensity on rangeline. Ra ref.
15720	- NORTH CHANNEL RANGE C REAR LIGHT 900 yards, 043° from front light.		Iso W 6s	40		KRB on pile structure.	Visible 10° each side of rangeline. Ra ref.
15725	- <i>North Channel Lighted Buoy 29</i>	46 57 04 N 123 59 37 W	Fl G 4s		4	Green.	
15730	- <i>North Channel Lighted Buoy 30</i>	46 57 29 N 123 58 54 W	Q R		4	Red.	
15735	- NORTH CHANNEL RANGE D FRONT LIGHT	46 57 33 N 123 59 28 W	Q W	38		KRB on pile structure.	Visible 4° each side of rangeline.
15740	- NORTH CHANNEL RANGE D REAR LIGHT 333 yards, 259.7° from front light.		Iso W 6s	59		KRB on pile structure.	Visible 4° each side of rangeline.
15745	- NORTH CHANNEL RANGE E FRONT LIGHT	46 58 13 N 123 55 06 W	Q G	20		KRB on pile structure.	Visible 4° each side of rangeline.
15750	- NORTH CHANNEL RANGE E REAR LIGHT 665 yards, 075° from front light.		Iso G 6s	56		KRB on 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
WASHINGTON - Thirteenth District							
15755	- North Channel Lighted Buoy 32	46 57 35 N 123 58 40 W	FI R 2.5s		4	Red.	
15760	- North Channel Lighted Buoy 34	46 57 41 N 123 57 58 W	FI R 4s		5	Red.	
15765	Grays Harbor North Channel Lighted Buoy 35	46 57 55 N 123 57 02 W	FI G 4s		5	Green.	
15770	- North Channel Lighted Buoy 36	46 57 53 N 123 56 24 W	FI R 2.5s		4	Red.	
15775	- North Channel Lighted Buoy 40	46 58 06 N 123 55 24 W	Q R		4	Red.	
15785	- NORTH CHANNEL RANGE F FRONT LIGHT	46 58 12 N 123 55 54 W	Q W	27		KRB on pile structure.	Visible all around; higher intensity on rangeline.
15790	- NORTH CHANNEL RANGE F REAR LIGHT 12 yards, 255° from front light.		Iso W 6s	45		KRB on pile structure.	Visible 5.5° each side of rangeline.
15793	ABERDEEN TERMINAL NO.3 PIER LIGHTS (2)	46 58 12 N 123 54 54 W	F Y	18		On pier.	Private aids.
15795	- North Channel Lighted Buoy 44	46 58 02 N 123 54 10 W	FI R 2.5s		4	Red.	
15805	GRAYS HARBOR NORTH CHANNEL LIGHT "46"	46 58 01 N 123 52 21 W	FI R 4s		3	TR on pile.	Ra ref.
Cow Point							
15810	- REACH RANGE G FRONT LIGHT	46 57 24 N 123 50 18 W	Q W	15		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 600 yards, 120° from front light.	46 57 17 N 123 48 53 W	Iso W 6s	27		KRB on pile structure.	Visible 10° each side of rangeline.
15820	ABERDEEN TERMINAL NO. 1 PIER LIGHTS (2)	46 57 54 N 123 51 18 W	F Y	15		On pier.	Private aids.
15825	ABERDEEN TERMINAL NO. 2 PIER LIGHTS (2)	46 57 48 N 123 51 12 W	F Y	19		On pier.	Private aids.
15830	- Turning Basin Daybeacon A	46 57 34 N 123 51 04 W				NR on pile.	
15835	- Turning Basin Daybeacon B	46 57 31 N 123 50 59 W				NR on pile.	
15840	GRAYS HARBOR NORTH CHANNEL LIGHT 51	46 57 39 N 123 50 47 W	FI G 4s	15	4	SG on dolphin.	
15841	Grays Harbor North Channel Lighted Buoy 52	46 57 33 N 123 50 49 W	Q R		4	Red.	
15842	Grays Harbor North Channel Lighted Buoy 54	46 57 32 N 123 50 12 W	FI R 2.5s		4	Red.	
15845	ABERDEEN TERMINAL No. 4 PIER LIGHTS(2)	46 57 39 N 123 50 13 W	F Y	18		On pier.	Private aids.
15850	- REACH RANGE H FRONT LIGHT	46 57 35 N 123 49 24 W	Q R	15		KRB on pile structure.	Visible 1.5° each side of rangeline.
15855	- REACH RANGE H REAR LIGHT 500 yards, 091° from front light.		Iso R 6s	26		KRB on pile structure.	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							
15860	- REACH RANGE J FRONT LIGHT	46 57 52 N 123 49 03 W	Q G	16		KRB on pile structure.	Visible all around; higher intensity on rangeline.
15865	COW POINT REACH RANGE J REAR LIGHT 283 yards, 071.8° from front light.	46 57 54 N 123 58 51 W	Iso G 6s	26		KRB on skeleton tower.	Visible 10° each side of rangeline.
Aberdeen							
15870	- REACH RANGE K FRONT LIGHT	46 57 24 N 123 50 17 W	Q W	15		KRB on pile. On same structure as Cow Point Reach Range G Front Light.	Visible all around; higher intensity on rangeline.
15875	- REACH RANGE K REAR LIGHT 1,000 yards, 232° from front light.		Iso W 6s	30		KRB on pile structure.	Visible 5.5° each side of range line.
15880	GRAYS HARBOR NORTH CHANNEL LIGHT 55	46 57 47 N 123 49 41 W	FI G 4s	15	4	SG on dolphin.	
15885	- HARBOR LIGHT 1	46 58 26 N 123 48 23 W	Q G	20	4	SG on dolphin.	
15890	- REACH RANGE L FRONT LIGHT	46 58 29 N 123 48 17 W	Q R	21		KRB on dolphin.	Visible 2° each side of rangeline.
15895	- REACH RANGE L REAR LIGHT 350 yards, 050° from front light.		Iso R 6s	37		KRB on skeleton tower on pile structure.	Visible 2° each side of rangeline.
15900	- ABERDEEN HARBOR LIGHT 3	46 58 38 N 123 47 40 W	FI G 4s	20	4	SG on dolphin.	Higher intensity beam down river.
Grays Harbor North Bay							
15925	- <i>Lighted Buoy 1</i>	46 55 47 N 124 06 04 W	FI G 4s		4	Green.	
15930	- Buoy 2	46 56 03 N 124 05 38 W				Red nun.	
15935	- Buoy 4	46 56 32 N 124 06 00 W				Red nun.	
15940	DAMON POINT LIGHT	46 57 01 N 124 06 25 W	FI Y 4s	20	5	NB on pile structure.	Ra ref.
South Channel							
15950	- LIGHT 6	46 55 14 N 124 01 58 W	FI R 2.5s	16	4	TR on dolphin.	
15955	JOHNS RIVER ENTRANCE LIGHT 8	46 55 22 N 124 00 34 W	FI R 4s	15	4	TR on dolphin.	Higher intensity beam up and down channel.
15960	Johns River Daybeacon 1	46 55 07 N 124 00 07 W				SG on pile.	
15965	Johns River Daybeacon 3	46 54 52 N 123 59 59 W				SG on pile.	
15970	WEYERHAEUSER OUTFALL LIGHTS (2)	46 57 24 N 123 50 54 W	FI Y 10s			On dolphins at end of submerged outfall pipe.	Private aids.
15975	Charley Creek Dike Daybeacon 2	46 57 22 N 123 50 40 W				TR on dolphin.	
South Bay Channel							
15981	<i>Point Chehalis Lighted Buoy 2</i>	46 54 51 N 124 07 13 W	Q R		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
15985	Grays Harbor Regulated Boating Area Warning Sign (2)	46 54 08 N 124 06 09 W	Q Y	20		NW worded ROUGH BAR.	Light oriented upstream. Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that bar is safe.
15990	<i>Point Chehalis Lighted Buoy 4</i>	46 54 57 N 124 06 51 W	FI R 4s		4	Red.	
15995	POINT CHEHALIS LIGHT 6	46 54 45 N 124 06 37 W	FI R 4s	15	4	TR on platform.	
Westhaven							
16001	- LIGHT 7	46 54 50 N 124 06 28 W	FI G 4s	17	4	SG on multi-pile structure.	
16005	- OUTER BREAKWATER NORTH LIGHT 8	46 54 38 N 124 06 29 W	FI R 4s	15	4	TR on pile.	Higher intensity beam up channel.
16010	- OUTER BREAKWATER SOUTH LIGHT 10	46 54 32 N 124 06 26 W	Q R	15	4	TR on pile.	Higher intensity beam down channel.
16015	- SOUTH BREAKWATER LIGHT 11	46 54 35 N 124 06 35 W	FI G 4s	15	5	SG on dolphin.	
16020	- WESTHAVEN COVE SOUTHEAST ENTRANCE LIGHT 1	46 54 21 N 124 06 05 W	FI G 2.5s	16	4	SG on dolphin.	Light is obscured from 138.5° to 242.5°.
16025	- COVE SOUTHEAST ENTRANCE LIGHT 2		FI R 2.5s	15	3	TR on dolphin.	
South Bay Channel							
16030	- Daybeacon 1	46 54 29 N 124 05 41 W				SG on pile.	Ra ref.
16035	- Grays Harbor South Bay Channel Daybeacon 4	46 53 55 N 124 05 07 W				TR on pile.	Ra ref.
16040	- Daybeacon 5	46 53 35 N 124 04 43 W				SG on pile.	Ra ref.
16045	- Daybeacon 6	46 53 08 N 124 05 00 W				TR on pile.	
16050	- Grays Harbor South Bay Channel Daybeacon 8	46 52 48 N 124 05 01 W				TR on pile.	
16055	- Daybeacon 10	46 52 31 N 124 04 52 W				TR on pile.	
16060	- Daybeacon 12	46 52 17 N 124 04 45 W				TR on pile.	
16065	- Daybeacon 14	46 52 06 N 124 04 38 W				TR on pile.	
16070	- Daybeacon 16	46 51 58 N 124 04 25 W				TR on pile.	
APPROACHES TO STRAIT OF JUAN DE FUCA (Chart 18480)							
Quillayute River							
16075 740	- <i>Approach Lighted Whistle Buoy Q</i>	47 53 24 N 124 39 57 W	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 N 124 38 51 W	FI W 6s	150	9	White house.	Obscured from 068° to 101° and from 111° to 293°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
16085	<i>Quillayute River Entrance Lighted Buoy "2"</i>	47 53 41 N 124 38 47 W	FI R 4s		3	Red nun.	
16086	- ENTRANCE LIGHT 2A	47 54 21 N 124 38 38 W	FI R 4s	20	3		
16090	- DIRECTION LIGHT	47 54 27 N 124 38 41 W	Iso W 6s (R & G Sectors)	25		On 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 N 124 38 41 W	FI G 4s	25	4	SG on pile structure. On same structure as Quillayute River Direction Light.	Obscured from 240° to 325°.
16096	- Buoy 5	47 54 30 N 124 38 31 W				Green can.	Position shifted with changing conditions. Maintained from May 1 to Oct. 1.
16097	- Buoy 7	47 54 34 N 124 38 26 W				Green can.	Position shifted with changing conditions. Maintained from May 1 to Oct. 1.
16100	- Regulated Boating Area Warning Sign (2)	47 54 35 N 124 38 17 W	Q Y	34		NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser sea conditions, but with no guarantee that bar is safe
16105	- BOAT BASIN LIGHT 1	47 54 38 N 124 38 17 W	FI G 4s	13	3	SG on dolphin.	
16110	- BOAT BASIN LIGHT 2	47 54 37 N 124 38 17 W	FI R 4s	13	3	TR on dolphin.	
STRAIT OF JUAN DE FUCA ENTRANCE (Chart 18460)							
Strait of Juan De Fuca							
16135 755	<i>Strait of Juan De Fuca Traffic Lane Separation Lighted Buoy J</i>	48 29 37 N 125 00 00 W	FI Y 2.5s		6	Yellow.	RACON: O (---).
16136 756	- <i>Traffic Lane Separation Lighted Buoy JA</i>	48 29 38 N 124 43 38 W	FI Y 2.5s		3	Yellow.	
16140 770	Carmanah Light (C)	48 36 42 N 124 45 05 W	FI W 5s	182	19	White octagonal tower. 30	Aid maintained by CA. HORN: 3 blasts ev 60s (2s bl-3s si-2s bl-3s si-2s bl-48s si). Emergency light.
16145 760	Cape Flattery Light	48 23 30 N 124 44 12 W	FI (2) W 20s	165	W 18	White conical tower on white sandstone dwelling. 57	Light is obscured from 271° to 007.5°. Emergency light Iso W 6s. Operates at reduced intensity. HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si). Operates continuously.
16150 765	<i>Duntze Rock Lighted Whistle Buoy 2D</i>	48 24 54 N 124 45 07 W	FI R 4s		5	Red.	
16155	Waadah Island Light	48 23 06 N 124 35 59 W	FI W 4s (R sector)	63	W 8 R 6	NR on concrete tower.	Red sector from 093° to 109°; covers Duncan and Duntz Rocks.
16160	NEAH BAY LIGHT 2	48 22 41 N 124 35 40 W	FI R 6s	46	5	TR on skeleton tower.	Light obscured from 114° to 196°. 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
WASHINGTON - Thirteenth District							
16165	Neah Bay Inner Light 4	48 22 30 N 124 36 01 W	FI R 2.5s		3	TR on pile structure.	
16166	NEAH BAY MARINA BREAKWATER OBSTRUCTION LIGHT A	48 22 06 N 124 36 27 W	FI Y 6s	24	4	NY on pole.	
16167	NEAH BAY MARINA BREAKWATER OBSTRUCTION LIGHT B	48 22 09 N 124 36 32 W	FI Y 4s	20	4	NY on pole.	
16168	NEAH BAY MARINA ENTRANCE LIGHT 1	48 22 10 N 124 36 47 W	Q G	24	3	SG on pole.	
16170	<i>Neah Bay Entrance Lighted Bell Buoy 1</i>	48 22 37 N 124 35 16 W	FI G 4s		5	Green.	
16175	<i>Port San Juan Lighted Whistle Buoy YK (C)</i>	48 32 04 N 124 29 06 W	Mo (A) W			Red and vertical stripes, marked YK.	Aid maintained by CA.
16180	San Juan Point Light (C)	48 31 53 N 124 27 29 W	FI R 5s	55	11	White circular tower with red band at top on a white rectangular building.	Aid maintained by CA.
16185	<i>Clallam Reef Lighted Bell Buoy 1</i>	48 16 06 N 124 15 28 W	FI G 4s		4	Green.	
16195	Sheringham Point Light (C)	48 22 36 N 123 55 16 W	FI G 15s		9	White hexagonal tower.	Aid maintained by CA.
STRAIT OF JUAN DE FUCA (Eastern Part) (Chart 18465)							
Strait of Juan De Fuca							
16210	WHIFFIN SPIT LIGHT (C)	48 21 30 N 123 42 41 W	Q W	22	7	White circular tower with green band at top on a white rectangular building.	Aid maintained by CA. HORN: 1 blast ev 30s (3s bl). Operated only on request to Vancouver Coast Guard Radio.
16215	Crescent Bay Bell Buoy 2	48 10 19 N 123 43 27 W				Red.	
16221	<i>Race Rocks South Cautionary Lighted Buoy VF (C)</i>	48 14 04 N 123 31 59 W	FI Y 4s			Yellow.	Aid maintained by CA. Ra ref.
16222	<i>- Traffic Lane Separation Lighted Buoy PA</i>	48 12 54 N 123 28 41 W	FI Y 2.5s		6	Yellow.	
16223	<i>Race Rocks East Cautionary Lighted Buoy VG (C)</i>	48 16 04 N 123 27 50 W	FI Y 4s			Yellow.	Aid maintained by CA.
16224	<i>- Lighted Buoy 4</i>	48 09 48 N 123 28 24 W	FI R 4s		4	Red.	
16225	RACE ROCKS LIGHT (C)	48 17 53 N 123 31 53 W	FI W 10s	118		Alternate black and white bands on circular tower. 80	Emergency light. Aid maintained by CA. HORN: 3 blast ev 60s (2s bl- 3s si-2s bl-3s si-2s bl-48s si).
16235	<i>Victoria Harbor Cautionary Lighted Buoy VH (C)</i>	48 22 31 N 123 23 34 W	FI Y 4s		5	Yellow.	RACON: F (••-•). Aid maintained by CA.
16245	FISGARD SECTOR LIGHT (C)	48 25 49 N 123 26 51 W	Iso W 2s (R sector)	71		White circular tower. 48	Red sector from 195° to 332°, white from 332° to 195°. Floodlit below balcony.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
16250	OGDEN POINT BREAKWATER LIGHT (C)	48 24 49 N 123 23 38 W	Q R	40		White tower with red band around bottom. 22	Aid maintained by CA.
16255	SCROGGS ROCKS LIGHT (C)	48 25 34 N 123 26 20 W	FI R 4s	20	5	White circular tower with red band at top.	Aid maintained by CA.
16260	BROTCHIE LEDGE LIGHT (C)	48 24 23 N 123 23 17 W	FI G 4s	37	6	White circular tower with green band at top. 18	Aid maintained by CA. Ra ref.
16265	Trial Islands Light (C)	48 23 42 N 123 18 19 W	FI G 5s	93	11	White circular tower. 33	Aid maintained by CA.
16270 19685	Discovery Island Light (C)	48 25 28 N 123 13 33 W	FI W 5s	93	16	White circular tower. 35	Aid maintained by CA. HORN: 1 blast ev 60s (6s bl).
Ediz Hook							
16280	- Light	48 08 25 N 123 24 08 W	FI 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.	Lighted throughout 24 hours. HORN: 1 blast ev 30s (3s bl).
16285	<i>- Lighted Buoy 2</i>	48 08 20 N 123 23 58 W	FI R 2.5s		5	Red.	
16290	Port Angeles Harbor Buoy 1	48 07 21 N 123 24 31 W				Green can.	
Coast Guard Mooring							
16291	- BREAKWATER OBSTRUCTION LIGHT	48 08 23 N 123 24 43 W	FI Y 4s	14	5	NY on concrete wall.	
16292	- BASIN LIGHT 1	48 08 22 N 123 24 46 W	FI G 4s	14	4	SG on pier.	
16293	- BASIN LIGHT 2	48 08 21 N 123 24 44 W	FI R 4s	14	3	TR on concrete wall.	
16294	- BASIN LIGHT 3	48 08 23 N 123 24 55 W	FI G 2.5s	14	3	SG on multi-pile.	
16295	- BASIN LIGHT 4	48 08 23 N 123 24 52 W	FI R 2.5s	17	3	TR on pier.	
Ediz Hook							
16300	- SALMON PEN LIGHT A	48 08 18 N 123 25 01 W	FI Y 6s			On aquaculture facility.	Private aid.
16307	- SALMON PEN LIGHT B	48 08 18 N 123 25 12 W	FI Y 6s			On aquaculture facility.	Private aid.
Port Angeles							
16310	-Port Angeles Port Dock Light A	48 07 32 N 123 26 15 W	F Y	17		On pile.	Private aid.
16315	<i>- Boat Haven Lighted Buoy 3</i>	48 07 43 N 123 26 54 W	FI G 4s		4	Green.	
16320	- MOORING BASIN WEST LIGHT	48 07 36 N 123 27 06 W	F R	17		On dolphin.	Private aid.
16325	-Port Angeles Mooring Basin East Light	48 07 36 N 123 27 08 W	F G	17		On breakwater.	Private aid.
16330	- BOAT HAVEN LIGHT	48 07 36 N 123 27 06 W	FI W 2.5s	17		On mast.	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							
16335	New Dungeness Light	48 10 54 N 123 06 37 W	FI W 5s	67	18	White conical tower on dwelling. 63	Lighted throughout 24 hours.
16337	<i>NOAA Lighted Buoy 46088</i>	48 20 00 N 123 10 00 W	FI Y 2.5s		4	Yellow disc-shaped buoy.	
16340	<i>Rosario Strait Traffic Lane Entrance Lighted Buoy R</i>	48 16 25 N 123 06 35 W	FI Y 2.5s		6	Yellow.	RACON: T (—).
16345	<i>Puget Sound Traffic Lane Entrance Lighted Buoy S</i>	48 12 21 N 123 06 35 W	FI Y 2.5s		6	Yellow.	RACON: Z (— • •).
16355	<i>New Dungeness Sand Spit Lighted Bell Buoy 2</i>	48 11 32 N 123 05 41 W	FI R 4s		3	Red.	
16361	<i>Hein Bank Isolated Danger Lighted Buoy DH</i>	48 21 06 N 123 02 46 W	FI (2) W 5s		6	Black and red bands with two black spherical topmarks.	
16362	<i>Hein Bank Lighted Buoy 1</i>	48 22 01 N 123 02 11 W	FI G 6s		5	Green.	RACON: K(— • —).
16365	<i>Salmon Bank Lighted Gong Buoy 3</i>	48 25 36 N 122 58 37 W	FI G 4s		5	Green.	
16370	<i>Rosario Strait Traffic Lane Separation Lighted Buoy RA</i>	48 19 45 N 122 58 39 W	FI Y 2.5s		6	Yellow.	RACON: N (— •)
16375	Smith Island Light	48 19 06 N 122 50 38 W	FI W 10s	97	18	Skeleton tower. 45	
16380	MINOR ISLAND LIGHT	48 19 27 N 122 49 09 W	FI W 4s	24	6	Cylindrical Tower.	
16385	Partridge Bank Buoy 1	48 15 32 N 122 50 12 W				Green can.	
16390	<i>Partridge Bank Lighted Bell Buoy 3</i>	48 14 49 N 122 50 03 W	FI G 6s		6	Green.	
16395	<i>Point Partridge Lighted Bell Buoy 5</i>	48 13 15 N 122 47 00 W	FI G 4s		5	Green.	
16400	Point Partridge Light	48 13 29 N 122 46 10 W	FI W 5s	105	18	NB on skeleton tower.	Lighted throughout 24 hours.
16405	<i>Puget Sound Traffic Lane Separation Lighted Buoy SA</i>	48 11 27 N 122 49 48 W	FI Y 2.5s		6	Yellow.	RACON: M (— —).
APPROACHES TO ADMIRALTY INLET (Chart 18471)							
Sequim Bay							
16416	<i>- Entrance Lighted Buoy 2</i>	48 05 05 N 123 01 43 W	FI R 4s		3	Red.	
16420	<i>- Entrance Buoy 4</i>	48 04 58 N 123 02 17 W				Red nun.	
16425	<i>- Buoy 5</i>	48 04 36 N 123 02 36 W				Green can.	
16430	<i>- Buoy 7</i>	48 04 30 N 123 02 36 W				Green can.	
16435	<i>- Buoy 9</i>	48 04 15 N 123 02 25 W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
16440	- Buoy 10	48 04 14 N 123 02 33 W				Red nun.	
16445	JOHN WAYNE MARINA LIGHT 2	48 03 54 N 123 02 18 W	FI R 2.5s	21		On north breakwater.	Private aid.
16450	JOHN WAYNE MARINA LIGHT 3	48 03 48 N 123 02 18 W	FI G 2.5s	13		On south breakwater.	Private aid.
Strait of Juan De Fuca							
16460	Protection Island Southwest Spit Buoy 1	48 06 52 N 122 57 54 W				Green can.	
16465	McCurdy Point Buoy 4	48 08 42 N 122 50 40 W				Red nun.	
16470	<i>Point Wilson Lighted Buoy 6</i>	48 09 11 N 122 45 38 W	FI R 4s		4	Red.	
ADMIRALTY INLET AND PUGET SOUND TO SEATTLE (Chart 18441)							
Admiralty Inlet							
16475	Point Wilson Light	48 08 39 N 122 45 17 W	AI RW 5s 0.1s W fl 4.9s ec. 0.1s R fl 4.9s ec.	51	15 18	White octagonal tower on fog signal building.	Lighted throughout 24 hours. HORN: 1 blast ev 30s (3s bl).
16480	KEYSTONE HARBOR ENTRANCE LIGHT 1	48 09 24 N 122 40 18 W	Q G	12		On piling.	Private aid.
16485	KEYSTONE HARBOR ENTRANCE LIGHT 2	48 09 23 N 122 40 17 W	FI R 4s	13	5	TR on platform.	
16490 17520	<i>Point Hudson Spit Lighted Bell Buoy 2</i>	48 07 27 N 122 44 40 W	FI R 4s		4	Red.	
16495 17525	POINT HUDSON LIGHT 4	48 07 02 N 122 44 57 W	FI R 2.5s	35	5	TR on skeleton tower.	
16500	MARROWSTONE POINT LIGHT	48 06 06 N 122 41 16 W	Oc W 4s	28	9	White square structure. 20	HORN: 2 blasts ev 30s (2s bl- 2s si-2s bl-24s si).
16505	Bush Point Light	48 01 51 N 122 36 25 W	FI W 2.5s	25	11	White pyramidal building. 20	
16510	<i>Puget Sound Traffic Lane Separation Lighted Buoy SC</i>	48 01 51 N 122 38 10 W	FI Y 2.5s		6	Yellow.	
16515 17700	COLVOS ROCKS LIGHT	47 57 07 N 122 40 16 W	FI W 4s	34	4	NW on skeleton tower worded DANGER ROCK.	
16520	DOUBLE BLUFF LIGHT	47 58 03 N 122 32 47 W	FI W 4s	60	6	NG on skeleton tower.	
16525	<i>Double Bluff Lighted Buoy 1</i>	47 57 58 N 122 33 16 W	FI G 4s		5	Green.	
16530	<i>Puget Sound Traffic Lane Separation Lighted Buoy SD</i>	47 57 52 N 122 34 47 W	FI Y 2.5s		6	Yellow.	
16535	<i>Foulweather Bluff Lighted Bell Buoy 2</i>	47 56 50 N 122 36 06 W	FI R 4s		4	Red.	
16540	<i>Puget Sound Traffic Lane Separation Lighted Buoy SE</i>	47 55 24 N 122 29 34 W	FI Y 2.5s		6	Yellow.	RACON: T(-).
16545	SKUNK BAY LIGHT	47 55 12 N 122 34 06 W	F R	210		White octagonal tower.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
Puget Sound							
16550	Point No Point Light	47 54 44 N 122 31 37 W	Fl (3) W 10s 0.1s fl 1.9s ec. 0.1s fl 1.9s ec. 0.1s fl 5.9s ec.	27	14		Lighted throughout 24 hours. HORN: 1 blast ev 20s (2s bl).
16555	<i>Scatchet Head Lighted Gong Buoy 1</i>	47 54 30 N 122 26 17 W	Fl G 6s		5	Green.	
16560 18455	<i>Possession Point Lighted Bell Buoy 1</i>	47 53 49 N 122 23 07 W	Fl G 4s		5	Green.	
Cultus Bay							
16575	- Entrance Buoy 1	47 54 26 N 122 24 08 W				Green can.	Private aid.
16580	- Entrance Buoy 2	47 54 26 N 122 24 07 W				Red nun.	Private aid.
16583	- Daybeacon 3	47 54 25 N 122 24 08 W				Numbered pile.	Private aid.
16585	- Daybeacon 4	47 54 28 N 122 24 05 W				Numbered pile.	Private aid.
16587	- Daybeacon 5	47 54 31 N 122 24 01 W				Numbered pile.	Private aid.
16590	- Daybeacon 6	47 54 34 N 122 24 01 W				Numbered pile.	Private aid.
16595	- Daybeacon 7	47 54 37 N 122 23 58 W				Numbered pile.	Private aid.
16598	- Daybeacon 8	47 54 40 N 122 23 56 W				Numbered pile.	Private aid.
16600	- Daybeacon 9	47 54 44 N 122 23 55 W				Numbered pile.	Private aid.
16605	- Daybeacon 10	47 54 45 N 122 23 52 W				Numbered pile.	Private aid.
16610	- Daybeacon 11	47 54 47 N 122 23 52 W				Numbered pile.	Private aid.
16620	- Daybeacon 13	47 54 51 N 122 23 49 W				Numbered pile.	Private aid.
16625	- Daybeacon 14	47 54 51 N 122 23 49 W				Numbered pile.	Private aid.
16630	- Daybeacon 15	47 54 56 N 122 23 47 W				Numbered pile.	Private aid.
16633	- Daybeacon 16	47 54 56 N 122 23 46 W				Numbered pile.	Private aid.
16635	- Daybeacon 17	47 55 02 N 122 23 45 W				Numbered pile.	Private aid.
16640	- Daybeacon 18	47 55 01 N 122 23 44 W				Numbered pile.	Private aid.
16650	- Daybeacon 20	47 55 09 N 122 23 40 W				Numbered pile.	Private aid.
16655	- Daybeacon 21	47 55 11 N 122 23 37 W				Numbered pile.	Private aid.
16660	- Daybeacon 22	47 55 11 N 122 23 33 W				Numbered pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
16665	- Daybeacon 23	47 55 11 N 122 23 32 W				Numbered pile.	Private aid.
	Puget Sound						
16675	APPLE COVE POINT LIGHT	47 48 54 N 122 28 54 W	FI W 4s	18	5	NB on pile structure.	
16680	POINT WELLS RANGE FRONT LIGHT	47 47 06 N 122 23 48 W	F R	44		KRB on skeleton tower.	Visible 4° each side of rangeline. Private aid.
16685	POINT WELLS RANGE REAR LIGHT 337 yards, 149° from front light.		F R	81		KRB on skeleton tower.	Visible 4° each side of rangeline. Private aid.
16690	Edmonds Underwater Park Buoys (2) Marks seaward corner of Edmonds Underwater Park.	47 48 54 N 122 23 06 W				White with orange bands near top and at waterline worded WARNING UNDERWATER PARK BOATS KEEP CLEAR.	Private aids.
16700	Edmonds Storm Sewer Outfall Daybeacon	47 48 24 N 122 23 42 W				White daymark worded DANGER END OF PIPE on pipe.	Private aid.
16705	EDMONDS SOUTH BREAKWATER LIGHT	47 48 31 N 122 23 30 W	FI Y 4s	18		On multi-pile structure.	Private aid.
16710	EDMONDS SMALL BOAT HARBOR ENTRANCE LIGHT 1	47 48 31 N 122 23 30 W	FI G 4s	18		SG on dolphin.	Private aid.
16715	EDMONDS SMALL BOAT HARBOR ENTRANCE LIGHT 2	47 48 33 N 122 23 25 W	FI R 4s	19		TR on pedestal.	Private aid.
16718	EDMONDS FERRY TERMINAL LIGHTS (2)	47 48 49 N 122 23 10 W	FI Y 10s	30		On dolphin.	Private aid. HORN: 2 blasts ev 30s (5s bl).
16720	Edmonds Fishing Reef Buoys (2)	47 48 42 N 122 23 18 W				White cans with orange band and diamond.	Private aids.
16725	Point Wells Fog Signal	47 46 54 N 122 23 48 W				On pole.	Private aid. HORN: 1 blast ev 30s (3s bl).
16730	KINGSTON SMALL BOAT HARBOR LIGHT 2	47 47 37 N 122 29 55 W	FI R 4s	13	4	TR on skeleton tower.	
16745	<i>Puget Sound Traffic Lane Separation Lighted Buoy SF</i>	47 45 54 N 122 26 15 W	FI Y 2.5s		6	Yellow.	RACON: G (— •).
16765	<i>Meadow Point Lighted Buoy 1</i>	47 41 47 N 122 24 35 W	FI G 4s		5	Green.	
16770	SHILSHOLE BAY BOAT BASIN LIGHT 2	47 41 16 N 122 24 18 W	FI R 2.5s	28	5	TR on jetty.	
16775	PARK DEPARTMENT BOAT RAMP LIGHT	47 41 12 N 122 24 12 W	F G	10			Private aid.
16780	<i>ACOE Shilshole Bay North Lighted Mooring Buoy</i>	47 41 05 N 122 24 34 W	FI W 4s			White can.	Maintained by U.S. Army Corps of Engineers.
16785 18110	<i>Shilshole Bay Approach Lighted Buoy</i>	47 40 55 N 122 25 08 W	Mo (A) W		3	Red and white stripes with red spherical topmark.	
16790 18140	SHILSHOLE BAY BREAKWATER LIGHT 3	47 40 38 N 122 24 43 W	FI G 2.5s	29	5	SG on jetty.	
16795	<i>ACOE Shilshole Bay South Lighted Mooring Buoy</i>	47 40 17 N 122 25 22 W	FI W 4s			White can.	Maintained by U.S. Army Corps of Engineers.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
16800	West Point Light	47 39 43 N 122 26 09 W	Al WR 10s 0.2s W fl 4.8s ec. 0.2s R fl 4.8s ec.	27	W 16 R 13		Lighted throughout 24 hours. Emergency light: Iso W 6s. HORN: 1 blast ev 10s (1s bl). Operates continuously.
16805	<i>West Point Lighted Buoy 1</i>	47 39 37 N 122 26 28 W	Fl G 4s		5	Green.	
16810	FOURMILE ROCK LIGHT 1		Fl G 6s	15	6	SG on skeleton tower.	
16815	<i>Puget Sound Traffic Lane Separation Lighted Buoy SG</i>	47 39 41 N 122 27 52 W	Fl Y 2.5s		6	Yellow.	RACON: N (—•).
16820	Wing Point Reef Buoy 2	47 36 44 N 122 29 08 W				Red nun.	
16825	TYEE SHOAL LIGHT	47 36 35 N 122 29 15 W	Fl (2+1) R 6s	15	5	JR on dolphin.	Higher intensity on bearing 094°. HORN: 1 blast ev 15s (2s bl). Ra ref.
16830	BLAKELY ROCK LIGHT	47 35 40 N 122 28 50 W	Fl W 4s	16	5	NB on skeleton tower.	
PUGET SOUND - Seattle to Bremerton (Chart 18449)							
Puget Sound							
16835	<i>Decatur Reef Lighted Buoy 2</i>	47 34 56 N 122 28 34 W	Fl R 6s		4	Red.	Ra ref.
Elliott Bay							
16837	- MARINA WEST ENTRANCE LIGHT 1	47 37 42 N 122 23 48 W	Fl G 10s				Private aid.
16837.1	- MARINA WEST ENTRANCE LIGHT 2	47 37 42 N 122 23 48 W	Fl R 10s				Private aid.
16838	- MARINA BREAKWATER LIGHT A	47 37 48 N 122 23 48 W	Fl Y 10s				Private aid.
16838.1	- MARINA BREAKWATER LIGHT B	47 37 42 N 122 23 48 W	Fl Y 10s				Private aid.
16838.2	- MARINA BREAKWATER LIGHT C	47 37 36 N 122 23 18 W	Fl Y 10s				Private aid.
16838.3	- MARINA BREAKWATER LIGHT D	47 37 42 N 122 23 18 W	F Y 10s				Private aid.
16839	- MARINA EAST ENTRANCE LIGHT 1	47 37 36 N 122 23 12 W	Fl G 10s				Private aid.
16839.1	- MARINA EAST ENTRANCE LIGHT 2	47 37 42 N 122 23 18 W	Fl R 10s				Private aid.
16840	Smith Cove Buoy 1	47 37 42 N 122 23 05 W				Green can.	
16845	Smith Cove Buoy 3					Green can.	
16847	- Fish Haven Buoy A	47 37 30 N 122 22 24 W				White can with orange bands near top and waterline, orange diamond with center cross worded FISHING REEF.	Private aid. Ra ref.
16848	- Fish Haven Buoy B	47 37 30 N 122 22 18 W				White can with orange bands near top and waterline, orange diamond with center cross worded FISHING REEF.	Private aid. Ra ref.
16852	- FISH PEN LIGHTS (2)	47 37 18 N 122 22 06 W	Fl Y 6s				Private aids.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
16855	COLMAN FERRY TERMINAL LIGHTS (2)	47 36 12 N 122 20 24 W	F R	19 19		On dolphin.	Private aids. HORN: 2 blasts ev 15s (1s bl-1s si-3s bl-10s si). Fog light, 36 feet above water, F W exhibited when fog signal is in operation.
16860	EAST WATERWAY PIER LIGHT	47 35 28 N 122 20 48 W	FI R 4s	12			Private aid.
16880	GEORGETOWN REACH RANGE FRONT LIGHT	47 32 33 N 122 20 05 W	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.		Iso R 6s			KRB on pile.	Visible 4° each side of rangeline. Private aid.
16900	ALASKA HYDRO-TRAIN LIGHT A	47 35 00 N 122 22 18 W	FI Y 4s	14		On dolphin.	Private aid.
16905	ALASKA HYDRO-TRAIN LIGHT B	47 35 06 N 122 22 12 W	FI R 4s	8		On dolphin.	Private aid.
16906	Seacrest Warning Buoy A	47 35 17 N 122 22 39 W				White can with orange markings worded WARNING WATCH FOR DIVERS.	Private aid.
16907	Seacrest Warning Buoy B	47 35 20 N 122 22 44 W				White can with orange markings worded WARNING WATCH FOR DIVERS.	Private aid.
16908	Seacrest Warning Buoy C	47 35 26 N 122 22 51 W				White can with orange markings worded WARNING WATCH FOR DIVERS.	Private aid.
16910	Duwamish Head Light	47 35 56 N 122 23 16 W	FI W 2.5s	15	15	NB on pile structure.	Obscured from 324° to 045°. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si).
East Passage							
16915	Alki Point Light	47 34 35 N 122 25 14 W	FI W 5s	39	15	White octagonal tower attached to building. 37	Lighted throughout 24 hours.

Section 13

Washington

Seattle to Olympia, Port Townsend, Oak Bay, Hood Canal, Eagle Harbor, Lake Washington Ship Canal, Possession Sound and Everett Harbor

(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	<i>Puget Sound Traffic Lane Separation Lighted Buoy T</i>	47 34 33 N 122 27 04 W	FI Y 2.5s		6	Yellow.	
Blake Island							
16925	- LIGHT 1	47 32 39 N 122 28 51 W	FI G 4s	11		SG on pile structure.	Private aid.
16930	- Daybeacon 2	47 32 40 N 122 28 54 W				TR on pile.	Private aid.
16935	- Daybeacon 3	47 32 38 N 122 28 53 W				SG on pile.	Private aid.
16940	- Daybeacon 4	47 32 38 N 122 28 56 W				TR on pile.	Private aid.
16945	- Daybeacon 5	47 32 37 N 122 28 55 W				SG on pile.	Private aid.
16950	- Daybeacon 6	47 32 36 N 122 28 57 W				TR on pile.	Private aid.
16955	- EAST LIGHT	47 32 27 N 122 28 51 W	FI W 4s	18	6	NB on skeleton tower.	
16961	- Line Mooring System Lighted Buoys (3)	47 32 39 N 122 30 26 W	FI Y 2.5s			Yellow.	Three lighted yellow spar buoys connected with cable 2 feet above waters surface. Private aid.
East Passage							
16970	Fauntleroy Cove Fog Signal	47 31 24 N 122 23 42 W					Private aid. SIREN: 1 blast ev 24s (4s bl).
16974	<i>East Vashon Outfall Pipe Lighted Buoy</i>	47 27 11 N 122 26 19 W	FI W 6s			Orange and white buoy.	Private aid.
16975	<i>Puget Sound Traffic Lane Separation Lighted Buoy TA</i>	47 26 52 N 122 24 16 W	FI Y 2.5s		6	Yellow.	
16980	Three Tree Point Light	47 27 02 N 122 22 57 W	FI W 2s	25	11	White skeleton tower. 20	HORN: 1 blast ev 15s (2s bl).
Three Tree Point Yacht Club							
17020	- Racing Buoy C	47 26 53 N 122 22 51 W				White spar buoy.	Private aid.
17025	- Racing Buoy A	47 23 48 N 122 19 59 W				White spar buoy.	Private aid.
17030	- Racing Buoy I	47 23 11 N 122 20 02 W				White spar buoy.	Private aid.
17035	- Racing Buoy L	47 24 46 N 122 20 48 W				White spar buoy.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
17040	- Racing Buoy K	47 24 14 N 122 20 13 W				White spar buoy.	Private aid.
Des Moines Marina							
17044	- <i>Lighted Buoy 1</i>	47 24 05 N 122 20 05 W	FI G 2.5s			Green.	Private aid.
17045	- LIGHT 3	47 24 07 N 122 19 59 W	FI G 4s	35		On pier.	Private aid.
17050	- LIGHT A	47 24 08 N 122 19 55 W	F Y	35		On pier.	Private aid.
17055	- LIGHT 4	47 24 06 N 122 19 54 W	FI R 4s	13	4	TR on breakwater.	Private aid.
17060	- LIGHT B	47 24 06 N 122 19 48 W	F Y	35		On pier.	Private aid.
17065	- BREAKWATER OBSTRUCTION LIGHT C	47 23 48 N 122 19 54 W	FI Y 6s	13	5	NY on breakwater.	Private aid.
East Passage							
17070	Robinson Point Light	47 23 17 N 122 22 28 W	FI (2) W 12s 3s fl 1s ec. 3s fl 5s ec.	40	13		Emergency light Iso W 6s. HORN: 1 blast ev 30s (3s bl).
17075	<i>Puget Sound Traffic Lane Separation Lighted Buoy TB</i>	47 23 06 N 122 21 12 W	FI Y 2.5s		6	Yellow.	
17077	Three Tree Point Yacht Club Racing Buoy J	47 22 58 N 122 22 36 W				White spar buoy.	Private aid.
17080	Saltwater State Park Buoy Marks fish haven.	47 22 24 N 122 19 36 W				White with orange bands.	Private aid.
17082	Redondo Floating Breakwater Lights (3)	47 20 30 N 122 20 30 W	FI Y 4s			Floating Breakwater.	Maintained from May 1 to Nov. 1. Private aid.
17085	<i>Puget Sound Traffic Lane Separation Lighted Buoy TC</i>	47 19 29 N 122 27 23 W	FI Y 2.5s		6	Yellow.	
17090	Browns Point Light	47 18 22 N 122 26 35 W	FI W 5s	38	12		Light obscured from 217° to 002°. HORN: 2 blasts ev 30s (2s bl- 2s si-2s bl-24s si).
17095	Quartermaster Harbor Shoal Buoy 2	47 20 54 N 122 28 36 W				Red nun.	
Colvos Passage							
17100	POINT VASHON LIGHT	47 30 49 N 122 28 23 W	FI W 4s	17	7	NB on pile structure.	
17105	- LIGHT 3	47 27 42 N 122 30 34 W	FI G 6s	15	4	SG on pile.	
17110	- LIGHT 4	47 25 48 N 122 31 53 W	FI R 6s	15	4	TR on pile.	
17115	- LIGHT 5	47 23 49 N 122 31 41 W	FI G 4s	17	4	SG on pile.	
17120	- LIGHT 6	47 22 37 N 122 32 18 W	FI R 4s	15	4	TR on pile structure.	Light obscured from 022° to 153°.
17121	Ruston Way Outfall Lighted Buoy	47 17 14 N 122 29 03 W	FI Y 4s		2	Yellow.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
Tacoma Harbor							
17125	Thea Foss Waterway Light	47 15 42 N 122 26 11 W	FI W 6s	23	7	On pile.	HORN: 2 blast ev 20s (2s bl-2s si-2s bl-14s si).
17126	Tacoma Harbor Regulatory Buoys (3)	47 15 49 N 122 26 10 W				White with orange bands.	Private aid.
17127	Middle Waterway Buoy 1	47 15 57 N 122 26 00 W				Green can.	Private aid.
17128	Middle Waterway Buoy 3	47 15 52 N 122 25 56 W				Green can.	Private aid.
17129	St. Paul Waterway Buoy 2	47 15 58 N 122 25 57 W				Red nun.	Private aid.
17131	<i>Commencement Bay Shoal Lighted Buoy A</i>	47 16 24 N 122 26 00 W	FI Y 4s			Yellow.	
17136	PORT OF TACOMA TERMINAL NO. 8 LIGHT A	47 16 14 N 122 25 14 W	Q Y	16		On Dolphin.	Private aid.
17137	PORT OF TACOMA TERMINAL NO. 8 LIGHT B	47 16 13 N 122 25 13 W	Q Y	16		On corner of Pier.	Private aid.
17140	SITCUM WATERWAY LIGHT	47 16 18 N 122 25 06 W	F Y	14		On pile structure.	Private aid.
17145	<i>Blair Waterway Lighted Buoy 2</i>	47 16 42 N 122 24 58 W	FI R 4s			Red.	Private aid.
17158	<i>Tacoma Outfall Lighted Buoy</i>	47 16 42 N 122 25 12 W	FI Y 4s			Yellow.	Private aid.
17159	COMMENCEMENT BAY DIRECTIONAL LIGHT	47 16 49 N 122 24 52 W	FI (2+1) W 6s (R & G sectors)	20	W 9 R 7 G 7	On skeleton tower.	Centerline bearing 124°. White visible 3.25° each side of centerline. Red visible from 116.5° to 120.75°. Green visible from 127.25° to 131.5°.
17160	BLAIR TERMINAL LIGHT B	47 15 38 N 122 23 11 W	F Y	11		On corner of pier.	Private aid.
17165	BLAIR TERMINAL LIGHT A	47 15 30 N 122 22 57 W	F Y	11		On corner of pier.	Private aid.
Blair Waterway							
17166	Light 3	47 16 21 N 122 24 09 W	Q G	53	9	Skeleton tower.	Lighted throughout 24 hours.
17167	Light 4	47 16 18 N 122 24 13 W	Q R	53	9	Skeleton tower.	Lighted throughout 24 hours.
17168	Light 5	47 16 19 N 122 24 05 W	Oc G 4s	53	10	Skeleton tower.	Lighted throughout 24 hours.
17169	Light 6	47 16 16 N 122 24 09 W	Oc R 4s	53	10	Skeleton tower.	Lighted throughout 24 hours.
17172	BLAIR WATERWAY RANGE FRONT LIGHT	47 15 12 N 122 22 24 W	Q R	111		KRB on single steel pile.	Private aid.
17173	BLAIR WATERWAY RANGE REAR LIGHT 300 yards, 134° true from front light.	47 15 05 N 122 22 12 W	Iso R 6s	151		KRB on single steel pile.	Private aid.
17175	ARMY RESERVE PIER 23 LIGHT A	47 17 06 N 122 24 52 W	F Y	7		On corner of pier.	Private aid. HORN 1 bl ev 15s (2s bl) (0.0s bl).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
17180	ARMY RESERVE PIER 23 LIGHT B	47 17 06 N 122 24 52 W	F Y	7		On corner of pier.	Private aid.
	Hylebos Waterway						
17190	PORT OF TACOMA PIER NO. 25 LIGHT	47 17 06 N 122 24 36 W	F Y	7		On corner of pier.	Private aid. BELL (1s stroke-14s si).
17201	<i>Hylebos Waterway Lighted Buoy 1</i>	47 17 12 N 122 24 48 W	FI G 4s		5	Green.	
17203	CHINOOK LANDING LIGHT A	47 16 50 N 122 24 05 W	FI Y 4s	10		On pile.	Private aid.
17204	CHINOOK LANDING LIGHT B	47 16 56 N 122 24 12 W	FI Y 4s	10		On pile.	Private aid.
17207	Hylebos Waterway Mooring Buoy (2)	47 16 30 N 122 23 00 W				White steel mooring balls.	Private aid.
17210	TYEE MARINA ENTRANCE LIGHT	47 17 40 N 122 25 15 W	FI G 10s				Private aid.
	Puget Sound						
17213	POINT DEFIANCE FERRY DOLPHIN LIGHT	47 18 24 N 122 30 48 W	FI Y 10s			On dolphin.	Private aid.
17215	Point Defiance Light	47 19 00 N 122 32 53 W	FI W 6s	21	9	NG on pile structure.	HORN: 1 blast ev 15s (2s bl).
17221	GIG HARBOR LIGHT	47 19 42 N 122 34 24 W	FI R 4s	13	3	Hexagonal concrete building.	Obscured from 162° to 273°. Private aid.
17225	POINT EVANS LIGHT 4	47 17 06 N 122 32 54 W	FI R 4s	18	4	TR on pile.	
17245	Fox Island Rock Buoy 1	47 16 30 N 122 38 42 W				Green can.	
17247	ECHO BAY FISH PEN LIGHTS (2)	47 16 01 N 122 38 45 W	FI Y 6s		2	Wood fish net pen.	Private aid.
17250	GIBSON POINT LIGHT 6	47 13 08 N 122 36 07 W	FI R 4s	22	5	TR on dolphin.	Light visible from 222° to 055°.
17255	Steilacoom North Mooring Buoy	47 12 33 N 122 35 05 W				White and blue buoy.	Private aid.
17265	<i>Toliva Shoal Isolated Danger Lighted Bell Buoy DTS</i>	47 12 09 N 122 36 25 W	FI (2) W 5s		5	Black and red bands with two black spherical topmarks.	
17267	Steilacoom South Mooring Buoy	47 11 36 N 122 35 06 W				White and blue buoy.	Private aid.
17270	EAGLE ISLAND LIGHT 1	47 11 20 N 122 41 45 W	FI G 4s	18	5	SG on skeleton tower.	
17275	<i>Eagle Island Reef Lighted Buoy 3</i>	47 11 26 N 122 42 01 W	FI G 2.5s		3	Green.	Ra ref.
17280	DRAYTON PASSAGE LIGHT 2	47 10 42 N 122 44 36 W	FI R 4s	20	4	TR on dolphin.	
	Carr Inlet						
17295	Wyckoff Shoal Buoy 1	47 14 30 N 122 42 54 W				Green can.	
17296	Wyckoff Shoal Buoy 3	47 14 24 N 122 43 00 W				Green can.	
17297	Pitt Passage North Shoal Daybeacon 4	47 13 29 N 122 42 49 W				TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
17298	Pitt Passage Rocks Daybeacon	47 13 06 N 122 43 00 W				NW on pile worded DANGER SHOAL.	
17299	Pitt Passage Buoy 6	47 13 00 N 122 43 00 W				Red nun.	
17305	Kopachuck State Park Buoy Marks fish haven.	47 18 36 N 122 41 24 W				Orange and white bands.	Private aid.
17315	Henderson Bay Warning Buoys (2)	47 22 58 N 122 37 41 W				White cans with orange bands worded DANGER OVERHEAD LINES.	Private aids.
17330	VON GELDERN COVE LIGHT	47 16 18 N 122 45 24 W	FI Y 8s	22		On steel pile.	Private aid.
Nisqually Reach							
17345	Tolmie Beach State Park Buoy Marks fish haven.	47 07 30 N 122 46 12 W				Orange and white bands.	Private aid.
17346	<i>Oro Bay Lighted Buoy 2</i>	47 08 18 N 122 42 06 W	FI R 2s			Red.	Private aid.
17347	<i>Oro Bay Lighted Buoy 3</i>	47 08 18 N 122 42 12 W	FI G 2s			Green.	Private aid.
17348	<i>Oro Bay Lighted Buoy 4</i>	47 08 18 N 122 41 42 W	FI R 2s			Red.	Private aid.
17350	<i>Nisqually Flats Lighted Buoy 1</i>	47 06 43 N 122 41 54 W	FI G 2.5s		4	Green.	
17355	LYLE POINT LIGHT 2	47 07 24 N 122 42 00 W	FI R 4s	15	5	TR on dolphin.	
17360	<i>Nisqually Flats Lighted Buoy 3</i>	47 07 20 N 122 45 06 W	FI G 4s		5	Green.	
17365	DEVILS HEAD LIGHT 4	47 10 00 N 122 45 54 W	FI R 6s	16	4	TR on dolphin.	
17370	JOHNSON POINT LIGHT 5	47 10 42 N 122 48 52 W	FI G 6s	22	6	SG on pile.	
Dana Passage							
17375	ALLYN DOCK LIGHT	47 23 00 N 122 49 30 W	F Y	14		On float at end of dock.	Private aid.
17390	ITSAMI LEDGE LIGHT 7	47 10 36 N 122 50 12 W	FI G 4s	20	5	SG on dolphin.	
17395	BRISCO POINT LIGHT 8		FI R 4s	40	4	TR on pile structure.	Light obscured from 170° to 238.5°.
17397	Boston Harbor Regulatory Buoys (7)	47 08 42 N 122 54 21 W				Orange and white buoys.	Private aid.
17400	DOFFLEMYER POINT LIGHT	47 08 29 N 122 54 29 W	Iso W 6s	30	8	White pyramidal tower.	
Olympia Harbor							
17405	OLYMPIA SHOAL LIGHT	47 05 31 N 122 55 12 W	Q W	25	6	NB on skeleton tower.	
17410	WEST OLYMPIA SHOAL LIGHT 1	47 05 30 N 122 55 30 W	FI G 4s	21	4	SG on dolphin.	
17415	BUDD INLET LIGHT 2	47 05 30 N 122 55 48 W	FI R 4s	15	4	TR on dolphin.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
17420	OLYMPIA ENTRANCE LIGHT 3	47 05 06 N 122 55 36 W	FI G 2.5s	22	4	SG on white platform on dolphin.	
17425	<i>Olympia Entrance Lighted Buoy 2A</i>	47 05 06 N 122 55 48 W	FI R 2.5s		3	Red.	
17430	- RANGE FRONT LIGHT	47 03 54 N 122 54 24 W	Q G	15		KRB on dolphin.	Visible all around; higher intensity on rangeline.
17435	- RANGE REAR LIGHT 325 yards, 144.6° from front light.	47 03 44 N 122 54 17 W	Iso G 6s	40		KRB on skeleton tower.	Visible all around, higher intensity on rangeline.
17440	OLYMPIA CHANNEL LIGHT 5	47 04 31 N 122 54 57 W	FI G 4s	17	5	SG on pile structure.	
17445	<i>Olympia Channel Lighted Buoy 4</i>	47 04 24 N 122 55 00 W	FI R 6s		3	Red.	
17450	<i>Olympia Channel Lighted Buoy 6</i>	47 03 57 N 122 54 35 W	FI R 2.5s		3	Red.	
East Bay							
17455	EAST BAY JUNCTION LIGHT 40 feet outside channel limit.	47 03 57 N 122 54 28 W	FI (2+1) G 6s	30	3	JG on pile.	
17460	- LIGHT 1 40 feet outside channel limit.	47 03 42 N 122 53 54 W	FI G 2.5s	28	3	SG on pile.	
17465	- LIGHT 2 40 feet outside channel limit.	47 03 42 N 122 53 58 W	FI R 2.5s	28	3	TR on pile.	
17470	- Daybeacon 3 40 feet outside channel limit.					SG on pile.	
17475	- LIGHT 4	47 03 32 N 122 53 49 W	FI R 4s	9	3	TR on platform.	
17477	OLYMPIA HARBOR EAST BAY LIGHT 5	47 03 20 N 122 53 46 W	FI G 4s	20		SG on steel pile.	Private aid.
17478	OLYMPIA HARBOR EAST BAY LIGHT 7	47 03 16 N 122 53 44 W	FI G 2.5s	20		SG on steel pile.	Private aid.
17479	OLYMPIA HARBOR EAST BAY LIGHT 9	47 03 13 N 122 53 43 W	FI G 6s	20		SG on steel pile.	Private aid.
Olympia Harbor							
17480	OLYMPIA INNER RANGE FRONT LIGHT	47 04 06 N 122 54 30 W	Q W	14	6	KRB on dolphin.	Visible all around. Higher intensity on rangeline.
17485	OLYMPIA INNER RANGE REAR LIGHT 235 yards, 354° from front light.	47 04 11 N 122 54 32 W	Iso W 6s	23		KRB on dolphin.	Visible all around, higher intensity on rangeline.
17490	<i>Olympia Channel Lighted Buoy 8</i>	47 03 54 N 122 54 30 W	FI R 4s		3	Red.	
17495	Olympia Channel Buoy 10	47 03 35 N 122 54 29 W				Red nun.	
Olympia Turning Basin							
17500	- Buoy 12	47 03 26 N 122 54 31 W				Red nun.	
17505	- Buoy 14	47 03 19 N 122 54 33 W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
17510	- Buoy 16	47 03 06 N 122 54 31 W				Red nun.	
17515	- Buoy 18	47 03 05 N 122 54 27 W				Red nun.	
PUGET SOUND - Northern Part (Chart 18441)							
Port Townsend and Oak Bay							
17520 16490	<i>Point Hudson Spit Lighted Bell Buoy 2</i>	48 07 27 N 122 44 40 W	FI R 4s		4	Red.	
17525 16495	POINT HUDSON LIGHT 4	48 07 02 N 122 44 57 W	FI R 2.5s	35	5	TR on skeleton tower.	
17535	POINT HUDSON MARINA LIGHT	48 06 54 N 122 44 54 W	F Y	24		On pile.	Private aid.
Port Townsend							
17540	- FERRY DOCK LIGHTS (2)	48 06 30 N 122 45 54 W	FI Y 10s				Private aids.
17545	PORT TOWNSEND BREAKWATER LIGHT 1	48 06 26 N 122 46 19 W	FI G 4s	15	4	SG on tower.	
17550	PORT TOWNSEND BREAKWATER LIGHT 2	48 06 27 N 122 46 19 W	FI R 4s	15	3	TR on steel tower.	
17551	- <i>Outfall Lighted Buoy</i>	48 05 24 N 122 47 36 W	FI Y 6s			Yellow.	Private aid.
17555	- PAPER DOCK LIGHT A	48 05 36 N 122 47 30 W	F Y	30		On post on building.	Visible from 168° to 348°. Private aid. HORN: 1 blast ev 19s (2s bl).
17557	- PAPER DOCK LIGHT B	48 05 36 N 122 47 30 W	F Y	30		On post on building.	Private aid.
17562	ISLAND DOCK LIGHT A	48 05 36 N 122 47 36 W	F Y	25		On post on dock corner.	Private aid.
17563	ISLAND DOCK LIGHT B	48 05 36 N 122 47 36 W	F Y	25		On post on dock corner.	Private aid.
17564	- <i>Lighted Buoy 1</i>	48 04 59 N 122 44 54 W	FI G 2.5s		3	Green can.	
17565	KALA POINT LIGHT 2	48 03 28 N 122 46 01 W	FI R 4s	25	4	TR on skeleton tower.	
17566	PORT HADLOCK MARINA LIGHT "A"	48 01 53 N 122 44 46 W	FI Y 6s	8	2	Private aid.	On floating breakwater.
17567	PORT HADLOCK MARINA LIGHT "B"	48 01 53 N 122 44 37 W	FI Y 6s	8	2	On floating breakwater.	Private aid.
17570	- Canal Daybeacon 3	48 02 04 N 122 44 01 W				SG on skeleton tower.	
17575	PORT TOWNSEND CANAL LIGHT 4	48 01 58 N 122 44 02 W	FI R 4s	15	4	TR on skeleton tower.	
17580	- Canal Daybeacon 7	48 01 26 N 122 43 24 W				SG on dolphin.	Ra ref.
17585	- CANAL LIGHT 6	48 01 26 N 122 43 29 W	FI R 4s	13	3	TR on steel tower.	
17590	Oak Bay Buoy 2	48 00 12 N 122 41 36 W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
Kilisut Harbor							
17595	- Buoy 2	48 04 49 N 122 44 33 W				Red nun.	
17600	- Buoy 3	48 04 56 N 122 44 22 W				Green can.	
17605	- Buoy 5	48 05 02 N 122 44 09 W				Green can.	
17610	- Daybeacon 6	48 05 14 N 122 43 59 W				TR on pile.	Ra ref.
17615	- Daybeacon 8	48 05 24 N 122 43 53 W				TR on pile.	Ra ref.
17620	- Daybeacon 9	48 05 33 N 122 43 39 W				SG on pile.	Ra ref.
17625	- Daybeacon 10	48 05 28 N 122 43 17 W				TR on pile.	Ra ref.
17630	- Daybeacon 12					TR on pile.	Ra ref.
17635	- Daybeacon 13	48 04 45 N 122 43 22 W				SG on pile.	Ra ref.
17640	- Daybeacon 15					SG on pile.	Ra ref.
17645	- Daybeacon 16	48 04 33 N 122 43 11 W				TR on pile.	Ra ref.
17650	- Daybeacon 17	48 04 34 N 122 42 50 W				SG on pile.	Ra ref.
Mats Mats Bay							
17655	<i>Klas Rocks Isolated Danger Lighted Bell Buoy DK</i>	47 57 43 N 122 40 13 W	FI (2) W 5s		5	Balck and red bands with two black spherical topmarks.	
17665	- CHANNEL LIGHT 3	47 57 42 N 122 40 54 W	FI G 4s	15	4	SG on pile.	
17670	- CHANNEL LIGHT 5	47 57 42 N 122 41 04 W	Q G	10	4	SG on steel tower.	
17675	- RANGE FRONT LIGHT	47 57 42 N 122 41 06 W	Q R	17		KRB on tower.	
17680	- RANGE REAR LIGHT 63 yards, 261.3° from front light.		Iso R 6s	28		KRB on skeleton tower.	
17690	- CHANNEL LIGHT 7	47 57 21 N 122 41 10 W	FI G 4s	25	3	SG on skeleton tower.	
17695	- Buoy 8	47 57 24 N 122 41 12 W				Red nun.	
Hood Canal							
17700 16515	COLVOS ROCKS LIGHT	47 57 07 N 122 40 16 W	FI W 4s	34	4	NW on skeleton tower worded DANGER ROCK.	
17705	Port Ludlow Buoy 2 Marks southerly limit of Colvos Rocks.	47 56 40 N 122 39 31 W				Red nun.	
17710	PORT LUDLOW LIGHT 4	47 55 16 N 122 40 55 W	Q R	15	3	TR on dolphin.	
17713	Port Ludlow Marina Buoy	47 55 18 N 122 41 00 W				Red nun.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
17714	PORT LUDLOW MARINA LIGHTS (3)	47 55 19 N 122 41 08 W	F Y	7		On floating pier.	Private aids.
17715	MEYDENBAUER YACHT CLUB MOORING PIER LIGHT	47 55 00 N 122 41 24 W	F Y	8			Private aid.
17720	TALA POINT JUNCTION LIGHT	47 55 56 N 122 39 27 W	FI (2+1) R 6s	15	5	JR on dolphin.	
17725	FOUL WEATHER BLUFF LIGHT 1	47 55 55 N 122 37 18 W	FI G 4s	21	5	SG on multi-pile structure.	Obscured from 202° to 328.5°. Ra ref.
17728	Hood Canal Research Buoy C	47 54 26 N 122 37 37 W	FI (5) Y 20s		2	Yellow research buoy.	Private aid.
17730	POINT HANNON LIGHT 2	47 53 18 N 122 36 36 W	FI R 2.5s	15	4	TR on skeleton tower.	
17731	<i>Mariculture Lighted Buoys (2)</i>	47 53 04 N 122 36 45 W	FI Y 6s			Orange and white; spherical buoys.	Private aids.
17735	PORT GAMBLE RANGE FRONT LIGHT	47 52 47 N 122 34 41 W	Q G	26		KRB on skeleton tower.	Visible 1.5° each side of rangeline.
17740	PORT GAMBLE RANGE REAR LIGHT 300 yards, 001° from front light.		Iso G 6s	40		KRB on skeleton tower.	Visible 1.5° each side of rangeline.
17743	PORT GAMBLE LIGHT 1	47 52 47 N 122 34 41 W	FI G 2.5s	26	4	SG on skeleton tower.	Obscured from 155° to 345°.
17745	PORT GAMBLE LIGHT 3	47 51 44 N 122 34 37 W	FI G 4s	15	4	SG on dolphin.	
17750	PORT GAMBLE INNER LIGHT 5	47 51 33 N 122 34 36 W	FI G 6s	18	5	SG on dolphin.	
17770	SISTERS ROCK LIGHT 4	47 51 30 N 122 38 30 W	FI R 4s	15	5	TR on wooden crib.	
17775	Case Shoal Daybeacon	47 51 35 N 122 40 29 W		12		NW on pile worded DANGER SHOAL.	
17780	CASE SHOAL LIGHT 6	47 50 44 N 122 40 17 W	FI R 2.5s	15	4	TR on pile.	Ra ref.
17785	- LIGHT 7	47 49 32 N 122 38 58 W	FI G 2.5s	15	4	SG on pile.	Ra ref.
17800	- LIGHT 8	47 48 49 N 122 42 52 W	FI R 4s	15	5	TR on dolphin.	
17805	- LIGHT 9	47 48 06 N 122 40 56 W	FI G 4s	15	4	SG on pile structure.	
17808	Bangor Explosive Anchorage Lighted Buoy A	47 46 38 N 122 42 52 W	FI Y 2.5s		5	Yellow.	
17810	<i>Bangor Explosive Anchorage Lighted Buoy B</i>	47 45 27 N 122 43 51 W	FI Y 6s		5	Yellow.	
17815	BANGOR SECURITY BARRIER FLOAT LIGHTS (103)	47 45 03 N 122 44 03 W	Q Y			Gray floating barrier.	Navy maintained. Floating steel barrier system marked by lights. 103 Q Y
17820	- LIGHT 10	47 45 03 N 122 45 19 W	FI R 4s	16	5	TR on multi-pile structure.	
17835	<i>Bangor Explosive Anchorage Lighted Buoy C</i>	47 44 53 N 122 44 20 W	FI Y 6s		5	Yellow.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
17837	Bangor Explosive Anchorage Lighted Buoy D	47 44 15 N 122 44 50 W	FI Y 6s		5	Yellow	
17839	<i>Bangor Explosive Anchorage Lighted Buoy E</i>	47 43 37 N 122 44 53 W	FI Y 2.5s		5	Yellow.	
17840	HAZEL POINT LIGHT	47 41 35 N 122 46 15 W	FI W 4s	15	5	NB on pile.	Ra ref.
17845	- LIGHT 11	47 41 25 N 122 44 50 W	FI G 4s	15	5	SG on dolphin.	Ra ref.
17850	OAK HEAD LIGHT 12	47 40 54 N 122 48 41 W	FI R 4s	15	5	TR on pile.	Ra ref.
17855	- LIGHT 13	47 39 46 N 122 47 14 W	FI G 2.5s	20	4	SG on pile.	Ra ref.
17860	- LIGHT 15	47 39 23 N 122 49 41 W	Q G	15	5	SG on dolphin.	Ra ref.
17865	TSKUTSKO POINT LIGHT	47 41 35 N 122 49 59 W	FI W 4s	15	5	NB on pile.	Ra ref.
17870	DOSEWALLIPS FLATS LIGHT 17	47 41 26 N 122 52 39 W	FI G 4s	15	4	SG on pile.	Ra ref.
Dabob Bay							
17875	PULALI POINT LIGHT	47 44 16 N 122 51 08 W	FI W 4s	35	6	NG on skeleton tower.	Ra ref.
17880	Seal Rock Daybeacon	47 42 53 N 122 53 05 W				NW on pipe worded DANGER ROCKS.	
17890	- NAVY WARNING LIGHTS (2)	47 45 41 N 122 51 02 W	FI R 5s FI Y 5s	15		On building.	FI R 5s lights will be displayed when the area is closed to navigation during naval operations. FI Y 5s lights will be displayed when the area requires caution. When lights are not operational area is clear to transit. U.S. Navy maintained.
17895	QUILCENE BAY LIGHT 2	47 46 45 N 122 51 11 W	FI R 4s	26	4	TR on pile.	Obscured from 170° to 260°. Ra ref.
17897	QUILCENE BAY FISH PEN LIGHT	47 47 19 N 122 51 12 W	FI Y 6s	6		On steel fish pen.	Private aid.
17900	TABOOK POINT LIGHT 18	47 44 41 N 122 48 35 W	FI R 6s	15	4	TR on pile.	Ra ref.
17901	Hood Canal Research Buoy D	47 33 12 N 123 00 00 W	FI(5)Y 20s		2	Yellow research buoy.	Private aid.
17902	Hood Canal Research Buoy A	47 25 20 N 123 06 45 W	FI (5) Y 20s			Yellow reseach buoy.	Prviate aid.
17904	Hood Canal Research Buoy B	47 22 30 N 123 00 30 W	FI (5) Y 20s			Yellow research buoy.	Private aid.
17905	Lynch Cove Dock Lights (2)	47 25 18 N 122 54 00 W	F Y	14			Private aid.
Port Madison and Port Orchard							
17920	Port Madison Regulatory Buoy A	47 42 19 N 122 31 41 W				White can with orange markings.	Private aid.
17925	Treasure Island Shoal Daybeacon 2	47 41 51 N 122 32 08 W				TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
17930	AGATE PASSAGE LIGHT 2	47 43 19 N 122 33 22 W	FI R 4s	20	5	TR on dolphin.	
17940	<i>Agate Passage Lighted Buoy 4</i>	47 42 32 N 122 34 11 W	FI R 4s		3	Red.	
17945	AGATE PASS SALMON PEN LIGHT Marks floating salmon pen.	47 42 18 N 122 34 36 W	FI Y 6s				Private aid.
17950	POINT BOLIN REEF LIGHT 6	47 41 47 N 122 34 33 W	FI R 2.5s	15	4	TR on dolphin.	Ra ref.
17956	Manzanita Bay Regulatory Buoy A	47 40 29 N 122 33 59 W				White with orange markings.	Private aid.
17957	Manzanita Bay Regulatory Buoy B	47 40 12 N 122 34 05 W				White with orange markings.	Private aid.
17958	Manzanita Bay Regulatory Buoy C	47 40 12 N 122 34 00 W				White with orange markings.	Private aid.
17959	Manzanita Bay Regulatory Buoy D	47 39 55 N 122 34 06 W				White with orange markings.	Private aid.
17965	BATTLE POINT LIGHT	47 39 48 N 122 35 37 W	FI W 4s	17	5	NB on pile structure.	
Port of Poulsbo							
17970	LIBERTY BAY LIGHT 2	47 42 27 N 122 37 38 W	FI R 4s		3	TR on pile.	
17975	LIBERTY BAY MARINA LIGHTS (2)	47 43 25 N 122 38 20 W	F R		2	On corner of marina.	Private aids.
17977	Liberty Bay Marina No Wake Buoy	47 43 20 N 122 38 47 W				White can with orange bands and diamond worded NO WAKE.	Private aid.
17980	POULSBO YACHT CLUB BREAKWATER LIGHTS (2)	47 43 36 N 122 38 30 W	F Y			Concrete breakwater.	Private aids.
17985	- BREAKWATER LIGHT A	47 43 55 N 122 38 58 W	FI R 4s	19		On piling.	Private aid.
17990	- BREAKWATER LIGHT B	47 43 50 N 122 38 51 W	FI Y 10s	19		On piling.	Private aid.
17995	- BREAKWATER LIGHT C	47 43 51 N 122 38 46 W	FI Y 10s	19		On piling.	Private aid.
Eagle Harbor							
18000	CREOSOTE LIGHT 1	47 36 59 N 122 29 48 W	FI G 6s	30	4	SG on dolphin.	
18005	- LIGHT 3	47 37 09 N 122 29 52 W	FI G 2.5s	15	5	SG on dolphin.	BELL: 1 stroke ev 10s. Ra ref.
18010	- LIGHT 4	47 37 19 N 122 29 51 W	FI R 4s	15	4	TR on dolphin.	Higher intensity beam down channel. Ra ref.
18012	Wyckoff Regulatory Buoy "A"	47 37 24 N 122 30 02 W				White with orange markings.	Private aid.
18013	Wyckoff Regulatory Buoy "B"	47 37 25 N 122 30 17 W				White with orange markings.	Private aid.
18015	- <i>Sand Spit Lighted Buoy 5</i>	47 37 15 N 122 30 14 W	FI G 4s		4	Green.	
18017	BAINBRIDGE ISLAND BOAT YARD LIGHTS (2)	47 37 04 N 122 30 33 W	FI Y 4s	7		On pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
18020	- MARINA LIGHTS (2)	47 37 02 N 122 30 45 W	F R		4		Private aids.
18021	- <i>Line Mooring System Lighted Buoys (5)</i>	48 37 11 N 122 31 14 W	FI 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 12 N 122 31 03 W				White can with orange markings.	Private aid.
18023	- Regulatory Buoy B	47 37 13 N 122 31 10 W				White can with orange markings.	Private aid.
18024	- Regulatory Buoy C	47 37 11 N 122 31 17 W				White can with orange markings.	Private aid.
18025	- Regulatory Buoy D	47 37 09 N 122 31 25 W				White can with orange markings.	Private aid.
18027	Regulatory Buoy E	47 37 10 N 122 31 34 W				White can with orange markings.	Maintained from May 1 to Sep. 15. Private aid.
18028	Regulatory Buoy J	47 37 25 N 122 31 53 W				White can with orange markings.	Maintained from May 1 to Sep. 15. Private aid.
Rich Passage							
18030	<i>Bainbridge Reef Lighted Buoy 4</i>	47 34 05 N 122 31 08 W	FI R 4s		4	Red.	
18035	ORCHARD POINT LIGHT	47 33 55 N 122 31 56 W	Oc W 4s	34	9	White pyramidal concrete tower.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si).
18040	<i>Orchard Rocks Lighted Buoy 6</i>	47 34 27 N 122 32 02 W	FI R 2.5s		5	Red.	
18045	CLAM BAY FISH PEN LIGHTS (2)	47 34 18 N 122 32 31 W	FI Y 6s	8		On pile.	Private aids.
18049	RICH PASSAGE FISH PEN LIGHTS (2)	47 34 36 N 122 31 36 W	FI Y 6s			On aquaculture facility.	Private aids.
18050	ORCHARD ROCKS FISH PEN LIGHTS (3)	47 34 36 N 122 31 48 W	FI Y 6s			On aquaculture facility.	Private aids.
18055	Orchard Rocks Daybeacon	47 34 39 N 122 31 55 W				JR on pile.	
18065	- <i>Lighted Buoy 8</i>	47 35 36 N 122 32 33 W	FI R 2.5s		5	Red.	
18070	POINT GLOVER LIGHT 9	47 35 25 N 122 33 02 W	Q G	25	6	SG on platform.	HORN: 1 blast ev 30s (3s bl).
18075	POINT WHITE LIGHT 10	47 35 25 N 122 34 03 W	FI R 4s	15	5	TR on dolphin.	Ra ref.
18080	WATERMAN POINT LIGHT 11	47 35 04 N 122 34 13 W	Oc G 4s	26	7	SG on skeleton tower.	HORN: 1 blast ev 15s (2s bl).
Sinclair Inlet							
18085	POINT HERRON LIGHT 12	47 33 56 N 122 36 49 W	FI R 6s	24	5	TR on pile structure.	
18087	PORT ORCHARD MARINA EAST BREAKWATER LIGHT	47 32 42 N 122 38 08 W	FI Y 4s		4	Floating breakwater.	Private aid.
18089	BREMERTON SECURITY BARRIER FLOAT LIGHTS (152)	47 33 07 N 122 38 26 W	Q Y			Gray floating barrier.	Navy maintained. Floating steel barrier system marked by lights. 152 Q Y

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
18090	PORT ORCHARD MARINA ENTRANCE LIGHT 1	47 32 40 N 122 38 22 W	FI G 4s	10		On pile.	Private aid.
18095	PORT ORCHARD MARINA ENTRANCE LIGHT 2	47 32 39 N 122 38 21 W	FI R 4s	5		On pedestal.	Private aid.
18096	PORT ORCHARD YACHT CLUB LIGHT A	47 32 25 N 122 38 49 W	FI Y 10s	7		On breakwater.	Private aid.
18097	PORT ORCHARD YACHT CLUB LIGHT 2	47 32 26 N 122 38 45 W	FI R 10s	7		On breakwater.	Private aid.
18098	PORT ORCHARD YACHT CLUB LIGHT 3	47 32 26 N 122 38 45 W	FI G 10s	7		On breakwater.	Private aid.
18099	PORT ORCHARD YACHT CLUB LIGHT D	47 32 27 N 122 38 43 W	FI Y 10s	7		On breakwater.	Private aid.
18105	BASS POINT LIGHT	47 35 41 N 122 39 41 W	F Y	5		On pile structure.	Private aid.
LAKE WASHINGTON SHIP CANAL (Chart 18447)							
Shilshole Bay							
18110 16785	<i>Shilshole Bay Approach Lighted Buoy</i>	47 40 55 N 122 25 08 W	Mo (A) W		3	Red and white stripes with red spherical topmark.	
18115	- ENTRANCE RANGE FRONT LIGHT	47 40 00 N 122 24 11 W	Q R	20		KRW on dolphin.	Visible 4° each side of rangeline.
18120	- ENTRANCE RANGE REAR LIGHT 250 yards, 146° from front light.		Iso R 6s	81		KRW on skeleton tower.	Visible 4° each side of rangeline.
18125	- Entrance Buoy 1	47 40 46 N 122 24 54 W				Green can.	
18130	- Entrance Buoy 2	47 40 39 N 122 24 57 W				Red nun.	
18131	<i>NOAA Research Lighted Float SB</i>	47 40 55 N 122 24 46 W	FI Y 4s			Gray and yellow. 10 feet above the waters surface.	
18135	- Channel Buoy 4	47 40 34 N 122 24 48 W				Red nun.	
18140 16790	- BREAKWATER LIGHT 3	47 40 38 N 122 24 43 W	FI G 2.5s	29	5	SG on jetty.	
18145	- Channel Buoy 6	47 40 25 N 122 24 38 W				Red nun.	
18150	- Channel Buoy 7	47 40 26 N 122 24 35 W				Green can.	
18155	- INNER LIGHT 8	47 40 17 N 122 24 31 W	FI R 4s	15	3	TR on dolphin.	
18160	- Channel Buoy 10	47 40 05 N 122 24 22 W				Red nun.	
18165	LOWER GUIDE WALL LIGHT	47 40 07 N 122 24 15 W	F Y	8		On pile structure.	Maintained by U.S. Army Corps of Engineers.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
18170	LAKE WASHINGTON SHIP CANAL SIGNALS	47 40 03 N 122 24 09 W	F R (See Remarks) F G	10			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.
Hiram M. Chittenden Locks to Lake Washington							
18175	UPPER GUIDE WALL LIGHT	47 39 53 N 122 23 28 W	F Y	14		On pile structure.	Maintained by U.S. Army Corps of Engineers.
Lake Union							
18185	- Test Area Lighted Buoy A	47 38 23 N 122 20 15 W	FI Y 2.5s			Yellow.	Marks rectangular test area. Private aid.
18190	- Test Area Lighted Buoy B	47 38 23 N 122 19 56 W	FI Y 2.5s			Yellow.	Marks rectangular test area. Private aid.
18195	- Test Area Lighted Buoy C	47 38 26 N 122 19 52 W	FI Y 2.5s			Yellow.	Marks rectangular test area. Private aid.
18200	- Test Area Lighted Buoy D	47 38 26 N 122 20 15 W	FI Y 2.5s			Yellow.	Marks rectangular test area. Private aid.
18205	- <i>Lighted Buoy 11</i>	47 38 37 N 122 20 01 W	FI G 6s		3	Green.	
18210	- Shoal Buoy 2	47 37 48 N 122 20 12 W				Red nun.	
18212	NATIONAL OCEAN SERVICE PIER A LIGHTS (2)	47 38 08 N 122 19 48 W	F Y	13		On end of pier.	Private aids.
18213	NATIONAL OCEAN SERVICE PIER B LIGHTS (2)	47 38 10 N 122 19 47 W	F Y	13		On end of pier.	Private aids.
18215	NATIONAL OCEAN SERVICE DOLPHIN LIGHT	47 38 12 N 122 19 51 W	F Y	15		Dolphin.	Private aid.
18220	FLO VILLA LIGHTS (2)	47 38 20 N 122 19 47 W	F R	10		Dolphin.	Private aids.
18225	- Channel Buoy 12	47 39 09 N 122 19 23 W				Red nun.	
Union Bay Channel							
18245	- Buoy 15	47 38 51 N 122 17 53 W				Green can.	
18250	- Buoy 16	47 38 49 N 122 17 53 W				Red nun.	
18255	- Buoy 17	47 38 51 N 122 17 25 W				Green can.	
18260	- Buoy 18	47 38 49 N 122 16 53 W				Red nun.	
18265	- Buoy 19	47 38 51 N 122 16 51 W				Green can.	
Lake Washington							
18270	WEBSTER POINT LIGHT 21	47 38 51 N 122 16 34 W	FI G 4s	19	5	SG on white house on pile structure.	Light obscured from 121° to 199°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
18280	Juanita Bay Shoal Daybeacon	47 41 49 N 122 13 02 W				NW on pile worded DANGER SHOAL.	
18290	NOAA PIER CLEARANCE LIGHTS (2)	47 41 18 N 122 15 30 W	F R	20		On northwest and northeast corners of pier.	Private aids.
18293	GLACIER NORTHWEST BARGE MOORING BUOY A	47 45 06 N 122 15 54 W					Private aid.
18295	<i>Kenmore Channel Lighted Buoy 2</i>	47 45 08 N 122 15 47 W	FI R 2.5s		3	Red.	
18300	<i>Kenmore Channel Lighted Buoy 4</i>	47 45 14 N 122 15 40 W	FI R 4s		3	Red.	
18301	CARILLON POINT MARINA NORTH ENTRANCE LIGHT	47 39 23 N 122 12 33 W	FI Y 4s	5		On breakwater.	Private aid.
18302	<i>Carillon Point Marina Lighted Regulatory Buoy</i>	47 39 20 N 122 12 34 W	FI W 4s			White can with orange markings.	Private aid.
18303	CARILLON POINT MARINA SOUTH ENTRANCE LIGHT	47 39 17 N 122 12 33 W	FI Y 4s	5		On breakwater.	Private aid.
18375	BELLEVUE MARINA DOCK LIGHTS (8)	47 36 36 N 122 12 30 W	F Y	4		On end of piers.	Private aids.
18378	CICH'S PIER LIGHT	47 36 36 N 122 12 36 W	F Y	6		On dolphin.	Private aid.
18380	MEYDENBAUER BAY YACHT CLUB LIGHTS (6)	47 36 30 N 122 12 30 W	F R F G	10			Red light on left end and green light on right end of each pier as seen from the bay. Private aids.
18385	SOUTH LESCHI BREAKWATER LIGHTS (6)	47 36 06 N 122 16 54 W	F R	10		On dolphins.	Private aids.
18387	NORTH LESCHI BREAKWATER LIGHTS (4)	47 36 18 N 122 16 48 W	F R	10		On dolphins.	Private aids.
18390	Andrews Bay Daybeacon	47 33 45 N 122 15 54 W				NW on pile worded DANGER SUBMERGED ROCKS.	
PUGET SOUND - Seattle to Olympia (Chart 18448)							
Squaxin Passage							
18400	HUNTER POINT LIGHT 1	47 10 26 N 122 55 10 W	FI G 4s	14	4	SG on tower.	
18405	- Reef Buoy 2	47 10 43 N 122 55 21 W				Red nun.	
Totten Inlet							
18410	Totten Inlet Aquaculture Lights (2)	47 07 40 N 123 01 01 W	FI Y 6s	3		On floating fish pen.	
Squaxin Passage							
18412	<i>Kamilche Sea Farm Lighted Buoy A</i>	47 07 29 N 123 01 16 W	Q Y			Yellow.	Private aid.
Totten Inlet							
18414	- MUSSEL RAFT LIGHTS (2)	47 08 48 N 122 58 30 W	FI Y 4s	3		On floating raft.	Private aids.
Squaxin Passage							
18415	Totten Inlet Daybeacon 1	47 11 18 N 122 56 36 W				SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
Hammersley Inlet							
18426	HUNGERFORD POINT LIGHT 2	47 12 18 N 122 56 12 W	FI R 4s		3	TR on pile structure.	
18435	LIBBY POINT LIGHT 4	47 12 06 N 122 59 18 W	FI R 4s	18	4		
18440	CHURCH POINT LIGHT 6	47 12 28 N 123 00 46 W	FI R 6s	20	4	TR on skeleton tower.	
18450	PEALE PASSAGE FISH PEN LIGHTS (2)	47 11 42 N 122 54 12 W	FI Y 6s				Private aids.
18452	SQUAXIN ISLAND FISH PEN LIGHTS (2)	47 12 00 N 122 54 12 W	FI Y 6s	4		Aquaculture facility.	Private aid.
PUGET SOUND - Northern Part (Chart 18441)							
Possession Sound							
18455 16560	<i>Possession Point Lighted Bell Buoy 1</i>	47 53 49 N 122 23 07 W	FI G 4s		5	Green.	
18460	Mukilteo Light	47 56 55 N 122 18 22 W	FI W 5s	33	14		Emergency light: Iso W 6s. HORN: 1 blast ev 30s (3s bl).
18465	MUKILTOE FERRY DOLPHIN LIGHT	47 57 00 N 122 18 06 W	FI Y 10s	16		On floating dolphin.	Private aid.
18466	EVERETT RAIL DOCK LIGHT A	47 57 16 N 122 17 19 W	FI Y 6s	20	2	Cement dock.	Private aid.
18467	EVERETT RAIL DOCK LIGHT B	47 57 16 N 122 17 18 W	FI Y 6s	20	2	Cement dock.	Private aid.
18468	Clinton Shoal Buoy	47 58 36 N 122 20 54 W				White and orange bands, spherical.	Private aid.
18480	Gedney Island Buoy 1	48 00 15 N 122 17 46 W				Green can.	
18489	HAT ISLAND MARINA BREAKWATER LIGHT 1	48 01 12 N 122 19 17 W	F G	8		On pile structure.	Private aid.
18490	HAT ISLAND MARINA BREAKWATER LIGHT 2	48 01 12 N 122 19 12 W	F R	8		On pile structure.	Private aid.
Port Gardner							
18495	STEAMBOAT FLATS LIGHT	48 00 56 N 122 16 14 W	FI W 2.5s	29	6	NB on pile structure.	Ra ref.
18500	<i>- Lighted Bell Buoy 1</i>	47 59 23 N 122 15 06 W	FI G 4s		5	Green.	
18505	<i>- Anchorage Obstruction Lighted Buoy AO</i>	47 58 57 N 122 14 47 W	FI Y 4s		5	Yellow.	
18506	-NAVY LOG BOOM LIGHT A	47 58 51 N 122 14 03 W	Q Y	5		On log boom.	Navy Maintained.
18507	-NAVY LOG BOOM LIGHT B	47 58 47 N 122 13 51 W	Q Y	5		On log boom.	Navy Maintained.
18508	NAVY LOG BOOM LIGHT C	47 58 45 N 122 13 46 W	Q Y	5		On log boom.	Navy Maintained.
18509	NAVY LOG BOOM LIGHT D	47 58 59 N 122 13 32 W	Q Y	5		On log boom.	Navy Maintained.

(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)							
Snohomish River							
18520	- Lighted Buoy 3	47 58 57 N 122 14 03 W	FI G 2.5s		4	Green.	
18535	SNOHOMISH RIVER LIGHT 5	47 59 17 N 122 13 48 W	FI G 4s	16	5	SG on multi-pile.	
18540	NAVSTA PIER LIGHT A	47 59 29 N 122 13 27 W	F R	9		On northwest and southwest corner of pier.	Private aids.
18541	NAVSTA PIER LIGHT B	47 59 41 N 122 13 25 W	F R	9		On corner of pier.	Private aid.
18545	Anthony's Lighthouse	47 59 42 N 122 13 24 W	FI W 2.5s	60	10	Red and white wooden building.	Private aid.
18547	PORT OF EVERETT JETTY ISLAND LIGHT A	48 00 14 N 122 13 35 W	FI Y 4s	20		On pile.	Private aid.
18548	PORT OF EVERETT JETTY ISLAND LIGHT B	48 00 13 N 122 13 35 W	FI Y 4s	4		On float.	Private aid.
18549	PORT OF EVERETT JETTY ISLAND LIGHT C	48 00 11 N 122 13 35 W	FI Y 4s	4		On float.	Private aid.
18550	- RANGE FRONT LIGHT	48 00 55 N 122 13 28 W	Q G	17		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
18555	- RANGE REAR LIGHT 339 yards, 002.5° from front light.	48 01 05 N 122 13 27 W	Iso G 6s	40		KRB on same structure as Snohomish River Range C Rear Daybeacon.	Visible 14° either side of range line.
18560	- Range A Front Daybeacon	48 00 36 N 122 13 36 W				KRB on skeleton tower.	
18565	- Range A Rear Daybeacon 79 yards, 213.7° from front daybeacon.					KRB on skeleton tower.	
18570	- Range B Front Daybeacon	48 00 54 N 122 13 30 W				KRB on skeleton tower.	
18575	- Range B Rear Daybeacon 233 yards, 236.1° from front daybeacon.					KRB on skeleton tower.	
18580	- Range C Front Daybeacon	48 01 06 N 122 13 18 W				KRB on skeleton tower.	
18585	- Range C Rear Daybeacon 267 yards, 255.1° from front daybeacon.					KRB on multi-pile structure. On same structure as Snohomish River Range Rear Light.	
18586	- Buoy 7	48 01 10 N 122 12 56 W				Green can.	
18590	- CHANNEL LIGHT 8	48 01 07 N 122 12 48 W	FI R 4s	15	5	TR on pile.	
Saratoga Passage							
18595	Tulalip Bay Buoy 2	48 03 15 N 122 17 44 W				Red nun.	
18598	TULALIP TRIBES BREAKWATER LIGHT A	48 03 42 N 122 16 48 W	FI Y 2s	13		On breakwater.	Private aid.
18605	Camano Head Buoy 1 Marks submerged rocks.	48 03 01 N 122 21 16 W				Green can.	
18610	SANDY POINT LIGHT 1	48 02 03 N 122 22 35 W	FI G 4s	24	4	SG on cassin.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
Langley Breakwater							
18611	- LIGHT A	48 02 20 N 122 24 08 W	F Y	20		On pile breakwater.	Private aid.
18612	- LIGHT B	48 02 21 N 122 24 06 W	F Y	20		On pile breakwater.	Private aid.
18613	- LIGHT C	48 02 19 N 122 24 04 W	F Y	20		On pile breakwater.	Private aid.
18614	- LIGHT D	48 02 18 N 122 24 05 W	F R	20		On pile breakwater.	Private aid.
18615	Holmes Harbor Buoy 1	48 06 12 N 122 31 56 W				Green can.	
Saratoga Passage							
18620	EAST POINT LIGHT 3	48 05 49 N 122 29 29 W	FI G 6s	21	6	SG on steel tower.	
18625	- LIGHT 4	48 07 58 N 122 30 40 W	FI R 4s	15	5	TR on tower.	
18630	ONAMAC POINT LIGHT 6	48 11 01 N 122 32 12 W	FI R 6s	15	5	TR on platform.	
18633	Snatelum Point Buoy 1 Marks shoal off point.	48 13 45 N 122 37 17 W				Green can.	
18645	PENN COVE MUSSEL RAFT LIGHTS (8)	48 13 00 N 122 42 06 W	FI Y 6s			On aquaculture facility.	Private aids.
18670	ROLLING HILLS PIER LIGHT	48 14 12 N 122 42 30 W	FI Y 5s	16		On end of pier.	Private aid.
Oak Harbor							
18675	- <i>Lighted Buoy 2</i>	48 15 26 N 122 37 42 W	FI R 4s		3	Red.	
18680	- Daybeacon 4					TR on pile.	
18690	<i>Oak Harbor Shoal Lighted Buoy 5</i>	48 16 05 N 122 38 38 W	FI G 4s		5	Green.	Marks shoal.
18695	- Buoy 7	48 16 19 N 122 38 51 W				Green can.	
18700	<i>Oak Harbor Lighted Buoy 8</i>	48 16 24 N 122 38 46 W	FI R 6s		3	Red.	
18705	- Daybeacon 10					TR on pile.	
18710	- LIGHT 11		FI G 6s	15	5	SG on dolphin.	
18715	- LIGHT 12	48 16 53 N 122 38 44 W	FI R 2.5s	22	4	TR on dolphin.	
18724	- NORTH ENTRANCE LIGHT 1	48 17 09 N 122 38 13 W	FI G 6s	8		On pile.	Private aid.
Oak Harbor Marina							
18725	- NORTH ENTRANCE LIGHT 2	48 17 09 N 122 38 11 W	FI R 6s	8		On breakwater.	Private aid.
18727	- North Entrance Dabeacon 3	48 17 07 N 122 38 11 W				SG on dolphin.	Private aid.
18730	- BREAKWATER LIGHT	48 17 07 N 122 38 11 W	FI Y 6s	8		On breakwater.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
18735	- SOUTH ENTRANCE LIGHT 1	48 17 02 N 122 38 10 W	FI G 6s	8	On breakwater.		Private aid.
18736	- SOUTH ENTRANCE LIGHT 2	48 17 01 N 122 38 09 W	FI R 6s	8	On breakwater.		Private aid.
Oak Harbor							
18750	CRESCENT HARBOR NAVY PIER LIGHT	48 17 06 N 122 37 05 W	FI Y 6s	40	On end of pier.		Private aid.

Section 14

Strait of Juan de Fuca to Strait of Georgia Including San Juan Islands, Haro Strait, Rosario Strait, Boundary Bay, Bellingham Bay, and Fort Peck Lake, MT

(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 N 122 30 17 W				Red nun.	
18760	STRAWBERRY POINT LIGHT 3	48 18 00 N 122 30 12 W	FI G 4s	17	5	SG on dolphin.	
18765	- Lighted Buoy 4	48 18 08 N 122 29 06 W	FI R 4s		4	Red.	
18770	- Buoy 6	48 19 30 N 122 30 42 W				Red nun.	
18771	- Buoy 8	48 19 56 N 122 31 23 W				Red nun.	
18775	- Lighted Buoy 10	48 20 24 N 122 32 05 W	FI R 4s		4	Red.	
18780	- Buoy 12	48 21 07 N 122 32 59 W				Red nun.	
Swinomish Channel South Entrance							
18785	- Buoy 1	48 21 42 N 122 33 21 W				Green can.	
18790	- Lighted Buoy 2	48 21 36 N 122 33 13 W	FI R 2.5s		4	Red.	
18795	- Buoy 4	48 21 42 N 122 33 06 W				Red nun.	
18800	- Buoy 5	48 21 47 N 122 33 04 W				Green can.	
18803	- Daybeacon 6 60 feet outside channel limit.	48 21 44 N 122 33 00 W				TR on pile.	
18805	- Daybeacon 8 60 feet outside channel limit.					TR on pile.	
18810	- Daybeacon 10 60 feet outside channel limit.					TR on pile.	
18815	- LIGHT 11		FI G 4s	10	4	SG on white platform on dolphin.	Obscured from 072° to 255°.
18817	- Daybeacon 14	48 22 03 N 122 31 32 W				TR on dolphin.	
18820	- RANGE FRONT LIGHT	48 21 30 N 122 34 06 W	Q W	16		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
18825	- RANGE REAR LIGHT 1,100 yards, 252° from front light.		Iso W 6s	50		KRW on skeleton tower.	Visible 4° each side of rangeline.
18826	- Daybeacon 13	48 22 02 N 122 31 51 W				SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
18828	- Buoy 15	48 22 08 N 122 31 21 W				Green can.	
18829	Swinomish Channel South Entrance Daybeacon "16"	48 22 13 N 122 30 38 W				TR on pile.	
18830	- Light 17	48 22 17 N 122 30 38 W	Q G	15	3	SG on house on concrete crib.	
18835	SWINOMISH CHANNEL SOUTH ENTRANCE LIGHT 18	48 22 29 N 122 30 35 W	Q R	15	3	TR on platform.	
18840	SWINOMISH CHANNEL SOUTH ENTRANCE LIGHT 20	48 22 59 N 122 30 23 W	FI R 4s	15	3	TR on dolphin.	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates year round.
18842	LACONNER MARINA SOUTH BASIN LIGHT	48 23 46 N 122 29 47 W	F R	11		On pile structure.	Private aid.
18845	LA CONNER MARINA NORTH BASIN LIGHT	48 24 02 N 122 29 42 W	F R	8		On pile structure.	Private aid.
18860	- Buoy 22	48 25 12 N 122 30 02 W				Red nun.	
18865	- Buoy 23 Marks rocks	48 25 15 N 122 30 05 W				Green can.	
18870	- LIGHT 25	48 25 26 N 122 30 08 W	FI G 4s	27	4	SG on dolphin.	
18875	- Buoy 26	48 25 31 N 122 30 03 W				Red nun.	
Skagit Bay							
18880	SEAL ROCKS LIGHT 14	48 22 26 N 122 33 48 W	FI R 4s	20	4	TR on tower.	
18885	HOPE ISLAND LIGHT 16	48 23 45 N 122 34 43 W	FI R 2.5s	23	4	TR on skeleton tower.	
18888	HOPE ISLAND FISH PEN LIGHT (2)	48 24 24 N 122 33 36 W	FI Y 6s	5		On aquaculture facility.	Private aid.
Deception Pass							
18890	BEN URE ISLAND LIGHT 2	48 24 16 N 122 37 43 W	FI R 4s	15	4	TR on tower.	
18895	- LIGHT 1	48 24 29 N 122 39 24 W	FI G 4s	50	6	SG on white cylindrical house on skeleton tower.	
Cornet Bay							
18900	CORNET BAY LIGHT 1	48 24 02 N 122 37 35 W	FI G 4s			SG on pile.	Private aid.
18905	CORNET BAY LIGHT 2	48 24 02 N 122 37 38 W	FI R 4s			TR on pile.	Private aid.
18915	- Daybeacon 3	48 24 00 N 122 37 36 W				SG on pile.	Private aid.
18920	- Daybeacon 4	48 24 01 N 122 37 38 W				TR on pile.	Private aid.
18925	- Daybeacon 5	48 24 00 N 122 37 38 W				SG on pile.	Private aid.
18930	- Daybeacon 6	48 23 59 N 122 37 38 W				TR on pile.	Private aid.
18935	- Daybeacon 7	48 23 57 N 122 37 38 W				SG on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
18940	- Daybeacon 8	48 23 57 N 122 37 39 W				TR on pile.	Private aid.
	Guemes Channel						
18945	- <i>Lighted Buoy 2</i>	48 30 40 N 122 41 55 W	FI R 2.5s		4	Red.	Ra ref.
18948	ANACORTES FERRY BREAKWATER LIGHT	48 31 12 N 122 37 24 W	FI R 4s	14		On breakwater.	Private aid.
18955	ANACORTES FERRY TERMINAL LIGHTS (2)	48 30 30 N 122 40 30 W	FI Y 10s	12		On dolphin.	Private aid.
18960	SHANNON POINT LIGHT	48 30 35 N 122 41 02 W	FI W 4s	15	6	NB on dolphin.	HORN: 1 blast ev 30s (3s bl). Operates continuously. Ra ref.
18965	- <i>Lighted Buoy 3</i>	48 31 18 N 122 39 23 W	FI G 2.5s		5	Green.	
18970	- <i>Lighted Buoy 4</i>	48 31 10 N 122 39 11 W	FI R 4s		5	Red.	
18975	- <i>Lighted Buoy 5</i>	48 31 24 N 122 38 27 W	FI G 4s		5	Green.	
18985	ANACORTES DOCK LIGHTS (2)	48 31 18 N 122 36 24 W	F R	10		On dock.	Private aids.
	Cap Sante Waterway						
18990	- Daybeacon 1 15 feet outside channel limit.	48 30 42 N 122 35 48 W				SG on pile.	Ra ref.
18995	- LIGHT 2 15 feet outside channel limit.	48 30 43 N 122 35 56 W	FI R 2.5s	15	4	TR on dolphin.	
19000	- Daybeacon 3 15 feet outside channel limit.					SG on pile.	
19005	- Daybeacon 4					TR on dolphin.	
19010	- LIGHT 5	48 30 42 N 122 36 18 W	FI G 4s	14	4	SG on dolphin.	
19015	CAP SANTE WATERWAY LIGHT 6	48 30 47 N 122 36 23 W	FI R 4s	14	4	TR on dolphin.	
	Padilla Bay						
19017	VENDOVI ISLAND LIGHT 2	48 36 30 N 122 35 54 W	FI R 6s	13	4	TR on platform.	Ra ref.
19018	WILLIAM POINT LIGHT 3	48 34 58 N 122 33 38 W	FI G 6s	30	5	SG on tower.	
19020	- <i>Lighted Bell Buoy 4</i>	48 34 44 N 122 35 47 W	FI R 4s		4	Red.	
19025	- <i>Lighted Gong Buoy 5</i>	48 33 32 N 122 34 28 W	FI G 4s		4	Green.	
19030	HUCKLEBERRY ISLAND LIGHT 6	48 32 12 N 122 34 00 W	FI R 2.5s	73	4	TR on platform.	Ra ref.
19035	SADDLEBAG ISLAND LIGHT 7	48 32 06 N 122 33 30 W	FI G 2.5s	26	4	SG on platform.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
Anacortes Harbor							
19040	Fidalgo Bay Shoal Buoy 2	48 30 36 N 122 35 07 W				Red nun.	
19045	- Junction Lighted Buoy A	48 30 41 N 122 35 38 W	FI (2+1) R 6s		4	Red and green bands.	
19050	Anacortes Channel Buoy 3	48 30 32 N 122 35 41 W				Green can.	
19055	ANACORTES CHANNEL LIGHT 4	48 30 30 N 122 36 00 W	FI R 4s	13	3	TR on pile structure.	
19060	ANACORTES CHANNEL LIGHT 6	48 30 09 N 122 36 01 W	FI R 6s	11		TR on multi-pile structure.	Private aid.
19061	FIDALGO MARINA LIGHT 1	48 29 55 N 122 35 59 W	F G	6		On breakwater.	Private aid.
19062	FIDALGO MARINA LIGHT 2	48 29 55 N 122 36 01 W	F R	6		On breakwater.	Private aid.
19063	FIDALGO MARINA LIGHTS (2)	48 29 51 N 122 35 57 W	F Y	6		On breakwater.	Private aids.
19065	TEXACO OIL COMPANY WHARF LIGHTS (2)	48 30 36 N 122 34 36 W	F R	25		Mooring platform.	Private aids.
19070	TESORO NORTHWEST CO. WHARF LIGHT A	48 30 32 N 122 34 13 W	F R	18		On pier.	HORN: 1 blast ev 30s (2s bl). Private aid.
19072	TESORO NORTHWEST CO. WHARF LIGHT B	48 30 30 N 122 34 00 W	F R	16		On pier.	Private aid.
Swinomish Channel North Entrance							
19075	SWINOMISH CHANNEL NORTH ENTRANCE LIGHT 2	48 30 38 N 122 33 27 W	FI R 4s	18	4	TR on dolphin.	Ra ref.
19077	- Buoy 3	48 30 35 N 122 33 07 W				Green can.	
19080	- Buoy 4	48 30 21 N 122 33 10 W				Red nun.	
19085	- LIGHT 6	48 29 58 N 122 32 54 W	FI R 6s	15	4	TR on dolphin.	
19090	- Buoy 7	48 29 59 N 122 32 47 W				Green can.	
19093	- Buoy 9	48 29 42 N 122 32 30 W				Green can.	
19095	- Buoy 8	48 29 37 N 122 32 38 W				Red nun.	
19100	- Buoy 12	48 29 06 N 122 32 14 W				Red nun.	
19105	Swinomish Channel North Entrance Lighted Buoy "13"	48 29 08 N 122 32 08 W	FI G 4s		3	Green can.	
19115	- Buoy 19	48 28 42 N 122 31 48 W				Green can.	
19120	- LIGHT 18	48 28 38 N 122 31 51 W	FI R 4s	18	4	TR on dolphin.	Ra ref.
19130	- Buoy 22	48 28 18 N 122 31 36 W				Red nun.	
19135	- Buoy 23	48 28 25 N 122 31 32 W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
19136	- LIGHT 26		FI R 4s	15	4	TR on pile.	Ra ref.
19138	- Buoy 27	48 28 03 N 122 31 17 W				Green can.	
19140	- Buoy 28	48 27 50 N 122 31 11 W				Red nun.	
19150	Swinomish Channel North Entrance Buoy 29	48 27 51 N 122 31 07 W	FI G 6s		3	Green can.	
19155	- Buoy 30	48 27 42 N 122 31 06 W				Red nun.	
Bellingham Channel							
19165	Yellow Bluff Reef Obstruction Daybeacon	48 31 54 N 122 39 24 W				NW on dolphin worded DANGER REEF.	Ra ref.
19170	- <i>Lighted Bell Buoy 4</i>	48 32 11 N 122 40 10 W	FI R 4s		5	Red.	
19171	DEEPWATER BAY SOUTH FISH PEN LIGHTS (2)	48 33 25 N 122 41 24 W	FI Y 6s			On steel salmon pen.	Private aids.
19172	SECRET HARBOR FISH PEN LIGHTS (2)	48 33 16 N 122 41 06 W	FI Y 6s			On steel salmon pen.	Private aids.
19173	DEEPWATER BAY NORTH FISH PEN LIGHTS (2)	48 33 36 N 122 40 52 W	FI Y 6s			On steel salmon pen.	Private aids.
19175	BELLINGHAM CHANNEL LIGHT 5	48 33 58 N 122 40 06 W	FI G 4s	15	5	SG on skeleton tower.	Higher intensity beam up and down channel.
19180	- <i>Lighted Buoy 6</i>	48 35 27 N 122 39 07 W	FI R 4s		4	Red.	
19185	- LIGHT 7		FI G 4s	32	4	SG on tower.	
19190	- Buoy 8	48 36 16 N 122 37 48 W				Red nun.	
19195	VENDOV I COVE LIGHT	48 36 53 N 122 36 40 W	FI Y 4s	15		Steel tower.	Private aid.
19200	VITI ROCKS LIGHT	48 38 00 N 122 37 22 W	FI W 2.5s	45	5	NW on steel tower worded DANGER ROCK.	
19205	<i>Viti Rocks Lighted Bell Buoy 9</i>	48 37 48 N 122 37 08 W	Q G		3	Green.	
19215	ELIZA ROCK JUNCTION LIGHT		FI (2+1) G 6s	21	5	JG on house.	Higher intensity beam on 050°, 203°, and 350°.
Bellingham Bay							
19220	<i>Post Point Lighted Bell Buoy 2</i>	48 42 49 N 122 31 45 W	FI R 4s		5	Red.	
19223	FERRY PIER LIGHT	48 43 22 N 122 30 49 W	F R	12		On dolphin.	Private aid.
19224	Taylor Park Dingy Dock Light A	48 43 31 N 122 30 28 W	FI Y 4s	7	2	On steel piling.	Private aid.
19225	Starr Rock Buoy 4 35 yards west of rock.					Red nun.	
19230	<i>Georgia Pacific Outfall Lighted Buoy</i>	48 44 03 N 122 31 08 W	FI Y 10s			Orange and white bands.	Private aid.
19235	WHATCOM WATERWAY PIER LIGHT 2	48 44 39 N 122 29 45 W	FI R 6s	16	5	On end of pier.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
19240	WHATCOM WATERWAY RANGE FRONT LIGHT	48 45 10 N 122 29 03 W	Q G	41		KRW on platform on building.	Visible 1.25° each side of rangeline.
19245	WHATCOM WATERWAY RANGE REAR LIGHT 393 yards, 045.2° from front light.		Iso G 6s	70		KRW on skeleton tower.	Visible 1.25° each side of rangeline.
19250	I. AND J. WATERWAY LIGHT 1	48 44 58 N 122 30 08 W	FI G 2.5s	15	5	SG on pile.	
19256	I. and J. Waterway Buoy 2	48 45 02 N 122 29 57 W				Red nun.	
19260	I. AND J. WATERWAY LIGHT 3	48 45 10 N 122 29 51 W	FI G 4s	16	3	SG on riprap.	
19262	I and J Waterway Buoy 4	48 45 09 N 122 29 47 W				Red nun.	
19265	BELLINGHAM BREAKWATER ENTRANCE LIGHT 2	48 45 12 N 122 30 26 W	FI R 2.5s	24	5	TR on tower.	
19270	BELLINGHAM BREAKWATER ENTRANCE LIGHT 1	48 45 14 N 122 30 26 W	FI G 4s	17	5	SG on pile.	
19272	Bellingham Harbor Shoal Buoy "A"	48 45 17 N 122 30 35 W				White with orange markings.	Private aid.
19273	Bellingham Harbor Shoal Buoy "B"	48 45 20 N 122 30 38 W				White with orange markings.	Private aid.
19274	<i>Squalicum Creek Entrance Lighted Buoy 1</i>	48 45 18 N 122 30 59 W	FI G 4s			Green.	
19275	<i>Squalicum Creek Entrance Lighted Buoy 2</i>	48 45 24 N 122 30 48 W	FI R 4s		5	Red.	
19280	BELLINGHAM BREAKWATER NORTH ENTRANCE LIGHT 4	48 45 26 N 122 30 41 W	FI R 6s	17	5	TR on pile.	
19281	SQUALICUM CREEK WATERWAY RANGE FRONT LIGHT	48 45 36 N 122 30 36 W	Q G	28		KRB on skeleton tower.	Private aid.
19282	SQUALICUM CREEK WATERWAY RANGE REAR LIGHT 170 yards, 037° from front light.		Iso G 6s	37		KRB on skeleton tower.	Private aid.
19285	- <i>Rocks Junction Lighted Buoy</i> Marks south edge of rocks.	48 40 25 N 122 35 28 W	FI (2+1) R 6s		5	Red and green bands.	
Hale Passage							
19290	Inati Bay Reef Buoy	48 40 28 N 122 37 13 W				White with orange bands worded DANGER ROCK.	
19295	LUMMI ISLAND LIGHT 3	48 41 30 N 122 38 42 W	FI G 4s	16	5	SG on tower.	
19300	LUMMI ISLAND FERRY LANDING LIGHT	48 43 12 N 122 40 42 W	FI R 4s	12			Private aid.
19305	Point Francis Shoal Buoy 4	48 41 41 N 122 38 16 W				Red nun.	
19310	<i>Lummi Point Lighted Buoy 5</i>	48 44 05 N 122 41 11 W	FI G 4s		3	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
19315	<i>Point Migley Lighted Buoy</i>	48 45 15 N 122 43 28 W	FI (2+1) R 6s		3	Red and green bands.	
	Rosario Strait						
19320	<i>Lawson Reef Junction Lighted Bell Buoy</i>	48 24 03 N 122 42 58 W	FI (2+1) R 6s		5	Red and green bands.	
19325	DAVIDSON ROCK LIGHT 1	48 24 48 N 122 48 43 W	FI G 4s	28	5	SG on platform.	Higher intensity beam toward Burrows Island Light.
19330	<i>Lawson Reef Lighted Bell Buoy 2</i>	48 24 41 N 122 46 24 W	FI R 2.5s		4	Red.	
19335	<i>Williamson Rocks Lighted Gong Buoy 4</i>	48 26 50 N 122 42 25 W	FI R 4s		5	Red.	
19340	Kellett Ledge Buoy 3	48 27 02 N 122 47 31 W				Green can.	
19345	Dennis Shoal Buoy 6	48 27 28 N 122 42 59 W				Red nun.	
19350	Burrows Island Light	48 28 41 N 122 42 49 W	FI W 6s	57	9	White square tower on building. 34	Emergency light Iso W 6s, operates at reduced intensity. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). (2s bl-2s si-2s bl-24s si).
19355	Burrows Bay Danger Rock Buoy Marks Submerged Rocks.	49 27 24 N 122 39 54 W				White can with orange bands; worded DANGER ROCKS.	
19360	SKYLINE MARINA LIGHT 1	48 29 22 N 122 40 37 W	FI G 15s	13		On pile structure.	Private aid.
19365	SKYLINE MARINA LIGHT 2	48 29 21 N 122 40 35 W	FI R 15s	13		On dolphin.	Private aid.
19370	LOPEZ PASS LIGHT 2	48 28 52 N 122 49 06 W	FI R 4s	21	4	TR skeleton tower.	
19375	Mud Bay Daybeacon On reef.	48 27 35 N 122 49 59 W				NR on spindle.	
19377	<i>Hunter Bay Aquaculture Lighted Buoys (2)</i>	48 28 06 N 122 51 18 W	FI Y 6s			Yellow cans.	Private aids.
19380	Ram Island Rock Daybeacon 4	48 28 17 N 122 50 11 W				TR on skeleton tower.	Ra ref.
19385	Center Island Reef Daybeacon	48 29 04 N 122 50 11 W				NW on spindle worded DANGER SUBMERGED ROCKS.	Ra ref.
19390	Center Island Reef Daybeacon 6	48 29 04 N 122 50 12 W				TR on pile.	Ra ref.
19395	BELLE ROCK SECTOR LIGHT	48 29 35 N 122 45 10 W	FI W 2.5s (R sector)	22 20	W 5 R 10	NB on black cylindrical base.	Red from 173° to 177°. Covers 42 foot shoal. Higher intensity white beam up and down channel. Aid displays 2 separate lights, white over red.
19400	<i>Reef Point Junction Lighted Buoy</i>	48 31 44 N 122 43 33 W	FI (2+1) R 6s		5	Red and green bands.	
19405	FAUNTLEROY POINT LIGHT	48 31 28 N 122 47 19 W	FI W 4s	37	7	NB on skeleton tower.	
19410	LAWSON ROCK LIGHT 2	48 31 51 N 122 47 19 W	FI R 4s		4	TR on pile structure.	Ra ref.
19415	BLAKELY ISLAND LIGHT 4	48 31 52 N 122 48 35 W	FI R 6s	15	5	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
19420	Undertakers Reef Daybeacon 5	48 31 23 N 122 49 46 W				SG on spindle.	Ra ref.
19425	LEO REEF LIGHT	48 33 11 N 122 51 15 W	FI W 4s	15	6	NB on black pyramidal base.	
19430	<i>Blakely Island Shoal Isolated Danger Lighted Buoy DS</i>	48 34 08 N 122 50 41 W	FI (2) W 5s		6	Black and red bands with two black spherical topmarks.	
19435	UPRIGHT HEAD FERRY LANDING LIGHT	48 34 17 N 122 52 56 W	FI Y 10s	12		On floating dolphin.	Private aid.
19440	SHOAL BAY AQUACULTURE LIGHT	48 33 36 N 122 52 24 W	FI Y 6s			On aquaculture facility.	Private aid.
19445	Shag Rock Daybeacon	48 35 30 N 122 52 31 W				NW on spindle worded DANGER ROCKS.	
19450	PEAVINE PASS LIGHT 1	48 35 16 N 122 49 20 W	FI G 4s	22	4	SG on skeleton tower.	
19455	BLACK ROCK LIGHT 9	48 32 45 N 122 45 57 W	FI G 4s	10	4	SG on skeleton tower.	
19460	Peavine Pass Rocks Daybeacon	48 35 19 N 122 48 04 W				NR on spindle.	Ra ref.
19465	TIDE POINT LIGHT 12	48 35 06 N 122 44 28 W	FI R 2.5s	15	4	TR on pile.	
19470	OBSTRUCTION PASS LIGHT	48 35 51 N 122 48 16 W	FI W 4s	23	6	NR on white house.	
19475	<i>Lydia Shoal Lighted Gong Buoy 13</i>	48 35 58 N 122 46 45 W	Q G		4	Green.	
19480	Cypress Reef Daybeacon C	48 36 47 N 122 43 21 W				JR on pile.	
19485	<i>Buckeye Shoal Lighted Bell Buoy 14</i> Marks shoal west of Sinclair Island.	48 37 27 N 122 43 47 W	FI R 6s		5	Red.	
19490	PEAPOD ROCKS LIGHT 15	48 38 32 N 122 44 37 W	FI G 4s	35	5	SG on white octagonal house.	
19495	- <i>Lighted Bell Buoy 16</i>	48 38 27 N 122 42 53 W	Q R		4	Red.	
19500	<i>Boulder Reef Lighted Bell Buoy 2</i>	48 38 17 N 122 41 42 W	FI R 4s		4	Red.	
19505	<i>Sinclair Island Lighted Bell Buoy 4</i>	48 38 17 N 122 40 05 W	FI R 2.5s		5	Red.	
19510	LUMMI ROCKS LIGHT 16A	48 40 10 N 122 40 07 W	FI R 6s	20	5	TR skeleton tower.	
19515	THE SISTERS LIGHT 17	48 41 40 N 122 45 25 W	FI G 2.5s	40	4	SG on structure.	
19520	- <i>Traffic Lane Lighted Buoy C</i>	48 40 34 N 122 42 48 W	FI Y 2.5s		6	Yellow.	RACON: N (—•).
19525	VILLAGE POINT LIGHT 18	48 42 59 N 122 43 10 W	FI 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 N 122 49 00 W	FI G 4s	20	5	SG on house on cylindrical structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
19535	- <i>Traffic Lane Separation Lighted Buoy CA</i>	48 45 18 N 122 46 31 W	FI Y 2.5s		6	Yellow.	RACON: M (– –).
San Juan Channel							
19540	ICEBERG POINT LIGHT 2	48 25 19 N 122 53 39 W	FI R 4s	35	5	TR on white square concrete house.	
19545	Richardson Daybeacon	48 26 54 N 122 54 36 W				NR on white box.	
19550	Twin Rocks Daybeacon	48 26 47 N 122 54 41 W				NR on iron spindle.	
19555	CATTLE POINT LIGHT	48 27 02 N 122 57 48 W	FI W 4s	94	7	White octagonal tower.	
19557	Cape San Juan Floating Breakwater Lights (3)	48 27 48 N 122 58 08 W	FI Y 4s			On floating breakwater.	Private aid.
Fisherman Bay							
19560	- SECTOR LIGHT	48 31 31 N 122 55 08 W	FI W 4s	15	6 R 4	NR on pile structure.	Red from 150° to 076°.
19565	- Entrance Daybeacon 4	48 31 17 N 122 54 59 W				TR on pile.	
19570	- Channel Daybeacon 5					SG on pile.	
19575	- Channel Buoy 7	48 31 08 N 122 55 04 W				Green can.	
19580	- Channel Buoy 8	48 30 54 N 122 54 54 W				Red nun.	
San Juan Channel							
19585	Flat Point Light 2	48 33 11 N 122 55 17 W	FI R 2.5s	15	5	TR on pile.	
19590	TURN ROCK LIGHT "3"	48 32 06 N 122 57 53 W	FI G 4s	18	5	SG on cylindrical base.	Rock ledge bares at half tide.
19595	Minnesota Reef Daybeacon 1	48 32 12 N 122 59 18 W				SG on pile.	Ra ref.
19600	Brown Island Daybeacon 2	48 32 04 N 122 59 57 W				TR on multi-pile structure.	Ra ref.
Friday Harbor							
19605	- PIER LIGHTS (2)	48 32 42 N 123 00 36 W	FI R 5s	6		Pile.	Private aids.
19615	- NORTH BREAKWATER LIGHT 1	48 32 25 N 123 00 57 W	FI G 4s	8	3	SG on pedestal.	
19620	- MARINA ENTRANCE LIGHT 1	48 32 23 N 123 00 54 W	FI G 2.5s	8	3	SG on pile.	Displays Q Y during seaplane operations.
19625	- MARINA ENTRANCE LIGHT 2	48 32 24 N 123 00 52 W	FI R 2.5s	8	3	TR on pile.	Displays Q Y during seaplane operations.
San Juan Channel							
19630	<i>Reid Rock Lighted Bell Buoy</i>	48 32 56 N 122 59 22 W	FI (2+1) G 6s		5	Green and red bands.	Rock has depth of 2½ fathoms over it.
19635	SHIRT TAIL REEF LIGHT 1	48 35 13 N 123 01 23 W	FI G 4s	19	4	SG on skeleton tower.	
19640	CLIFF ISLAND LIGHT 3		FI G 6s	15	5	SG on square house.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
19645	BIRD ROCKS LIGHT	48 35 53 N 123 00 53 W	FI W 4s	15	6	NW on white platform on pile structure worded DANGER ROCK.	
19650	DEER HARBOR PIER LIGHT	48 36 30 N 122 59 43 W	F R	15		On pile.	Private aid.
19655	POLE PASS LIGHT 2	48 36 06 N 122 59 24 W	FI R 4s	15	4	TR on skeleton tower.	
19660	WASP PASSAGE LIGHT 5		FI G 4s	15	5	SG on pyramidal structure.	
19665	Blind Bay Rock Daybeacon	48 35 00 N 122 55 54 W				NW worded DANGER ROCK.	Private aid.
19670	Jones Island Rock Daybeacon	48 37 12 N 123 02 36 W				NW worded DANGER ROCKS.	
19672	- Buoy 4	48 35 21 N 123 02 05 W				Red nun.	
19675	GREEN POINT LIGHT	48 37 59 N 123 06 23 W	FI W 4s	20	6	NB on skeleton tower.	
19680	Harbor Rock Daybeacon	48 37 47 N 122 58 41 W				NW on iron spindle worded DANGER ROCK.	Rock bares 6 feet at MLLW.
Haro Strait							
19685 16270	Discovery Island Light (C)	48 25 28 N 123 13 33 W	FI W 5s	93	16	White circular tower. 35	Aid maintained by CA. HORN: 1 blast ev 60s (6s bl).
19690	- Lighted Buoy VD (C)	48 27 06 N 123 10 48 W	Q(6)+L FI W 15s			Yellow and black.	RACON: R (•-•).
19695	Lime Kiln Light	48 30 57 N 123 09 09 W	FI W 10s	55	17	Octagonal tower attached to building. 38	Emergency Light Iso W 6s.
19700	<i>Little Zero Rock Lighted</i> <i>Buoy V30</i> (C)	48 31 54 N 123 19 45 W	Q R			Red.	
19705	ZERO ROCK LIGHT (C)	48 31 25 N 123 17 31 W	FI W 4s	28	7	White cylindrical tower with green band on top.	Aid maintained by CA. Ra ref.
19710	KELP REEFS LIGHT (C)	48 32 51 N 123 14 13 W	Q W	35	10	White tower.	Aid maintained by CA.
19715	D'ARCY ISLAND LIGHT (C)	48 33 55 N 123 17 06 W	FI R 4s	26	7	White circular tower with red band at top.	Aid maintained by CA.
19720	KELLETT BLUFF LIGHT	48 35 17 N 123 12 05 W	FI W 4s	80	7	NB on house.	
Mosquito Pass							
19724	- Buoy 1	48 34 44 N 123 10 50 W				Green can.	
19725	- Daybeacon 2	48 35 00 N 123 10 18 W				TR on pile.	
19730	- Buoy 3	48 35 03 N 123 10 22 W				Green can.	
19735	- Daybeacon 4					TR on pile.	
19740	- Buoy 6	48 35 28 N 123 10 31 W				Red nun.	
Haro Strait							
19743	SHERMAN DOCK LIGHT	48 36 10 N 123 09 57 W	FI Y 6s				Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
19745	PEARL ISLAND PIER LIGHTS (2)	48 36 59 N 123 10 14 W	F Y	16		On dolphins.	Private aids.
19750	PEARL ISLAND LIGHT 1	48 37 00 N 123 10 12 W	FI G 4s	15	4	SG on skeleton tower.	
19755	PEARL ISLAND DOCK LIGHT	48 37 02 N 123 09 39 W	FI Y 4s	18		On pile.	Private aid.
19765	Spieden Channel Buoy 3	48 38 05 N 123 09 43 W				Green can.	
19770	Roche Harbor Junction Buoy	48 37 30 N 123 09 48 W				Red and green bands; nun.	Rock is marked by kelp, and has 2 fathoms over it.
19775	<i>Haro Strait Danger Shoal Lighted Buoy Southwest of shoal.</i>	48 38 18 N 123 10 57 W	FI (2+1) G 6s		5	Green and red bands.	
19778	Reid Harbor Line Mooring System Lighted Buoys (3)	48 40 22 N 123 11 49 W	FI Y 10s			3 Yellow spar buoys.	Connected with cable 2 feet above water surface. Private aid.
19780	TOM POINT LIGHT (C)	48 39 44 N 123 16 26 W	FI W 4s (G Sector)	21	7	White circular tower with green band at top.	Green from 171° to 181°. Ra ref.
19785	ARACHNE REEF LIGHT (C)	48 41 05 N 123 17 37 W	FI (2+1) G 6s	19	4	White circular tower with green band at top.	Aid maintained by CA.
19790	TURN POINT LIGHT	48 41 20 N 123 14 15 W	FI W 2.5s	44	8	White concrete tower. 16	Light obscured from 260° to 357°.
19795	POINT FAIRFAX LIGHT (C)	48 41 57 N 123 17 55 W	FI (3) W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	29	7	White circular tower. 20	Aid maintained by CA.
19798	Prevost Harbor Line Mooring System Lighted Buoys (3)	48 40 45 N 123 11 48 W	FI 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 N 123 11 02 W	FI W 4s	35	7	White circular tower with green band at top.	Aid maintained by CA.
19805	SKIPJACK ISLAND LIGHT	48 43 58 N 123 02 21 W	FI W 4s	18	6	NB on steel tower.	Obscured from 261° to 347°.
19810	Saturna Island Light (C)	48 46 59 N 123 02 45 W	FI W 15s (R sector)	121	W R 17 8	On red skeleton tower. 45	White light visible from 149° to 060°; red light visible from 156° to 211.5°. Emergency light. Aid maintained by CA.
19815	<i>- Shoal Isolated Danger Lighted Bell Buoy DB</i>	48 45 53 N 123 00 53 W	FI (2) W 5s		6	Black and red bands with two black spherical topmarks.	
19820	<i>Rosenfeld Rock Lighted Buoy U59</i> (C)	48 48 11 N 123 01 39 W	FI G 4s			Green.	RACON: U (••-). Aid maintained by CA.
19825	PATOS ISLAND LIGHT	48 47 20 N 122 58 17 W	FI W 6s	52	W R 9 6	White square tower on fog signal house. 38	Red from 011.5° to 059.5°, covers 6 fathom shoal. Red from 097° to 114°, covers Rosenfeld Rock. HORN: 1 blast ev 30s (3s bl).
19830	Sucia Island Buoy 1	48 45 47 N 122 55 10 W				Green can.	
19835	Sucia Island Buoy 2	48 45 46 N 122 55 10 W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
19840	PARKER REEF LIGHT	48 43 33 N 122 53 40 W	FI W 4s	15	6	NR on pile structure.	Ra ref.
19845	Orcas Island North Shore Daybeacon	48 42 56 N 122 53 35 W				NW on pile worded DANGER SUBMERGED ROCKS.	Maintained from Mar. 15 to Oct. 15.
19853	Echo Bay Line Mooring System Lighted Buoys (3)	48 45 37 N 122 54 28 W	FI 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 37 N 122 54 23 W	FI Y 10s			3 yellow spar buoys.	Connected with cable 2 feet above water surface. Private aid.
19855	Ewing Island Reef Daybeacon	48 45 41 N 122 52 35 W				NW on pile worded DANGER REEF.	Maintained from Mar. 15 to Oct. 15.
19860	Clements Reef Danger Buoy	48 45 46 N 122 52 07 W				White with orange bands; nun, and orange diamond worded DANGER REEF.	
19865	Clements Reef Buoy 2	48 46 40 N 122 53 30 W				Red nun.	Marks reef.
19870	<i>Alden Bank Lighted Bell Buoy B</i>	48 47 03 N 122 48 57 W	FI (2+1) R 6s		5	Red and green bands.	
19875	Alden Bank Buoy 5	48 48 57 N 122 48 55 W				Green can.	
19880	SANDY POINT LIGHT 2	48 47 13 N 122 42 45 W	FI R 4s	16	4	TR on pile.	
Strait of Georgia							
19886	SANDY POINT LIGHT 3	48 47 17 N 122 42 43 W	FI G 2.5s	15	4	SG on pile.	
19890	PHILLIPS 66 PIER SOUTH LIGHT	48 49 29 N 122 43 10 W	F R	16		NW on dolphin.	Private aid.
19891	PHILLIPS 66 PIER NORTH LIGHT	48 49 33 N 122 43 08 W	F R	16		NW on dolphin.	Private aid.
19892	PHILLIPS 66 PIER FOG SIGNAL	48 49 29 N 122 43 10 W				On pier.	HORN: 1 blast ev 30s (3s bl). Private aid.
19895	INTALCO PIER LIGHTS (2)	48 50 36 N 122 43 12 W	F R	24		On pier.	HORN: 2 blast ev 15s (2s bl- 2s si-2s bl-9s si). Private aids.
19900	BP CHERRY POINT LIGHT A	48 51 36 N 122 45 21 W	F R	28		On mooring dolphin.	Private aid.
19905	BP CHERRY POINT LIGHT B	48 51 42 N 122 45 34 W	F R	28		On mooring dolphin.	Private aid.
19910	<i>Alden Bank Lighted Gong Buoy A</i>	48 50 23 N 122 52 14 W	FI (2+1) R 6s		5	Red and green bands.	
19911	BIRCH BAY MOORING BASIN LIGHT 1	48 55 52 N 122 47 14 W	FI G 4s	15		SG on pile.	Private aid.
19912	BIRCH BAY MOORING BASIN LIGHT 2	48 55 53 N 122 47 13 W	FI R 4s	15		TR on pile.	Private aid.
19913	Birch Bay Mooring Basin Daybeacon 3	48 55 53 N 122 47 15 W		15		SG on pile.	Private aid.
19914	Birch Bay Mooring Basin Daybeacon 4	48 55 53 N 122 47 14 W		15		TR on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
Semiahmoo Bay							
19915	- Buoy 2	48 59 31 N 122 47 40 W				Red nun.	
19920	- LIGHT 4	48 59 32 N 122 47 02 W	FI R 6s	15	4	TR on pile structure.	
19925	- Buoy 3	48 59 44 N 122 46 47 W				Green can.	
19930	BLAINE SMALL BOAT HARBOR LIGHT 2	48 59 27 N 122 45 54 W	FI R 2.5s	22	4	TR on dolphin.	
19935	INTERNATIONAL BOUNDARY RANGE C FRONT LIGHT	49 00 08 N 122 46 55 W	Q G	37		Rectangular shaped orange daymark on gray skeleton tower.	Visible 4° each side of rangeline.
19940	INTERNATIONAL BOUNDARY RANGE C REAR LIGHT		F G	80		Rectangular shaped orange daymark on gray tower. 61	Visible 14° each side of rangeline.
Point Roberts							
19945	- <i>Lighted Bell Buoy 4</i>	48 57 06 N 122 59 13 W	FI R 4s		5	Red.	
19950	- MARINA LIGHT 1	48 58 24 N 123 03 53 W	FI G 4s	15		On pile.	Private aid.
19955	- MARINA LIGHT 2	48 58 23 N 123 03 49 W	FI R 4s	20		TR on breakwater.	Private aid.
19957	- Marina Daybeacon 3	48 58 26 N 123 03 51 W				SG on dolphin.	Private aid.
19960	- MARINA BREAKWATER LIGHT	48 58 26 N 123 03 44 W	FI Y 10s	20		On breakwater.	Private aid.
19962	- Marina Warning Daybeacon	48 58 29 N 123 03 44 W				NW on pile.	Private aid.
19965	- Light	48 58 17 N 123 05 01 W	FI (2) W 15s 0.1s fl 4.9s ec. 0.1s fl 9.9s ec.	30	15	NR on skeleton tower. 25	
19969	INTERNATIONAL BOUNDARY OBSTRUCTION LIGHT WEST	49 00 07 N 123 06 44 W	FI Y 4s	25	6	Concrete structure.	
International Boundary							
<i>Boundary Ranges A, B, C (front and rear), and Obstruction Light are maintained by the International Boundary Commission, United States and Canada.</i>							
19970	- RANGE A FRONT LIGHT	49 00 05 N 123 05 23 W	F W (G & R sectors)	180		Rectangular shaped orange daymark on gray skeleton tower.	Fixed Red from 087.5° to 088.5°; oscillating Red and White from 088.5° to 089.5°; fixed White from 089.5° to 090.5°; oscillating White and Green from 090.5° to 091.5°; fixed Green from 091.5° to 092.5°. Lighted throughout 24 hours.
19975	- RANGE A REAR LIGHT		F W	258		Rectangular shaped orange daymark on gray pile. On same structure as International Boundary Range B Rear Light.	Visible westward. F R aircraft warning light on top of tower. Lighted throughout 24 hours.
19980	INTERNATIONAL BOUNDARY OBSTRUCTION LIGHT EAST	49 00 07 N 123 01 12 W	FI Y 4s	36	6	On rectangular block.	
19985	- RANGE B FRONT LIGHT	49 00 07 N 123 02 07 W	FI G 4s	65		Rectangular shaped orange daymark on gray skeleton tower.	Visible on range line only.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
WASHINGTON - Thirteenth District							
19990	- RANGE B REAR LIGHT	49 00 06 N 123 04 00 W	F G	258		Rectangular shaped orange daymark on gray pile. On same structure as International Boundary Range A Rear Light.	Visible eastward. F R aircraft warning light on top of tower.
20100	CONTEST POINT LIGHT 24	48 16 14 N 116 30 04 W	FI R 4s	14		TR on steel tower.	Private aid.
20101	CLEAVENGER DOCK LIGHT	48 15 24 N 116 26 25 W	FI Y 6s	1	1	On dock.	Private aid.
20102	SUNNY SIDE LIGHT 25	48 16 47 N 116 24 38 W	FI G 4s	14		SG on dolphin.	Private aid.
20104	ANDERSON POINT LIGHT 26	48 15 02 N 116 22 34 W	FI R 4s	14		TR on dolphin.	Private aid.
20106	HOPE POINT LIGHT 27	48 13 35 N 116 18 30 W	FI G 4s	14		SG on steel tower.	Private aid.
20108	PEARL ISLAND LIGHT	48 12 59 N 116 19 55 W	FI W 10s	14		NR on steel tower.	Private aid.
20110	ELLIOT BAY LIGHT 28	48 12 15 N 116 21 36 W	FI R 4s	14		TR on piling.	Private aid.
20112	LEE'S POINT LIGHT 29	48 08 48 N 116 15 33 W	FI G 4s	14		SG on wood piling.	Private aid.
20114	GARFIELD BAY LIGHT 30	48 10 37 N 116 25 41 W	FI R 4s	14		TR on steel stand.	Private aid.
20115	GRANITE POINT LIGHT 31	48 06 00 N 116 25 58 W	FI G 4s	14		SG on steel platform.	Private aid.
20116	MILLERS POINT LIGHT 32	48 09 45 N 116 26 25 W	FI R 4s	14		TR on steel piling.	Private aid.
IDAHO - Thirteenth District							
LAKE PEND OREILLE (Chart 18554)							
20118	Navy Lighted Mooring Buoy B2	48 05 32 N 116 28 46 W	Q Y			White can with orange markings.	Navy maintained.
20120	Navy Lighted Mooring Buoy B3	48 05 32 N 116 29 20 W	Q Y			White can with orange markings.	Navy maintained.
20122	Navy Weather Lighted Buoy	48 05 20 N 116 29 15 W	FI Y 2s			Orange sphere.	Navy Maintained.
20124	Navy Hauldown Submerged Buoy	48 05 18 N 116 29 04 W				Yellow float.	Float submerges 100ft when tests are underway. Navy maintained.
20126	Navy Lighted Mooring Buoy B1	48 05 08 N 116 28 45 W	Q Y			White can with orange markings.	Navy maintained.
20128	Navy Lighted Mooring Buoy B4	48 05 07 N 116 29 20 W	Q Y			White can with orange markings.	Navy maintained.
20130	Navy Hauldown Lighted Buoy	48 04 53 N 116 31 36 W	FI Y 2s			White can with orange markings.	Navy maintained.
20132	NAVY OUTPOST PIER LIGHT	48 04 52 N 116 31 43 W	FI Y 2s			On pier.	Navy maintained.
20133	NAVY DEEP MOORING 2 LIGHT	48 03 38 N 116 30 03 W	FI Y 2s			On float.	Navy maintained.
20134	WHISKEY POINT LIGHT 33	48 03 30 N 116 27 27 W	FI G 4s	14		SG on steel stand.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
IDAHO - Thirteenth District							
20136	WHISKEY ROCK LIGHT	48 03 02 N 116 27 31 W	FI W 10s	14		NG on steel tower.	Private aid.
20138	Navy Hauldown 3 Submerged Buoy	48 01 45 N 116 30 08 W					Buoy is 50ft below waters surface. Navy maintained.
20140	NAVY OUTBOARD HAULDOWN 3 LIGHT	48 01 40 N 116 30 35 W	FI Y 2s			On orange and white float.	Navy maintained.
20142	NAVY INBOARD HAULDOWN 3 LIGHT	48 01 35 N 116 31 04 W	FI Y 2s			On orange and white float.	Navy maintained.
20144	NAVY WIGWAM PIER LIGHT	48 01 31 N 116 31 27 W	FI Y 2s	10		On pier.	Navy maintained.
20146	NAVY DEEP MOORING 1 LIGHT	48 01 20 N 116 29 45 W	FI Y 2s			On float.	Navy maintained.
20158	CAPE HORN LIGHT 34	47 59 24 N 116 29 45 W	FI R 4s	14		TR on steel stand.	Private aid.
20159	Cape Horn Marina Light	47 59 00 N 116 30 25 W	FI Y 4s			On steel pile.	Private aid.
20160	NAVY BARGE LIGHT B	47 58 47 N 116 32 06 W	FI Y 2s			On barge.	Navy maintained.
20162	NAVY BARGE LIGHT A	47 58 48 N 116 32 06 W	FI Y 2s			On barge.	Navy maintained.
20164	NAVY TRANSFORMER FLOAT LIGHT B	47 58 47 N 116 32 08 W	FI Y 2s			On barge.	Navy maintained.
20166	NAVY TRANSFORMER FLOAT LIGHT A	47 58 47 N 116 32 10 W	FI Y 2s			On barge.	Navy maintained.
20168	NAVY HARBOR ENTRANCE LIGHT 2	47 58 41 N 116 33 39 W	FI R 2s	10		On pile.	Navy maintained.
20170	NAVY HARBOR ENTRANCE LIGHT 1	47 58 38 N 116 33 41 W	FI G 2s	10		On pile.	Navy maintained.
MONTANA - Thirteenth District							
Missouri River							
Fort Peck Lake							
20230	- LIGHT A		FI W 2.5s	20	5	NB on platform.	
20240	BIG DRY CREEK LIGHT B		FI W 4s	30	6	NB on platform.	
20245	BIG DRY CREEK LIGHT C		FI W 6s	22	6	NB on platform.	
20270	- LIGHT D		FI W 4s	30	6	NB on platform.	
20275	- LIGHT E		FI W 6s	25	6	NB on platform.	
20280	- LIGHT F		FI W 6s	25	6	NB on platform.	
20285	- LIGHT G		FI W 2.5s	25	5	NB on platform.	
20290	- LIGHT H		FI W 6s	50	6	NB on platform.	
20295	- LIGHT I	47 40 42 N 106 59 14 W	FI W 6s	20	6	NB on platform.	
20300	- LIGHT J		FI W 4s	16	6	NB on platform.	
20305	- LIGHT K		FI W 2.5s	25	5	NB on platform.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MONTANA - Thirteenth District							
20315	- LIGHT L		FI W 6s	20	6	NB on platform.	
BRITISH COLUMBIA							
STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)							
20320	GANGES HARBOR LIGHT (C)	48 50 12 N 123 27 12 W	FI R 4s	27		White circular tower, red band at top.	
20325	PORTLOCK POINT LIGHT (C)	48 49 42 N 123 21 00 W	Q W	51	7	White square tower.	Year round.
20330	CONCONI REEF LIGHT (C)	48 49 30 N 123 17 30 W	Q W	20	5	White circular tower with red band at top.	
20335	PEILE POINT LIGHT (C)	48 51 00 N 123 24 18 W	FI W 4s	25	7	White circular tower.	
20340	<i>Ben Mohr Rock Lighted Buoy UK</i> (C)	48 51 36 N 123 23 30 W	FI (2+1) R 6s			Red and green bands.	
20345	PHILLIMORE POINT LIGHT (C)	48 52 18 N 123 23 24 W	Q R	24		White circular tower, red band at top.	
20350	ENTERPRISE REEF LIGHT (C)	48 50 42 N 123 20 48 W	Q R F W R (sectors)	19 12		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 N 123 20 36 W	Q W	23	6	White circular tower with red band at top.	
20360	GALIANO LIGHT (C)	48 51 42 N 123 20 54 W	Q G	21	5	White circular tower with green band at top.	Ra ref.
20365	MARY ANNE POINT LIGHT (C)	48 51 42 N 123 18 42 W	Q W	25	6	White circular tower with green band at top.	Ra ref.
20370	Active Pass Light (C)	48 52 24 N 123 17 24 W	F FI W 10s	57	15	White circular tower. 35	Emergency light.
20375	<i>Gossip Shoals Lighted Bell Buoy U47</i> (C)	48 53 06 N 123 18 18 W	FI G 4s			Green.	
20380	NORTH REEF LIGHT (C)	48 54 54 N 123 37 30 W	FI (3) W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	22	7	White circular tower.	
20385	BARE POINT LIGHT (C)	48 55 48 N 123 42 18 W	FI G 4s	31	5	White circular tower with green band at top.	
20390	ALARM ROCK LIGHT (C)	48 57 30 N 123 40 30 W	FI (2) W 6s	17	6	White circular tower.	Ra ref.
20395	PREEDY HARBOR LIGHT (C)	48 58 06 N 123 41 00 W	Q R	17		White circular tower with red band at top.	Ra ref.
20400	COFFIN ISLAND LIGHT (C)	48 59 12 N 123 45 06 W	FI W 4s	19	6	White circular tower with green band at top.	Ra ref.
20405	SOUTHEY POINT LIGHT (C)	48 56 48 N 123 35 42 W	Q W	20	6	White circular tower.	
20410	GRAPPLER ROCK LIGHT (C)	48 56 24 N 123 36 06 W	FI R 4s	20		White circular tower, red band at top.	
20415	<i>Panther Point Lighted Buoy U44</i> (C)	48 55 48 N 123 32 24 W	FI R 4s			Red.	Ra ref.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BRITISH COLUMBIA							
20420	WALKER ROCK LIGHT (C)	48 55 24 N 123 29 36 W	FI (3) W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec. (G, W & R Sectors)	24 23	6	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 N 123 30 54 W	FI G 4s			Green.	
20430	Governor Rock Lighted Buoy U45 (C)	48 54 48 N 123 29 48 W	FI G 4s			Green.	
20435	PORLIER PASS RANGE FRONT LIGHT (C)	49 00 48 N 123 35 06 W	F Y	22		White circular tower. 13	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 N 123 34 54 W	FI G 4s			Green.	
20450	DANGER REEFS LIGHT (C)	49 03 18 N 123 42 54 W	Q W	22	5	White circular tower.	When passing southward, lights should be given a berth of at least one half mile. Ra ref.
20455	JOAN POINT LIGHT (C)	49 08 12 N 123 49 00 W	Q W	29	5	White circular tower with green band at top.	
20460	Gallows Point Light (C)	49 10 12 N 123 55 06 W	Iso W 2s	24	11	White circular tower with red band at top. 15	
20465	Canoe Pass Lighted Bell Buoy T14 (C)	49 02 18 N 123 15 24 W	FI R 4s			Red.	RACON: K (-+).
20470	Roberts Bank Light (C)	49 05 18 N 123 18 36 W	FI W 5s	36	10	White circular tower with red band at top and a concrete building on 8-piles.	RACON: N (-+).
20475	Roberts Bank Cautionary Lighted Buoy TA (C)	49 04 24 N 123 22 48 W	FI Y 4s			Yellow.	RACON: O (---).
20480	Sand Heads Light (C)	49 06 24 N 123 18 12 W	F FI R 5s	52	12	Fluorescent orange square tower on white rectangular building.	Emergency light.
20485	Sand Heads Lighted Bell Buoy S1 (C)	49 06 12 N 123 18 36 W	FI G 4s			Green.	
20490	WESTERLY LIGHT (C)	49 15 30 N 123 16 42 W	FI (3) W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	26	9	White circular tower.	
20495	Point Grey Lighted Bell Buoy Q62 (C)	49 17 24 N 123 15 54 W	Q R			Red.	
20500	Point Atkinson Light (C)	49 19 49 N 123 15 53 W	FI (2) W 5s 0.25s fl 0.75s ec. 0.25s fl 3.75s ec.	108	15	White hexagonal tower, with buttresses.	Emergency light.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BRITISH COLUMBIA							
20505	<i>Vancouver Approach Cautionary Lighted Buoy QA (C)</i>	49 16 36 N 123 19 12 W	FI Y 4s			Yellow.	RACON: G (— — •).
20510	POINT COWAN LIGHT (C)	49 20 06 N 123 21 36 W	Q W	67	7	White circular tower.	
20515	CAPE ROGER CURTIS LIGHT (C)	49 20 24 N 123 26 00 W	FI (3) W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	36	6	White circular tower.	
20520	POPHAM ISLAND LIGHT (C)	49 21 48 N 123 29 30 W	FI R 4s	41		White tower with red band at top.	
20525	THRASHER ROCK LIGHT (C)	49 09 00 N 123 38 24 W	FI (3) W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	36		White circular tower with green band at top.	RACON: X (— ••—). Ra Ref.
20530	<i>Gabriola Reefs Lighted Buoy UM (C)</i>	49 07 42 N 123 39 18 W	FI (2+1) G 6s			Green and red bands.	
20535	TUGBOAT ISLAND LIGHT (C)	49 08 54 N 123 41 00 W	FI W 4s	20	6	White circular tower.	
20540	Entrance Island Light (C)	49 12 36 N 123 48 30 W	FI W 5s	62	15	White circular tower. 35	
Chatham Sound							
21770	Lucy Islands Light (C)	54 17 45 N 130 36 32 W	FI R 6s	71	12	White octagonal tower.	Visible from 094.5° to 351.5°. Emergency light.
21775	<i>Tugwell Reef Lighted Bell Buoy D61 (C)</i>		FI G			Green.	
21780	SHRUB ISLAND LIGHT (C)	54 19 48 N 130 27 36 W	Q R	18		White circular tower, red band at top.	
21785	RYAN POINT REEF LIGHT (C)	54 21 36 N 130 29 54 W	FI W 6s	15		On skeleton tower.	Visible from 023° to 177°.
21790	<i>Hodgson Reefs Lighted Whistle Buoy D84 (C)</i>		FI R			Red.	
21795	SLIPPERY ROCK LIGHT (C)	54 24 00 N 130 29 42 W	FI (3) W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	22		White circular tower.	
21800	<i>Tree Bluff Lighted Bell Buoy D86 (C)</i>	54 25 48 N 130 30 48 W	FI R			Red.	
21805	WHITESAND ISLAND LIGHT (C)	54 30 48 N 130 44 48 W	FI W 4s	22		White skeleton tower.	
21810	BIRNIE ISLAND LIGHT (C)		FI W 4s	28		White mast.	
21815	POINTER ROCKS LIGHT (C)		FI W 6s	21		White circular tower.	
21820	Green Island Light (C)	54 34 06 N 130 42 24 W	FI W 5s	63	13	White tower. 35	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 N 130 45 30 W	FI W 6s	21	5	White slatted daymark.	Visible from 109° to 354°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BRITISH COLUMBIA							
21830	JACINTO POINT LIGHT (C)	54 34 48 N 131 04 30 W	FI W 6s	35	5	Skeleton tower.	

Section 15

Alaska

Dixon Entrance, Tongass Narrows, Behm Canal, Clarence Strait

(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)							
Dixon Entrance							
21835	LORD ROCK LIGHT	54 43 33 N 130 49 13 W	FI W 4s	38	7	NR on skeleton tower.	
21840	TREE POINT LIGHT	54 48 10 N 130 56 02 W	FI W 6s	86	9		Obscured from 158° to 318°.
21841	Stone Rock Bay Coast Guard Mooring Buoy	54 45 22 N 132 00 26 W				White sphere with blue stripe.	
21845	BARREN ISLAND LIGHT	54 44 38 N 131 21 03 W	FI W 4s	85	7	NR on spindle.	
21850	CAPE CHACON LIGHT	54 41 26 N 132 01 01 W	FI W 2.5s	50	6	NR on frame.	Obscured from 112° to 226.5°.
21855	POINT MARSH LIGHT	54 42 42 N 132 17 43 W	FI W 4s	74	6	NR on skeleton tower.	Obscured from 127° to 265°.
Portland Inlet							
21860	LIZARD POINT LIGHT (C)	54 50 00 N 130 16 30 W	FI W 6s	24		White circular tower.	
21865	RAMSDEN POINT LIGHT (C)	54 59 00 N 130 06 12 W	FI (3) W 12s	27		Orange ball daymark on pole.	Obscured from 117.5° to 260°.
Pearse Canal							
21870	- ISLAND LIGHT (C)	54 47 06 N 130 36 30 W	FI W 4s	18		White square daymarks on E., S. and W. sides of square skeleton tower.	
Portland Canal							
21875	REEF ISLAND LIGHT	55 04 44 N 130 12 11 W	FI 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 12 N 129 58 24 W	FI W 6s	21	5	Orange circular slatwork daymark on pole.	Visible from 171° to 336°.
21890	Hyder Harbor Entrance Buoy 1	55 54 16 N 130 00 34 W				Green can.	
21895	Salmon River Shoal Buoy 3	55 54 27 N 130 00 20 W				Green can.	
21900	STEWART LIGHT (C)	55 54 42 N 129 59 24 W	FI (3) W 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	12		Square skeleton tower.	
21905	STEWART DOLPHIN WEST LIGHT (C)	55 54 48 N 130 00 06 W	FI (3) G 12s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 6.5s ec.	23		Eight pile on dolphin.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
Nakat Bay							
21910	Tongass Reef Daybeacon	54 47 13 N 130 44 40 W				NR on skeleton tower.	
21915	BOAT ROCK LIGHT	54 46 49 N 130 47 58 W	FI W 2.5s	46	6	NR on skeleton tower.	Obscured from 049° to 210°.
Revillagigedo Channel							
21920	EAST ISLAND LIGHT	54 52 15 N 131 11 45 W	FI W 2.5s	43	7	NR on skeleton tower.	Obscured from 014° to 184°.
21925	FOGGY POINT LIGHT	54 55 26 N 130 58 39 W	FI W 4s	17	6	NR on skeleton tower.	
21930	BLACK ROCK LIGHT	55 01 25 N 131 03 35 W	FI W 6s	55	6	NR on cylindrical house on pyramidal skeleton tower.	
21935	SLATE ISLANDS LIGHT	55 05 17 N 131 03 10 W	FI W 4s	33	5	NR on spindle.	Obscured from 121° to 247°.
21940	MARY ISLAND LIGHT	55 05 57 N 131 10 57 W	FI W 6s	76	6		Obscured from 341° to 150°.
21945	TWIN ISLANDS LIGHT TI	55 08 38 N 131 13 00 W	FI G 6s	19	4	SG on skeleton tower.	Obscured from 324° to 081°.
21950	HOG ROCKS LIGHT	55 10 41 N 131 16 59 W	FI W 4s	23	7	NR on concrete caisson.	
21955	ANGLE POINT LIGHT	55 14 19 N 131 25 37 W	FI W 6s	24	6	NR on skeleton tower.	Obscured from 132° to 288°, high intensity beam on bearing of 119°.
21960	Mastic Rock Daybeacon	55 15 29 N 131 24 03 W				NR on pile.	
21965	SPIRE ISLAND REEF LIGHT SI	55 16 05 N 131 29 59 W	FI G 4s	30	4	SG on square truncated concrete pyramid.	
21970	CUTTER ROCKS LIGHT CR	55 17 18 N 131 31 30 W	FI (2+1) R 6s	11	3	JR on skeleton tower.	
21971	Hole-In-The Wall Breakwater Markers (2)						Private aid.
21973	Mountain Point Daybeacon 2	55 17 36 N 131 32 35 W				TR on skeleton tower.	
21975	MOUNTAIN POINT LIGHT	55 17 37 N 131 32 55 W	FI W 6s	29	6	NR on skeleton tower.	Obscured from 117° to 282°.
21980	Potter Rock Lighted Bell Buoy	55 18 06 N 131 34 40 W	FI (2+1) R 6s		4	Red and green bands.	
Felice Strait							
21985	Indian Rock Lighted Buoy 6	55 01 49 N 131 20 50 W	FI R 4s		3	Red.	
21990	SNIPER ISLAND LIGHT 5	55 00 14 N 131 23 21 W	FI G 6s	20	4	SG on skeleton tower.	
21995	AJAX REEF LIGHT 3	55 00 06 N 131 27 42 W	FI G 4s	31	4	SG on skeleton tower.	
22000	HARRIS ISLAND LIGHT 2	55 00 14 N 131 32 07 W	FI R 6s	16	4	TR on skeleton tower.	Obscured from 294° to 083°.
22005	POINT DAVISON LIGHT	54 59 40 N 131 36 51 W	FI W 6s	33	6	NR on spindle.	Obscured from 138° to 250°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
Tamgas Harbor							
22010	-ENTRANCE LIGHT	55 01 19 N 131 30 50 W	FI W 4s	30	6	NR on skeleton tower.	
22015	- Buoy 1	55 02 03 N 131 31 16 W				Green can.	
Nichols Passage							
22020	<i>Hid Reef Lighted Whistle Buoy 2</i>	55 04 08 N 131 40 31 W	FI R 4s		4	Red.	
West Channel							
22025	Point McCartney Buoy 3	55 06 43 N 131 41 50 W				Green can.	
22030	POINT McCARTEY LIGHT	55 06 49 N 131 42 26 W	FI W 6s	44	5	NR on skeleton tower.	Obscured from 080° to 090°, and from 113° to 197°.
22035	- <i>Lighted Bell Buoy 4</i>	55 08 47 N 131 39 42 W	FI R 2.5s		4	Red.	
East Channel							
22040	- Daybeacon 2	55 09 17 N 131 36 22 W				TR on spindle.	
22045	Kelp Rocks Buoy 1	55 09 29 N 131 37 56 W				Green can.	
22050	WARBURTON ISLAND LIGHT	55 07 56 N 131 38 01 W	FI W 4s	35	5	NR on skeleton tower.	Obscured from 063° to 189°.
22055	GULL ISLAND LIGHT GI	55 08 19 N 131 36 21 W	FI (2+1) R 6s	20	5	JR on spindle.	
22060	DRIEST POINT LIGHT 4	55 10 35 N 131 36 23 W	FI R 6s	29	4	TR on spindle.	Obscured from 177° to 328°.
Port Chester							
22065	METLAKATLA BOAT HARBOR LIGHT 2	55 07 52 N 131 35 08 W	FI R 2.5s	20	4	TR on spindle.	
22070	Metlakatla Inner Harbor Daybeacon 3	55 07 51 N 131 35 07 W				SG on pile.	
22075	Metlakatla Inner Harbor Daybeacon 5	55 07 50 N 131 35 10 W				SG on pile.	
22080	Metlakatla Inner Harbor Daybeacon 7	55 07 48 N 131 35 09 W				SG on pile.	
22085	VILLAGE POINT LIGHT 4	55 07 53 N 131 34 38 W	FI R 4s	40	3	TR on skeleton tower.	
22090	METLAKATLA BREAKWATER LIGHT 1	55 07 43 N 131 34 13 W	FI G 4s	10	4	SG on skeleton tower, concrete base.	
22100	SCRUB ISLAND LIGHT 5	55 08 15 N 131 34 29 W	FI G 6s	10	4	SG on spindle.	
22102	HUB ROCK LIGHT	55 08 20 N 131 33 07 W	FI W 2.5s	20	5	NR on tower.	
22105	SCRUB ISLAND LIGHT 7	55 08 32 N 131 33 57 W	FI G 2.5s	10	4	SG on spindle.	
22107	MORSE ROCK LIGHT 8	55 09 09 N 131 34 14 W	FI R 4s	10	4	TR on pile.	
22110	<i>Lively Rock Lighted Buoy 9</i>	55 09 24 N 131 35 12 W	FI G 4s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
Nichols Passage							
22115	Bailey Rock Daybeacon 2	55 15 26 N 131 36 04 W				TR on spindle.	
22120	BLANK ISLAND LIGHT	55 15 59 N 131 38 23 W	FI W 2.5s	37	6	NR on skeleton tower.	Obscured from 042° to 197.5°.
22125	WALDEN ROCK LIGHT 6	55 16 16 N 131 36 44 W	FI R 6s	20	4	TR on pile.	
Tongass Narrows							
22130	- West Channel Lighted Buoy 2	55 18 01 N 131 36 21 W	FI R 2.5s		3	Red.	
22135	- WEST CHANNEL LIGHT 4	55 19 08 N 131 38 35 W	FI R 4s	18	5	TR on skeleton tower.	Obscured from 126° to 315°.
22140	- West Channel Lighted Buoy 5	55 19 09 N 131 38 53 W	FI G 4s		3	Green.	
22142	Tongass Narrows East Channel Regulatory Buoy	55 19 22 N 131 36 41 W				White with orange bands labeled "7 KTS".	
22145	- East Channel Entrance Buoy 2	55 18 34 N 131 35 15 W				Red nun.	
22147	SAXMAN BREAKWATER LIGHT	55 18 53 N 131 35 46 W	F R	15		On post.	Private aid.
22150	California Rock Lighted Buoy 3	55 18 54 N 131 36 11 W	FI G 4s		4	Green.	
22155	Idaho Rock Lighted Buoy 4	55 19 01 N 131 36 07 W	FI R 4s		4	Red.	
22156	Tongass Narrows West Channel Regulatory Buoy	55 19 31 N 131 39 13 W				White with orange bands labeled "7 KTS".	
22158	COAST GUARD STATION LIGHT	55 19 49 N 131 37 25 W	FI W 4s	4		NR on skeleton tower.	
22162	Alaska General Seafood "AGS" Buoy	55 20 08 N 131 37 59 W	FI W 4s				Private aid.
22165	THOMAS BASIN ENTRANCE LIGHT 2	55 20 18 N 131 38 33 W	FI R 2.5s	28	4	TR on steel tower.	
22175	- East Channel Lighted Buoy 4A	55 20 22 N 131 39 00 W	FI R 4s		4	Red.	Marks 4 fathom shoal.
22176	Ketchikan Berth No. 1 South Pier Light	55 20 18 N 131 23 24 W	F G	12			Private aid.
22190	Pennock Island Reef Lighted Buoy PR	55 20 18 N 131 40 05 W	FI (2+1) G 6s		3	Green and red bands.	
22195	- Wreck Lighted Buoy WR6	55 20 42 N 131 40 20 W	Q R		3	Red.	Marks sunken barge.
Bar Harbor							
22200	- SOUTH ENTRANCE LIGHT 2S	55 20 52 N 131 40 42 W	FI R 4s	11	4	TR on skeleton tower on concrete base.	
22205	- South Entrance Daybeacon 3S	55 20 54 N 131 40 45 W				SG on skeleton tower on concrete base.	
22210	- ENTRANCE LIGHT 2	55 20 54 N 131 41 06 W	FI R 2.5s	8	4	TR on skeleton tower.	
22215	- Entrance Daybeacon 3	55 20 00 N 131 41 07 W				SG on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
22220	- NORTH ENTRANCE LIGHT 2N	55 21 05 N 131 41 21 W	FI R 6s	8	4	TR on caisson.	
	Tongass Narrows						
22225	EAST CLUMP LIGHT 7	55 20 41 N 131 41 20 W	FI G 6s	15	5	SG on square frame.	
22230	- Buoy 9	55 21 51 N 131 43 13 W				Green can.	
22235	MARINE HIGHWAY WHARF LIGHTS (2)		FI R 4s	13	3	On boxes on concrete wharf.	Private aids.
22240	- <i>Lighted Buoy 10</i>	55 22 21 N 131 43 36 W	FI R 2.5s		4	Red.	
22245	LEWIS REEF LIGHT 11	55 22 28 N 131 44 19 W	FI G 2.5s	15	5	SG on concrete pyramid.	
22250	Peninsula Point Reef Buoy 2	55 23 03 N 131 44 28 W				Red nun.	
22255	CHANNEL ISLAND LIGHT 14	55 23 41 N 131 45 53 W	FI R 4s	24	5	TR on skeleton tower on concrete base.	Obscured from 238° to 268°.
22260	<i>Ohio Rock Lighted Buoy OR</i>	55 23 47 N 131 46 20 W	FI (2+1) R 6s		4	Red and green bands.	
22265	REFUGE COVE ENTRANCE LIGHT 2	55 24 04 N 131 45 00 W	FI R 6s	15	4	TR on skeleton tower.	
22267	DANGER ISLAND LIGHT	55 24 05 N 131 46 00 W	FI W 4s	15	3	NR on tower.	
22270	Refuge Cove Daybeacon 3	55 24 07 N 131 45 04 W				SG on pile.	
22275	Refuge Cove Daybeacon 5	55 24 15 N 131 44 50 W				SG on spindle.	
22280	ROSA REEF LIGHT 15	55 24 48 N 131 48 09 W	FI G 6s	24	6	SG on caisson.	
22285	POND REEF LIGHT 16	55 26 14 N 131 48 54 W	FI R 2.5s	13	4	TR on skeleton tower.	
22290	Vallenar Point Buoy 17	55 25 49 N 131 50 28 W				Green can.	
22295	VALLENAR ROCK LIGHT	55 25 52 N 131 51 46 W	FI W 2.5s	18	6	NR on spindle.	
22300	GUARD ISLANDS LIGHT	55 26 45 N 131 52 52 W	FI W 10s	74	17		Emergency light (FI W 6s) of reduced intensity when main light is extinguished.
	Behm Canal						
22305	CLOVER PASSAGE ENTRANCE LIGHT	55 28 43 N 131 48 47 W	FI W 6s	20	6	NR on skeleton tower.	Obscured from 102° to 230°.
22310	Clover Passage Daybeacon CP	55 28 34 N 131 47 58 W				TR on pile.	
22315	Knudson Cove Daybeacon	55 28 21 N 131 47 48 W				NR on pile.	
22320	Knudson Cove Floating Dock Daybeacon	55 28 24 N 131 47 42 W				SG on breakwater.	Private aid.
22325	Hump Island Daybeacon	55 31 03 N 131 45 21 W				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							
22327	BEHM CANAL RANGE FRONT LIGHT	55 32 10 N 131 49 57 W	FI W 2.5s	30	7	KRW and NR on skeleton tower.	
22328	Behm Canal Range Rear Daybeacon 1,600 yards, 212° from front light.	55 31 31 N 131 50 28 W		60		KRW on skeleton tower.	
22330	GRANT ISLAND LIGHT	55 33 16 N 131 43 44 W	FI W 6s	18	7	NR on skeleton tower.	
22335	HELM BAY LIGHT	55 34 50 N 131 55 43 W	FI W 4s	14	7	NR on skeleton tower.	
22337	POINT FRANCIS LIGHT	55 39 49 N 131 49 31 W	FI W 2.5s	32	7	NR on skeleton tower.	
22340	BUSHY POINT LIGHT	55 43 52 N 131 43 56 W	FI W 4s	18	6	NR on skeleton tower.	
22345	BLUFF POINT LIGHT	55 53 03 N 131 44 46 W	FI W 6s	12	6	NR on skeleton tower.	
22350	SNIPE POINT LIGHT	55 55 32 N 131 36 54 W	FI 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 40 N 131 57 24 W	FI W 4s	58	5	NR on skeleton tower.	Obscured from 012° to 165.5°.
22365	MOIRA ROCK LIGHT	55 04 58 N 131 59 54 W	FI W 4s	40	5	NR on skeleton tower.	
22370	SKIN ISLAND LIGHT	55 18 05 N 132 04 22 W	FI W 4s	33	6	NR on skeleton tower.	Obscured from 006° to 152°.
22375	HIGH ISLAND LIGHT	55 24 03 N 132 09 51 W	FI W 6s	40	6	NR on skeleton tower.	Obscured from 330° to 132°.
Kasaan Bay							
22380	SKOWL POINT LIGHT	55 25 39 N 132 16 11 W	FI W 4s	15	5	NR on skeleton tower.	
22400	KASAAN LIGHT	55 32 05 N 132 23 46 W	FI W 4s	12	6	NR on skeleton tower.	Obscured from 120.5° to 302.5°
22401	JARVIS ISLAND LIGHT 1	55 30 24 N 132 33 37 W	FI G 4s	12	4	SG on spindle.	
22403	CLARK BAY LIGHT 2	55 29 56 N 132 35 09 W	FI R 2.5s	8	4	TR on skeleton tower.	Obscured from 042° to 155°.
22405	HOLLIS FERRY TERMINAL EAST DOLPHIN LIGHT	55 29 26 N 132 37 07 W	FI R 6s	32		On dolphin.	Private aid.
22407	HOLLIS FERRY TERMINAL WEST DOLPHIN LIGHT	55 29 25 N 132 37 21 W	F R	34		On dolphin.	Private aid.
22410	Clark Bay Daybeacon 3	55 29 18 N 132 37 05 W				SG on pile.	
Clarence Strait							
22415	CAAMANO POINT LIGHT	55 29 55 N 131 59 02 W	FI W 6s	41	6	NR on steel post.	Obscured from 124° to 276°.
22420	Niblack Point Daybeacon	55 33 01 N 132 07 14 W				NR on post.	
22425	SHIP ISLAND LIGHT	55 35 56 N 132 12 11 W	FI W 4s	40	7	NR on skeleton tower.	Partially obscured by trees between island and main shore from 180° to 305°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
22427	THORNE BAY ENTRANCE LIGHT 2	55 40 45 N 132 27 30 W	FI R 6s	14	4	TR on skeleton tower.	Obscured from 135° to 243°.
22427.5	THORNE BAY CHANNEL LIGHT 3	55 40 43 N 132 27 59 W	FI G 2.5s	15	4	SG on pile.	Obscured from 305° to 055°.
22428	THORNE BAY CHANNEL LIGHT 5	55 40 18 N 132 28 34 W	FI G 4s	29	4	SG on pile.	
22428.5	Thorne Bay Daybeacon 6	55 40 02 N 132 30 12 W				TR on pile.	
22429	THORNE BAY SOUTH ARM LIGHT	55 39 39 N 132 30 10 W	FI W 4s	22	5	NR on pile.	
22429.3	THORNE HARBOR LIGHT	55 40 13 N 132 31 20 W	FI W 10s	6		Steel pile.	Private aid.
22429.5	Thorne Bay Daybeacon 7	55 40 34 N 132 31 39 W				SG on pile.	
22430	Misery Island Daybeacon 1	55 44 39 N 132 16 36 W		15		SG on post.	
22435	Myers Chuck Daybeacon 3	55 44 34 N 132 15 50 W				SG on pile.	
22445	MYERS CHUCK LIGHT 4	55 44 32 N 132 15 48 W	FI R 4s	19	5	TR on skeleton tower.	Obscured from 318° to 041° for vessels transiting Myers Chuck Inner Harbor; obscured from 106° to 041° for vessels transiting Clarence Strait. Higher intensity beam on bearing 264°.
22450	<i>McHenry Ledge Lighted Bell Buoy 2</i>	55 46 47 N 132 18 15 W	FI R 2.5s		4	Red.	
22455	NARROW POINT LIGHT	55 47 27 N 132 28 35 W	FI W 6s	35	6	NR on skeleton tower.	Obscured from 337° to 152°.
22460	RATZ HARBOR ENTRANCE LIGHT	55 53 16 N 132 35 53 W	FI W 4s	20	5	NR on skeleton tower.	
ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)							
Clarence Strait							
22462	Burnett Inlet Buoy 2	56 03 54 N 132 28 19 W				Red nun.	Marks entrance to Burnett Inlet and 1 1/2 fathom shoal.
22465	Point Stanhope Buoy 2	56 00 07 N 132 37 00 W				Red nun.	
22466	COFFMAN COVE LIGHTED BUOY 4	56 00 51 N 132 50 06 W	FI R 2.5s		3	Red.	
22467	COFFMAN COVE LIGHTED BUOY 3	56 01 05 N 132 50 08 W	FI G 6s		3	Green.	
22468	COFFMAN COVE LIGHT 2	56 01 14 N 132 50 18 W	FI R 4s	32	3	TR on tower.	
22469	COFFMAN COVE ENTRANCE LIGHT	56 01 23 N 132 49 38 W	FI W 2.5s	40	4	NR on tower.	
22470	LINCOLN ROCK WEST LIGHT	56 03 24 N 132 41 50 W	FI W 6s	58	8	NR on skeleton tower on concrete base.	
22475	BECK ISLAND LIGHT	56 02 51 N 132 51 45 W	FI W 4s	27	5	NR on skeleton tower.	Obscured from 340° to 061°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
Whale Passage							
22477.5	- Daybeacon 1	56 08 14 N 133 03 22 W				SG on pile.	
22477.7	- Daybeacon 1A	56 07 42 N 133 04 57 W				SG on pile.	
22478	- Daybeacon 2	56 06 45 N 133 04 06 W				TR on pile.	
22478.5	- Daybeacon 3	56 06 35 N 133 04 56 W				SG on pile.	
22478.7	- Daybeacon 4	56 06 31 N 133 04 26 W				TR on pile.	
22479	- Daybeacon 5	56 06 29 N 133 04 35 W				SG on pile.	
22479.3	- Daybeacon 5A	56 06 24 N 133 04 42 W				SG on pile.	
22479.5	- Daybeacon 6					TR on pile.	
Clarence Strait							
22480	KEY REEF LIGHT	56 09 37 N 132 49 47 W	FI W 6s	43	6	NR on pile on truncated concrete pyramid.	
22485	Point Harrington Buoy 4	56 10 41 N 132 44 22 W				Red nun.	
22490	NESBITT REEF LIGHT	56 13 13 N 132 51 50 W	FI W 2.5s	27	5	NR on pile.	
22495	KASHEVAROF PASSAGE LIGHT	56 10 47 N 133 01 18 W	FI W 6s	27	6	NR on skeleton tower.	
22500	Kashevarof Passage Daybeacon 2	56 12 53 N 133 01 20 W		25		TR on pile.	
22505	<i>Snow Passage Lighted Buoy 4</i>	56 16 07 N 132 56 35 W	FI R 6s		4	Red.	
22510	BUSHY ISLAND LIGHT	56 16 35 N 132 57 35 W	FI W 4s	22	6	NR on skeleton tower on brown cylindrical base.	Obscured from 358° to 111°.
22515	<i>Snow Passage Lighted Buoy SP</i>	56 19 11 N 133 05 18 W	FI (2+1) R 6s		4	Red and green bands.	
22520	ROOKERY ISLAND LIGHT	56 18 51 N 133 06 21 W	FI W 4s	40	6	NR on skeleton tower.	Obscured from 353° to 097°.
22525	Bay Point Daybeacon BP	56 20 10 N 133 09 47 W		20		SG on pile.	
Ernest Sound							
22530	EASTERLY ISLAND LIGHT	55 53 47 N 132 05 27 W	FI W 4s	28	6	NR on skeleton tower.	
22535	Brownson Island Rocks Daybeacon BI	55 55 57 N 132 06 50 W				SG on spindle.	
22540	SOUTH NIBLACK ISLANDS LIGHT	56 00 23 N 132 05 28 W	FI W 2.5s	24	5	NR on square frame.	Higher intensity up and down channel.
22545	FOUND ISLAND LIGHT	56 06 11 N 132 04 46 W	FI W 6s	34	7	NR on skeleton tower.	
Zimovia Strait							
22550	Found Island Rock Daybeacon	56 06 50 N 132 04 25 W				NR on spindle on concrete pier.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
22555	- LIGHT 2	56 11 03 N 132 12 50 W	FI R 2.5s	23	4	TR on pile.	
22560	Trap Rock Buoy 3	56 11 15 N 132 13 23 W				Green can.	
22565	Button Island Shoal Buoy 5	56 12 05 N 132 14 54 W				Green can.	
22570	- LIGHT 6	56 12 14 N 132 15 12 W	FI R 2.5s	24	4	TR on pile.	
22575	Double Rock Daybeacon 8	56 12 12 N 132 15 33 W		16		TR on pile.	
22580	- Buoy 9	56 11 52 N 132 15 38 W				Green can.	
22585	- Buoy 10	56 11 55 N 132 15 38 W				Red nun.	
22590	Midchannel Rock Daybeacon	56 12 10 N 132 16 16 W				JR on single steel pile.	
22595	Village Rock Daybeacon 12	56 12 54 N 132 17 38 W		22		TR on single steel pile.	
22600	VILLAGE ISLANDS LIGHT 13	56 12 47 N 132 18 07 W	FI G 4s	17	4	SG on pile.	
22605	Village Islands Rock Daybeacon 15	56 13 08 N 132 19 05 W		22		SG on post on concrete pier.	
22607	- Daybeacon	56 21 34 N 132 22 03 W				NR on spindle.	
22610	HAT ISLAND LIGHT	56 22 31 N 132 25 36 W	FI W 4s	23	6	NR on skeleton tower.	Obscured from 091° to 234°.
Shoemaker Bay							
22615	- SMALLBOAT HARBOR LIGHT 1	56 25 02 N 132 21 11 W	FI G 4s	22	4	SG on pile.	
22620	- SMALLBOAT HARBOR LIGHT 2	56 25 00 N 132 21 09 W	FI R 2.5s	20	3	TR on pile.	
Wrangell Harbor							
22630	- BREAKWATER LIGHT 2	56 28 01 N 132 23 09 W	FI R 4s	21	5	TR on skeleton tower.	
22631	CEMETERY POINT LIGHT 1	56 27 34 N 132 23 07 W	FI G 6s	24	4	SG on skeleton tower.	
22632	CEMETERY POINT LIGHT 2	56 27 32 N 132 23 05 W	FI R 2.5s	24	3	TR on skeleton tower.	
22635	WRANGELL DOCK LIGHTS (4)	56 28 19 N 132 23 17 W	FI G	12		On dock and dolphins.	Private aids.
22640	- Daybeacon 4	56 27 50 N 132 22 48 W		20		TR on pile.	
22645	- Daybeacon 5	56 27 53 N 132 22 46 W		19		SG on pile.	
22650	- Daybeacon 6	56 27 52 N 132 22 44 W		18		TR on pile.	
22655	- Daybeacon 7	56 27 54 N 132 22 45 W		19		SG on pile.	
22660	- Daybeacon 8	56 27 54 N 132 22 42 W		19		TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
22665	Point Highfield Reef Daybeacon	56 28 57 N 132 23 45 W		18		NR on pile.	
	Blake Channel						
22670	BLAKE CHANNEL LIGHT 1	56 12 36 N 131 55 20 W	FI G 4s	28	4	SG on skeleton tower.	Higher intensity beam up channel.
22675	- LIGHT 2	56 20 42 N 132 00 20 W	FI R 4s	17	5	TR on skeleton tower.	Higher intensity beam down channel. Obscured from 133° to 233°.
22678	- LIGHT 4	56 22 36 N 132 05 24 W	FI R 2.5s	8	4	TR on spindle.	
	Eastern Passage						
22680	THE NARROWS LIGHT 5	56 21 49 N 132 06 43 W	FI G 2.5s	12	3	SG on pile.	
22685	- LIGHT 7	56 22 07 N 132 10 18 W	FI G 4s	24	4	SG on skeleton tower.	Higher intensity beam up channel.
22687	AIRPORT RUNWAY ROCK LIGHT	56 29 06 N 132 21 16 W	FI W 6s	15	4	NR on spindle.	
22690	- LIGHT	56 29 38 N 132 22 13 W	FI W 2.5s	13	6	NR on skeleton tower.	
	Stikine Strait						
22695	STEAMER POINT LIGHT	56 13 23 N 132 42 49 W	FI W 4s	30	5	NR on skeleton tower.	Obscured from 213° to 017°.
22700	ROUND POINT LIGHT	56 16 40 N 132 39 27 W	FI W 6s	24	5	NR on spindle.	Obscured from 006.5° to 201.5°
22705	SOUTH CRAIG POINT LIGHT	56 23 24 N 132 37 20 W	FI W 2.5s	24	5	NR on pile.	Obscured from 006° to 178°.
22710	POINT ANCON LIGHT	56 24 18 N 132 33 19 W	FI W 6s	20	6	NR on square frame.	Obscured from 214° to 014°.
22715	Woronkofski Point Daybeacon	56 26 21 N 132 28 51 W		18		NR on skeleton tower.	
22720	VANK ISLAND LIGHT	56 26 55 N 132 36 00 W	FI W 4s	24	7	NR on pile.	Obscured from 110° to 264°.
22725	FIVE MILE ISLAND LIGHT	56 28 14 N 132 30 43 W	FI W 4s	34	5	NR on pile.	Obscured from 329° to 100°.
	Sumner Strait						
22730	POINT COLPOYS LIGHT	56 20 11 N 133 11 54 W	FI W 6s	19	6	NR on skeleton tower.	Obscured from 302° to 102°.
22735	<i>McArthur Reef Lighted Bell Buoy MR</i>	56 23 37 N 133 10 38 W	FI (2+1) G 6s		4	Green and red bands.	
22740	<i>Mitchell Point Lighted Buoy 9</i>	56 25 23 N 133 10 46 W	FI G 6s		4	Green.	
22745	VICHNEFSKI ROCK LIGHT	56 26 18 N 133 00 56 W	FI W 4s	33	6	NR on skeleton tower.	1 1/4 fathom rock, 630 yards 214° from light.
22750	<i>Level Island Lighted Buoy 11</i>	56 27 05 N 133 02 29 W	FI G 4s		4	Green.	
22755	Low Point Daybeacon	56 27 29 N 132 55 40 W				NR on square frame.	
22760	STATION ISLAND LIGHT	56 29 40 N 132 45 48 W	FI W 2.5s	19	5	NR on square frame structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
22765	CRAIG POINT LIGHT	56 27 24 N 132 42 57 W	FI W 6s	11	7	NR on square frame.	Obscured from 301° to 096°.
22770	TWO TREE ISLAND LIGHT	56 29 39 N 132 38 04 W	FI W 6s	22	6	NR on pile.	
22773.1	Blind Slough Buoy 1	56 31 29 N 132 42 13 W				Green.	
22773.2	<i>Blind Slough Lighted Buoy 2</i>	56 31 35 N 132 42 04 W	FI R 2.5s		3	Red.	
22773.3	Blind Slough Buoy 3	56 31 56 N 132 43 08 W				Green.	
Dry Strait							
22775	- LIGHT 1	56 35 02 N 132 32 33 W	FI G 4s	29	4	SG on skeleton tower.	
22780	- Daybeacon 3	56 36 29 N 132 33 06 W		24		SG on skeleton tower.	
22785	- LIGHT 5	56 38 11 N 132 36 44 W	FI G 6s	17	4	SG on square frame.	
Duncan Canal							
22790	Foremost Rock Daybeacon	56 30 07 N 133 00 27 W		20		NR on post.	
22795	BUTTERWORTH ISLAND LIGHT 2	56 32 13 N 133 04 31 W	FI R 2.5s	21	4	TR on frame structure.	
22800	Duncan Daybeacon 3	56 32 28 N 133 05 26 W				SG on frame structure.	
22815	BEECHER PASS LIGHT 4	56 34 47 N 133 04 27 W	FI R 4s	15	3	TR on skeleton tower.	Obscured from 270° to 005°.
22816	Beecher Pass Daybeacon 2	56 35 36 N 133 01 12 W				TR on spindle.	
22820	Duncan Canal Daybeacon	56 38 35 N 133 05 57 W				NR on spindle.	
Wrangell Narrows							
22825	POINT ALEXANDER LIGHT	56 30 33 N 132 57 01 W	FI W 4s	17	7	NR on skeleton tower.	Obscured from 162° to 293°.
22830	MIDWAY ROCK LIGHT MR	56 31 48 N 132 57 54 W	FI (2+1) R 6s	16	4	JR on skeleton tower.	
22835	DECEMBER POINT LIGHT DP	56 32 52 N 132 57 40 W	FI R 6s	15	4	TR on pile.	
22840	POINT LOCKWOOD LIGHT PL	56 33 21 N 132 57 51 W	FI G 4s	15	4	SG on skeleton tower.	Obscured from 027° to 166°.
22845	- CHANNEL LIGHT 1	56 33 57 N 132 58 22 W	FI G 2.5s	22	3	SG on concrete pier.	
22850	- CHANNEL LIGHT 2	56 34 06 N 132 58 10 W	FI R 2.5s	22	3	TR on steel pile structure.	
22855	- <i>Channel Lighted Buoy 2A</i>	56 34 12 N 132 58 19 W	FI R 2.5s		3	Red.	
22860	- <i>Channel Lighted Buoy 3</i>	56 34 15 N 132 58 30 W	FI G 2.5s		3	Green.	
22863	- Daybeacon 4	56 34 22 N 132 58 24 W				TR on steel pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
22865	- CHANNEL LIGHT 4A	56 34 29 N 132 58 27 W	FI R 2.5s	18	3	TR on cylindrical base.	
22870	- <i>Channel Lighted Buoy 5</i>	56 34 33 N 132 58 36 W	FI G 4s		4	Green.	
22875	- Tow Channel Buoy 1TC	56 34 12 N 132 58 04 W				Green can.	
22880	- Tow Channel Buoy 3TC	56 34 23 N 132 58 10 W				Green can.	
22885	- Tow Channel Buoy 4TC	56 34 42 N 132 58 24 W				Red nun.	
22890	- CHANNEL LIGHT 7	56 34 52 N 132 58 39 W	FI G 2.5s	16	3	SG on skeleton tower.	
22895	- CHANNEL LIGHT 8	56 35 39 N 132 58 28 W	FI R 2.5s	9	3	TR on dolphin.	
22900	BURNT ISLAND RANGE FRONT LIGHT	56 36 26 N 132 58 37 W	F Y	10		KRW on multi-pile steel structure.	Visible 4° each side of rangeline.
22905	BURNT ISLAND RANGE REAR LIGHT 390 yards, 356.5° from front light.	56 36 37 N 132 58 39 W	F Y	26		KRW on dolphin.	Visible 4° each side of rangeline.
22910	- <i>Channel Lighted Buoy 9</i>	56 35 55 N 132 58 36 W	FI G 4s		4	Green.	
22915	- CHANNEL LIGHT 10	56 36 06 N 132 58 30 W	Q R	15	3	TR on steel pile structure.	
22916	Wrangell Narrows Daybeacon 10A	56 36 15 N 132 58 29 W				TR on steel pile.	
22920	- CHANNEL LIGHT 11	56 36 26 N 132 58 31 W	FI G 2.5s	15	3	SG on pyramid.	
22925	- Channel Buoy 13	56 36 36 N 132 58 25 W				Green can.	
22930	- Channel Buoy 13A	56 36 41 N 132 58 21 W				Green can.	
22935	- CHANNEL LIGHT 14	56 36 40 N 132 58 16 W	FI R 2.5s	15	3	TR on steel pile structure.	
22940	BUSH TOP ISLAND RANGE FRONT LIGHT	56 37 53 N 132 57 06 W	F Y	15		KRW on steel pile structure.	Visible 4° each side of rangeline.
22945	BUSH TOP ISLAND RANGE REAR LIGHT 460 yards, 029° from front light.	56 38 05 N 132 56 54 W	F Y	28		KRW on skeleton tower.	Visible 4° each side of rangeline.
22950	- CHANNEL LIGHT 15	56 37 23 N 132 57 40 W	FI G 2.5s	15	3	SG on steel pile structure.	
22955	- CHANNEL LIGHT 16	56 37 24 N 132 57 32 W	FI R 2.5s	15	3	TR on steel pile structure.	
22960	- CHANNEL LIGHT 17	56 37 40 N 132 57 17 W	FI G 2.5s	15	3	SG on steel pile structure.	
22965	- CHANNEL LIGHT 18	56 37 50 N 132 56 54 W	FI R 2.5s	19	3	TR on white truncated concrete structure.	
22970	- CHANNEL LIGHT 19	56 38 01 N 132 56 50 W	FI G 2.5s	20	3	SG on steel structure, on cylindrical concrete pier.	
22975	- CHANNEL LIGHT 21	56 38 20 N 132 56 02 W	Q G	15	3	SG on steel pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
22980	BLIND POINT RANGE FRONT LIGHT	56 38 35 N 132 55 25 W	F Y	17	4	KRW on steel pile structure.	Visible 4° each side of rangeline.
22985	BLIND POINT RANGE REAR LIGHT 268 yards, 050.3° from front light.	56 38 40 N 132 55 13 W	F Y	31		KRW on steel pile structure.	
22990	- CHANNEL LIGHT 25	56 38 47 N 132 55 21 W	FIG 2.5s	15	3	SG on pile structure.	
22995	- Channel Lighted Buoy 26	56 38 48 N 132 55 13 W	FIR 4s		3	Red.	
23000	- CHANNEL LIGHT 27	56 38 55 N 132 55 18 W	FIG 2.5s	15	3	SG on dolphin.	
23005	- Channel Lighted Buoy 28	56 39 02 N 132 55 11 W	FIR 4s		3	Red.	
23010	- Channel Lighted Buoy 29	56 39 08 N 132 55 20 W	FIG 2.5s		3	Green.	
23015	- Tow Channel Buoy 5TC	56 38 47 N 132 55 36 W				Green can.	Used by tows with a draft of 9 feet or less.
23020	- Tow Channel Buoy 7TC	56 39 14 N 132 55 26 W				Green can.	Used by tows with a draft of 9 feet or less.
23025	- CHANNEL LIGHT 31	56 39 20 N 132 55 33 W	Q G	13	3	SG on pile on concrete pier.	
23030	- CHANNEL LIGHT 32	56 39 24 N 132 55 28 W	Q R	15	3	TR on steel pile structure.	
23035	- CHANNEL LIGHT 32A	56 39 32 N 132 55 36 W	FIR 4s	15	3	TR on steel pile structure.	
23040	- Channel Lighted Buoy 33	56 39 30 N 132 55 42 W	FIG 4s		4	Green.	
23045	- CHANNEL LIGHT 34	56 39 40 N 132 55 42 W	FIR 2.5s	15	3	TR on dolphin.	
23050	- Channel Lighted Buoy 36	56 39 52 N 132 55 47 W	FIR 4s		3	Red.	
23055	- CHANNEL LIGHT 37	56 39 58 N 132 55 56 W	Q G	21	3	SG on skeleton tower on concrete pier.	
23060	- CHANNEL LIGHT 38	56 40 08 N 132 55 57 W	FIR 2.5s	15	3	TR on dolphin.	
23065	- Channel Daybeacon 39	56 40 06 N 132 56 05 W				SG on spindle on pyramid.	
23070	- CHANNEL LIGHT 40	56 40 16 N 132 56 05 W	FIR 2.5s	21	3	TR on skeleton tower on concrete pier.	
23075	- Channel Lighted Buoy 42	56 40 23 N 132 56 12 W	FIR 4s		3	Red.	
23080	- CHANNEL LIGHT 43	56 41 00 N 132 56 44 W	Q G	13	3	SG on dolphin.	
23085	- CHANNEL LIGHT 44	56 41 04 N 132 56 39 W	FIR 2.5s	15	3	TR on steel pile structure.	
23090	- Channel Lighted Buoy 46	56 41 28 N 132 56 59 W	FIR 2.5s		3	Red.	
23095	- CHANNEL LIGHT 47	56 41 32 N 132 57 08 W	FIG 2.5s	15	3	SG on steel pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
23100	- CHANNEL LIGHT 48	56 41 41 N 132 57 02 W	F I R 2.5s	15	3	TR on dolphin.	
23105	- CHANNEL LIGHT 49	56 41 41 N 132 57 02 W	Q G	12	4	SG on dolphin.	
23110	- CHANNEL LIGHT 50	56 42 16 N 132 56 53 W	F I R 2.5s	15	4	TR on steel pile structure.	
23120	- CHANNEL LIGHT 51	56 44 18 N 132 57 27 W	F I G 6s	43	5	SG on skeleton tower.	Obscured from 349° to 148°.
23123	Beckham's Beach Daybeacon 51A	56 46 13 N 132 58 42 W				SG on pile.	
23125	- CHANNEL LIGHT 52	56 46 52 N 132 58 51 W	F I R 4s	13	4	TR on pile structure.	Higher intensity beam down channel.
23130	Reid Landing Dock Light	56 46 56 N 132 58 40 W	F R	14		On post.	Private aid.
23135	- <i>Channel Lighted Buoy 53</i>	56 48 00 N 132 59 13 W	F I G 4s		4	Green.	
23140	PETERSBURG CREEK RANGE FRONT LIGHT	56 48 28 N 132 59 16 W	F Y	10		KRW on dolphin.	Visible 4° each side of rangeline.
23145	PETERSBURG CREEK RANGE REAR LIGHT 341 yards, 353.2° from front light.	56 48 38 N 132 59 18 W	F Y	24		KRW on dolphin.	Visible 4° each side of rangeline.
23150	- CHANNEL LIGHT 54	56 48 13 N 132 59 09 W	F I R 2.5s	15	3	TR on steel pile structure.	
23155	- CHANNEL LIGHT 56	56 48 22 N 132 59 06 W	Q R	15	3	TR on pile structure.	
23160	- CHANNEL LIGHT 58	56 48 29 N 132 58 57 W	F I R 2.5s	15	3	TR on steel pile structure.	
23165	PETERSBURG BAR RANGE FRONT LIGHT	56 48 22 N 132 59 23 W	F Y	13		KRW on steel pile structure.	Visible 4° each side of rangeline.
23170	PETERSBURG BAR RANGE REAR LIGHT 519 yards, 235.5° from front light.	56 48 14 N 132 59 45 W	F Y	30		KRW on pile structure.	Visible 4° each side of rangeline.
23173	MARINE HIGHWAY TERMINAL LIGHTS (2)	56 48 29 N 132 58 39 W	F R	15		On pier.	Private aids.
23175	PETRO MARINE FUEL DOCK LIGHTS (2)	56 48 37 N 132 58 13 W	F R	13		On pier.	Private aids.
23180	CHATHAM STRAIT SEAFOOD PIER LIGHTS (2)	56 48 46 N 132 57 52 W	F R	18		On building.	Private aids.
23185	- <i>Channel Lighted Buoy 59</i>	56 48 55 N 132 58 02 W	F I G 2.5s		3	Green.	
23190	PETERSBURG FISHERIES INCORPORATED (PFI) DOCK LIGHTS (2)		F R	14		On building.	Private aids.
23191	PETERSBURG FISHERIES INCORPORATED (PFI) DOLPHIN LIGHT	56 48 57 N 132 57 31 W	F R	15		On dolphin.	Private aid.
23195	- <i>Channel Lighted Buoy 60</i>	56 49 02 N 132 57 29 W	F I R 2.5s		4	Red.	
23200	- Channel Daybeacon 61	56 49 31 N 132 56 44 W				SG on post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
23205	- Channel Lighted Buoy 62	56 49 35 N 132 56 04 W	FI R 4s		4	Red.	
23210	- North Entrance Lighted Bell Buoy WN	56 49 46 N 132 55 47 W	Mo (A) W		5	Red and white stripes with red spherical topmark.	

Section 16

Alaska

Frederick Sound, Stephens Passage, Sumner Strait, Keku Strait, Tenakee Inlet, Icy Strait, Glacier Bay and Cross Sound

(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)							
Frederick Sound							
23215	SUKOI ISLETS LIGHT	56 53 44 N 132 56 36 W	FI W 4s	18	6	NR on skeleton tower on concrete pier.	Obscured from 177° to 329°.
23220	Beacon Point Daybeacon BP	56 56 22 N 132 59 45 W				SG on skeleton tower.	
23225	Thomas Bay Entrance Lighted Bell Buoy 2	56 59 06 N 132 57 52 W	FI R 6s		4	Red.	
23230	Thomas Bay Entrance Buoy 1	56 59 16 N 132 58 16 W				Green can.	
23235	Thomas Bay Buoy 4	56 59 54 N 132 57 42 W				Red nun.	
23240	CAPE STRAIT LIGHT	56 59 53 N 133 05 32 W	FI W 6s	30	6	NR on skeleton tower.	Obscured from 314.5° to 120°.
23245	GRAND POINT LIGHT	57 05 28 N 133 11 13 W	FI W 4s	16	7	NR on pile.	Obscured from 189° to 305°.
23250	PORTAGE BAY LIGHT 3	57 00 17 N 133 19 27 W	FI G 4s	16	5	SG on skeleton tower.	Obscured from 201° to 329°.
23255	Portage Bay Daybeacon 2	57 00 31 N 133 19 44 W				TR on skeleton tower.	
23260	CAPE FANSHAW LIGHT	57 11 07 N 133 34 26 W	FI W 4s	33	7	NR on skeleton tower.	Obscured from 210° to 299°.
Stephens Passage							
23265	BIRD ROCK LIGHT 2	57 12 29 N 133 35 24 W	FI R 2.5s	30	5	TR on skeleton tower.	
23270	DUCK POINT LIGHT	57 12 42 N 133 30 59 W	FI W 6s	17	6	NR on skeleton tower.	Obscured from 140° to 257°.
23275	BILL POINT LIGHT	57 15 04 N 133 32 36 W	FI W 4s	12	6	NR on pile.	Obscured from 264° to 338°.
23280	Five Finger Light	57 16 13 N 133 37 53 W	FI W 10s	81	18		Emergency light FI W 6s of reduced intensity when main light is extinguished.
Sumner Strait							
23285	Five Fathom Shoal Lighted Buoy F	56 21 51 N 133 14 03 W	FI (2+1) R 6s		4	Red and green bands.	
23290	THE EYE OPENER LIGHT	56 23 09 N 133 16 37 W	FI W 2.5s	34	7	NR on skeleton tower on brown cylindrical base.	
23295	POINT BAKER LIGHT	56 21 33 N 133 37 05 W	FI W 6s	20	6	NR on skeleton tower.	
23300	Point Baker Anchorage Daybeacon	56 21 20 N 133 37 09 W		22		NR on small house.	
23305	Helm Rock Lighted Buoy 8	56 22 09 N 133 38 34 W	FI R 4s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
23305.1	KEKU STRAIT ENTRANCE LIGHT	56 31 38 N 133 43 49 W	FI W 6s	20	4	NR on pile.	
23305.2	- Daybeacon 2	56 33 55 N 133 43 25 W				TR on pile.	
23305.3	- Daybeacon 4	56 34 48 N 133 42 49 W				TR on pile.	
23305.35	- Daybeacon 4A	56 34 59 N 133 42 32 W				TR on pile.	
23305.4	- Daybeacon 6	56 35 09 N 133 42 08 W				TR on pile.	
23305.5	- Daybeacon 8	56 35 39 N 133 40 55 W				TR on pile.	
23305.6	- Daybeacon 9	56 36 31 N 133 41 05 W				SG on pile.	
23305.7	- Daybeacon 10	56 36 40 N 133 41 00 W				TR on pile.	
23305.8	- Daybeacon 11	56 37 12 N 133 40 55 W				SG on pile.	
23305.9	- Daybeacon 13	56 38 04 N 133 41 07 W				SG on pile.	
23305.95	- Daybeacon 14	56 38 11 N 133 41 09 W				TR on pile.	
23306	- Daybeacon 15	56 38 09 N 133 41 14 W				SG on pile.	
23306.1	- Daybeacon 17	56 38 10 N 133 41 41 W				SG on pile.	
23306.15	- Daybeacon 17A	56 38 13 N 133 42 16 W		15		SG on pile.	
23306.2	- Daybeacon 18	56 38 29 N 133 42 19 W				TR on pile.	
23306.3	- Daybeacon 19	56 38 33 N 133 42 32 W				SG on pile.	
23306.4	- Daybeacon 21	56 39 25 N 133 43 13 W				SG on pile.	
23306.5	- Daybeacon 22	56 39 37 N 133 43 12 W				TR on pile.	
23306.6	- Daybeacon 23	56 39 57 N 133 43 51 W				SG on pile.	
23306.65	- Daybeacon 24	56 40 02 N 133 43 53 W				TR on pile.	
23306.7	- Daybeacon 25	56 40 07 N 133 44 04 W				SG on pile.	
23306.8	- Daybeacon 26	56 40 21 N 133 44 01 W				TR on pile.	
23306.83	- Daybeacon 26A	56 40 40 N 133 43 53 W				TR on pile.	
23306.85	- Daybeacon 27	56 41 58 N 133 44 03 W				SG on pile.	
23306.86	- Daybeacon 28	56 41 04 N 133 44 04 W				TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
23306.9	- Daybeacon 29	56 41 13 N 133 44 14 W				SG on pile.	
23307	- Daybeacon 30	56 41 22 N 133 44 16 W				TR on pile.	
23307.05	- Daybeacon 31	56 41 28 N 133 44 20 W				SG on pile	
23307.1	- Daybeacon 32	56 41 41 N 133 44 00 W				TR on pile.	
23307.2	- Daybeacon 33	56 42 58 N 133 43 53 W				SG on pile.	
23307.3	- Daybeacon 34	56 42 11 N 133 43 55 W				TR on pile.	
23307.35	- Daybeacon 34A	56 42 48 N 133 44 00 W				TR on pile.	
23307.4	- Daybeacon 35	56 42 49 N 133 44 09 W				SG on pile.	
23307.5	- Daybeacon 36	56 43 15 N 133 44 32 W				TR on pile.	
23307.6	- Daybeacon 37	56 46 42 N 133 43 41 W				SG on pile.	
23307.7	- Daybeacon 39	56 47 12 N 133 44 46 W				SG on pile.	
23307.8	- Daybeacon 41	56 47 19 N 133 45 54 W				SG on pile.	
23307.9	- Daybeacon 42	56 47 32 N 133 46 09 W				TR on pile.	
23308	- Daybeacon 43	56 48 17 N 133 47 54 W				SG on pile.	
23308.1	KEKU STRAIT ENTRANCE ISLAND LIGHT	56 48 39 N 133 47 50 W	FI W 2.5s		4	NR on skeleton tower.	
	Keku Strait						
23310	SALT POINT LIGHT	56 50 41 N 133 52 01 W	FI W 6s	17	3	NR on pile.	Obscured from 168° to 259°.
23315	KAKE ENTRANCE LIGHT 2	56 59 05 N 134 01 18 W	FI R 2.5s	27	5	TR on spindle.	
23320	Kake Flats Buoy 5	56 58 14 N 133 57 17 W				Green can.	
23325	KAKE HARBOR LIGHT 7	56 58 15 N 133 56 57 W	FI G 2.5s	25	4	SG on spindle.	
23327	<i>Kake Channel Lighted Buoy 3</i>	56 59 20 N 133 59 30 W	FI G 4s		4	Green.	
23330	Kake Harbor Daybeacon 1	56 58 23 N 133 56 51 W				SG on post.	
23335	Kake Cannery Flats Buoy 9	56 57 52 N 133 56 12 W				Green can.	
23337	KAKE SALMON PEN LIGHT	56 57 57 N 133 55 41 W	FI W 2.5s	10		On small house.	Maintained from May 1 to Sept. 30. Private aid.
23340	KAKE HARBOR LIGHT	56 57 39 N 133 57 10 W	FI W 4s	16	5	NR on square frame.	Obscured from 285° to 097°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
23342	KAKE FERRY TERMINAL NORTH LIGHT	56 57 42 N 133 55 19 W	FI R 6s	32		On dolphin.	Private aid.
23343	KAKE FERRY TERMINAL MIDDLE LIGHT	56 57 39 N 133 55 18 W	F R	32		On dolphin.	Private aid.
23344	KAKE FERRY TERMINAL SOUTH LIGHT	56 57 36 N 133 55 16 W	F R	32		On dolphin.	Private aid.
23345	Sealaska Timber Company Mooring Buoys (3)	56 57 35 N 133 55 42 W				White cans.	Private aids.
Portage Pass							
23350	- LIGHT 10	56 57 25 N 133 55 26 W	FI R 4s	15	4	TR on pile.	
23355	- Daybeacon 11	56 57 03 N 133 54 23 W				SG on pile.	
23360	- LIGHT 13	56 56 47 N 133 53 56 W	FI G 2.5s	15	3	SG on skeleton tower.	
Burnt Island Channel							
23361	- Daybeacon 2	56 56 43 N 133 56 06 W		8		TR on pile.	
23362	Burnt Island Channel Daybeacon 4	55 56 45 N 133 55 14 W				TR on pile.	
23363	Burnt Island Channel Daybeacon 3	56 56 49 N 133 55 34 W				SG on pile.	
Sumner Strait							
23365	<i>Strait Island Lighted Bell Buoy 7</i>	56 22 25 N 133 42 01 W	FI G 6s		4	Green.	
23370	WEST ROCK LIGHT	56 21 12 N 133 38 14 W	FI W 2.5s	20	6	NR on skeleton tower.	
23375	Port Protection Daybeacon	56 20 15 N 133 38 08 W		18		NR on single steel pile.	
23380	PORT PROTECTION LIGHT	56 19 35 N 133 36 45 W	FI W 6s	19	6	NR on pile.	Obscured from 290° to 095°.
23385	BEAUCLERC ISLAND LIGHT	56 15 27 N 133 51 16 W	FI W 2.5s	30	6	NR on skeleton tower.	Obscured from 049° to 186°.
23390	<i>Calder Rocks Lighted Buoy 6</i>	56 15 36 N 133 43 23 W	FI R 4s		5	Red.	
23395	<i>Barrier Island Lighted Bell Buoy 4</i>	56 12 36 N 133 42 04 W	FI R 6s		4	Red.	
23400	<i>Amelius Island Shoal Lighted Buoy 5</i>	56 10 11 N 133 49 43 W	FI G 2.5s		4	Green.	
Shakan Bay							
23405	- LIGHT	56 08 57 N 133 37 33 W	FI W 4s	25	6	NR on skeleton tower on small house.	Obscured from 314° to 048°.
23410	Hamilton Island Daybeacon	56 07 52 N 133 34 14 W		16		NR on square frame.	
23415	Shakan Strait Daybeacon	56 07 45 N 133 30 19 W		20		NR on square frame.	
23416	Shakan Strait Buoy SS	56 07 42 N 133 29 59 W				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							
23417	Shakan Strait Buoy 1	56 09 14 N 133 28 45 W				Green can.	
23418	Shakan Strait Buoy 2	56 09 20 N 133 28 32 W				Red nun.	
23419	Shakan Strait Buoy 4	56 09 40 N 133 28 30 W				Red nun.	
Sumner Strait							
23420	<i>Point St. Albans Reef Lighted Whistle Buoy 3</i>	56 05 12 N 133 54 35 W	FI G 4s		4	Green.	
23425	FISHERMANS HARBOR LIGHT	55 58 02 N 133 47 43 W	FI W 4s (R sector)	17	4	NR on skeleton tower.	Red sector from 150° to 197°.
23430	Fishermans Harbor Daybeacon 1	55 58 20 N 133 48 00 W				SG on spindle.	
23435	LEMON POINT ROCK LIGHT	56 04 22 N 134 06 42 W	FI W 6s	26	5	NR on skeleton tower.	
23440 1020	Cape Decision Light	56 00 05 N 134 08 09 W	FI W 5s	96	18		Obscured from 134° to 245°. Emergency light FI W 6s of reduced intensity when main light is extinguished.
23445	SPANISH ISLANDS LIGHT	55 59 13 N 134 06 17 W	FI W 6s	38	7	NR on skeleton tower.	Obscured from 263° to 061°.
23450 1015	HELM POINT LIGHT	55 49 35 N 134 16 11 W	FI 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 N 134 15 32 W	FI W 4s	45	6	NR on skeleton tower.	Obscured from 174° to 330°.
23460 1025	CAPE OMMANEY LIGHT	56 09 37 N 134 39 40 W	FI W 6s	195	8	NR on monopile.	Obscured from 293° to 061°.
Port Alexander							
23465	- LIGHT	56 14 23 N 134 38 59 W	FI W 4s (R sector)	68	5	NR on skeleton tower.	Red sectors from 225° to 252° and 330° to 347°. Obscured from 347° to 061°.
23470	- Entrance Buoy 2	56 14 26 N 134 38 53 W				Red nun.	
23475	- RANGE FRONT LIGHT	56 14 41 N 134 39 08 W	Q G	14		KRW on skeleton tower on concrete pier.	Visible all around.
23480	- RANGE REAR LIGHT 65 yards, 334° from front light.	56 14 43 N 134 39 10 W	Iso G 6s	29		KRW on skeleton tower on concrete pier.	Visible all around.
Chatham Strait							
23485	POINT HARRIS LIGHT	56 17 25 N 134 17 58 W	FI W 6s	32	7	NR on skeleton tower.	Obscured from 180° to 313°.
23490	PORT WALTER LIGHT	56 23 15 N 134 38 11 W	FI W 4s	20	6	NR on skeleton tower.	Obscured from 308° to 037°.
23495	TEBENKOF BAY LIGHT 1	56 27 05 N 134 08 24 W	FI G 4s	14	4	SG on skeleton tower.	
23500	Tebenkof Bay Daybeacon 3	56 25 39 N 134 06 32 W				SG on post on pyramidal concrete pier.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
23505	PATTERSON POINT LIGHT	56 32 23 N 134 38 16 W	FI W 2.5s	50	6	NR on spindle.	
23510	POINT ELLIS LIGHT	56 34 00 N 134 19 59 W	FI W 4s	30	7	NR on spindle.	
23515	WASHINGTON BAY LIGHT	56 43 05 N 134 23 42 W	FI W 4s	33	6	NR on spindle.	
23520	HOGGATT BAY LIGHT	56 45 51 N 134 39 22 W	FI W 2.5s	40	5	NR on skeleton tower.	Obscured from 134° to 307°.
23525	KINGSMILL POINT LIGHT	56 50 36 N 134 25 12 W	FI W 6s	25	6	NR on pile.	Obscured from 207° to 005°.
23530	POINT GARDNER LIGHT	57 00 36 N 134 36 58 W	FI W 4s	65	7	NR on skeleton tower.	
23535	<i>Yasha Island Shoal Lighted Buoy 2</i>	56 58 53 N 134 34 36 W	FI R 6s		4	Red.	
Frederick Sound							
23540	SECURITY BAY LIGHT 1	56 52 25 N 134 22 26 W	FI G 4s	32	4	SG on skeleton tower.	Obscured from 235° to 323°.
23545	CORNWALLIS POINT LIGHT	56 55 55 N 134 16 25 W	FI W 4s	34	6	NR on spindle.	Obscured from 140° to 315°.
23550	POINT MACARTNEY LIGHT	57 01 30 N 134 03 31 W	FI W 6s	20	6	NR on pile.	Obscured from 200° to 329°.
23555	WEST PINTA ROCKS LIGHT	57 05 10 N 134 00 43 W	FI W 2.5s	30	6	NR on pile.	
23560	East Pinta Rocks Buoy 1	57 05 33 N 133 58 27 W				Green can.	
23565	DEEPWATER POINT LIGHT	57 10 19 N 134 14 09 W	FI W 4s	17	5	NR on skeleton tower.	Obscured from 180° to 288°.
23570	TURNABOUT ISLAND LIGHT	57 07 55 N 133 59 16 W	FI 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 16 01 N 134 05 00 W	FI W 4s	18	6	NR on spindle.	Obscured from 031° to 167°.
23580	ROUND ROCK LIGHT	57 15 35 N 133 56 13 W	FI W 6s	49	6	NR on skeleton tower.	
Stephens Passage							
23585	False Point Pybus Daybeacon	57 21 07 N 133 52 33 W				NR on skeleton tower.	
23590	<i>McDonald Rock Lighted Buoy MR</i>	57 25 06 N 133 37 50 W	FI (2+1) R 6s		4	Red and green bands.	
23595	HOBART BAY LIGHT 2	57 23 57 N 133 27 56 W	FI R 4s	30	4	TR on steel post.	
23600	POINT GAMBIER LIGHT	57 26 08 N 133 50 27 W	FI W 4s	38	6	NR on skeleton tower.	Obscured from 083° to 217°.
23605	GAMBIER BAY ENTRANCE LIGHT 2	57 27 54 N 133 55 13 W	FI R 6s	16	4	TR on skeleton tower.	
23610	WINDHAM BAY ENTRANCE LIGHT	57 33 42 N 133 32 36 W	FI W 6s	35	6	NR on small house.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
23615	POINT HUGH LIGHT	57 37 12 N 133 48 26 W	FI W 6s	34	6	NR on skeleton tower.	Obscured from 351.5° to 173°.
23620	WOOD SPIT LIGHT	57 44 18 N 133 34 30 W	FI W 2.5s	27	5	NR on tower on concrete base.	
23625	HOLKHAM BAY RANGE FRONT LIGHT	57 46 03 N 133 38 40 W	Q W		5	KRW on skeleton tower.	Light maintained from May 1 to Oct. 1.
23630	HOLKHAM BAY RANGE REAR LIGHT Bearing 211.3° true from front light.	57 46 02 N 133 38 41 W	Oc W 4s	12	4	KRW on skeleton tower.	Light maintained from May 1 to Oct. 1.
23631	Holkham Bay Buoy 1	57 46 58 N 133 37 54 W				Green can.	Maintained from May 1 to Oct. 1.
23632	Holkham Bay Buoy 2	57 46 48 N 133 37 32 W				Red nun.	Maintained from May 1 to Oct. 1.
23633	Tracy Arm Daybeacon	57 47 29 N 133 37 53 W				NB on pile.	Ra ref.
23635	TRACY ARM SECTOR LIGHT	57 49 23 N 133 34 27 W	Oc RWG 6s 4s fl 2s ec.			NR on tower.	Light maintained from May 1 to Oct. 1. Red sector from 033.5° to 034.65°. White sector from 034.65° to 035.85°. Green sector from 035.84° 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 N 133 48 51 W	FI W 4s	83	6	NR on skeleton tower.	Obscured from 162° to 210°.
23645	GRAVE POINT LIGHT	58 03 44 N 134 03 04 W	FI W 2.5s	45	6	NR on skeleton tower.	Obscured from 156° to 280°.
23650	GRAND ISLAND LIGHT	58 05 58 N 134 06 28 W	FI W 6s	47	6	NR on skeleton tower.	Obscured from 335° to 116°.
23655	POINT ARDEN LIGHT	58 09 33 N 134 10 41 W	FI W 4s	50	6	NR on skeleton tower.	Obscured from 332° to 118°.
Gastineau Channel							
23660	MARMION ISLAND LIGHT	58 11 55 N 134 15 24 W	FI W 6s	50	6	NR on skeleton tower.	Obscured from 022° to 147°.
23665	SHEEP CREEK LIGHT 2	58 15 28 N 134 19 52 W	FI R 4s	12	5	TR on small house on square pile structure.	Higher intensity beam down channel.
23675	JUNEAU ISLE LIGHT	58 16 35 N 134 23 04 W	FI W 2.5s	15	6	NR on skeleton tower.	
23680	DOUGLAS BOAT HARBOR LIGHT 1D	58 16 35 N 134 23 14 W	FI G 4s	17	4	SG on skeleton tower.	
23685	<i>Rock Dump Lighted Buoy 2A</i>	58 17 08 N 134 23 50 W	Q R		3	Red.	
23690	LAWSON CREEK BAR LIGHT 3	58 17 17 N 134 24 26 W	FI G 2.5s	22	4	SG on dolphin.	Higher intensity beam down channel.
23695	- LIGHT 4	58 17 49 N 134 25 22 W	FI R 2.5s	15	3	TR on dolphin.	
23705	HARRIS HARBOR LIGHT 1H	58 18 04 N 134 25 46 W	FI 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
ALASKA - Seventeenth District							
23710	AURORA BASIN LIGHT 1A	58 18 16 N 134 25 59 W	FI G 2.5s	25	3	SG on breakwater.	
23720	AURORA BASIN LIGHT 1B	58 18 26 N 134 25 25 W	FI G 4s	31	4	SG on skeleton tower.	
23722	Norway Point Mooring Buoys (2)	58 18 31 N 134 26 31 W				White spherical.	Private aids.
Mendenhall Bar Channel							
23725	- LIGHT 5	58 19 05 N 134 27 27 W	FI G 6s	15	4	SG on dolphin.	Tide gauge shows depth over bar. HORN: 2 blasts ev 30s (2s bl- 2s si-2s bl-24s si). Operates continuously.
23730	- Buoy 7	58 19 22 N 134 27 54 W				Green can.	
23735	Mendenhall Bar Channel Buoy 8	58 19 32 N 134 28 33 W				Red nun.	Aid maintained Apr. 01 to Oct. 15.
<i>Buoys maintained from Apr. 01 to Oct. 15 Positioned to mark best passage. Route requires local knowledge, extreme caution due to shifting shoals.</i>							
23735.1	- Buoy 9	58 19 29 N 134 28 35 W				Green can.	
23735.11	- Buoy 10B					Red nun.	
23735.12	- Buoy 11B					Green can.	
23735.13	- Buoy 12					Red nun.	
23735.14	- Buoy 13					Green can.	
23735.15	- Buoy 8A	58 19 40 N 134 29 00 W				Red nun.	
23735.16	- Buoy 13A					Red nun.	
23735.2	- Buoy 9A	58 19 38 N 134 29 02 W				Green can.	
23735.25	- Buoy 8B					Red nun.	
23735.3	- Buoy 9B					Green can.	
23735.35	- Buoy 10	58 20 03 N 134 29 37 W				Red nun.	
23735.4	- Buoy 11	58 20 05 N 134 29 40 W				Green can.	
23735.45	- Buoy 10A	58 20 16 N 134 30 25 W				Red nun.	
23735.5	- Buoy 11A	58 20 14 N 134 30 28 W				Green can.	
23735.55	- Buoy 10B	58 20 26 N 134 30 50 W				Red nun.	
23735.6	- Buoy 11B	58 20 24 N 134 30 52 W				Green can.	
23735.65	- Buoy 12	58 20 48 N 134 31 32 W				Red nun.	
23735.7	- Buoy 13					Green can.	
23735.75	- Buoy 12A					Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
23735.8	- Buoy 13A	58 20 47 N 134 31 50 W				Green can.	
23735.9	- Buoy 11A					Green can.	
23740	- Daybeacon 14	58 20 50 N 134 32 18 W				TR on pile.	
23745	- Daybeacon 15	58 20 44 N 134 32 36 W				SG on dolphin.	
23750	- Daybeacon 17	58 20 38 N 134 34 10 W				SG on dolphin.	
23755	- Daybeacon 18	58 20 40 N 134 35 14 W				TR on dolphin.	
23760	- Daybeacon 19	58 20 24 N 134 35 42 W				SG on dolphin.	
23765	- Daybeacon 19A	58 20 14 N 134 36 42 W				SG on dolphin.	
23770	- LIGHT 21	58 19 55 N 134 36 53 W	FI G 4s	15	4	SG on dolphin.	Tide gauge shows depth over bar.
Stephens Passage							
23775	POINT HILDA LIGHT	58 13 02 N 134 30 23 W	FI W 6s	20	5	NR on skeleton tower.	Obscured from 080° to 274°.
23780	Inner Point Daybeacon	58 13 52 N 134 35 22 W				NR on skeleton tower.	
23785	MIDDLE POINT LIGHT	58 14 54 N 134 37 44 W	FI W 4s	20	5	NR on skeleton tower on rock.	
23790	HORSE SHOAL LIGHT 1	58 15 16 N 134 42 11 W	FI G 6s	15	4	SG on pile.	
23792	COLT ISLAND LIGHT	58 17 02 N 134 44 26 W	FI W 4s	24	5	NR on pile.	
23795	GEORGE ROCK LIGHT	58 18 56 N 134 42 02 W	FI W 6s	17	6	NR on skeleton tower.	
23800	GIBBY ROCK LIGHT 2	58 19 36 N 134 41 19 W	FI R 6s	30	4	TR on post.	
23801	Coghlan Island Buoy 1	58 21 50 N 134 42 01 W				Green can.	
23802	Auke Bay Boat Harbor Daybeacon 1	58 22 57 N 134 39 15 W				SG on steel pile.	
23803	AUKE BAY BOAT HARBOR LIGHT 2	58 22 57 N 134 39 11 W	FI R 2.5s	17	3	TR on post.	
23804	AUKE BAY BREAKWATER LIGHTS (4)	58 23 08 N 134 38 54 W	FI Y 4s	10		NY on post.	Private aids.
23805	PORTLAND ISLAND LIGHT	58 21 07 N 134 45 31 W	FI W 2.5s	20	6	NR on pile.	Obscured from 328° to 338°.
23810	Strauss Rock Buoy SR	58 21 36 N 134 48 31 W				Green and red bands; can.	
Lynn Canal							
Favorite Channel							
23815	SHELTER ISLAND LIGHT	58 22 33 N 134 48 28 W	FI W 4s	19	7	NR on skeleton tower.	Obscured from 020° to 158°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
23820	Point Stephens Rock Buoy 2	58 25 20 N 134 46 09 W				Red nun.	
23825	TEE HARBOR LIGHT	58 25 41 N 134 45 59 W	FI W 6s	33	6	NR on skeleton tower.	Obscured from 150° to 325°.
23835	Cohen Reef Daybeacon CR	58 25 54 N 134 48 15 W				JG on spindle.	
23840	AARON ISLAND LIGHT 2	58 26 18 N 134 49 32 W	FI R 2.5s	20	4	TR on skeleton tower.	
23845	<i>Poundstone Rock Lighted Bell Buoy PR</i>	58 31 44 N 134 56 01 W	FI (2+1) R 6s		4	Red and green bands.	
23850	Sentinel Island Light	58 32 46 N 134 55 22 W	FI W 10s	86	14		Obscured from 152° to 296°.
23855	LITTLE ISLAND LIGHT	58 32 25 N 135 02 50 W	FI W 4s	50	7	NR on skeleton tower.	
23860	VANDERBILT REEF LIGHT	58 35 27 N 135 01 07 W	FI W 2.5s	36	6	NR on skeleton tower on concrete pier.	Higher intensity beam up channel.
23865	POINT SHERMAN LIGHT	58 51 17 N 135 09 07 W	FI W 4s	47	6	NR on spindle.	
23870	SULLIVAN ISLAND LIGHT	58 53 53 N 135 18 09 W	FI 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 Marks rock.	58 57 57 N 135 21 17 W		30		TR on spindle.	
23880	ELDRED ROCK LIGHT	58 58 15 N 135 13 15 W	FI W 6s	91	8		Higher intensity beam up Chilkoot Inlet. Higher intensity beam down Lynn Canal.
23885	CHILKOOT INLET EAST LIGHT	59 00 59 N 135 11 49 W	FI W 2.5s	25	5	NR on skeleton tower.	Obscured from 166° to 337°.
23890	TALSANI ISLAND LIGHT	59 04 42 N 135 16 25 W	FI W 6s	16	6	NR on skeleton tower.	Obscured from 325° to 133°.
23895	LETNIKOF COVE LIGHT 2	59 10 25 N 135 24 02 W	FI R 4s	25	4	TR on small house.	Obscured from 256° to 358°.
Chilkoot Inlet							
23900	KATZEHIN RIVER FLATS LIGHT 4	59 11 44 N 135 20 01 W	FI R 6s	28	4	TR on pile.	
23905	BATTERY POINT LIGHT	59 12 37 N 135 21 55 W	FI W 4s	60	6	NR on skeleton tower.	Obscured from 325° to 157°.
23908	PORT CHILKOOT MOORING DOLPHIN LIGHTS (2)	59 13 50 N 135 26 05 W	FI R 6s	29		On piles.	Private aids.
23910	HAINES SMALL BOAT HARBOR LIGHT 2	59 13 57 N 135 26 18 W	FI R 2.5s	26	3	TR on skeleton tower.	
23915	Nukdik Point Daybeacon 1	59 14 39 N 135 25 18 W		30		SG on post.	
23920	INDIAN ROCK LIGHT	59 16 24 N 135 24 02 W	FI W 6s	15	7	NR on pile structure.	Higher intensity beam down Chilkoot Inlet.
23925	TAIYA INLET BREAKWATER LIGHT	59 24 25 N 135 20 32 W	FI W 6s				Private aid.
Taiya Inlet							
23930	SKAGWAY TERMINAL 2 DOCK LIGHT	59 26 54 N 135 19 48 W	F R	30		On mooring dolphin.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
23935	SKAGWAY BREAKWATER LIGHT 2	59 26 56 N 135 19 21 W	FI R 4s	19	4	TR on skeleton tower.	
23937	SKAGWAY TERMINAL DOCK LIGHT	59 26 58 N 135 19 34 W	FI R 4s			On dolphin.	Private aid.
23940	- LIGHT	59 26 47 N 135 21 43 W	FI W 2.5s	20	5	NR on skeleton tower.	
Saginaw Channel							
23945	FAVORITE REEF LIGHT 2	58 22 50 N 134 51 42 W	FI R 4s	33	5	TR on spindle.	
23950	<i>Faust Rock Lighted Bell Buoy FR</i>	58 25 06 N 134 55 40 W	FI (2+1) R 6s		4	Red and green bands.	
23955	POINT RETREAT LIGHT	58 24 41 N 134 57 18 W	FI W 6s	63	8		
23960	FALSE POINT RETREAT LIGHT 4	58 22 11 N 134 58 12 W	FI R 6s	25	3	TR on skeleton tower.	
23965	LYNN CANAL SOUTHWEST LIGHT	58 20 01 N 135 02 59 W	FI W 4s	33	5	NR on skeleton tower.	Obscured from 358° to 168°.
23970	NAKED ISLAND LIGHT	58 15 20 N 134 56 44 W	FI W 6s	44	7	NR on square tower.	
23975	FUNTER BAY ENTRANCE LIGHT 1	58 14 37 N 134 55 00 W	FI G 2.5s	16	4	SG on pedestal on house.	Obscured from 114° to 248°.
23980	Funter Bay Buoy 3	58 14 32 N 134 54 16 W				Green can.	
CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)							
Chatham Strait							
23985	WARM SPRING BAY LIGHT	57 04 48 N 134 46 32 W	FI W 4s	27	7	NR on skeleton tower.	Obscured from 308° to 101°.
23990	POINT LULL LIGHT	57 18 34 N 134 48 24 W	FI W 4s	50	6	NR on skeleton tower.	
Hood Bay							
23995	<i>- Entrance Lighted Buoy 2</i>	57 25 04 N 134 33 23 W	FI R 6s		4	Red.	
24000	- Buoy 1	57 25 29 N 134 32 58 W				Green can.	
Killisnoo Harbor							
24005	<i>- Entrance Lighted Buoy 2</i>	57 27 42 N 134 34 27 W	FI R 2.5s		4	Red.	
24010	- LIGHT 3	57 27 57 N 134 33 58 W	FI G 6s	23	4	SG on spindle.	
24015	Lone Rock Daybeacon 4	57 27 53 N 134 33 33 W				TR on pile.	
24020	<i>- Lighted Buoy 6</i>	57 28 17 N 134 33 49 W	FI R 4s		3	Red.	
24023	ANGOON FERRY TERMINAL LIGHT	57 28 19 N 134 34 00 W	FI R 6s	32		On dolphin.	Private aid.
24025	- LIGHT 7	57 28 16 N 134 34 11 W	FI G 4s	16	4	SG on small house on skeleton structure on concrete pier.	
24030	Killisnoo Island Reef Buoy 2	57 28 41 N 134 36 00 W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
Chatham Strait							
24035	<i>Morris Reef Lighted Bell Buoy 35</i>	57 27 46 N 134 48 28 W	FI G 4s		4	Green.	
24040	<i>Kenasnow Rock Lighted Buoy 2</i>	57 29 59 N 134 36 21 W	FI R 2.5s		4	Red.	
24045	DANGER POINT LIGHT	57 30 55 N 134 36 25 W	FI W 6s	30	7	NR on skeleton tower on concrete pier.	
Kootznahoo Inlet							
24050	- LIGHT 2	57 30 18 N 134 34 59 W	FI R 4s	14	5	TR on post.	
24055	- Daybeacon 4	57 30 02 N 134 34 41 W				TR on steel post.	
24060	- Daybeacon 6	57 29 57 N 134 34 09 W				TR on pile.	
STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)							
Tenakee Inlet							
24065	- ENTRANCE LIGHT 1	57 46 20 N 134 56 04 W	FI G 4s	33	5	SG on spindle.	
24070	- Daybeacon 2	57 46 30 N 135 08 22 W				TR on spindle.	
24075	- Daybeacon T	57 50 40 N 135 24 57 W				JR on spindle.	
24080	- LIGHT 4	57 46 29 N 135 11 56 W	FI R 6s	30	4	TR on small house.	
24083	TENAKEE BOAT HARBOR ENTRANCE LIGHT 1	57 46 38 N 135 12 24 W	FI G 4s	15	4	SG on pile.	
24085	TENAKEE REEF LIGHT	57 46 12 N 135 13 40 W	FI W 4s	23	5	NR on small house on skeleton tower.	
24090	Tenakee Reef Daybeacon	57 46 35 N 135 14 06 W				NR on pile.	
Chatham Strait							
24100	- LIGHT 20	58 02 41 N 134 48 33 W	FI R 4s	35	4	TR on skeleton tower.	Obscured from 175° to 353°.
24105	POINT AUGUSTA LIGHT	58 02 22 N 134 57 08 W	FI W 4s	48	6	NR on skeleton tower.	Obscured from 290° to 135°.
Hawk Inlet							
24107	- Buoy 2	58 04 39 N 134 47 56 W				Red nun.	
24109	- Daybeacon 3	58 05 33 N 134 47 04 W				SG on pile.	
24111	- LIGHT 5	58 05 37 N 134 46 42 W	FI G 4s	33	4	SG on pile.	
24112	- RANGE FRONT LIGHT	58 04 59 N 134 46 31 W	Q W	19		KRW on single pile.	
24113	- RANGE REAR LIGHT	58 04 55 N 134 46 27 W	Iso W 6s	23		KRW on single pile.	
24114	- LIGHT 6	58 56 57 N 134 46 23 W	FI R 4s	33	4	TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
24115	- EAST SHOAL LIGHT 8	58 06 12 N 134 46 22 W	FI R 2.5s	20	4	TR on spindle.	
24117	- ENTRANCE LIGHT	58 06 32 N 134 46 29 W	FI W 4s	13	5	NR on skeleton tower.	Obscured from 006° to 264°.
Icy Strait							
24120	HANUS REEF LIGHT	58 07 50 N 135 00 00 W	FI W 2.5s	25	6	NR on skeleton tower on concrete pier.	
24125	ROCKY ISLAND LIGHT 13	58 10 39 N 135 03 07 W	FI G 4s	43	4	SG on square frame.	
24130	SWANSON HARBOR ENTRANCE LIGHT 2	58 11 35 N 135 04 43 W	FI R 6s	21	4	TR on skeleton tower.	Obscured from 144° to 299°.
24132	Swanson Harbor Channel Stakes (about 10)	58 13 06 N 135 07 00 W		8		Pilings.	Tide guages show least depth. Private aids.
24135	THE SISTERS LIGHT	58 10 17 N 135 15 20 W	FI W 4s	69	7	On FAA radio tower.	
24140	SPASSKI ISLAND LIGHT 12	58 07 58 N 135 16 18 W	FI R 6s	30	5	TR on small house.	Obscured from 315° to 088°.
24150	HOONAH BREAKWATER LIGHT 2	58 06 31 N 135 27 01 W	FI R 4s	38	3	TR on spindle.	
24155	HOONAH BREAKWATER LIGHT 3	58 06 25 N 135 26 55 W	FI G 2.5s	38	3	SG on post.	
24160	PORT FREDERICK LIGHT 3	58 07 57 N 135 27 55 W	FI G 6s	26	4	SG on skeleton tower.	Obscured from 245° to 357°. Higher intensity beam on bearing 042°.
24165	<i>Pinta Rock Lighted Bell Buoy 2</i>	58 10 00 N 135 27 14 W	FI R 4s		4	Red.	
24170	<i>Pleasant Island Lighted Bell Buoy 11</i>	58 18 23 N 135 39 19 W	FI G 2.5s		4	Green.	
24175	POINT ADOLPHUS LIGHT	58 17 10 N 135 46 59 W	FI W 4s	20	5	NR on small house.	Obscured from 305° to 122°.
24180	ICY PASSAGE LIGHT 2	58 23 11 N 135 37 43 W	FI R 6s	22	4	TR on skeleton tower.	
24185	<i>Gustavus Lighted Buoy 1</i>	58 23 12 N 135 44 44 W	FI G 4s		3	Green.	
24190	Ancon Rock Buoy 2	58 22 24 N 135 55 56 W				Red nun.	
24195	LEMESURIER ISLAND LIGHT	58 19 08 N 136 02 27 W	FI W 6s	42	6	NR on small house.	Obscured from 280° to 086°.
24200	SOUTH PASSAGE LIGHT	58 15 31 N 136 06 56 W	FI W 2.5s		5	NR on skeleton tower.	Obscured from 121° to 280°.
24205	SOUTH PASSAGE LIGHT 8	58 14 46 N 135 54 25 W	FI R 4s		5	TR on skeleton tower.	Obscured from 230° to 049°.
24210	<i>South Inian Pass Rock Lighted Bell Buoy 6</i>	58 13 53 N 136 15 23 W	FI R 4s		4	Red.	
Glacier Bay							
24215	- National Park Aircraft Safety Zone Marker Buoys (4) Northeast of main dock airplane float.	58 27 19 N 135 53 07 W				White with two orange bands and orange circle worded AIRCRAFT SAFETY ZONE.	Maintained from May 15 to Oct. 1. Private aids.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
24220	Rush Point Shoal Buoy 1	58 28 05 N 136 03 20 W				Green can.	Maintained from May 1 to Oct. 1.
	Cross Sound						
24225	POINT LAVINIA LIGHT	58 13 20 N 136 21 17 W	FI W 6s	60	6	NR on skeleton tower.	Obscured from 278° to 073°.
24230	GEORGE ISLAND LIGHT 2	58 12 42 N 136 22 53 W	FI R 6s	48	4	TR on skeleton tower.	Obscured from 019° to 048°.
24235	NORTH INIAN PASS LIGHT	58 16 20 N 136 24 08 W	FI W 4s	64	5	NR on skeleton tower.	Obscured from 260° to 051°.
24240 1070	Cape Spencer Light	58 11 56 N 136 38 26 W	FI W 10s	105	17		Emergency light FI W 6s of reduced intensity, if main light is extinguished.
	Port Althorp						
	Elfin Cove						
24245	- ENTRANCE LIGHT 2	58 11 41 N 136 21 06 W	FI R 4s	48	3	TR on small house.	Obscured from 292° to 096°.
24250	- OUTER LIGHT	58 11 49 N 136 21 04 W	FI W 4s	20	6	NR on square frame.	
24255	- Daybeacon 3	58 11 41 N 136 21 00 W				SG on pile.	
24260	- Daybeacon 5	58 11 40 N 136 20 57 W				SG on pile.	
24265	- Daybeacon 6	58 11 37 N 136 20 57 W				TR on pile.	
24270	- Daybeacon 7	58 11 35 N 136 20 45 W				SG on pile.	
	Port Althorp						
24275	ALTHORP ROCK LIGHT 3	58 09 58 N 136 21 34 W	FI G 2.5s	18	3	SG on square frame.	
24280	THREE HILL ISLAND LIGHT	58 09 13 N 136 23 05 W	FI W 4s	80	7	NR on skeleton tower.	Obscured from 090° to 289°.
	Lisianski Inlet						
24285	- LIGHT	58 05 56 N 136 28 05 W	FI W 6s	65	6	NR on small house.	Obscured from 333° to 133°.
24290	Column Point Buoy 1	58 07 00 N 136 27 36 W				Green can.	
24295	- LIGHT 2	58 04 14 N 136 25 59 W	FI R 4s	55	4	TR on small house.	Obscured from 316° to 147°.
24300	- Daybeacon 4	58 02 05 N 136 21 55 W				TR on spindle.	
24305	- LIGHT 5	58 01 42 N 136 20 00 W	FI G 6s	50	4	SG on small house.	Obscured from 149° to 320°.
24310	JUNCTION ISLAND LIGHT J	57 59 52 N 136 19 01 W	Q W	20	4	NR on skeleton tower.	Obscured from 042° to 171°.
24315	PELICAN ENTRANCE LIGHT	57 57 21 N 136 13 48 W	FI W 4s	17	5	NR on post.	

Section 17

Alaska

West Side of Prince Wales Island, Sitka Sound and Harbor, Peril Strait, Controller Bay, Yakutat Bay and Lituya Bay

(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)							
Nichols Bay							
24320	- Entrance Daybeacon	54 42 06 N 132 05 23 W				NR on spindle.	
24330 985	CAPE MUZON LIGHT	54 39 51 N 132 41 30 W	FI W 6s	80	7	NR on spindle.	Obscured from 089° to 297°.
24331	Mcleod Bay Coast Guard Mooring Buoy	54 41 33 N 132 41 12 W				White sphere with blue stripe.	
24335	Eureka Channel Daybeacon 1	54 46 53 N 132 23 21 W				SG on pile.	
24340	Center Island Reef Daybeacon 3	54 48 09 N 132 23 58 W				SG on pile.	
24345	Guide Rocks Daybeacon 4	54 49 33 N 132 21 29 W				TR on pile.	
24350	ROUND ISLANDS LIGHT	54 46 42 N 132 30 25 W	FI W 2.5s (R sector)	56	6	NR on skeleton tower.	Red from 327° to 346°. Obscured from 149.5° to 327°.
24355	Wallace Rock Buoy 2	54 51 06 N 132 27 00 W				Red nun.	
24360	MELLEN ROCK LIGHT	55 01 36 N 132 39 58 W	FI W 4s	32	6	NR on post.	
Hetta Inlet							
24365	EEK POINT LIGHT	55 08 17 N 132 40 01 W	FI W 2.5s	19	6	NR on square frame.	Obscured from 103° to 237°.
Sukkwun Strait							
24370	Hydaburg Buoy 2	55 11 43 N 132 49 05 W				Red nun.	
24375	Obstruction Buoy SS	55 12 01 N 132 49 47 W				Green and red bands.	
24380	Hydaburg Buoy 4	55 12 07 N 132 49 38 W				Red nun.	
24385	Sukkwun Narrows Buoy 6	55 12 09 N 132 50 19 W				Red nun.	
24390	Sukkwun Narrows Buoy 7	55 12 15 N 132 50 15 W				Green can.	
24391	HYDABURG LIGHT 8	55 12 24 N 132 49 04 W	FI R 4s	15	3	TR on pile.	
24392	Hydaburg Daybeacon	55 12 51 N 132 50 08 W				NR on spindle.	
24393	Hydaburg Boat Basin Daybeacon 3	55 12 43 N 132 49 49 W				SG on spindle.	
24394	Hydaburg Boat Basin Daybeacon 2	55 12 40 N 132 49 53 W				TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
24395	SUKKWAN NARROWS LIGHT	55 12 03 N 132 50 29 W	FI W 4s	16	5	NR on skeleton tower.	Obscured from 252° to 019°.
24400	Sukkwán Narrows Buoy 4	55 11 34 N 132 51 20 W				Red nun.	
24405	Sukkwán Narrows Buoy 2	55 11 18 N 132 51 34 W				Red nun.	
24410	GOAT ISLAND LIGHT	55 10 07 N 132 53 35 W	FI W 4s	21	5	NR on skeleton tower.	Obscured from 093° to 261°.
24415	Turn Rock Daybeacon	55 10 02 N 132 54 57 W				NR on spindle.	
Tlevak Strait							
24420	SHOE ISLAND LIGHT	54 57 03 N 132 44 41 W	FI W 6s	20	5	NR on skeleton tower.	Obscured from 313° to 088°.
24430	VIEW COVE ENTRANCE LIGHT	55 03 10 N 132 57 52 W	FI W 4s	35	6	NR on skeleton tower.	
24435	LIVELY ISLANDS LIGHT	55 13 38 N 133 05 06 W	FI W 6s	20	6	NR on skeleton tower.	Obscured from 150° to 343°.
Tlevak Narrows							
24440	TLEVAK NARROWS LIGHT 2	55 15 45 N 133 07 01 W	FI R 4s	22	4	TR on skeleton tower.	Obscured from 152° to 279°.
24445	- Buoy 4	55 16 01 N 133 08 11 W				Red nun.	
Meares Passage							
24450	MEARES ISLAND LIGHT	55 16 21 N 133 10 34 W	FI W 6s	13	5	NR on skeleton tower.	Obscured from 290° to 105°.
24455 1000	DIVER ISLANDS LIGHT	55 10 40 N 133 15 53 W	FI W 4s	130	7	NR on post.	Obscured from 186° to 007°.
Bucareli Bay							
24460 1005	CAPE BARTOLOME LIGHT	55 13 50 N 133 36 56 W	FI W 6s	158	7	NR on spindle.	Obscured from 148° to 263°.
24465	POINT ARBOLEDA LIGHT	55 19 14 N 133 28 21 W	FI W 4s	33	6	NR on spindle.	
24470	<i>Cape Flores Lighted Buoy 2</i>	55 21 25 N 133 17 43 W	FI R 4s		3	Red.	
24472	Point Amargura Ledge Buoy 1	55 26 35 N 133 21 42 W				Green.	
24475	ST. IGNACE ROCK LIGHT	55 25 41 N 133 23 43 W	FI W 6s	20	6	NR on skeleton tower.	
24480	Sola Rock Daybeacon SR	55 25 32 N 133 28 53 W				JR on spindle.	
24481	Pigeon Pass Daybeacon 5	55 25 44 N 133 33 45 W				SG on spindle.	
24482	Pigeon Island Daybeacon 4	55 25 47 N 133 34 05 W				TR on steel pile.	
24483	Pigeon Island Daybeacon 3	55 25 50 N 133 34 00 W				SG on spindle.	
24484	Cone Island Daybeacon 2	55 26 46 N 133 36 14 W				TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
Shelter Cove							
24485	- BREAKWATER LIGHT 2	55 28 26 N 133 08 38 W	FI R 4s	30	4	TR on steel pile.	
24490	- Entrance Range Front Daybeacon	55 28 30 N 133 08 32 W				KRW on skeleton tower.	
24495	- Entrance Range Rear Daybeacon 37 yards, 048° from front daybeacon.	55 28 31 N 133 08 30 W				KRW on skeleton tower.	
Craig Harbor							
24500	<i>Fish Egg Reef Lighted Buoy 3</i>	55 28 26 N 133 09 37 W	FI G 2.5s		3	Green.	
24505	Craig Buoy 4	55 28 56 N 133 09 24 W				Red nun.	
24510	Saltery Point Shoal Daybeacon 6	55 28 49 N 133 08 43 W				TR on pile.	
24512.1	CRAIG BREAKWATER LIGHT 1	55 28 51 N 133 08 37 W	FI R 4s			On breakwater.	Private aid.
24512.2	CRAIG BREAKWATER LIGHT 2	55 28 51 N 133 08 39 W	FI R 4s			On breakwater	Private aid.
24512.3	CRAIG BREAKWATER LIGHT 3	55 28 51 N 133 08 42 W	FI R 4s			On breakwater.	Private aid.
24515	<i>Craig Shoal Lighted Buoy 7</i>	55 29 13 N 133 08 46 W	FI G 4s		4	Green.	
San Alberto Bay							
24520	<i>Ballena Island Shoal Lighted Buoy 2</i>	55 28 14 N 133 13 15 W	FI R 4s		3	Red.	
24525	Balandra Shoal Buoy 3	55 28 32 N 133 13 47 W				Green can.	
24530	<i>Fern Reef Lighted Buoy 3A</i>	55 29 06 N 133 15 52 W	FI G 4s		4	Green.	
24535	Parida Island South Reef Buoy 5	55 30 02 N 133 13 48 W				Green can.	
24540	- <i>Lighted Buoy 7</i>	55 32 15 N 133 15 05 W	FI G 6s		4	Green.	
Gulf of Esquibel							
San Christoval Channel							
24545	<i>Hermanos Islands Reef Lighted Bell Buoy 8</i>	55 33 44 N 133 17 47 W	FI R 4s		4	Red.	
24550	Piedras Island Reef Buoy 9	55 33 41 N 133 17 57 W				Green can.	
24555	Hermanos Island Range Front Daybeacon	55 34 15 N 133 17 56 W				KRW on spindle.	
24560	Hermanos Island Range Rear Daybeacon 210 yards, 104° from front daybeacon.	55 34 13 N 133 17 44 W				KRW on spindle.	
24565	San Christoval Three Fathom Buoy SC	55 34 31 N 133 19 07 W				Green and red bands; can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
24570	LARZATITA ISLAND REEF LIGHT	55 35 02 N 133 19 45 W	FI W 4s	22	6	NR on caisson.	
	Klawock Inlet						
24575	Klawock Reef Lighted Buoy 1	55 30 34 N 133 11 12 W	FI G 4s		4	Green.	
24580	Klawock Reef Buoy 2	55 30 25 N 133 11 13 W				Red nun.	
24585	Klawock Junction Lighted Buoy KL	55 30 22 N 133 10 33 W	FI (2+1) R 6s		4	Red and green bands.	
24590	Klawock Reef Buoy 3	55 30 28 N 133 10 29 W				Green can.	
24595	KLAWOCK TOW CHANNEL ENTRANCE LIGHT 2TC	55 29 52 N 133 11 35 W	FI R 6s	21	4	TR on spindle.	
24600	Klawock Tow Channel Daybeacon 3TC	55 30 14 N 133 10 55 W				SG on pile.	
24605	Klawock Tow Channel Daybeacon 4TC	55 30 16 N 133 10 21 W				TR on pile.	
24610	- Buoy 6	55 30 20 N 133 09 37 W				Red nun.	
24615	- Shoal Lighted Buoy 8	55 32 37 N 133 07 06 W	FI R 2.5s		4	Red.	
24620	Wadleigh Island Buoy 9	55 33 37 N 133 06 54 W				Green can.	
24625	KLAWOCK LOGGING DOCK LIGHTS (2)	55 13 12 N 133 06 36 W	FI R 10s	18		On dock.	Private aids.
24630	Highwater Rock Daybeacon 1	55 33 34 N 133 06 15 W				SG on pile.	
24635	KLAWOCK HARBOR ENTRANCE LIGHT 2	55 33 27 N 133 06 16 W	FI R 4s	20	4	TR on skeleton tower on pier.	
24640	Klawock Ledge Daybeacon 3	55 33 25 N 133 06 09 W				SG on pile.	
24642	Klawock Control Daybeacons (3)	55 33 17 N 133 06 36 W				NW on pile worded SLOW 5 MPH. One located on Klawock Ledge Daybeacon 3 and one on each corner of dock.	Private aids.
24645	POINT INCARNATION LIGHT	55 33 15 N 133 37 22 W	FI W 2.5s	19	6	NR on small house.	Obscured from 292° to 070°.
24650 1010	CAPE ULITKA LIGHT	55 33 45 N 133 43 43 W	FI W 6s	115	6	NR on skeleton tower.	Obscured from 310° to 053°.
24655	Curacao Reef Buoy 8	55 39 19 N 133 28 20 W				Red nun.	
24660	Desconocida Reef Buoy 10	55 41 18 N 133 31 28 W				Red nun.	
	Boca de Finas						
24665	White Cliff Lighted Bell Buoy 12	55 43 55 N 133 39 41 W	FI R 4s		4	Red.	
24670	Emerald Island Buoy 9	55 44 28 N 133 40 10 W				Green can.	
24675	CAPE LYNCH LIGHT	55 46 52 N 133 42 06 W	FI W 6s	50	6	NR on spindle.	Obscured from 196° to 315°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
Karheen Passage							
24680	Tonowek Narrows Daybeacon 2T	55 45 17 N 133 20 31 W				TR on pile.	
24685	- Daybeacon 1	55 46 19 N 133 19 26 W				SG on skeleton tower.	
24690	Point Swift Shoal Buoy 2	55 46 15 N 133 18 54 W				Red nun.	
24695	- Buoy 3	55 46 29 N 133 17 57 W				Green can.	
24700	- Buoy 4	55 46 52 N 133 17 02 W				Red nun.	
24705	- Buoy 5	55 47 10 N 133 17 23 W				Green can.	
24710	Chapin Island Range Front Daybeacon	55 47 46 N 133 18 42 W				KRW on skeleton tower.	
24715	Chapin Island Range Rear Daybeacon 60 yards, 306° from front daybeacon.					KRW on skeleton tower.	
24720	- Daybeacon 6	55 47 49 N 133 18 22 W				TR on spindle.	
24725	- Buoy 8	55 48 26 N 133 18 58 W				Red nun.	
24730	PEEP ROCK LIGHT	55 49 09 N 133 19 53 W	FI W 4s	17	7	NR on skeleton tower.	
Davidson Inlet							
24735	SURF POINT LIGHT	55 50 01 N 133 38 00 W	FI W 4s	29	6	NR on monopile.	Obscured from 290° to 060°.
Edna Bay							
24740	- ENTRANCE LIGHT	55 56 19 N 133 36 58 W	FI W 6s	23	6	NR on skeleton tower.	Obscured from 104° to 240°.
24745	- Buoy 2	55 56 29 N 133 38 58 W				Red nun.	
24750	- LIGHT 3	55 56 28 N 133 39 30 W	FI G 4s	20	4	SG on small house.	
24753	- Daybeacon E	55 57 46 N 133 37 21 W				TR on pile.	
Sea Otter Sound							
24755	TOKEEN HARBOR ENTRANCE LIGHT	55 56 13 N 133 19 52 W	FI W 6s	35	6	NR on skeleton tower.	Obscured from 128° to 255°.
Tuxekan Passage							
24760	Aikens Rock Daybeacon 3	55 54 01 N 133 15 42 W				SG on skeleton tower.	
24765	Village Rock Daybeacon VR	55 53 21 N 133 15 23 W				JR on pile.	
El Capitan Passage							
24770	- Daybeacon 1	55 55 41 N 133 18 18 W				SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
24775	Hub Rock Daybeacon 3	55 56 29 N 133 17 52 W				SG on pile.	
24777	North Island Daybeacon	55 57 58 N 133 19 27 W				NR on spindle.	
24780	BURNT ISLAND LIGHT 5	55 58 26 N 133 17 45 W	FIG 4s	15	4	SG on skeleton tower.	Obscured from 004° to 157.5°.
Dry Pass							
24785	- Daybeacon 2	56 09 30 N 133 22 50 W				TR on post.	
24790	- Daybeacon 3	56 09 29 N 133 22 56 W				SG on post.	
24795	- Daybeacon 4	56 09 35 N 133 23 21 W				TR on post.	
24800	- Daybeacon 5	56 09 33 N 133 23 26 W				SG on post.	
24805	- Daybeacon 5A	56 09 41 N 133 28 08 W				SG on post.	
24810	- Daybeacon 6	56 09 50 N 133 24 43 W				TR on post.	
24815	- Daybeacon 7	56 09 47 N 133 24 44 W				SG on post.	
24820	- Daybeacon 9	56 09 53 N 133 25 15 W				SG on post.	
24825	- Daybeacon 11	56 09 53 N 133 25 32 W				SG on pile.	
24830	- Daybeacon 13	56 09 51 N 133 25 43 W				SG on post.	
24835	- Daybeacon 14	56 09 49 N 133 25 54 W				TR on post.	
24840	- Daybeacon 15	56 09 46 N 133 26 00 W				SG on post.	
24845	- Daybeacon 16	56 09 44 N 133 26 09 W				TR on post.	
24850	- Daybeacon 17	56 09 41 N 133 26 12 W				SG on post.	
24855	- Daybeacon 18	56 09 42 N 133 26 24 W				TR on post.	
24857	- Daybeacon 19	56 09 37 N 133 26 30 W				SG on post.	
24860	- Daybeacon 20	56 09 36 N 133 26 43 W				TR on post.	
24865	- Daybeacon 21	56 09 30 N 133 26 55 W				SG on post.	
24870	- Daybeacon 22	56 09 28 N 133 27 09 W				TR on post.	
24875	- Daybeacon 23	56 09 27 N 133 28 06 W				SG on post.	
24877	Dry Pass Daybeacon 24	56 09 23 N 133 27 19 W				TR on spindle.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
24880	- Daybeacon 25	56 09 21 N 133 27 14 W				SG on post.	
24885	- Daybeacon 26	56 09 14 N 133 27 26 W				TR on pile.	
24890	Dry Pass Daybeacon 28	56 09 23 N 133 27 19 W				TR on spindle.	
CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)							
Little Branch Bay							
24895	LITTLE BRANCH BAY LIGHT	56 18 14 N 134 50 42 W	FI W 4s	109	5	NR on skeleton tower.	Obscured from 111.5° to 338°.
Sitka Sound							
24897	Sharktooth Rock Daybeacon 2	56 44 07 N 135 16 10 W				TR on pile.	
24898	Sharktooth Rock Daybeacon 4	56 44 20 N 135 16 20 W		18		TR on pile.	
24900	Elovoi Rock Daybeacon 1	56 49 18 N 135 22 44 W				SG on spindle.	
24905	Koka Island Passage Daybeacon 1	56 54 49 N 135 23 40 W				SG on pile.	
24910 1030	CAPE EDGE CUMBE LIGHT	56 59 53 N 135 51 27 W	FI W 4s	100	7	NR on square frame.	Obscured from 149.5° to 321°.
24915	VITSKARI ISLAND LIGHT	57 00 00 N 135 32 42 W	FI W 6s	50	8	NR on skeleton tower.	RACON: O (---).
24920	<i>Kulichkof Rock Lighted Buoy 2</i>	56 59 54 N 135 26 59 W	FI R 4s		4	Red.	
Eastern Channel							
24925	THE ECKHOLMS LIGHT	57 00 36 N 135 21 32 W	FI W 6s	33	6	NR on skeleton tower.	
24930	<i>Simpson Rock Lighted Bell Buoy 5</i>	57 01 09 N 135 20 45 W	FI G 4s		4	Green.	
24935	<i>Tsaritsa Rock Lighted Buoy 7</i>	57 01 14 N 135 19 29 W	FI G 2.5s		3	Green.	
24940	<i>Rocky Patch Lighted Buoy RP</i>	57 01 42 N 135 18 22 W	FI (2+1) R 6s		4	Red and green bands.	
24942	Rocky Patch Buoy 9A	57 01 46 N 135 17 43 W				Green can.	
24945	ENTRY POINT LIGHT 1	57 01 58 N 135 15 00 W	FI G 6s	22	4	SG on square frame.	Obscured from 086° to 248°.
24946	HERRING COVE LOG BOOM MARKERS (6)						Private aid.
24948	Indian River Flats Buoy 2	57 02 32 N 135 18 37 W				Red nun.	Maintained from May 1 to Nov. 1.
24950	THE TWINS LIGHT 9	57 02 03 N 135 18 48 W	FI G 4s	14	4	SG on skeleton tower.	Obscured from 030° to 146°.
24952	Indian River Flats Buoy 4	57 02 30 N 135 18 37 W				Red nun.	Maintained from May 1 to Nov. 1.
24955	ROCKWELL LIGHT	57 02 09 N 135 20 01 W	F R	50		White octagonal tower with dwelling attached.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
24957	Mitchell Rock Daybeacon	57 02 20 N 135 20 26 W				NR on pile.	
24958	SURF ROCK LIGHT	57 01 55 N 135 22 35 W	FI W 4s	15	5	NR on spindle.	
Alidale Channel							
24960	TURNING ISLAND LIGHT 11	57 02 36 N 135 20 11 W	FI G 2.5s	16	4	SG on skeleton tower.	Obscured sector from 062° to 153°.
24963	Sitka Harbor Lightering Pier Daybeacon	57 02 50 N 135 20 10 W		12		NR on pile.	
24965	Crescent Boat Harbor Daybeacon 1	57 02 53 N 135 19 52 W		22		SG on pile.	
24967	SHELDON JACKSON FISH PEN LIGHTS (2)	57 02 54 N 135 19 38 W	FI W 4s			On fish pen.	Private aids.
24970	CRESCENT HARBOR EAST BREAKWATER LIGHT 4	57 03 57 N 135 19 49 W	FI R 2.5s	19	4	TR on square frame.	
24975	CRESCENT HARBOR WEST BREAKWATER LIGHT 3	57 02 55 N 135 19 49 W	FI G 2.5s	20	4	SG on square frame structure.	
24976	- No Wake Buoy A	57 02 44 N 135 20 18 W				White can.	Private aid. Maintained from Apr. 1 to Nov. 1.
24977	- No Wake Buoy B	57 02 50 N 135 20 05 W				White can.	Private aid. Maintained from Apr. 1 to Nov. 1.
24978	ALEUTSKI CHANNEL LIGHT 2	57 02 47 N 135 20 26 W	FI R 4s	15	3	TR on pile.	
24979	Aleutski Channel Daybeacon 4	57 02 46 N 135 20 34 W				TR on pile.	
24980	Japonski Harbor Entrance Daybeacon 5	57 02 49 N 135 20 47 W				SG on pile.	
24985	JAPONSKI HARBOR ENTRANCE LIGHT 6	57 02 50 N 135 20 46 W	FI R 6s	12	4	TR on pile.	
24990	Japonski Harbor Daybeacon 7	57 02 53 N 135 20 52 W				SG on pile.	
Western Channel							
25000	<i>Makhnati Rock Lighted Whistle Buoy 2</i>	57 02 10 N 135 23 47 W	FI R 2.5s		4	Red.	
25005	SIGNAL ISLAND LIGHT 4	57 02 47 N 135 23 34 W	FI R 4s	52	5	TR on skeleton tower.	Obscured from 217° to 005°.
25010	<i>Usher Rock Shoal Lighted Buoy 5</i>	57 03 07 N 135 23 50 W	FI G 4s		3	Green.	
25015	BATTERY ISLAND LIGHT 6	57 03 35 N 135 22 54 W	FI R 6s	16	4	TR on small house.	Obscured from 263° to 061°.
25020	SITKA BREAKWATER LIGHT 8	57 03 42 N 135 22 00 W	FI R 2.5s	19	4	TR on spindle.	
25025	SITKA BREAKWATER LIGHT 7	57 03 46 N 135 21 55 W	FI G 4s	19	4	SG on spindle.	
25025.5	Japonski Island Daybeacon 2	57 03 25 N 135 22 27 W		24		TR on spindle.	
25026	SITKA SOUTHWEST HARBOR ENTRANCE LIGHT 3	57 03 31 N 135 22 05 W	FI G 2.5s	15	3	SG on spindle.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
25027	Sitka Southwest Harbor Entrance Daybeacon 4	57 03 29 N 135 22 00 W				TR on spindle.	
25030	SITKA HARBOR CHANNEL LIGHT 9	57 03 14 N 135 20 59 W	Q G	20	3	Pile.	
25035	Harbor Rock Daybeacon	57 03 12 N 135 20 54 W				NR on single pile tower.	
25040	SITKA HARBOR LIGHT 11 Marks eastern limits of dredged channel south of Horseshoe Rocks.	57 03 11 N 135 20 54 W	FI G 4s	23	4	SG on pile.	
Sitka Sound							
25050	Kasiana Island Shoal Daybeacon 1	57 05 22 N 135 24 23 W				SG on pile.	
25055	OLD SITKA ROCKS LIGHT 2	57 06 52 N 135 24 42 W	FI R 6s	30	5	TR on skeleton tower.	
25060	BIG GAVANSKI ISLAND LIGHT 3	57 08 24 N 135 25 01 W	FI G 2.5s	22	4	SG on skeleton tower.	Obscured from 010° to 154°.
25065	LISIANSKI POINT LIGHT 4	57 09 00 N 135 24 38 W	FI R 4s	41	4	TR on skeleton tower.	Obscured from 158° to 318°.
Olga Strait							
25070	- LIGHT 5	57 11 20 N 135 28 02 W	FI G 6s	15	5	SG on dolphin.	
25075	- LIGHT 7	57 12 23 N 135 29 27 W	FI G 2.5s		3	SG on pile.	
25080	- LIGHT 9	57 12 35 N 135 29 45 W	FI G 4s	30	4	SG on pile.	
25085	- LIGHT 11	57 13 45 N 135 32 10 W	FI G 4s	15	4	SG on skeleton tower.	
Neva Strait							
25090	NEVA POINT REEF LIGHT 12	57 14 04 N 135 33 07 W	FI R 6s	17	4	TR on pile.	Obscured from 147° to 217°.
Whitestone Narrows							
25095	- <i>Rock Lighted Buoy 13</i>	57 14 32 N 135 33 48 W	FI G 4s		4	Green.	
25100	WHITESTONE POINT LIGHT 14	57 14 40 N 135 33 43 W	FI R 2.5s	11	4	TR on steel structure.	Obscured from 170° to 347°.
25105	- Channel Buoy 15	57 14 49 N 135 33 58 W				Green can.	
25110	- <i>Channel Lighted Buoy 17</i>	57 14 54 N 135 34 01 W	Q G		3	Green.	
25115	Whitestone Sandspit Buoy 18	57 15 03 N 135 34 03 W				Red nun.	
25120	- CHANNEL RANGE FRONT LIGHT	57 15 11 N 135 34 05 W	Q W	24		KRW on pile.	
25125	- CHANNEL RANGE REAR LIGHT 135 yards, 345° from front light.	57 15 15 N 135 34 06 W	F W	36		KRW on skeleton tower.	Obscured from 028° to 208°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
Neva Strait							
25130	Columbine Rock Daybeacon 19	57 15 46 N 135 35 01 W				SG on square frame.	
25135	- <i>Lighted Buoy 20</i>	57 15 49 N 135 34 53 W	FI R 4s		3	Red.	
25140	<i>Wyville Reef Lighted Buoy 22</i>	57 16 18 N 135 35 28 W	FI R 2.5s		4	Red.	
25145	<i>Highwater Island Shoal Lighted Buoy 23</i>	57 16 51 N 135 36 08 W	FI G 4s		4	Green.	
25150	ENTRANCE ISLAND LIGHT 24	57 17 30 N 135 36 21 W	FI R 6s	30	5	TR on skeleton tower.	Obscured from 154° to 345°.
25155	KANE ISLANDS LIGHT 25	57 19 22 N 135 39 46 W	FI G 2.5s	40	4	SG on square frame.	Obscured from 342° to 103°.
Salisbury Sound							
25160	Morskoi Rock Buoy 2	57 20 38 N 135 53 42 W				Red nun.	
25165 1035	KLOKACHEF ISLAND LIGHT	57 24 12 N 135 54 22 W	FI W 6s	85	7	NR on square frame.	Obscured from 155.5° to 291°.
25170	<i>Kakul Rock Lighted Buoy 2</i>	57 21 45 N 135 41 53 W	FI R 6s		4	Red.	
25175	Brad Rock Buoy 3	57 22 24 N 135 41 27 W		15		Green can.	
25180	KAKUL NARROWS LIGHT 4	57 22 26 N 135 41 01 W	FI R 2.5s	27	4	TR on skeleton tower.	
Peril Strait							
25185	SULOIA POINT LIGHT 5	57 23 22 N 135 39 00 W	FI G 2.5s	22	4	SG on steel skeleton tower.	Obscured from 021° to 190°.
25190	<i>West Francis Rock Lighted Buoy 6</i>	57 24 16 N 135 38 24 W	FI R 2.5s		4	Red.	
25195	Sergius Narrows Buoy 8	57 24 23 N 135 37 55 W				Red nun.	
25200	SERGIUS NARROWS LIGHT 9	57 24 28 N 135 37 52 W	FI G 4s	17	4	SG on skeleton tower.	Obscured from 080° to 243°.
25205	Wayanda Ledge Buoy 10	57 24 25 N 135 37 43 W				Red nun.	
25210	<i>Liesnoi Shoal Lighted Buoy 11</i>	57 24 43 N 135 36 34 W	FI G 2.5s		4	Green.	
25215	POINT SIROI ISLAND LIGHT 12	57 25 08 N 135 35 21 W	FI R 2.5s	15	4	TR on skeleton tower.	Obscured from 272° to 025°.
25220	Deep Bay Entrance Daybeacon 1	57 25 58 N 135 35 36 W				SG on post.	
25225	MIDDLE POINT LIGHT 14	57 26 21 N 135 34 28 W	FI R 4s	23	4	TR on skeleton tower.	
25230	YELLOW POINT LIGHT 16	57 26 52 N 135 33 41 W	Q R	17	3	TR on square frame.	Obscured from 265° to 034°.
25235	Yellow Point Rock Daybeacon 18	57 26 56 N 135 33 12 W				TR on concrete pier.	
25240	ROSE ISLAND ROCK LIGHT 19	57 27 16 N 135 32 23 W	Q G	17	4	SG on skeleton tower.	Obscured from 080° to 190°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
25245	BIG ROSE ISLAND LIGHT 21	57 27 27 N 135 32 23 W	FI G 4s	17	4	SG on skeleton tower.	Obscured from 004° to 150°.
25250	Rose Channel Rock Daybeacon	57 27 40 N 135 32 58 W				NR on skeleton tower.	
25255	- LIGHT 22	57 29 31 N 135 32 29 W	FI R 2.5s	13	4	TR on spindle.	Obscured from 159° to 340°.
25260	POVOROTNI ISLAND LIGHT	57 30 52 N 135 33 18 W	Q W	26	5	NR on skeleton tower.	Obscured from 314° to 032°.
25263	HOGGATT REEF LIGHT 25	57 32 46 N 135 30 56 W	FI G 6s	25	4	SG on pile.	
25265	ELOVOI ISLAND LIGHT 26	57 33 56 N 135 28 04 W	FI R 6s	18	4	TR on skeleton tower.	Obscured from 308° to 037°.
25270	OTSTOIA CHANNEL LIGHT 2	57 33 35 N 135 26 53 W	FI R 4s	18	3	NR on pile.	
25275	OTSTOIA ISLAND LIGHT	57 33 41 N 135 27 01 W	FI W 4s	17	6	NR on skeleton tower.	Obscured from 110° to 247°.
25280	COZIAN REEF LIGHT 3	57 34 04 N 135 25 41 W	FI G 6s	17	4	SG on skeleton tower.	
25285	BROAD ISLAND LIGHT	57 35 09 N 135 23 37 W	Q W	14	6	NR on skeleton tower.	Obscured from 152° to 297°.
25290	Rodman Rock Buoy 1	57 29 46 N 135 14 22 W				Green can.	
25295	PESCHANI POINT LIGHT	57 32 17 N 135 19 23 W	FI W 2.5s	15	6	NR on skeleton tower.	
25300	POINT BENHAM LIGHT	57 28 59 N 135 11 52 W	FI W 4s	19	6	NR on square frame.	Obscured from 310° to 117°.
25305	McCLELLAN ROCK LIGHT	57 27 11 N 135 01 37 W	FI W 6s	17	7	NR on cylindrical pier.	
25310	FAIRWAY ISLAND LIGHT 32	57 26 34 N 134 52 18 W	FI R 6s	55	4	TR on skeleton tower.	Obscured from 297° to 098°.
25315	POINT CRAVEN LIGHT	57 27 48 N 134 52 00 W	FI W 2.5s	35	5	NR on skeleton tower.	Obscured from 078° to 157°.
Khaz Bay							
25325	<i>Khaz Breakers Lighted Whistle Buoy 2</i>	57 31 12 N 136 07 45 W	FI R 6s		4	Red.	
25330	Ninefoot Shoal Buoy 4	57 34 48 N 136 05 48 W				Red nun.	
25335	Klag Bay Entrance Daybeacon 1	57 36 44 N 136 06 09 W				SG on post.	
25340	The Gate Daybeacon A	57 36 47 N 136 06 04 W				NG on spindle.	
25345	Klag Island Daybeacon B	57 37 04 N 136 06 01 W		30		NR on pile.	
Ogden Passage							
25350	Snipe Rock Daybeacon 1	57 38 15 N 136 10 42 W				SG on spindle.	
25355	Dippy Island Rock Daybeacon 3	57 41 27 N 136 07 40 W				SG on spindle on pier.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
Portlock Harbor							
25360	Black Bay Rocks Daybeacon 4	57 42 19 N 136 09 20 W				TR on pile.	
25365	Minnie Reef Daybeacon 5	57 43 10 N 136 10 20 W				SG on spindle on concrete foundation.	
Imperial Passage							
25370 1040	HILL ISLAND LIGHT	57 43 42 N 136 16 36 W	FI 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 N 136 26 08 W	FI R 4s	53	4	TR on square frame.	Obscured from 024° to 210°.
25380	- LIGHT 4	57 56 22 N 136 21 38 W	FI 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 11 N 136 22 36 W				SG on spindle.	
25390	- LIGHT 6	57 59 23 N 136 22 17 W	FI R 2.5s	25	4	TR on steel skeleton tower.	
25395	- LIGHT 8	58 00 09 N 136 21 15 W	FI R 4s	15	4	TR on pile.	Obscured from 275° to 036°.
Graves Harbor							
25400	- Daybeacon 2	58 17 09 N 136 41 40 W				TR on pile.	
CROSS SOUND TO YAKUTAT BAY (Chart 16760)							
Lituya Bay							
25405	- ENTRANCE CHANNEL RANGE FRONT LIGHT	58 37 38 N 137 39 28 W	Q W	22		KRW on skeleton tower.	Obscured from 048° to 348°; higher intensity on rangeline.
25410	- ENTRANCE CHANNEL RANGE REAR LIGHT 475 yards, 007.5° from front light.	58 37 52 N 137 39 25 W	Iso W 6s	37		KRW on skeleton tower.	Obscured from 170° to 222°; higher intensity on rangeline.
Yakutat Bay							
25415 1085	OCEAN CAPE LIGHT	59 32 08 N 139 51 20 W	FI W 6s	130	9	NR on skeleton tower.	Obscured from 134° to 309°.
25420 1090	- Entrance Lighted Whistle Buoy 2	59 31 59 N 139 57 11 W	FI R 2.5s		4	Red.	
25425	- Lighted Whistle Buoy 4	59 35 34 N 139 51 09 W	FI R 4s		4	Red.	
25430	- Buoy 6	59 42 34 N 139 41 51 W				Red nun.	
25435	- Buoy 8	59 41 25 N 139 38 37 W				Red nun.	
25440	KHANTAAK ISLAND LIGHT	59 33 36 N 139 47 03 W	FI W 4s	28	6	NR on skeleton tower.	Obscured from 147° to 303°.
25445	Yakutat Roads Lighted Buoy 1	59 33 27 N 139 45 56 W	FI G 2.5s			Green.	
25446	YAKUTAT ROADS LIGHT 2	59 34 04 N 139 44 48 W	FI R 4s	12	2	TR on tower.	Obscured from 292° to 021°.

(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)							
Controller Bay							
25450	MARTIN ISLANDS LIGHT	60 09 52 N 144 36 22 W	FI W 6s	150	6	NR on skeleton tower.	Obscured from 174° to 255°.
Copper River Delta							
<i>CAUTION: Only mariners with a thorough local knowledge of area should attempt passage into the Delta unless during emergency situations.</i>							
25455	SOFTUK BAR CHANNEL LIGHT S	60 13 16 N 144 58 57 W	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 21 N 145 09 29 W	FI W 4s	12	6	NR on skeleton tower.	Maintained from May 1 to Oct. 1.
25465	GRASS ISLAND BAR CHANNEL LIGHT G	60 15 14 N 145 17 56 W	FI W 6s	12	5	NR on skeleton tower.	Maintained from May 1 to Oct. 1.
25470	PETER DAHL BAR CHANNEL LIGHT P	60 18 22 N 145 32 09 W	FI W 2.5s	12	5	NR on skeleton tower.	Maintained from May 1 to Oct. 1.
25475 1115	<i>Egg Island Lighted Whistle Buoy EI</i>	60 17 22 N 145 43 13 W	Mo (A) W		6	Red and white stripes.	
25480 1120	EGG ISLAND LIGHT E	60 22 00 N 145 45 14 W	FI W 6s	33	9	NR on skeleton tower.	
25483	POINT BENTINCK LIGHT	60 23 32 N 146 05 29 W	FI W 4s	47	6	NR on skeleton tower.	
25485	<i>Strawberry Channel Entrance Lighted Whistle Buoy SC</i>	60 19 19 N 145 59 49 W	Mo (A) W		6	Red and white stripes.	HORN: 1 blast ev 10s (1s bl)..
25490	- Buoy S	60 11 52 N 144 56 33 W				Red and white nun.	
25495	- Buoy K	60 11 33 N 145 09 26 W				Red and white nun.	
25500	- Buoy G	60 13 17 N 145 20 28 W				Red and white nun.	
25505	- Buoy P	60 16 01 N 145 34 43 W				Red and white nun.	
25510	MUMMY ISLAND LIGHT	60 27 54 N 145 59 27 W	FI W 4s	21	5	NR on skeleton tower.	

Section 18

Alaska

Prince William Sound, Cook Inlet, Kodiak Island

(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)							
Prince William Sound							
25515 1130	SEAL ROCKS LIGHT	60 09 47 N 146 50 18 W	FI W 6s	48	8	NR on skeleton tower.	RACON: K (— • —).
25520 1135	<i>Seal Rocks Shoal Lighted Whistle Buoy 1</i>	60 09 58 N 146 44 53 W	FI G 4s		4	Green.	
25525	SCHOONER ROCK LIGHT 1	60 18 23 N 146 54 29 W	FI G 6s	65	6	SG on pile.	Obscured from 358° to 129°.
25530	BEAR CAPE LIGHT 2	60 23 21 N 146 43 46 W	FI R 6s	39	6	TR on skeleton tower.	Obscured from 209° to 011°.
25535	Johnstone Point Light	60 28 58 N 146 36 51 W	FI W 5s	57	14	NR on skeleton tower.	Obscured from 256° to 052°.
25540	<i>Middle Ground Shoal Lighted Bell Buoy 2</i>	60 32 29 N 146 22 06 W	FI R 6s		4	Red.	
Orca Bay							
25545	GRAVINA POINT LIGHT 3	60 37 22 N 146 15 13 W	FI G 6s	27	5	SG on skeleton tower.	Obscured from 120° to 264°.
25550	HANKS ISLAND ROCK LIGHT 5	60 36 03 N 145 59 27 W	FI G 4s		4	SG on pile.	
25555	CHANNEL ISLAND ROCK LIGHT 7	60 36 31 N 145 48 51 W	FI G 2.5s		4	SG on pile.	
25560	THE NARROWS LIGHT 8	60 36 10 N 145 47 31 W	FI R 6s	12	5	TR on skeleton tower.	Higher intensity beam toward Orca Bay.
25565	- LIGHT 9	60 37 57 N 145 45 05 W	FI G 6s	12	5	SG on skeleton tower.	Higher intensity beam down western channel.
25570	NORTH ISLAND ROCK LIGHT 10	60 37 40 N 145 42 43 W	FI R 6s	14	4	TR on spindle.	
Orca Inlet							
25575	LIGHT 12	60 37 31 N 145 41 33 W	FI R 4s	10	3	TR on pile.	
25580	- Daybeacon 14	60 36 50 N 145 41 53 W		10		TR on pile.	
25585	LIGHT 15	60 36 46 N 145 41 37 W	FI G 4s	15	4	SG on pile.	
25590	- LIGHT 16	60 35 53 N 145 42 36 W	FI R 2.5s	10	3	TR on pile.	
25595	ORCA INLET CHANNEL LIGHT 18	60 34 32 N 145 44 41 W	FI R 4s	12	4	TR on steel pile.	
25600	CHANNEL JUNCTION LIGHT OI	60 33 56 N 145 45 41 W	FI (2+1) R 6s	10	4	JR on spindle pile.	
25601	NORTH CONTAINMENT DOCK LIGHTS (2)	60 33 05 N 145 45 55 W	FI R 4s	25		On pier.	Private aids.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
25605	SPIKE ISLAND LIGHT	60 33 01 N 145 46 14 W	FI W 6s	35	6	NR on skeleton tower.	
25610	CORDOVA BOAT HARBOR LIGHT 2	60 32 48 N 145 46 07 W	FI R 4s	16	4	TR on skeleton tower.	
25615	Orca Inlet South Channel Buoy "1"	60 27 25 N 145 59 02 W				Green can.	
<i>Buoys maintained from May 01 to Oct. 01. Positioned to mark best passage. Route requires local knowledge, extreme caution due to shifting shoals.</i>							
25615.1	- South Channel Buoy 2	60 27 22 N 145 59 02 W				Red nun.	
25615.11	- South Channel Buoy 9					Green can.	
25615.12	- South Channel Buoy 10					Red nun.	
25615.13	- South Channel Buoy 11					Green can.	
25615.14	- South Channel Buoy 12					Red nun.	
25615.15	- South Channel Buoy 1A	60 27 38 N 145 58 47 W				Green can.	
25615.16	- South Channel Buoy 14					Red nun.	
25615.17	- South Channel Buoy 16					Green can.	
25615.18	- South Channel Buoy 18					Red nun.	
25615.2	- South Channel Buoy 2A	60 27 34 N 145 58 39 W				Red nun.	
25615.25	- South Channel Buoy 3	60 27 56 N 145 58 38 W				Green can.	
25615.3	- South Channel Buoy 4	60 28 06 N 145 58 12 W				Red nun.	
25615.35	- South Channel Buoy 5	60 28 26 N 145 57 21 W				Green can.	
25615.4	- South Channel Buoy 6	60 28 22 N 145 57 13 W				Red nun.	
25615.45	- South Channel Buoy 7	60 28 55 N 145 56 10 W				Green can.	
25615.5	- South Channel Buoy 8	60 28 51 N 145 56 06 W				Red nun.	
25615.55	- South Channel Buoy 9	60 29 29 N 145 55 20 W				Green can.	
25615.6	- South Channel Buoy 10	60 29 26 N 145 55 17 W				Red nun.	
25615.65	- South Channel Buoy 11	60 30 03 N 145 54 49 W				Green can.	
25615.7	- South Channel Buoy 12	60 30 00 N 145 54 41 W				Red nun.	
25615.75	- South Channel Buoy 13	60 30 43 N 145 54 21 W				Green can.	
25615.8	- South Channel Buoy 14	60 31 01 N 145 53 50 W				Red nun.	
25615.85	- South Channel Buoy 16	60 31 46 N 145 52 52 W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
25615.9	- South Channel Buoy 18	60 32 50 N 145 49 53 W				Red nun.	
25620	Odiak Slough Buoys (2)	60 32 16 N 145 45 49 W				Red spherical.	Dry at MLLW. Private aids.
25625	ODIAK PHAROS LIGHT	60 32 15 N 145 45 48 W	F W	26		White octagonal tower. 18	Private aid.
25630	- WEST CHANNEL LIGHT 2	60 36 57 N 145 45 42 W	FI R 4s	30	3	TR on skeleton tower.	
25635	- <i>West Channel Lighted Buoy 3</i>	60 35 03 N 145 45 07 W	FI G 2.5s		3	Green.	
25640	- <i>West Channel Lighted Buoy 4</i>	60 34 35 N 145 45 33 W	FI R 2.5s		4	Red.	
25645	<i>Knowles Head Shoal Lighted Bell Buoy 4</i>	60 40 42 N 146 43 39 W	FI R 4s		4	Red.	
25646	<i>NOAA Data Lighted Buoy 46060</i>	60 35 16 N 145 49 58 W	FI (4) Y 20s			Yellow disc-shaped hull.	
25647	<i>NOAA Data Lighted Buoy 46081</i>	60 47 24 N 148 16 30 W	FI (4) Y 20s			Yellow disc-shaped hull.	
25650	RED HEAD LIGHT	60 40 15 N 146 30 13 W	FI W 4s	38	6	NR on skeleton tower.	Obscured from 134° to 308°.
25655	Goose Island Light	60 42 47 N 146 43 38 W	FI W 6s	38	6	NR on skeleton tower.	Obscured from 151° to 313°.
25662	BLIGH REEF LIGHT	60 50 20 N 146 53 02 W	FI W 4s	59	9	NR on pile structure.	RACON: B (—•••).
25665	GLACIER ISLAND LIGHT	60 52 20 N 147 05 31 W	FI W 6s	38	9	NR on skeleton tower.	Obscured from 040° to 225°.
25670	BUSBY ISLAND LIGHT	60 53 43 N 146 49 01 W	FI W 6s (R sector)	48	W R 9 6	NR on skeleton tower.	Obscured from 245° to 003°. Red from 003° to 044°.
Tatitlek Narrows							
25673	Tatitlek Rock Daybeacon	60 51 26 N 146 40 36 W		12		NR on spindle.	
25675	- Daybeacon 1	60 51 13 N 146 41 16 W		12		SG on spindle.	
25680	- Daybeacon 2	60 51 49 N 146 41 45 W		12		TR on spindle.	
25685	- Daybeacon 4	60 52 07 N 146 42 26 W				TR on pile.	
25690	- Daybeacon 6	60 52 26 N 146 42 40 W		12		TR on spindle.	
25695	- Daybeacon 8	60 53 34 N 146 43 12 W		10		TR on spindle.	
Valdez Arm							
25700	- <i>Lighted Buoy 9</i>	60 57 09 N 146 52 31 W	FI G 4s		4	Green.	
25705	ROCKY POINT LIGHT 10	60 57 02 N 146 47 06 W	FI R 4s	38	5	TR on skeleton tower.	Obscured from 211° to 335°.
25715	POTATO POINT LIGHT 11	61 03 23 N 146 41 48 W	Oc G 4s	38	5	SG on skeleton tower.	Higher intensity beam on bearing 033° and 230°. Obscured from 040° to 211°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
25720	Valdez Narrows Buoy 11A	61 03 16 N 146 41 38 W				Green can.	
25725	ENTRANCE POINT LIGHT 12	61 03 47 N 146 39 43 W	FI (2) R 5s	38	5	TR on skeleton tower.	Obscured from 210° to 000°.
25730	MIDDLE ROCK LIGHT 13	61 04 52 N 146 39 11 W	Q G	30	7	SG on concrete pier.	Higher intensity beam down Valdez Arm.
Port Valdez							
25735	ENTRANCE ISLAND LIGHT 14	61 05 05 N 146 36 50 W	FI R 2.5s	38	5	TR on skeleton tower.	Obscured from 266° to 063°.
25740	- LIGHT 15	61 07 21 N 146 34 01 W	FI G 4s	12	5	SG on skeleton tower.	Obscured from 071° to 269°.
25750	- Mooring Buoy BM	61 05 17 N 146 24 42 W				White can with blue bands.	Private aid.
25752	Saw Island Mooring Buoys (4)	61 05 16 N 146 24 47 W				Blue and white bands.	Private aids.
25753	Valdez Marine Terminal Lighted Mooring Buoys (about 7)	61 05 29 N 146 25 15 W	FI Y 6s		1	Yellow with white reflector.	Mooring for oil containment boom. Private aids.
25754	Port Valdez Coast Guard Mooring Buoy	61 05 30 N 146 24 48 W				White sphere with blue stripe.	
25755	- BERTH 5 LIGHTS (2)	61 05 22 N 146 24 37 W	Q W	35		On mooring dolphins.	Private aids.
25765	- BERTH 4 LIGHTS (2)	61 05 16 N 146 24 01 W	Q R	35		On mooring dolphins.	Private aids.
25780	- BREAKWATER LIGHT	61 05 10 N 146 23 37 W	Q G	24			Private aid.
25785	- BERTH 3 LIGHTS (2)	61 05 16 N 146 23 13 W	Q W	35		On mooring dolphins.	Private aids.
25800	- BERTH 1 LIGHTS (2)	61 05 24 N 146 22 19 W	Q R	35		On mooring dolphins.	Private aids.
25805	Mineral Creek Coast Guard Mooring Buoy	61 07 45 N 146 27 07 W				White with blue stripe.	
25813	Solomon Gulch Mooring Buoys (8)	61 05 12 N 146 18 10 W				Yellow cans.	Mooring for oil containment boom. Private aids.
25815	VALDEZ BOAT HARBOR LIGHT 2	61 07 22 N 146 21 14 W	FI R 4s	22	5	TR on skeleton tower.	
25820	VALDEZ BOAT HARBOR LIGHT 3	61 07 24 N 146 21 19 W	FI G 4s	33	4	SG on skeleton tower.	
25822	PORT VALDEZ SERVS DOCK LIGHTS (2)		F R	13		On dolphins.	Private aids
25823	Valdez Security Zone Lighted Buoy A	61 06 00 N 146 25 42 W	FI Y 2.5s		5	Yellow pillar.	Port of Valdez security zone.
25823.1	Port Valdez Security Zone Daybeacon "A"	61 05 04 N 146 25 42 W				NY on single pile.	Private aid.
25824	Valdez Security Zone Lighted Buoy B	61 06 00 N 146 21 30 W	FI Y 2.5s		5	Yellow pillar.	Port of Valdez security zone.
25824.1	Port Valdez Security Zone Daybeacon "B"	61 05 06 N 146 21 30 W				NY on single pile.	Private aid.
25825	VALDEZ CONTAINER TERMINAL LIGHTS (2)	61 07 20 N 146 18 31 W	F G	16			Private aids.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
Naked Island							
25826	- Mooring Buoy	60 40 20 N 147 21 08 W				White with blue band.	Private aid.
25828	- Mooring Buoy	60 38 35 N 147 27 50 W				White with blue band.	Private aid.
PRINCE WILLIAM SOUND (Chart 16700)							
25830	<i>Smith Island Lighted Bell Buoy 1</i>	60 32 01 N 147 17 15 W	FI G 2.5s		4	Green.	
25835	Pennsylvania Rock Buoy 2	60 26 43 N 147 24 09 W				Red nun.	
25840	SEAL ISLAND LIGHT	60 25 47 N 147 24 56 W	FI W 4s	45	6	NR on skeleton tower.	Obscured from 273° to 032°.
25845	APPLEGATE SHOALS LIGHT	60 21 19 N 147 23 34 W	FI W 2.5s	24	6	NR on skeleton tower.	
25850	POINT ELEANOR LIGHT	60 34 51 N 147 33 47 W	FI W 6s	45	6	NR on skeleton tower.	Obscured from 301° to 091°.
25855	<i>Lone Island Shoal Lighted Bell Buoy 2</i>	60 38 14 N 147 47 16 W	FI R 4s		4	Red.	
25860	PERRY ISLAND LIGHT	60 39 17 N 147 55 57 W	FI W 6s	35	6	NR on skeleton tower.	Obscured from 126° to 266°.
25865	CULROSS ISLAND LIGHT	60 44 50 N 148 06 49 W	FI W 4s	40	6	NR on skeleton tower.	Obscured from 334° to 128°.
25868	Lake Bay Mooring Buoys (4)					Yellow cans.	Mooring for oil containment boom. Private aids.
25870	POINT ESTHER LIGHT	60 47 08 N 148 06 01 W	FI W 6s	31	6	NR on skeleton tower.	Obscured from 108° to 276°.
Passage Canal							
25875	POINT PIGOT LIGHT	60 48 03 N 148 21 25 W	FI W 6s	25	7	NR on skeleton tower.	Obscured from 100° to 247°.
25880	DECISION POINT LIGHT	60 48 22 N 148 27 20 W	FI W 4s	35	6	NR on skeleton tower.	Obscured from 315° to 105°.
25885	TRINITY POINT LIGHT	60 48 23 N 148 34 06 W	FI W 6s	39	6	NR on skeleton tower.	Obscured from 262° to 079°.
25893	WHITTIER PASSENGER DOCK LIGHTS (2)	60 46 41 N 148 41 43 W	FI R 6s	3		On dock.	Private aids.
25895	MARGINAL WHARF LIGHT	60 46 38 N 148 40 32 W	F R	12		On post.	Private aid.
25900	WHITTIER BREAKWATER LIGHT 1	60 46 41 N 148 41 34 W	FI G 4s	8	4	SG on skeleton tower.	Obscured from 233° to 078°.
Port Nellie Juan							
25905	- LIGHT	60 35 52 N 148 06 07 W	FI W 2.5s	23	5	NR on skeleton tower.	Obscured from 280° to 070°.
25907	<i>Main Bay Lighted Mooring Buoys (6)</i>	60 32 05 N 148 05 04 W	FI Y 2.5s			Yellow.	Mooring for oil containment boom. Private aid.
Knight Island Passage							
25910	CRAFTON ISLAND LIGHT	60 30 42 N 147 56 04 W	FI W 4s	70	6	NR on skeleton tower.	Obscured from 328° to 146°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
25915	NEW YEAR ISLANDS LIGHT	60 18 46 N 147 55 04 W	FI W 6s	23	6	NR on skeleton tower.	Obscured from 193° to 316°.
25920	PLEIADES LIGHT	60 14 24 N 148 00 38 W	FI W 4s	30	6	NR on skeleton tower.	Obscured from 343° to 131°.
25925	POINT HELEN LIGHT	60 09 11 N 147 45 59 W	FI W 6s	35	6	NR on skeleton tower.	Obscured from 082° to 228°.
Sawmill Bay							
25930	- Daybeacon 1	60 03 07 N 148 01 25 W				SG on pile.	
25935	Crab Bay Daybeacon 2	60 04 02 N 148 00 31 W		6		TR on steel pile.	Tide Guage. Private aid.
25937	Sawmill Bay Mooring Buoys (13)					Yellow cans.	Mooring for oil containment boom. Private aids.
25945	- LIGHT 3	60 03 13 N 148 02 13 W	FI G 4s	14	5	SG on skeleton tower.	Obscured from 293° to 062°.
25950	- Daybeacon 5	60 03 00 N 148 03 14 W				SG on pile.	
Elrington Passage							
25965	- LIGHT	60 02 46 N 148 00 42 W	FI W 6s	25	6	NR on skeleton tower.	Obscured from 061° to 270°.
25970	EVANS ISLAND LIGHT	59 59 06 N 148 07 29 W	FI W 2.5s	20	5	NR on skeleton tower.	Obscured from 084° to 249°.
25975	LONETREE POINT LIGHT	59 58 56 N 148 12 00 W	FI W 4s	30	6	NR on skeleton tower.	Obscured from 280° to 063°.
25980	POINT ELRINGTON LIGHT	59 56 11 N 148 15 01 W	FI W 6s	30	7	NR on skeleton tower.	Obscured from 198° to 354°.
25982	NOAA DATA LIGHTED BUOY 46076	59 29 58 N 147 59 59 W	FI (4)Y 20s			Yellow boat shaped hull.	Aid maintained by NOAA.
POINT ELRINGTON TO EAST CHUGACH ISLAND (Chart 16680)							
Resurrection Bay							
25985 1140	RUGGED ISLAND LIGHT	59 50 18 N 149 22 26 W	FI 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 N 149 23 16 W	FI W 4s	35	6	NR on pile.	Obscured from 043° to 214°.
26000	THUMB COVE LIGHT	60 00 25 N 149 20 02 W	FI W 6s	42	6	NR on pile.	Obscured from 108° to 249°.
26002	Thumb Cove Fish Pen Marker	60 00 16 N 149 21 02 W		2			Private aids.
26005	FOURTH OF JULY SOUTH BREAKWATER LIGHT	60 05 06 N 149 21 36 W	FI R 4s	9		On pedestal.	Private aid.
26007	SEWARD FOREST PRODUCTS DOCK MOORING LIGHTS (2)	60 05 45 N 149 21 34 W	FI R 2.5s	20		On dolphins.	Private aids.
26010	SEWARD MARINE DOCK LIGHT	60 05 57 N 149 26 25 W	F R			On end of dock.	Private aid.
26015	SEWARD BOAT HARBOR LIGHT 1	60 06 49 N 149 26 01 W	FI G 2.5s	12	5	SG on pile.	
26020	SEWARD EAST BREAKWATER LIGHT 2	60 06 56 N 149 25 56 W	FI R 4s	16	5	TR on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
26025	SEWARD WEST BREAKWATER LIGHT 3	60 06 56 N 149 26 03 W	FI G 4s	16	5	SG on skeleton tower.	
26030	Railroad Pier Buoy 2	60 06 56 N 149 25 27 W				Red nun.	
26034	<i>Seward Coal Dock Lighted Buoy</i>	60 06 46 N 149 25 47 W	Q W			White with orange bands.	Private aid.
26035	Seward Coal Dock Mooring Buoy	60 06 48 N 149 25 47 W				White with blue band.	Private aid.
26040	SEWARD COAL DOLPHIN LIGHT	60 06 52 N 149 25 39 W	FI G 6s	10		On pile dolphin.	Private aid.
26043	SEWARD CARGO DOCK MOORING DOLPHIN LIGHT	60 07 02 N 149 25 37 W	FI R 6s	24		On dolphin.	Private aid.
26045	ALASKA RAILROAD DOCK WEST LIGHT	60 07 07 N 149 25 33 W	F R	31		On post on dock.	Private aid.
26050	ALASKA RAILROAD DOCK EAST LIGHT	60 07 07 N 149 25 29 W	F R	31		On post on dock.	Private aid.
26052	Seward Sediment Control Groin Markers (3)			25		NW on pile.	Private aids.
McArthur Pass							
26055	McARTHUR PASS LIGHT	59 27 47 N 150 20 12 W	FI W 4s	45	6	NR on skeleton tower.	Obscured from 074° to 256°.
COOK INLET (Southern Part) (Chart 16640)							
Cook Inlet							
<i>Oil well structures exist in Cook Inlet from Kalgin Island to the mouth of the Beluga River. Some buoys may be located outside of the wire dragged area.</i>							
26065 1155	EAST CHUGACH LIGHT	59 06 23 N 151 26 37 W	FI W 6s	325	7	NR on skeleton tower.	Obscured from 118° to 227°.
26070	PERL ISLAND LIGHT 1	59 07 04 N 151 38 25 W	FI G 2.5s	80	5	SG on skeleton tower.	Obscured from 311° to 117°.
26075	<i>Chugach Passage Lighted Buoy 2</i>	59 09 02 N 151 45 23 W	FI R 2.5s		4	Red.	
26080	<i>Chugach Passage Lighted Buoy 3</i>	59 10 52 N 151 47 33 W	FI G 4s		4	Green.	
26085	PORT CHATHAM ENTRANCE LIGHT	59 12 33 N 151 46 34 W	FI W 2.5s	40	6	NR on skeleton tower.	
26090	Port Chatham Junction Buoy PC	59 12 48 N 151 46 33 W				Green and red bands; can.	
26091	Port Chatham CG Mooring Buoy	59 13 00 N 151 44 00 W				White sphere with blue stripe.	
26095	PERL ROCK LIGHT	59 05 24 N 151 41 40 W	FI W 4s	66	8	NR on skeleton tower.	
26100 1160	EAST AMATULI ISLAND LIGHT	58 54 57 N 151 57 08 W	FI W 6s	120	8	NR on skeleton tower.	Obscured from 076° to 147°.
26105	CAPE ELIZABETH LIGHT	59 08 47 N 151 52 36 W	FI W 6s	48	9	NR on skeleton tower.	
26110	FLAT ISLAND LIGHT	59 19 51 N 151 59 42 W	FI W 4s	70	8	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							
Port Graham							
26115	- Entrance Shoal Buoy 1	59 22 44 N 151 54 16 W				Green can.	
26120	- ENTRANCE LIGHT	59 22 21 N 151 53 07 W	FI W 4s	50	5	NR on small house.	Obscured from 313° to 070°.
26125	- Daybeacon 3	59 22 23 N 151 52 33 W				SG on tower.	
26130	- Daybeacon 4	59 22 07 N 151 52 24 W				TR on pile.	
26135	North Spit Daybeacon 5	59 21 46 N 151 51 39 W				SG on pile.	
26140	- Daybeacon 6	59 21 22 N 151 50 14 W				TR on pile.	
26145	POINT POGIBSHI LIGHT	59 25 28 N 151 53 13 W	FI W 2.5s	94	6	NR on skeleton tower.	
Seldovia Bay							
26150	- ENTRANCE LIGHT	59 27 08 N 151 43 16 W	FI W 6s	64	7	NR on small house.	Obscured from 202° to 080° and from 088° to 098°.
26155	<i>Seldovia Bay Lighted Buoy 1</i>	59 26 51 N 151 43 26 W	FI G 2.5s		4	Green.	
26160	- LIGHT 2	59 26 45 N 151 43 31 W	FI R 4s	22	4	TR on pile.	
26165	- LIGHT 3	59 26 33 N 151 43 17 W	FI G 4s	45	3	SG on small house.	
26170	SELDOVIA DOCK LIGHTS (2)	59 26 30 N 151 43 06 W	F R	15		Pole.	Private aids.
26175	- Buoy 4	59 26 25 N 151 43 34 W		22		Red.	
26180	SELDOVIA BREAKWATER LIGHT 5	59 26 17 N 151 43 08 W	FI G 2.5s	22	3	SG on skeleton tower.	
Kachemak Bay							
26185	Tutka Bay Buoy 2	59 29 31 N 151 33 09 W				Red nun.	
26190	SIXTY FOOT ROCK LIGHT	59 33 01 N 151 28 02 W	FI W 4s	79	8	NR on skeleton tower.	Higher intensity beam from 060° to 120°.
26195	<i>Archimandritof Shoals Lighted Buoy 3</i>	59 35 30 N 151 26 11 W	FI G 2.5s		3	Green.	
26200	HOMER SPIT LIGHT	59 36 02 N 151 24 34 W	FI G 6s	34	5	On tower on top of hotel roof.	Obscured from 040° to 060°.
26205	HOMER MAIN DOCK LIGHTS (2)	59 36 07 N 151 24 45 W	F R			On pier.	Private aids.
26210	HOMER BREAKWATER LIGHT 2	59 36 14 N 151 24 53 W	Q R	20	4	TR on skeleton tower.	
26213	HOMER CHEVRON FUEL FLOAT LIGHTS (2)	59 36 17 N 151 25 00 W	F R	2		On float.	Private aids.
26215	HOMER FUEL DOCK LIGHTS (2)	59 36 17 N 151 25 04 W	Q G	30		On dock.	Private aids.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
Homer Spit							
26216	- <i>South Lighted Mooring Buoy</i>	59 36 15 N 151 24 50 W	FI W 6s			White with blue band.	Private aid.
26216.5	- DEEPWATER SOUTH DOLPHIN LIGHT	59 36 18 N 151 24 50 W	FI R 6s	12		On dolphin.	Private aid.
26217	- DEEPWATER SOUTH DOCK LIGHTS (2)	59 36 18 N 151 24 54 W	F R	30		On pier.	Private aids.
26220	- DEEPWATER NORTH DOCK LIGHTS (2)	59 36 24 N 151 24 54 W	F R	30		On pier.	Private aids.
26223	- DEEPWATER DOLPHIN LIGHT	59 36 24 N 151 24 54 W	FI R 4s			On dolphin.	Private aid.
26224	- <i>North Lighted Mooring Buoy</i>	59 36 28 N 151 24 54 W	FI W 6s			White with blue band.	Private aid.
Kachemak Bay							
26225	GULL ISLAND LIGHT 2	59 35 05 N 151 19 46 W	FI R 4s	94	4	TR on skeleton tower.	
26230	HALIBUT COVE LIGHT 2	59 36 01 N 151 12 53 W	FI R 6s	70	4	TR on small house.	Obscured from 024° to 119°.
26245	Halibut Cove Daybeacon 4	59 35 46 N 151 12 36 W				TR on tower.	
26250	Anchor Point Light	59 46 09 N 151 52 01 W	FI W 6s	41	8	NR on skeleton tower.	Obscured 174° to 346.5°.
26255	NINILCHIK CHANNEL ENTRANCE LIGHT	60 03 17 N 151 39 53 W	FI W 4s	25	5	NR on tower.	Use only with local knowledge.
26260	Ninlchik Rock Sill North Daybeacon	60 03 16 N 151 39 52 W				NW on pile worded DANGER SUBMERGED ROCK SILL.	Use only with local knowledge.
26265	Ninilchik Rock Sill South Daybeacon	60 03 17 N 151 39 56 W				NW on pile worded DANGER SUBMERGED ROCK SILL 66 YARDS.	Use only with local Knowledge.
26270	<i>Lower Cook Inlet Junction Lighted Bell Buoy C1</i>	60 04 41 N 152 09 51 W	FI (2+1) G 6s		4	Green and red bands.	Maintained from May 1 to Nov. 1.
26275	CHISIK ISLAND LIGHT	60 05 45 N 152 33 42 W	FI W 4s	215	8	NR on skeleton tower.	
COOK INLET (Northern Part) (Chart 16660)							
Cook Inlet							
26280	KALGIN ISLAND SOUTH LIGHT	60 20 45 N 152 05 06 W	FI W 2.5s	65	6	NR on skeleton tower.	
26285	HARRIET POINT LIGHT	60 23 46 N 152 14 15 W	FI W 6s	95	8	NR on skeleton tower.	Higher intensity beam up and down channel.
26295	DRIFT RIVER TERMINAL LIGHTS (2)	60 33 15 N 152 08 14 W	F R	50		On mooring dolphins.	HORN: 1 blast ev 20s (2s bl).
26300	KALGIN ISLAND LIGHT	60 29 06 N 151 50 16 W	FI W 4s	140	7	NR on skeleton tower.	Obscured from 022° to 162°.
26305	<i>Kasilof Entrance Channel Lighted Buoy 1</i>	60 23 22 N 151 23 38 W	FI G 2.5s		4	Green.	Maintained from May 1 to Nov. 1.
26310	KASILOF RIVER CHANNEL LIGHT	60 23 15 N 151 18 54 W	Iso W 6s	30	6	NR on skeleton tower.	Maintained from May 1 to Nov. 1.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
26315	Kasilof Entrance Channel Buoys (9) Marks channel into Kasilof River.					Red nuns and green cans.	Maintained from May 1 to Nov. 1.
26320	<i>Kenai Entrance Channel</i> <i>Lighted Buoy 1KE</i>	60 31 16 N 151 20 38 W	FI G 4s		4	Green.	Maintained from May 1 to Nov. 1.
26325	KENAI RIVER LIGHT 3	60 33 00 N 151 15 45 W	FI G 2.5s	20	4	SG on multi-pile structure.	
26330	Nikiski Light	60 38 11 N 151 20 59 W		127	10 G 10 R 10 W 10	SPS on pile.	Red sector from 028.25° to 029.25° true. White Sector from 029.29° to 030.75° true. Green sector from 030.75° to 031.75° true.
26335	COLLIER PIER LIGHTS (2)	60 40 18 N 151 23 12 W	Q R	22		On dolphins.	Private aids.
26340	PHILLIPS LNG DOCK LIGHTS (2)	60 40 40 N 151 23 50 W	Q R	40		On pier.	Private aids.
26345	KENAI PIPE LINE COMPANY DOCK LIGHTS (2)	60 40 52 N 151 23 50 W	F R	35		On dolphins.	Private aids.
26355	EAST FORELAND LIGHT	60 43 10 N 151 24 27 W	FI W 6s	294	9	NR on skeleton tower.	Obscured from 208° to 010°.
26360	East Foreland Buoy 2	60 42 22 N 151 30 38 W				Red nun.	Maintained from May 1 to Nov. 1.
26361.1	MIDDLE GROUND SHOAL OIL PLATFORM "C"	60 45 50 N 151 30 07 W	Q W	60		(4) lights on Shell Oil Platform.	Private aid. HORN .
26361.11	MARATHON SPARK OIL PLATFORM	60 55 40 N 151 31 59 W	Q W	64		(3) lights on Marathon Oil Platform.	Private aid. HORN .
26361.12	GRANITE POINT OIL PLATFORM NO. 1	60 57 27 N 151 20 00 W	Q W	77		(4) lights on Unocal Oil Platform.	Private aid. HORN .
26361.13	GRANITE POINT OIL PLATFORM "ANNA"	60 58 36 N 151 18 54 W	Q W	92		(4) lights on Unocal Oil Platform.	Private aid. HORN .
26361.14	GRANITE POINT OIL PLATFORM "BRUCE"	60 59 54 N 151 18 00 W	Q W	92		(4) lights on Unocal Oil Platform.	Private aid. HORN .
26361.15	OSPREY OIL PLATFORM	60 41 46 N 151 40 10 W	Q W		6	(4) lights on Forest Oil Platform.	Private aid. HORN .
26361.2	MIDDLE GROUND SHOAL OIL PLATFORM "A"	60 47 44 N 151 29 57 W	Q W	65		(4) lights on Shell Oil Platform.	Private aid. HORN .
26361.3	DOLLY VARDEN OIL PLATFORM 1	60 48 27 N 151 37 59 W	Q W	59		(4) lights on Marathon Oil Platform.	Private aid. HORN .
26361.4	STEELHEAD OIL PLATFORM	60 49 54 N 151 36 08 W	Q W	65		(4) lights on Marathon Oil Platform.	Private aid. HORN .
26361.6	GRAYLING OIL PLATFORM	60 50 23 N 151 36 47 W	Q W	60		(4) lights on Unocal Oil Platform.	Private aid. HORN .
26361.7	KING SALMON OIL PLATFORM	60 51 55 N 151 36 21 W	Q W	57		(4) lights on Arco Oil Platform.	Private aid. HORN .
26361.8	MONOPOD OIL PLATFORM	60 53 49 N 151 34 45 W	Q W	32		(4) lights on Unocal Oil Platform.	Private aid. HORN .
26361.9	MARATHON SPURR OIL PLATFORM	60 55 08 N 151 33 34 W	Q W	45		(3) lights on Marathon Oil Platform.	Private aid. HORN .
26365	NORTH FORELAND DOCK LIGHTS (2)	61 02 34 N 151 09 48 W	FI W 2.5s	13	4	On pier.	Private aids.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
26366	N. COOK INLET OIL PLATFORM "PHILLIPS-A"	61 04 34 N 150 57 00 W	Q W	65		(4) lights on Phillips Oil Platform.	Private aid. HORN .
26367	<i>Middle Ground Shoal Lighted Buoy 3</i>	60 54 24 N 151 17 36 W	FI G 4s		4	Green.	
26370	<i>Moose Point Lighted Buoy MP</i>	60 59 13 N 150 54 13 W	FI (2+1) R 6s		4	Red and green bands.	Maintained from May 1 to Nov. 1.
26375	MOOSE POINT LIGHT	60 57 21 N 150 41 10 W	FI W 4s	15	9	NR on skeleton tower.	
26378	SUSITNA FLATS LIGHT	61 15 10 N 150 29 17 W	FI W 4s	19	9	On skeleton tower.	RACON: K(- • -)
26384	<i>Lighted Bell Buoy 6</i>	61 09 00 N 150 20 01 W	FI R 2.5s		4	Red.	Maintained from May 1 to Nov. 1.
26390	WEST POINT LIGHT	61 07 34 N 150 16 56 W	FI W 6s	30	7	NR on skeleton tower.	
26405	RACE POINT LIGHT	61 10 03 N 150 13 30 W	FI W 2.5s	170	7	NR on skeleton tower.	Obscured from 235° to 038°.
26410	FIRE ISLAND RANGE FRONT LIGHT	61 10 21 N 150 12 00 W	Q W	125		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 14 N 150 12 27 W	Iso W 6s	166		KRB on multi-pile structure.	Visible 4° each side of rangeline.
26420	<i>Knik Arm Shoal Lighted Buoy 7</i>	61 12 13 N 150 05 23 W	Q G		4	Green.	Maintained from May 1 to Nov. 1.
26435	POINT WORONZOF RANGE FRONT LIGHT	61 12 07 N 150 01 19 W	Oc G 4s	55	19	KRW on single pile.	Visible 4° each side of rangeline.
26440	POINT WORONZOF RANGE REAR LIGHT 300 yards, 081.0° from front light.	61 12 08 N 150 01 01 W	F G	145	17	KRW on multi-pile structure.	Visible 4° each side of rangeline.
26445	POINT MACKENZIE LIGHT 7	61 14 18 N 149 59 14 W	FI G 6s	80	5	SG on skeleton tower.	Obscured from 106° to 255°.
KODIAK ISLAND (Chart 16580)							
Marmot Strait							
26460 1170	TONKI CAPE LIGHT	58 21 09 N 151 59 12 W	FI W 4s	75	8	NR on skeleton tower.	
Marmot Bay							
26463	OUZINKIE BREAKWATER LIGHT 2	57 55 15 N 152 29 48 W	FI R 6s	23	4	TR on breakwater.	
26465	PROKODA ISLAND LIGHT 2	57 54 38 N 152 30 23 W	FI R 4s	40	4	TR on small house.	Higher intensity beam on bearing 120°. Obscured from 148° to 274°.
26470	Ouzinkie Narrows Daybeacon 4	57 54 41 N 152 30 47 W				TR on spindle.	
26475	<i>Entrance Point Shoal Lighted Buoy 5</i>	57 54 48 N 152 31 40 W	FI G 2.5s		3	Green.	
26480	Three Brothers Reef Buoy 6	57 55 07 N 152 32 43 W				Red nun.	
26485	Low Island Reef Buoy 7	57 55 01 N 152 32 56 W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
26490	THREE BROTHERS LIGHT 8	57 55 26 N 152 33 14 W	FI R 4s	32	3	TR on skeleton tower on concrete pier.	
26495	SHAKMANOF POINT LIGHT	57 55 31 N 152 35 16 W	FI W 6s	60	6	NR on skeleton tower.	
Afognak Bay							
26500	Skipwith Reefs Buoy 2	58 00 39 N 152 39 20 W				Red nun.	
26505	HOG ISLAND LIGHT	58 00 07 N 152 41 10 W	FI W 4s (2R sectors)	40	W R 6 4	NR on skeleton tower.	Red sector from 024° to 088° and from 188° to 242°. Obscured from 088° to 188°.
Whale Passage							
26510	ILKOGNAK LIGHT	57 54 49 N 152 47 02 W	FI W 4s	18	5	NR on pile.	
26513	Shag Rock Daybeacon 1	57 54 29 N 152 47 30 W				SG on tower.	
26515	Yuzhni Point Buoy 2	57 55 09 N 152 47 03 W				Red nun.	
26517	Whale Passage Daybeacon 3	57 54 53 N 152 48 14 W				SG on tower.	
26520	- Daybeacon 4	57 55 25 N 152 47 57 W				TR on tower.	
26525	KONIUII ISLAND LIGHT 5	57 55 47 N 152 50 19 W	FI G 2.5s	70	4	SG on skeleton tower.	Higher intensity beam on bearing 296.5°
Kizhuyak Bay							
26530	Settler Cove Daybeacon 1	57 52 20 N 152 51 41 W				SG on pile.	
26535	SETTLER COVE BREAKWATER LIGHT 2	57 52 10 N 152 51 47 W	FI R 2.5s	24	4	TR on single pile.	
26540	<i>Port Wakefield Lighted Buoy 2</i>	57 51 33 N 152 51 37 W	FI R 4s		4	Red.	
Kodiak North Entrance							
26545 1175	<i>Williams Reef Lighted Whistle Buoy 1</i>	57 50 17 N 152 09 28 W	FI G 4s		5	Green.	
26550	<i>- Channel Lighted Whistle Buoy 3</i>	57 50 53 N 152 13 43 W	FI G 6s		4	Green.	
26555	<i>Hutchinson Reef Lighted Whistle Buoy 4</i>	57 49 58 N 152 17 25 W	FI R 4s		4	Red.	
26560	HANIN ROCK LIGHT	57 50 05 N 152 18 52 W	Q W	43	6	Skeleton tower.	
26565	<i>- Channel Lighted Whistle Buoy 5</i>	57 49 19 N 152 18 00 W	FI G 2.5s		4	Green.	
26570	<i>- Channel Lighted Whistle Buoy 7</i>	57 48 54 N 152 18 42 W	FI G 4s		5	Green.	
26575	<i>- Channel Lighted Buoy 8</i>	57 48 44 N 152 19 33 W	FI R 2.5s		4	Red.	
26580	Spruce Cape Light	57 49 20 N 152 19 31 W	FI W 10s	40	18	NR on skeleton tower.	
26585	<i>- Channel Lighted Buoy 10</i>	57 48 10 N 152 20 48 W	FI R 6s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
26590	WOODY ISLAND LIGHT	57 47 46 N 152 20 19 W	FI W 6s	50	5	NR on skeleton tower.	Obscured from 228° to 040°.
26595	- Channel Buoy 11	57 47 41 N 152 20 57 W				Green can.	
26600	- <i>Channel Lighted Bell Buoy KH</i>	57 47 45 N 152 21 33 W	FI (2+1) R 6s		4	Red and green bands.	
26605	- Channel Buoy 13	57 47 23 N 152 22 06 W				Green can.	
26610	<i>Cyane Rock Lighted Bell Buoy 15</i>	57 47 26 N 152 23 12 W	Q G		4	Green.	
26615	KODIAK FERRY DOCK LIGHTS (2)	57 47 12 N 152 24 00 W	F R	18		Pedestal.	Private aids.
26620	Kodiak Boat Harbor Daybeacon 2	57 47 06 N 152 24 30 W				TR on pile.	
26630	KODIAK BOAT HARBOR LIGHT 1	57 47 05 N 152 24 36 W	FI G 4s	18	4	SG on skeleton tower.	
Saint Herman Bay							
26635	- North Entrance Daybeacon 1	57 46 57 N 152 24 33 W				SG on pile.	
26640	- NORTH ENTRANCE LIGHT 2	57 46 56 N 152 24 34 W	FI R 6s	17	4	TR on skeleton tower.	
Woody Island							
26645	- <i>Channel Lighted Buoy 2</i>	57 47 09 N 152 21 43 W	FI R 2.5s		3	Red.	
26650	- Channel Buoy 3	57 46 46 N 152 21 50 W				Green can.	
26655	- Channel Buoy 4	57 46 36 N 152 22 17 W				Red nun.	
26660	- <i>Channel Lighted Buoy 5</i>	57 45 35 N 152 22 22 W	FI G 6s		4	Green.	
26665	- Channel Buoy 6	57 45 06 N 152 24 00 W				Red nun.	
St. Paul Harbor							
26675	- <i>Entrance Midchannel Lighted Whistle Buoy SP</i>	57 44 03 N 152 24 20 W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
26680	- Entrance Light	57 44 19 N 152 25 48 W	FI W 6s	38	10	NR on spindle tower.	
26685	- <i>Entrance Channel Lighted Bell Buoy 2</i>	57 44 28 N 152 25 10 W	FI R 4s		4	Red.	
26690	- <i>Entrance Channel Lighted Whistle Buoy 3</i>	57 44 25 N 152 25 32 W	FI G 2.5s		3	Green.	
26695	- Entrance Channel Buoy 5	57 44 28 N 152 26 05 W				Green can.	
26700	- <i>Entrance Channel Lighted Bell Buoy 6</i>	57 45 07 N 152 26 52 W	Q R		4	Red.	
26705	- <i>Entrance Channel Lighted Buoy 7</i>	57 45 22 N 152 27 07 W	FI 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							
26715	<i>Gull Island Rocks Lighted Buoy 8</i>	57 46 33 N 152 25 57 W	FI R 6s		4	Red.	
Saint Herman Harbor							
26730	- South Approach Buoy 1	57 46 27 N 152 25 20 W				Green can.	
26732	ST. HERMAN HARBOR SOUTH ENTRANCE LIGHT 3	57 46 28 N 152 25 04 W	FI G 4s	5	4	SG on spindle.	
26733	ST. HERMAN HARBOR SOUTH ENTRANCE LIGHT 4	57 46 25 N 152 25 06 W	FI R 6s	5	4	TR on spindle.	
26735	- South Entrance Daybeacon 7	57 46 42 N 152 25 00 W				SG on pile.	
St. Paul Harbor							
26740	CONTAINER TERMINAL PIER 3 LIGHTS (4)	57 46 54 N 152 26 00 W	F R	18		On pier.	Private aids.
26745	KODIAK CITY DOCK PIER 2 LIGHTS (2)	57 47 04 N 152 25 24 W	F R	16		On pedestal.	Private aids.
26755	<i>Gull Island Lighted Buoy 10</i>	57 46 55 N 152 25 14 W	FI R 2.5s		4	Red.	
26760	- Entrance Channel Buoy 11	57 47 02 N 152 24 41 W				Green can.	
Womens Bay							
26765	- FRONT RANGE LIGHT	57 43 24 N 152 28 51 W	Q W	43	4	KRB on skeleton tower.	
26770	- REAR RANGE LIGHT 630 yards, 211.1° from front light.	57 43 07 N 152 29 10 W	Oc W 4s	90	4	KRB on skeleton tower.	
26780	- Entrance Channel Buoy 2	57 44 21 N 152 27 53 W				Red nun.	
26785	- <i>Entrance Channel Lighted Bell Buoy 3</i>	57 44 17 N 152 27 43 W	FI G 2.5s		4	Green.	
26790	- Entrance Channel Buoy 5	57 43 57 N 152 28 08 W				Green can.	
26795	- <i>Entrance Channel Lighted Buoy 6</i>	57 43 48 N 152 28 28 W	FI R 2.5s		4	Red.	
26800	- <i>Entrance Channel Lighted Bell Buoy 7</i>	57 43 45 N 152 28 22 W	FI G 4s		4	Green.	
26805	- <i>Entrance Channel Lighted Buoy 8</i>	57 43 39 N 152 28 44 W	FI R 4s		3	Red.	
26810	- Entrance Channel Buoy 9	57 43 33 N 152 28 41 W				Green can.	
26815	- <i>Entrance Channel Lighted Buoy 11</i>	57 43 25 N 152 29 25 W	FI G 6s		4	Green.	
26820	- Entrance Channel Buoy 12	57 43 25 N 152 30 01 W				Red nun.	
26825	- <i>Entrance Channel Lighted Buoy 13</i>	57 43 11 N 152 30 10 W	Q G		3	Green.	
26830	- <i>Entrance Channel Lighted Buoy 14</i>	57 42 53 N 152 30 42 W	Q R		3	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
26835	- Lighted Buoy 16	57 42 58 N 152 31 41 W	FI R 4s		3	Red.	
26840	- Buoy 18	57 43 33 N 152 31 11 W				Red nun.	
26845	- Middle Shoal Buoy 19	57 43 48 N 152 31 07 W				Green can.	
Chiniak Bay							
26850 1180	<i>Humpback Rock Lighted Whistle Buoy 1</i>	57 42 48 N 152 14 13 W	FI G 4s		5	Green.	
Sitkalidak Strait							
26855	TABLE ISLAND LIGHT	57 11 21 N 152 55 13 W	FI W 4s	106	7	NR on small house.	
26860	NUT ISLAND LIGHT	57 12 13 N 153 09 35 W	FI (2+1) R 6s	40	3	JR on steel square frame.	
26865	BUSH POINT LIGHT 2	57 13 04 N 153 13 01 W	FI R 4s	20	6	TR on steel skeleton tower.	
26870	SHEEP ISLAND LIGHT 3	57 12 50 N 153 15 13 W	FI G 2.5s	20	4	SG on tower.	
26875	SITKALIDAK PASSAGE LIGHT 4	57 12 33 N 153 16 33 W	FI R 6s	30	4	TR on steel skeleton tower.	
Old Harbor							
26879	- Daybeacon 1	57 12 28 N 153 17 49 W				SG on tower.	
26880	- Daybeacon 2	57 12 31 N 153 17 52 W				TR on pile.	
26885	- Daybeacon 3	57 12 31 N 153 18 00 W				SG on pile.	
26890	- Daybeacon 4	57 12 32 N 153 18 02 W				TR on pile.	
Geese Channel							
26895	- Lighted Gong Buoy 1	56 44 50 N 153 53 08 W	FI G 2.5s		4	Green.	
26900	- Buoy 3	56 43 30 N 153 58 34 W				Green can.	
26905	- Lighted Bell Buoy 4	56 43 40 N 153 59 06 W	FI R 4s		3	Red.	
26910	AIKATLIK ISLAND LIGHT 5	56 43 53 N 154 03 06 W	FI G 6s	57	5	SG on skeleton tower.	
Sitkinak Strait							
26915 1195	WHIRLPOOL POINT LIGHT	56 37 00 N 154 05 36 W	FI W 2.5s	51	8	NR on skeleton tower.	
Alitak Bay							
26920	CAPE ALITAK LIGHT	56 50 35 N 154 18 25 W	FI W 6s	63	7	NR on small house.	Obscured from 190° to 263°.
26925	LAZY BAY LIGHT 2	56 53 31 N 154 13 03 W	FI R 4s	25	6	TR on steel skeleton tower.	
26930	- Akhiok Reef Buoy 1	56 54 47 N 154 07 52 W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
26935	MOSER BAY LIGHT 2	56 58 19 N 154 06 25 W	FI R 6s	22	5	TR on steel skeleton tower.	
26940	Moser Bay Buoy 3	56 58 25 N 154 06 50 W				Green can.	
26945	Moser Bay Buoy 4	56 58 52 N 154 08 03 W				Red nun.	
26950	NOAA DATA LIGHTED BUOY 46077	57 55 15 N 154 15 15 W	FI(4)Y 20s			Yellow boat-shaped hull.	Aid maintained by NOAA.
Shelikof Strait							
26955	Wolcott Reef Buoy	57 40 05 N 154 12 12 W				Red and green bands; nun.	
Uyak Bay							
26960	HARVESTER ISLAND SPIT LIGHT 2	57 38 15 N 153 59 40 W	FI R 4s	22	3	TR on multi-pile structure.	
Larsen Bay							
26965	LARSEN BAY JUNCTION LIGHT LB	57 32 37 N 153 58 36 W	FI (2+1) R 6s	10	4	JR on tower.	
26970	- Daybeacon 2	57 32 33 N 153 59 04 W				TR on pile.	
26975	- Daybeacon 3	57 32 27 N 153 59 06 W				SG on pile.	
26980	- RANGE FRONT LIGHT	57 32 44 N 154 00 12 W	Q W	35		KRW on skeleton tower.	
26985	- RANGE REAR LIGHT 140 yards, 291.5° from light.	57 32 45 N 154 00 20 W	Iso W 6s	45		KRW on skeleton tower.	
26986	Larsen Bay Reef Buoy 5	57 32 00 N 154 00 36 W				Green can.	
26988	LARSEN BAY HARBOR LIGHT 4	57 31 56 N 154 00 29 W	FI R 6s	10	4	TR on Tower.	
Uyak Bay							
26990	Aleutian Rock Daybeacon 1	57 25 36 N 153 50 42 W				SG on tower.	
Uganik Bay							
26995	NOISY ISLAND LIGHT	57 55 55 N 153 33 48 W	FI W 6s	80	7	NR on skeleton tower.	Obscured from 223° to 338°.
27000	NORTHEAST ARM LIGHT 1	57 47 08 N 153 27 14 W	FI G 6s	58	5	SG on small house.	Obscured from 139° to 282.5°.
27005	STARR POINT LIGHT 3	57 45 21 N 153 22 04 W	FI G 4s	30	5	SG on skeleton tower.	
Kupreanof Strait							
27010	MALINA POINT LIGHT	58 02 19 N 153 21 58 W	FI W 2.5s	80	6	NR on skeleton tower.	Higher intensity beam toward 110°.
27015	- Buoy K	57 59 36 N 153 10 45 W				Green and red bands; can.	
27020	DRY SPRUCE BAY ENTRANCE LIGHT	57 57 20 N 153 06 12 W	FI W 6s	76	6	NR on skeleton tower.	
27025	DRY SPRUCE ISLAND ROCK LIGHT 7	57 57 53 N 153 04 11 W	FI G 4s	30	4	SG on tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
27030	LAST TIMBER POINT LIGHT 6	57 58 40 N 152 59 01 W	FI R 4s	35	4	TR on small house.	
	Raspberry Strait						
27035	- LIGHT	58 09 35 N 153 13 24 W	FI W 6s	50	6	NR on small house.	
	Shelikof Strait						
27045 1165	LATAK ROCKS LIGHT	58 41 22 N 152 29 02 W	FI W 4s	40	8	NR on tower.	
	Shuyak Strait						
27050	ALLIGATOR ISLAND LIGHT	58 28 28 N 152 47 17 W	FI W 6s	72	7	NR on skeleton tower.	
27055	LIGHTHOUSE POINT LIGHT	58 28 57 N 152 39 09 W	FI W 4s	60	5	NR on house.	Obscured from 285° to 073.5°.

Section 19

Alaska Peninsula, Aleutian Islands, and Bering Sea

(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)							
Alaska Peninsula							
27060	CHIGNIK SPIT LIGHT	56 18 35 N 158 23 01 W	FI W 4s	35	6	NR on skeleton tower.	Obscured west of 238°.
Shumagin Islands							
27070	ANDRONICA ISLAND LIGHT	55 20 44 N 160 03 40 W	FI 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 N 160 30 18 W	FI G 4s	50	5	SG on skeleton tower.	
27085	<i>Popof Strait Lighted Buoy 3</i>	55 20 44 N 160 31 05 W	FI G 6s		4	Green.	
27090	<i>Unga Reef Lighted Buoy 4</i>	55 20 15 N 160 31 20 W	FI R 4s		3	Red.	
27095	<i>Popof Reef Lighted Gong Buoy 5</i>	55 20 08 N 160 31 02 W	FI G 2.5s		3	Green.	
27100	SAND POINT DOCK LIGHT	55 19 57 N 160 30 09 W	FI R 10s	10			Private aid.
27105	HUMBOLDT HARBOR BREAKWATER LIGHT 2	55 19 56 N 160 30 12 W	FI R 2.5s	24	3	TR on spindle.	
27110	HUMBOLDT HARBOR BREAKWATER LIGHT 3	55 19 56 N 160 30 04 W	FI G 2.5s	24	3	SG on spindle.	
27112	Caton Shoal Buoy 6	55 19 48 N 160 31 36 W				Red nun.	
27120	BARALOF BAY LIGHT	55 14 20 N 160 32 09 W	FI W 4s	60	5	NR on skeleton tower.	Obscured from 089° to 222°.
27125	UNGA SPIT LIGHT	55 24 23 N 160 43 51 W	FI W 6s	40	6	NR on skeleton tower.	Obscured from 280.5° to 060°.
27130	SEAL CAPE LIGHT	55 20 56 N 161 15 16 W	FI W 4s	75	6	NR on skeleton tower.	Obscured from 172° to 235°.
27135	UKOLNOI ISLAND LIGHT	55 14 35 N 161 39 52 W	FI W 6s	35	6	NR on skeleton tower.	Obscured from 238° to 052°.
27140	<i>Bluff Point Shoal Lighted Gong Buoy 1</i>	55 11 27 N 161 52 28 W	FI G 2.5s		4	Green.	
27145	ARCH POINT LIGHT 2	55 12 19 N 161 54 20 W	FI R 4s	78	5	TR on skeleton tower.	Obscured from 105° to 213°.
27150	<i>Moss Cape Lighted Buoy 4</i>	55 07 07 N 161 56 17 W	FI R 6s		4	Red.	
27155	GOLOI SANDSPIT LIGHT 3	55 06 36 N 161 55 29 W	FI G 4s	17	5	SG on steel skeleton tower.	Obscured from 229° to 328°.
27160	<i>Iliasik Passage Lighted Buoy 5</i>	55 01 45 N 161 55 19 W	FI G 2.5s		4	Green.	
27165	Iliasik Passage Buoy 6	55 01 59 N 161 56 03 W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
27170	ILIASIK ISLANDS LIGHT	55 02 15 N 161 56 21 W	FI W 6s	95	7	NR on skeleton tower.	Obscured from 120.5° to 254°.
27180	STAG POINT LIGHT	54 59 07 N 162 18 05 W	FI W 4s	23	6	NR on skeleton tower.	
27181	SOUTH KING COVE HARBOR LIGHT 1	55 03 17 N 162 19 25 W	FI G 4s	25	3	SG on spindle.	
27182	KING COVE DEEPWATER DOCK LIGHTS (2)	55 03 19 N 162 19 23 W	FI R 6s	21	3	On dolphin.	Private aid.
27185	KING COVE HARBOR ENTRANCE LIGHT 1	55 03 30 N 162 19 24 W	FI G 2.5s	25	3	SG on spindle.	
27190	KING COVE HARBOR ENTRANCE LIGHT 2	55 03 33 N 162 19 23 W	FI R 6s	23	4	TR on spindle.	
27195	MORGAN POINT LIGHT	55 02 24 N 162 20 11 W	FI W 4s	120	6	NR on skeleton tower.	Obscured from 039° to 206°.
Cold Bay							
27200	- Channel Lighted Buoy 1	55 05 31 N 162 31 58 W	FI G 4s		3	Green.	
27205	KASLOKAN POINT LIGHT 2	55 06 15 N 162 31 32 W	FI R 4s	15	5	TR on steel square frame.	Obscured from 193° to 336°.
27210	- Channel Lighted Buoy 3	55 06 40 N 162 31 58 W	FI G 2.5s		4	Green.	
27215	- Channel Buoy 4	55 07 08 N 162 31 39 W				Red nun.	
27220	DELTA POINT LIGHT	55 11 30 N 162 38 44 W	FI W 4s	48	6	NR on skeleton tower.	
27225	- AERO DOCK LIGHTS (2)	55 12 31 N 162 41 36 W	FI R 6s	17		On dolphins.	Private aids.
27230	FOX ISLAND LIGHT	54 57 19 N 162 26 01 W	FI W 6s	40	6	NR on steel square frame.	Obscured from 280° to 021°.
27235	West Cape Shoal Buoy 1	54 55 32 N 162 27 56 W				Green can.	
27240	Thin Point Lighted Whistle Buoy 2	54 54 55 N 162 32 35 W	FI R 6s		4	Red.	
Bechevin Bay							
<i>Channel should be navigated with caution due to shifting shoals.</i>							
27250	- Entrance Buoy BB	55 05 49 N 163 30 32 W				Red and white stripes.	
27255	- Buoy 1	55 05 23 N 163 29 32 W				Green can.	
27260	- Buoy 2	55 05 18 N 163 29 50 W				Red nun.	
27265	- Buoy 3	55 04 34 N 163 28 20 W				Green can.	
27270	- Buoy 4	55 04 26 N 163 28 26 W				Red nun.	
27275	- Buoy 5	55 04 00 N 163 26 43 W				Green can.	
27280	- Buoy 6	55 03 54 N 163 26 52 W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
27285	CAPE KRENITZIN LIGHT 7	55 03 48 N 163 25 28 W	FI G 6s	30	5	SG on skeleton tower.	
27290	- Buoy 8	55 03 10 N 163 25 30 W				Red nun.	
27295	- Buoy 10	55 02 31 N 163 25 13 W				Red nun.	
27300	Chunak Point Daybeacon 2	55 02 00 N 163 27 17 W				TR on skeleton tower.	
27305	- Buoy 11	55 02 17 N 163 25 02 W				Green can.	
27310	- Buoy 14	55 01 44 N 163 25 41 W				Red nun.	
27315	- Buoy 15	55 01 00 N 163 25 48 W				Green can.	
27320	- Buoy 16	55 01 01 N 163 26 06 W				Red nun.	
27325	ROCKY POINT LIGHT 6	54 58 16 N 163 26 33 W	FI R 6s	20	5	TR on skeleton tower.	
27330	- Buoy 17	55 00 10 N 163 25 33 W				Green can.	
27335	- Buoy 18	55 00 07 N 163 25 44 W				Red nun.	
27340	- Buoy 19	54 59 47 N 163 24 41 W				Green can.	
27345	St. Catherine Cove Daybeacon 4	54 59 48 N 163 29 24 W				TR on square frame.	Use only with local knowledge.
27350	- Buoy 20	54 59 42 N 163 24 39 W				Red nun.	
27352	- Buoy 19A	54 59 36 N 163 23 58 W				Green can.	
27353	- Buoy 20A	54 59 30 N 163 23 57 W				Red nun.	
27355	- Buoy 21	54 59 20 N 163 23 12 W				Green can.	
27360	- Buoy 22	54 59 13 N 163 23 17 W				Red nun.	
27365	- Buoy 23	54 58 56 N 163 22 44 W				Green can.	
27370	- Buoy 24	54 58 50 N 163 22 49 W				Red nun.	
27375	- Buoy 25	54 58 33 N 163 22 23 W				Green can.	
27380	- Buoy 26	54 58 30 N 163 22 39 W				Red nun.	
27385	- Buoy 27	54 57 49 N 163 21 51 W				Green can.	
27390	- Buoy 28	54 57 46 N 163 22 16 W				Red nun.	
27395	- Buoy 29	54 56 51 N 163 21 34 W				Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
27400	- Buoy 30	54 56 47 N 163 22 07 W				Red nun.	
27403	FALSE PASS DOCK LIGHTS (4)	54 50 54 N 163 24 06 W	FI R 6s	23	4	On pier.	Private aids.
27405	ISANOTSKI STRAIT LIGHT 6	54 51 23 N 163 23 31 W	FI R 6s	21	5	TR on skeleton tower.	
27410	ISANOTSKI STRAIT LIGHT 3	54 49 30 N 163 22 32 W	FI G 6s	14	4	SG on skeleton tower.	
27415	ISANOTSKI STRAIT LIGHT 2	54 48 57 N 163 21 43 W	FI R 4s	17	4	TR on skeleton tower.	Obscured from 160° to 324°.
27420	IKATAN BAY LIGHT	54 46 55 N 163 21 53 W	FI W 6s	78	6	NR on skeleton tower.	
27425	IKATAN POINT LIGHT	54 46 31 N 163 11 04 W	FI W 4s	81	9	NR on skeleton tower.	
27430	AKUTAN HARBOR SECTOR LIGHT	54 07 55 N 165 47 07 W	F W (R Sector)	10	5	SPS on pile.	Red sector from 263° to 270°. White sector from 270° to 070°.
Krenitzin Islands							
27435	AKUN STRAIT LIGHT	54 07 55 N 165 39 35 W	FI W 4s	46	6	On skeleton tower.	
27440	AKUTAN POINT LIGHT 2	54 08 41 N 165 43 41 W	FI R 6s	163	4	TR on skeleton tower.	
27444	<i>Akutan Bay Lighted Mooring Buoy</i>	54 07 40 N 165 45 00 W					Private Aid.
Unalaska Island							
27450	ULAKTA HEAD LIGHT	53 55 27 N 166 30 31 W	FI W 4s	61	5	NR on skeleton tower.	Obscured from 331° to 122°.
27455	<i>Iliuliuk Bay Entrance Lighted Bell Buoy 2</i>	53 54 33 N 166 29 39 W	FI R 2.5s		4	Red.	
27460	SPITHEAD LIGHT	53 53 51 N 166 30 55 W	FI W 4s	38	6	NR on skeleton tower.	Obscured from 202° to 215.5°.
27465	<i>Rocky Point Shoal Lighted Buoy RP</i>	53 53 25 N 166 31 20 W	FI (2+1) G 6s		4	Green and red bands.	
27466	<i>Iliuliuk Bay Lighted Buoy 4</i>	53 53 07 N 166 31 32 W	FI R 4s		4	Red.	
27467	APL DOLPHIN LIGHTS (2)	54 07 57 N 165 43 07 W	FI R 2.5s	12		On pile dolphins.	Private aids.
27468	<i>APL Shoal Lighted Buoys (2)</i>		Q W			White with orange bands and diamond.	Private aids.
27470	<i>Unalaska Channel Lighted Buoy 5</i>	53 52 36 N 166 32 05 W	FI G 2.5s		4	Green.	
27475	<i>Iliuliuk Reef Lighted Buoy 6</i>	53 52 38 N 166 32 02 W	FI R 4s		4	Red.	
Iliuliuk Harbor							
27480	- Entrance Buoy 8	53 52 42 N 166 32 10 W				Red nun.	
27485	- South Channel Daybeacon 10	53 52 35 N 166 32 52 W		10		TR on pile structure.	
27490	- South Channel Daybeacon 11	53 52 31 N 166 32 49 W		10		SG on pile structure..	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA - Seventeenth District							
27495	- South Channel Daybeacon 12	53 52 33 N 166 32 56 W		10		TR on pile structure.	
27500	- South Channel Daybeacon 13	53 52 32 N 166 32 59 W		10		SG on pile structure.	
Unalaska Bay							
27501	<i>Hog Island Lighted Buoy HI</i>	53 55 14 N 166 34 10 W	FI(2+1)G 6s		4	Green and red bands.	
27502	<i>Hog Island Lighted Buoy 3</i>	53 53 31 N 166 34 54 W	FI G 4s		4	Green.	
27503	ARCH ROCK LIGHT 3A	53 52 36 N 166 34 01 W	FI G 2.5s	15	5	SG on dolphin.	
Captains Bay							
27504	South Amaknak Rocks Buoy 5	53 51 47 N 166 33 21 W			4	Green can.	
27505	BAILEY LEDGE LIGHT	53 51 36 N 166 33 34 W	FI W 4s	20	5	NR on spindle.	Ra ref.
27508	<i>Swallow Reef Lighted Buoy 6</i>	53 50 36 N 166 35 33 W	FI R 4s		3	Red.	
27510	<i>NOAA Data Lighted Buoy 46072</i>	51 37 47 N 172 07 47 W	FI (4) Y 20s			Yellow boat-shaped hull.	
ALEUTIAN ISLANDS (Chart 16012)							
Adak Island							
27515	<i>Kuluk Shoal Lighted Bell Buoy 2</i>	51 54 40 N 176 30 35 W	FI R 6s		4	Red.	
27520	<i>Finger Shoal Lighted Bell Buoy 3</i>	51 51 43 N 176 34 11 W	FI G 2.5s		4	Green.	
27525	GANNET ROCKS LIGHT 4	51 52 01 N 176 36 32 W	FI R 4s	45	4	TR on skeleton tower.	Obscured from 102° to 214°.
27526	Gannet Rocks Buoy 4A	51 51 52 N 176 36 36 W				Red nun.	
Sweeper Cove							
27530	- ENTRANCE LIGHT 5	51 51 28 N 176 35 31 W	FI G 6s	55	5	SG on skeleton tower.	
27535	- JETTY LIGHT 6	51 51 35 N 176 37 47 W	FI R 6s	41	5	TR on spindle.	
27540	- LIGHT 7	51 51 15 N 176 37 45 W	FI G 4s	75	3	SG on skeleton tower.	
27542	- RANGE FRONT LIGHT	51 51 09 N 176 39 15 W	F G	31		KRW on pile structure.	Lighted throughout 24 hours.
27543	- RANGE REAR LIGHT 475 yards, 253° from front light.	51 51 05 N 176 39 38 W	F G	91		KRW on pile.	Lighted throughout 24 hours.
27545 46071	NOAA Data Lighted Buoy	51 10 12 N 179 01 06 E				Yellow disc shaped hull.	Position approximate.

(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)							
Bristol Bay							
<i>The Alaska Department of Fish and Game maintains about twelve unlisted lighted buoys in or near Ugashik, Egegik, Kvichak, and Nushagak Bays during the fishing season about June 5 to Aug. 15. These buoys, which are orange and white banded cans showing quick flashing white lights, do not have navigational significance.</i>							
27555	NELSON LAGOON LIGHT	56 00 39 N 161 05 36 W	FI W 2.5s	15	6	NR on skeleton tower.	
27560	WALRUS ISLAND LIGHT	56 01 18 N 160 48 40 W	FI W 4s	24	7	NR on skeleton tower.	
Port Moller							
27565	- Entrance Buoy 2	55 59 57 N 160 39 13 W				Red nun.	Maintained from May 15 to Nov. 15.
27570	- Entrance Buoy 3	55 59 15 N 160 36 49 W				Green can.	Maintained from May 15 to Nov. 15.
27575	- LIGHT 5	55 58 41 N 160 34 59 W	FI G 2.5s	18	4	SG on steel tower.	
27580	Harbor Spit Daybeacon	55 54 46 N 160 34 50 W				NR on skeleton tower.	
Herendeen Bay							
Hague Channel							
<i>Aids maintained from May 15 to Nov. 15.</i>							
27590	- Buoy 5	55 57 51 N 160 38 37 W				Green can.	
27595	- Buoy 4	55 58 03 N 160 39 13 W				Red nun.	
27600	- Buoy 7	55 55 51 N 160 41 55 W				Green can.	
27605	- Buoy 6	55 56 09 N 160 42 31 W				Red nun.	
27610	- Buoy 9	55 53 35 N 160 47 08 W				Green can.	
27615	- Buoy 8	55 53 57 N 160 47 07 W				Red nun.	
BERING SEA (Eastern Part) (Chart 16006)							
Bristol Bay							
27760 1255	SMOKY POINT LIGHT	57 36 44 N 157 41 26 W	FI W 4s	40	6	NR on skeleton tower.	
Kvichak Bay							
27782	<i>Crowley Lighted Mooring Buoy</i>	58 43 00 N 157 03 42 W	Q W			White cylinder.	Maintained from Apr. 15 to Sep. 15. Private aid.
27784	SOUTH NAKNEK CITY DOCK LIGHTS (2)	58 43 00 N 157 00 56 W	FI R 6s	30		On dock.	Private aids.
27785	Naknek Entrance Daybeacon 1	58 43 20 N 157 02 56 W				SG on small house.	
27795	GRAVEYARD POINT LIGHT	58 52 03 N 157 00 49 W	FI W 4s	55	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							
Nushagak Bay							
27810	EKUK RANGE FRONT LIGHT	58 47 56 N 158 33 16 W	Q W	20		KRW on skeleton tower.	Visible all around, higher intensity on rangeline.
27815	EKUK RANGE REAR LIGHT	56 48 08 N 158 33 23 W	Iso W 6s	42		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
27817	Crowley Mooring Buoy	59 01 51 N 158 27 08 W				White cylinder.	Maintained from Apr. 15. to Sep. 15. Private aid.
Pribilof Islands							
27825	ST. GEORGE HARBOR RANGE FRONT LIGHT	56 34 10 N 169 40 11 W	Q Y	42		KRW on tower.	
27826	ST. GEORGE HARBOR RANGE REAR LIGHT	56 34 12 N 169 39 52 W	Iso Y 6s	76		KRW on tower.	
27827	ST. GEORGE HARBOR ENTRANCE LIGHT 1	56 34 10 N 169 40 22 W	FI G 4s			SG on tower.	
27828	St. George Harbor Daybeacon 2	56 34 10 N 169 39 56 W				TR on spindle.	
27829	St. Paul Island Buoy 2	57 07 34 N 170 18 00 W				Red nun.	
27830	ST. PAUL HARBOR JETTY LIGHT 4	57 07 48 N 170 17 12 W	FI R 4s	40	4	TR on spindle.	
27831	ST. PAUL HARBOR JETTY LIGHT 3	57 07 41 N 170 17 06 W	FI G 4s	30	4	SG on spindle.	
Kuskokwim Bay							
<i>Buoys maintained from June 1 to Oct. 1.</i>							
27835	- Buoy 2	59 18 44 N 162 18 32 W				Red nun.	
27840	- Buoy 3	59 32 09 N 162 16 48 W				Green can.	
27845	- Buoy 4	59 34 34 N 162 15 40 W				Red nun.	
27850	- Buoy 5	59 38 08 N 162 19 25 W				Green can.	
27851	- Buoy 6	59 43 32 N 162 17 56 W				Red nun.	
27852	- Buoy 8	59 46 51 N 162 19 21 W				Red nun.	
27853	- Buoy 10	59 48 57 N 162 15 21 W				Red nun.	
27854	- Buoy 11	59 50 34 N 162 15 36 W				Green can.	
27855	- Buoy 12	59 53 42 N 162 15 22 W				Red nun.	
Kuskokwim River							
27857	Kuskokwim River Buoys (about 30) Marks from Kuskokwim River Entrance to Johnson River.					Red or green oil drums.	Maintained from June 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							
27858	Kwigillingok River Entrance Buoys (about 12) Marks channel into river.					Red or green oil drums.	Maintained from May 15 to Oct. 15.
27859	Mekoryuk Breakwater Daybeacon 2	60 23 15 N 166 11 02 W				TR on skeleton tower.	
27859.5 1293	SHELDON POINT LIGHT	62 32 23 N 165 01 12 W	FI W 2.5s	18	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27860 1295	YUKON RIVER SOUTH ENTRANCE LIGHT	62 35 22 N 164 57 42 W	FI 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 07 N 164 52 05 W	FI 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 26 N 164 37 59 W	FI W 4s	18	8	NR on skeleton tower.	Obscured from 176° to 266°. Maintained from July 1 to Nov. 1. Ra ref.
27872	OKWEGA PASS LIGHT "OP"	63 02 26 N 163 39 21 W	FI (2+1) G 6s	19	4	JG on skeleton tower.	Maintained from July 1 to Nov. 1.
27874 1309	KAKUKTAHUK PASS ENTRANCE LIGHT	63 08 57 N 163 35 14 W	FI 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 27 N 163 22 46 W	FI W 6s	19	8	NR on skeleton tower.	Obscured from 286° to 161°. Maintained from July 1 to Nov. 1. Ra ref.
Hooper Bay							
27885	- Buoy 1	61 31 57 N 166 05 08 W				Green oil drum.	Maintained from June 1 to Aug. 1. Private aid.
27890	- Channel Stakes (about 12)						Maintained from June 1 to Aug. 1. Private aids.
Norton Sound							
<i>Aids maintained from July 1 to Nov. 1.</i>							
27895 1315	POINT ROMANOF LIGHT	63 12 00 N 162 50 00 W	FI W 6s	25	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27900 1320	CAPE STEPHENS LIGHT	63 32 27 N 162 18 49 W	FI W 4s	200	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27905	WHALE ISLAND LIGHT	63 29 27 N 161 59 50 W	FI W 4s	53	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27910 1325	EGG ISLAND LIGHT	63 36 40 N 161 44 35 W	FI W 6s	90	7	NR on skeleton tower.	Maintained from July to Nov. 1.
27915	Unalakleet River Buoys (about 6) Marks channel into Unalakleet.					Red nuns or green cans.	Maintained from June 1 to Nov. 1.
27920	UNALAKLEET RIVER SOUTH SPIT LIGHT	63 52 04 N 160 47 17 W	FI W 4s	15	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27925	SHAKTOOLIK RIVER ENTRANCE LIGHT	64 22 43 N 161 14 10 W	FI W 4s	14	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							
27930	Koyuk River Entrance Buoys (about 12) Marks sides of channel across flats; outer buoy about 9 miles from mouth of river.					Red or green oil drums.	Maintained from July 1 to Oct. 1.
Golovnin Bay							
27955 1335	ROCKY POINT LIGHT	64 23 53 N 163 09 00 W	FI W 2.5s	175	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
Nome Harbor							
27962	NOME HARBOR ENTRANCE LIGHT 2	64 29 34 N 165 26 09 W	FI R 4s	20	3		Maintained from July 1 to Nov. 1.
27963	NOME HARBOR ENTRANCE LIGHT 1	64 29 34 N 165 26 23 W	FI G 4s	20	3		Maintained from July 1 to Nov. 1.
BERING SEA (Eastern Part) (Chart 16006)							
27980	GRANTLEY HARBOR LIGHT	65 16 36 N 166 20 52 W	FI W 4s	15	7	NG on skeleton tower.	Maintained from July 1 to Nov. 1.
27982	Grantley Harbor Daybeacon 2	65 16 23 N 166 21 09 W				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 27 N 163 36 29 W	FI W 2.5s	28	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
27990	Kotzebue Buoys (about 8) Marks entrance to Kotzebue.					Red nuns or green cans.	Maintained from July 1 to Sept. 20.
27995	CAPE DECEIT LIGHT	66 05 57 N 162 45 02 W	FI W 6s	200	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1. HORN: 1 blast ev 15s (2s bl).
28000	RILEY CHANNEL ENTRANCE LIGHT	66 47 00 N 161 51 18 W	FI W 6s	17	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
28001	OOOGURUK ARTIFICIAL ISLAND LIGHTS (4)	70 29 45 N 150 14 48 W	Q W	20	5		HORN .

Section 20

Hawaiian Islands Hawaii to Oahu

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PACIFIC OCEAN - Fourteenth District							
HAWAIIAN ISLANDS (Chart 504)							
28005	NOAA Data Lighted Buoy 51004	17 31 21 N 152 28 51 W	FI (4) Y 20s			Yellow boat-shaped weather buoy.	
28006	NOAA Data Lighted Buoy 51002	17 11 28 N 157 46 52 W	FI (4) Y 20s			Yellow boat-shaped weather buoy.	
28006.1	MOBY Research Lighted Buoy	20 49 00 N 157 11 36 W	FI Y 4s			Yellow.	Private aid.
28006.2	UH Research Lighted Buoy B	22 46 00 N 157 53 54 W	FI Y 4s			Yellow.	Private aid.
28006.2	UH Research Lighted Buoy B	22 46 00 N 157 53 54 W	FI Y 4s			Yellow.	Private aid.
28006.4	NOAA DART II Tsunami Warning Lighted Buoy	19 38 05 N 156 30 42 W	FI Y 4s			Red and white disc shaped hull.	Deep ocean Assessment and Reporting of Tsunamis. Private aid.
28006.5	NOAA Data Lighted Buoy PICO	20 34 10 N 158 02 48 W	FI Y 4s			Yellow.	Private aid.
28006.6	UH Research Lighted Buoy A	22 45 54 N 158 05 48 W	FI Y 4s			Yellow.	Private aid.
28007	NOAA Data Lighted Buoy 51003	19 13 17 N 160 49 17 W	FI (4) Y 20s			Yellow boat-shaped weather buoy.	Aid maintained by NOAA.
28008	NOAA Data Lighted Buoy 51001	23 27 07 N 162 13 00 W	FI (4) Y 20s			Yellow boat-shaped weather buoy.	
HAWAII - Fourteenth District							
ISLAND OF HAWAII (Chart 19320)							
28010	Kauhola Point Light	20 14 47 N 155 46 17 W	FI W 15s	110	24	White cylindrical concrete tower. 79	Obscured from 306° to 101°. Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. Operates during periods of darkness only.
28015	KUKUIHAELE LIGHT	20 07 41 N 155 33 22 W	Iso W 6s	154	8	White concrete tower. 34	
28020	LAUPAHOEHOE POINT LIGHT	19 59 37 N 155 14 26 W	FI W 2.5s	39	8	NB on post. 20	
28021	LAUPAHOEHOE HARBOR BREAKWATER LIGHT 2	19 59 30 N 155 14 23 W	FI R 4s	27	3	TR on pile.	
28025	Peppeekeo Point Light	19 50 50 N 155 04 58 W	Oc W 4s	147	13	NB on steel monopole. 72	
28030	PAUKAA POINT LIGHT	19 45 44 N 155 05 23 W	FI G 6s	145	9	White pyramidal concrete tower.	Obscured from 350° to 190°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAWAII - Fourteenth District							
Hilo Harbor							
28035	- Entrance Lighted Buoy 1	19 44 34 N 155 04 47 W	FI G 2.5s		5	Green.	
28040	- BREAKWATER LIGHT	19 44 34 N 155 04 30 W	FI W 2.5s	39	8	NB on white post. 29	
28050	Coconut Point Directional Light	19 43 37 N 155 05 10 W	Oc G 4s	39	18	White concrete tower. 27	Visible 4° each side of 197°.
28055	- Lighted Buoy 3		Q G		4	Green.	
28060	- RANGE FRONT LIGHT	19 43 57 N 155 03 12 W	F G	75		KRW on post. 70	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28065	- RANGE REAR LIGHT 470 yards, 097.5° from front light.		F G	124		KRW on square pyramidal skeleton tower.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28070	- Lighted Buoy 4		FI R 4s		4	Red.	
28075	- Lighted Buoy 5		FI G 2.5s		4	Green.	
28080	- Buoy 6					Red nun.	
28085	- Lighted Buoy 7		FI G 4s		4	Green.	
28090	Reeds Bay Rock Daybeacon A	19 43 41 N 155 03 40 W				NW on pile worded ROCK.	Private aid.
28095	Reeds Bay Rock Daybeacon B	19 43 39 N 155 03 40 W				NW on pile worded ROCK.	Private aid.
28105	- Lighted Buoy 9		FI G 2.5s		4	Green.	
28110	- Buoy 10					Red nun.	
28120	WAILOA BASIN CHANNEL LIGHT 1	19 43 27 N 155 04 16 W	FI G 4s	15	4	SG on pile.	
ISLAND OF HAWAII (Chart 19320)							
28125	WIALOA BASIN CHANNEL LIGHT 2	19 43 28 N 155 04 18 W	FI R 2.5s	15	4	TR on pile.	
28130	Cape Kumukahi Light	19 30 59 N 154 48 39 W	FI W 15s	156	24	White pyramidal skeleton tower. 115	Lighted throughout 24 hours. Obscured from 015° to 120°. Emergency light of reduced intensity when main light is extinguished. Operates during periods of darkness only.
28135	POHOIKI BAY BREAKWATER LIGHT 2	19 27 19 N 154 50 26 W	FI R 4s	11	5	TR on spindle. 11	
28140	KA LAE LIGHT	18 54 44 N 155 40 55 W	FI W 6s	60	8	NB on white concrete post. 28	
28145	MILOLII POINT LIGHT	19 11 13 N 155 54 29 W	FI W 4s	44	7	NB on post. 20	
28150	NAPOOPOO LIGHT	19 28 46 N 155 56 11 W	FI W 6s	27	7	White pyramidal concrete tower. 22	Obscured in Kealahakua Bay when bearing is less than 291°.
Keauhou Bay							
28155	- LIGHT	19 33 44 N 155 57 43 W	FI W 4s	35	8	On post. 30	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAWAII - Fourteenth District							
28165	- ENTRANCE DIRECTIONAL LIGHT	19 33 44 N 155 57 43 W	F W R G	25	G 13 R 13 W 16	On post. On same structure as Keauhou Bay Light.	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 44 N 155 57 43 W				KRW on post. 12	
28175	- Range Rear Daybeacon	19 33 44 N 155 57 43 W				KRW on post. On same structure as Keauhou Bay Light. 30	
ISLAND OF HAWAII (Chart 19320)							
28180	KAILUA BAY ENTRANCE DIRECTIONAL LIGHT	19 38 19 N 155 59 49 W	Oc W 4s (R & G sectors)	31	G 7 R 7 W 9	NB on post. 23	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 N 156 00 03 W	Iso W 6s (R sector)	32	W 13 R 10	White pyramidal concrete tower.	Red from 110° to 120°. Red sector may be obscured by topography and vegetation. Obscured from 120° to 263°.
Honokohau Harbor							
28190	- Approach Lighted Buoy 1	19 40 06 N 156 01 52 W	FI G 2.5s		3	Green.	
28195	- ENTRANCE CHANNEL DIRECTIONAL LIGHT	19 40 12 N 156 01 34 W	Iso W 6s (R & G sectors)	27	G 6 R 6 W 8	NB on pile.	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 12 N 156 01 38 W	FI G 4s	25	5	SG on spindle.	
28205	- CHANNEL LIGHT 4		FI R 4s	25	4	TR on post.	
28210	- Channel Daybeacon 5			32		SG on pile.	
28215	Keahole Point Light	19 43 40 N 156 03 40 W	FI W 6s (R sector)	43	W 12 R 9	White pyramidal concrete tower. 28	Red from 185° to 343°, covers rocks off Makolea and Kaiwi Points.
Kawaihae Bay							
Puako Small Boat Harbor							
28220	- LIGHT	19 58 26 N 155 49 53 W	Oc G 5.5s	30		On power pole. Flood light for launching ramp also on power pole.	Private aid.
28225	- Buoy 1	19 58 32 N 155 50 01 W				Green spar.	Private aid.
28230	- Buoy 2					Red spar.	Private aid.
28235	- Buoy 3					Green can.	Private aid.
28240	- Buoy 4					Red nun.	Private aid.
28245	- Buoy 5					Green can.	Private aid.
28250	- Buoy 6					Red nun.	Private aid.
28255	- Buoy 7					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							
28260	- Buoy 8					Red nun.	Private aid.
28265	- Buoy 9					Green can.	Private aid.
28270	KAWAIHAE LIGHT	20 02 29 N 155 49 58 W	FI W 6s	59	9	White pyramidal concrete tower. 36	
Kawaihae Light Draft Harbor							
28271	- Channel Lighted Buoy 2	20 01 19 N 155 49 54 W	Q R		4	Red.	
28271.1	- Channel Buoy 3	20 01 32 N 155 49 46 W				Green can.	
28271.2	- BREAKWATER LIGHT 5	20 01 37 N 155 49 43 W	FI G 6s	15	5	SG on post.	
28271.3	- Channel Buoy 6	20 01 37 N 155 49 40 W				Red nun.	
28271.4	- Breakwater Daybeacon 8	20 01 40 N 155 49 41 W		15		TR on post.	
Kawaihae Bay							
Kawaihae Harbor							
28275	- Entrance Lighted Buoy 1		FI G 2.5s		4	Green.	
28280	- Entrance Lighted Buoy 2	20 02 27 N 155 50 24 W	FI R 4s		4	Red.	
28285	- CHANNEL RANGE FRONT LIGHT	20 02 06 N 155 49 38 W	F G	70		KRW on post. 61	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28290	- CHANNEL RANGE REAR LIGHT 247 yards, 120° from front light.		F G	93		KRW on pile. 78	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28295	- Channel Buoy 3					Green can.	
28300	- Channel Buoy 4					Red nun.	
28310	- CHANNEL SOUTH BREAKWATER LIGHT 6	20 02 14 N 155 50 02 W	FI R 2.5s	20	4	TR on post. 12	
28315	KAWAIHAE SMALL BOAT BASIN LIGHT 1	20 02 19 N 155 49 55 W	FI G 4s	20	3	SG on pile. 12	
28320	SOUTH BREAKWATER LIGHT 8	20 02 05 N 155 50 02 W	FI R 2.5s	20	4	TR on pile.	Obscured from 320° to 176°.
28325	MAHUKONA LIGHT	20 10 49 N 155 54 05 W	FI W 4s	64	6	White pyramidal concrete tower. 22	
HAWAII TO OAHU (Chart 19340)							
Maui Island							
28330	NAKALELE POINT LIGHT	21 01 45 N 156 35 26 W	FI W 2.5s	142	6	NB on pile. 21	Obscured from 301° to 106°
28335	Waihee Reef Lighted Buoy 2	20 55 42 N 156 28 30 W	FI R 4s		4	Red.	
Kahului Harbor							
28340	- ENTRANCE RANGE FRONT LIGHT	20 53 27 N 156 28 19 W	F R	49		KRW on post.	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
HAWAII - Fourteenth District							
28345	- ENTRANCE RANGE REAR LIGHT 470 yards, 177° from front light.		F R	91		KRW on post.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28350	- ENTRANCE BREAKWATER LIGHT 3	20 54 02 N 156 28 17 W	FI G 2.5s	25	5	SG on post.	
28355	- ENTRANCE BREAKWATER LIGHT 4	20 54 01 N 156 28 27 W	FI R 2.5s	25	5	TR on post.	
28360	- Buoy 5					Green can.	
28365	<i>Kahului Harbor Lighted Buoy 6</i>	20 53 49 N 156 28 29 W	Q R		3	Red nun.	
28370	- <i>Lighted Buoy 8</i>		FI R 6s		4	Red.	
28375	- Buoy 10					Red nun.	
28380	- <i>Lighted Buoy 12</i>		FI R 4s		3	Red.	
Kahului Boat Ramp							
28380.5	- Range Front Daybeacon	20 53 43 N 156 28 43 W		6		KRW on post.	Private aid.
28381	- Range Rear Daybeacon	20 53 42 N 156 28 45 W		12		KRW on post.	Private aid.
28381.1	- Buoy 1	20 53 54 N 156 28 42 W				Green can.	Private aid.
28381.2	- Buoy 2					Red nun.	Private aid.
28381.3	- Buoy 3					Green can.	Private aid.
28381.4	- Buoy 4					Red nun.	Private aid.
28381.5	- Buoy 5					Green can.	Private aid.
28381.6	- Buoy 6					Red nun.	Private aid.
28381.7	- Buoy 7					Green can.	Private aid.
28381.8	- Buoy 8					Red nun.	Private aid.
28381.9	- Buoy 9	20 53 42 N 156 28 42 W				Green can.	Private aid.
28382.1	- Buoy 11	20 53 42 N 156 28 42 W				Green can.	Private aid.
Maui Island							
28385	Pauwela Point Light	20 56 44 N 156 19 17 W	FI W 15s	161	15	White Post. 40	
28390	KAUIKI HEAD LIGHT	20 45 26 N 155 58 46 W	FI W 2.5s	85	6	White pyramidal concrete tower. 14	
28395	- Hana Bay Daybeacon	20 45 24 N 155 59 00 W				Two white diamond daymarks with red vertical stripe.	Private aid.
28405	HANAMANIOA POINT LIGHT	20 35 00 N 156 24 43 W	FI W 4s	73	8	NB on post. 21	Obscured from 124° to 290°.
28410	MOLOKINI ISLAND LIGHT	20 37 50 N 156 29 51 W	FI W 2.5s	186	6	NR on pile. 30	
Kihei Boat Ramp							
28411.1	- Daybeacon 1	20 42 30 N 156 26 48 W		6		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							
28411.2	- Daybeacon 2			6		TR on pile.	Private aid.
28411.3	- Daybeacon 3			6		SG on pile.	Private aid.
28411.4	- Daybeacon 4			6		TR on pile.	Private aid.
28411.5	- Daybeacon 5			6		SG on pile.	Private aid.
Maui Island							
28415	McGregor Point Light	20 46 39 N 156 31 22 W	Iso G 6s	72	10	On white tower. 20	Obscured from 082° to 221°.
Maalaea Basin							
28420	- RANGE FRONT LIGHT	20 47 31 N 156 30 41 W	Q R	29		KRW on post. 22	Visible 4° each side of rangeline. Lighted during periods of darkness only.
28425	- RANGE REAR LIGHT 64 yards, 339° from front light.		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 N 156 30 36 W				Green can.	Private aid.
28430	- Channel Buoy 2					Red nun.	Private aid.
28440	Maalaea East Basin Buoy 4					Red nun.	Private aid.
28445	Maalaea East Basin Buoy 6					Red nun.	Private aid.
28450	- Daybeacon J					JR on post.	Private aid.
28455	Maalaea West Basin Daybeacon 2W					TR on pole.	Private aid.
Lahaina							
28460	- Light	20 52 20 N 156 40 43 W	FI R 6s	44	7	On white pyramidal concrete tower. 39	Obscured from 142° to 333°.
28465	- <i>Entrance Lighted Buoy L</i>	20 52 06 N 156 41 00 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
Lahaina Boat Basin							
28470	- RANGE FRONT LIGHT	20 52 20 N 156 40 44 W	F G	16		KRW on pile.	Visible 4° each side of rangeline.
28475	- RANGE REAR LIGHT 50 yards, 044.4° from front light.		F G	22		KRW on post.	Visible 4° each side of rangeline.
28476	- <i>Entrance Lighted Buoy 1</i>	20 52 14 N 156 40 52 W	FI G 4s		4	Green.	
28477	- <i>Entrance Lighted Buoy 2</i>	20 52 13 N 156 40 51 W	FI R 4s		3	Red.	
28480	- <i>Lighted Buoy 3</i>	20 52 16 N 156 40 50 W	FI G 4s			Green.	Private aid.
28485	- <i>Lighted Buoy 4</i>		FI R 4s			Red.	Private aid.
28490	- <i>Lighted Buoy 5</i>		FI G 4s			Green.	Private aid.
28495	- <i>Lighted Buoy 6</i>		FI R 4s			Red.	Private aid.
28500	- <i>Lighted Buoy 7</i>		FI G 4s			Green.	Private aid.
28505	- <i>Lighted Buoy 8</i>		FI R 4s			Red.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAWAII - Fourteenth District							
Mala Channel							
28507.1	- LIGHT 1	20 53 15 N 156 41 17 W	FI G 4s	10		SG on pile.	Private aid.
28507.2	-LIGHT 2		FI R 4s	10		TR on pile.	Private aid.
28507.3	- LIGHT 3		FI G 4s	10		SG on pile.	Private aid.
28507.4	- LIGHT 4		FI R 4s	10		TR on pile.	Private aid.
28507.5	- LIGHT 5		FI G 4s	10		SG on pile.	Private aid.
28507.6	- LIGHT 6		FI R 4s	10		TR on pile.	Private aid.
28508	- Directional Light	20 53 12 N 156 41 12 W	F RWG	25		On post.	White 1° each side of channel centerline (bearing 140.4°). Red when right of white beam (139.4°-137.9°). Green When left of white beam (141.4°-142.9°) when entering from seaward. Private aid.
28508.1	- Danger Daybeacon			10		NW on pile worded DANGER ROCKS.	Private aid.
Maui Island							
28510	HAWEA POINT LIGHT	21 00 14 N 156 39 59 W	FI W 6s	75	9	NB on post.	Obscured from 230° to 024°.
HAWAII TO OAHU (Chart 19340)							
28515	KAHOOLAWE ISLAND SOUTHWEST POINT LIGHT	20 30 08 N 156 39 59 W	FI W 6s	120	7	On white skeleton tower. 20	Obscured over Kealaikahiki Point north of 123°.
Lanai Island							
28520	POHAKULOA POINT LIGHT	20 55 45 N 156 59 16 W	FI W 6s (R sector)	30	W R	8 6	NB on pile. Red from 268.5° to 276.5°.
28530	<i>Manele Bay Lighted Buoy 2</i>	20 44 19 N 156 52 50 W	FI R 4s			4	Red.
28535	MANELE BAY BREAKWATER LIGHT	20 44 33 N 156 53 12 W	FI W 4s	20		6	On post on white house. 10
Manele Small Boat Harbor							
28540	- Buoy 1	20 44 30 N 156 53 12 W					Green can. Private aid.
28545	- Buoy 2						Red nun. Private aid.
28546	- Buoy 3						Green can. Private aid.
28550	- Buoy 4						Red nun. Private aid.
28551	- Buoy 6						Red nun. Private aid.
28552	- Buoy 8						Red nun. Private aid.
28553	Manele Bay Rock Danger Buoy	20 44 31 N 156 53 16 W					White sphere with orange diamond worded DANGER ROCK. Private aid.
Lanai Island							
28554	PALAOA POINT LIGHT	20 43 56 N 156 57 53 W	FI W 6s (R sector)	91	W R	7 5	On white skeleton tower. 41 Red from 260° to 280°. Covers rocks off of Puupehe Point.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAWAII - Fourteenth District							
Kaunapali Harbor							
28555	- LIGHT	20 46 59 N 156 59 30 W	FI W 4s	68	5	NB on post. 15	Obscured from 180° to 000°.
28560	- Entrance Lighted Buoy 1	20 47 07 N 156 59 32 W	FI G 2.5s		4	Green.	
28565	- Buoy 2					Red nun.	
28570	- Buoy 4					Red nun.	
28573	NASA/NOAA Research Lighted Buoy	20 49 06 N 157 11 48 W	FI Y 4s			Yellow cylindrical buoy with pipe mast.	Unlighted orange 2 ft. diameter cylindrical marker attached to main buoy by 300 ft. of submerged line, 150 ft. below the surface.
Molokai Island							
28575	- Light	21 12 34 N 156 58 11 W	FI W 10s	213	21	On white tower. 138	Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. Operates during periods of darkness only.
28576	CAPE HALAWA LIGHT	21 09 33 N 156 42 45 W	FI W 2.5s	321	6	Steel pole on concrete base.	Obscured from 350° to 140°.
28580	KAAMOLA POINT LIGHT	21 02 58 N 156 50 58 W	FI W 4s	23	5	NB on spindle.	
28585	Kamalo Bay Reef Lighted Buoy 2 Marks entrance to Kamalo Bay.	21 01 54 N 156 52 34 W	FI R 4s		4	Red.	
Kaunakakai Harbor							
28600	- Lighted Buoy 2	21 04 34 N 157 01 52 W	FI R 4s		4	Red.	
28605	- ENTRANCE RANGE FRONT LIGHT	21 05 16 N 157 01 29 W	F R	27		KRW on skeleton tower on house. 26	Visible 4° each side of rangeline.
28610	- ENTRANCE RANGE REAR LIGHT 200 yards, 034° from front light.		F R	41		KRW on skeleton tower. 38	Visible 4° each side of rangeline.
28615	- Lighted Buoy 3		FI G 4s		5	Green.	
28620	- Buoy 4					Red nun.	
28625	- Buoy 5					Green can.	
28630	Kaunakakai Small Boat Harbor Buoy 1	21 04 50 N 157 01 45 W				Green can.	Private aid.
Kaunakakai Small Boat Harbor							
28635	- Buoy 2	21 04 48 N 157 01 42 W				Red nun.	Private aid.
28640	- Buoy 3					Green can.	Private aid.
28645	- Buoy 4					Red nun.	Private aid.
28650	- Buoy 5					Green can.	Private aid.
28655	- Buoy 6					Red nun.	Private aid.
28660	- Buoy 8					Red nun.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAWAII - Fourteenth District							
28665	- Daybeacon REEF			5		NW on pile worded REEF.	Private aid.
28667	Lono Harbor Range Front Daybeacon	21 05 13 N 157 14 59 W				KWR on post.	Private aid.
28668	Lono Harbor Range Rear Daybeacon	21 05 14 N 157 15 00 W				KWR on post.	Private aid.
28670	LAAU POINT LIGHT	21 05 59 N 157 18 18 W	Fl W 2.5s	151	7	NB on spindle. 20	Obscured from 189° to 286°.

Section 21

Hawaiian Islands

Oahu to Niihau

(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)							
28675	Pyramid Rock Light	21 27 44 N 157 45 49 W	Oc W 4s	101	13	White square concrete house with black diagonal stripes.	
28675.1	Mokapu Peninsula WECEB Light F	21 29 55 N 157 45 03 W	FI Y 4s	27	3	Yellow steel tripod with radar reflectors.	Private aid.
Ulupau Crater Weapons Range Danger Zone							
28676	- Buoy A	21 28 21 N 157 43 51 W				Yellow can.	
28677	- Lighted Buoy B	21 28 59 N 157 44 00 W	FI Y 2.5s		5	Yellow.	
28678	- Lighted Buoy C	21 28 48 N 157 42 49 W	FI Y 4s		5	Yellow.	
28679	Ulupau Crater Weapons Range Danger Zone D	21 28 04 N 157 41 50 W	FI Y 2.5s			Yellow.	
28679.1	- Buoy E	21 27 43 N 157 42 30 W				Yellow can.	
Kaneohe Bay							
28680	- Entrance Channel Approach Lighted Buoy K	21 31 07 N 157 48 14 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
28685	- Channel Lighted Buoy 2	21 30 53 N 157 48 40 W	FI R 4s		4	Red.	
28690	- Channel Buoy 3	21 30 35 N 157 48 58 W				Green can.	
28695	- Channel Buoy 4					Red nun.	
28700	- Channel Daybeacon 5			13		SG on multi-pile structure.	
28705	- Channel Daybeacon 6			13		TR on multi-pile structure.	
28710	- ENTRANCE AND KUALOA POINT RANGE FRONT LIGHT	21 29 44 N 157 49 58 W	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.		Iso R 6s	55		KRW on multi-pile structure.	Obscured from 272° to 182°.
28720	KUALOA POINT RANGE REAR LIGHT	21 29 51 N 157 50 00 W	Iso R 6s	38	12	KRW on multi-pile structure.	Visible 4° each side of rangeline.
28723	- Channel Buoy 7					Green can.	
28725	- Channel Daybeacon 9	21 29 33 N 157 49 49 W				SG on dolphin.	
28730	- Channel Daybeacon 12			13		TR on pile.	
28735	- Channel Daybeacon 11	21 29 18 N 157 49 49 W				SG on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAWAII - Fourteenth District							
28740	- CHANNEL LIGHT 14	21 28 23 N 157 49 44 W	FI R 4s	15	4	TR on pile.	
28745	- Channel Daybeacon 15					SG on pile.	
28750	- <i>Channel Lighted Buoy 17</i>	21 27 54 N 157 49 25 W	Q G		4	Green.	
28755	- CHANNEL LIGHT 18		FI R 2.5s	15	4	TR on pile.	
28760	- <i>Channel Lighted Buoy 20</i>	21 27 22 N 157 48 43 W	FI R 4s		4	Red.	
28765	- CHANNEL LIGHT 21		FI G 4s	15	5	SG on pile.	
28770	- CHANNEL DANGER LIGHT	21 26 56 N 157 47 45 W	Q W	15	4	NW on pile worded DANGER SUBMERGED REEF.	
28775	- CHANNEL LIGHT 22		FI R 4s	15	4	TR on pile.	
28780	- Channel Daybeacon 23	21 26 46 N 157 47 27 W				SG on pile.	
28785	- CHANNEL LIGHT 25	21 26 37 N 157 47 20 W	Q G	15	4	SG on dolphin.	
28790	- Channel Buoy 26					Red nun.	
Yacht Club							
28791.1	- Race Buoy A	21 26 00 N 157 46 06 W				Yellow Sphere.	Private aid.
28791.2	- Race Buoy B	21 26 30 N 157 47 00 W				Yellow sphere.	Private aid.
28791.3	- Race Buoy C	21 25 42 N 157 47 18 W				Yellow sphere.	Private aid.
28791.4	- Race Buoy D	21 25 24 N 157 47 00 W				Yellow sphere.	Private aid.
28791.5	- Race Buoy E	21 25 12 N 157 46 54 W				Yellow sphere.	Private aid.
Heeia Kea Small Boat Harbor							
28795	- Daybeacon 1	21 26 46 N 157 48 29 W				SG on pile.	
28800	- LIGHT 2	21 26 53 N 157 48 34 W	Iso R 6s	15	4	TR on pile.	
Sampan Channel							
28805	- <i>Entrance Lighted Buoy 2</i>	21 28 10 N 157 46 38 W	FI R 2.5s		4	Red.	
28810	- RANGE FRONT LIGHT	21 26 05 N 157 48 18 W	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 54 N 157 48 27 W	F R	80	15	KRW on post. 40	Visible 4° each side of rangeline.
28820	- Buoy 4					Red nun.	
28825	- LIGHT 5		FI G 2.5s	16	4	SG on pile.	
28830	- Daybeacon 7			15		SG on pile.	
28835	- Daybeacon 8	21 27 00 N 157 47 34 W				TR on pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAWAII - Fourteenth District							
28840	- Daybeacon 9					SG on multi-pile structure.	
28845	- Junction Buoy S	21 26 54 N 157 47 41 W				Green and red bands; can.	
Kaneohe Bay Utility Channel							
28850	- Buoy 2 Marks shoal area.	21 27 08 N 157 47 00 W				Red nun.	
28855	- Daybeacon 3	21 27 10 N 157 46 57 W				SG on pile.	
28860	- LIGHT 4	21 26 58 N 157 46 53 W	FI R 2.5s	15	3	TR on pile.	
28865	- Buoy 5					Green can.	
28869	<i>Kaneohe Bay Warning Lighted Buoy A</i>	21 26 33 N 157 47 03 W	FI W 2.5s			White with orange bands and orange diamonds.	Marks south boundary of prohibited area.
28870	Kaneohe Bay Warning Buoy B	21 26 16 N 157 46 27 W				White can with orange bands and orange diamonds.	Marks south boundary of prohibited area.
28871	Kaneohe Bay Warning Buoy C	21 26 06 N 157 46 00 W				White can with orange bands and orange diamond.	Marks south boundary of prohibited area.
28875	MAKANI KAI RANGE FRONT LIGHT	21 25 06 N 157 47 24 W	F R	17		KWR on pile.	Private aid.
28880	MAKANI KAI RANGE REAR LIGHT 22 yards, 254° from front light.		F R	24		KWR on pile.	Private aid.
28890	- <i>UH Wave Lighted Buoy (Mokapu, Oahu)</i>	21 25 00 N 157 40 00 W	FI Y 20s			Yellow spherical buoy.	Private aid.
Waimanalo Bay							
Makai Channel							
28895	- Daybeacon 3	21 19 06 N 157 40 00 W				SG on pile.	Private aid.
28900	- Daybeacon 4					TR on pile.	Private aid.
28905	- Daybeacon 5					SG on pile.	Private aid.
28920	- Daybeacon 7					SG on dolphin.	Private aid.
28925	Makapuu Point Light	21 18 36 N 157 38 59 W	Oc W 10s	420	19	White cylindrical concrete tower. 46	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 N 157 42 56 W	FI G 4s	15	4	SG on multi-pile structure.	
28935	- Daybeacon 1A					SG on pile.	Private aid.
28940	- Daybeacon 2					TR on pile.	Private aid.
28945	- Daybeacon 3					SG on pile.	Private aid.
28950	- Daybeacon 4					TR 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							
28955	- Daybeacon 5					SG on pile.	Private aid.
28960	- Daybeacon 6					TR on pile.	Private aid.
28965	- Daybeacon 7					SG on pile.	Private aid.
28970	- Daybeacon 8					TR on pile.	Private aid.
28975	- Daybeacon 9					SG on pile.	Private aid.
28980	- Daybeacon 10					TR on pile.	Private aid.
28985	- Daybeacon 11					SG on pile.	Private aid.
28990	- Daybeacon 12					TR on pile.	Private aid.
28995	- Daybeacon 13					SG on pile.	Private aid.
29000	- Daybeacon 14					TR on pile.	Private aid.
29005	- Daybeacon 15					SG on pile.	Private aid.
29010	- Daybeacon 16					TR on pile.	Private aid.
29015	- Daybeacon 17					SG on pile.	Private aid.
29020	- Daybeacon 18					TR on pile.	Private aid.
29025	- Daybeacon 19					SG on pile.	Private aid.
29030	- Daybeacon 20					TR on pile.	Private aid.
29035	- Daybeacon 21					SG on pile.	Private aid.
Kuapa Entrance Channel							
29040	- Buoy 1					Green can.	Private aid.
29045	- Buoy 2	21 16 42 N 157 42 42 W				Red nun.	Private aid.
29050	- Buoy 3					Green can.	Private aid.
29055	- Buoy 4					Red nun.	Private aid.
OAHU ISLAND (Chart 19357)							
29060	Diamond Head Light	21 15 21 N 157 48 34 W	Oc (2) W 10s 2s fl 1.5s ec. 5s fl 1.5s ec.	147	W 17 R 14	White concrete tower. 55	Obscured from 110° to 272°, red from 099° to 110°. Between 105° to 110°, red sector may be obscured by vegetation. Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. Operates during periods of darkness only.
29065	<i>Diamond Head Reef Lighted Buoy 2</i>	21 14 49 N 157 48 56 W	Q R		4	Red.	
Ala Wai Boat Harbor							
29090	- Entrance Lighted Buoy 1	21 16 35 N 157 50 49 W	FI G 2.5s		5	Green.	
29095	- Entrance Lighted Buoy 2	21 16 34 N 157 50 46 W	FI R 2.5s		5	Red.	
29100	- CHANNEL RANGE FRONT LIGHT	21 17 18 N 157 50 36 W	F R	30		KRW on post.	Lighted during periods of darkness only. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAWAII - Fourteenth District							
29105	- CHANNEL RANGE REAR LIGHT 90 yards, 013.5° from front light.		Q R	48		KRW on post.	Lighted during periods of darkness only. Private aid.
29110	- Channel Buoy 3					Green.	Private aid.
29115	- Channel Buoy 4					Red.	Private aid.
29120	- Channel Daybeacon 5			6		SG on pile.	Private aid.
29125	- Channel Daybeacon 6			6		TR on pile.	Private aid.
29130	- Channel Daybeacon 7			6		SG on pile.	Private aid.
29135	- Channel Daybeacon 8			6		TR on pile.	Private aid.
Kewalo Basin							
29140	- ENTRANCE RANGE FRONT LIGHT	21 17 39 N 157 51 28 W	Q G	63	12	KRW on post. 58	Visible 4° each side of rangeline.
29145	- ENTRANCE RANGE REAR LIGHT 77 yards, 034.7° from front light.		Oc G 4s	75	12	KRW on skeleton tower. 69	Visible 4° each side of rangeline.
29150	- <i>Lighted Buoy 1</i>	21 17 16 N 157 51 45 W	FI G 2.5s		5	Green.	
29155	- <i>Lighted Buoy 2</i>	21 17 15 N 157 51 44 W	FI R 4s		5	Red.	
29160	- Buoy 4					Red nun.	
29165	- Buoy 6					Red nun.	
Honolulu Harbor							
29170	- Entrance Light	21 17 45 N 157 52 08 W	FI G 7.5s	95	20	On white post. 82	Visible from 305° to 089°.
29175	- <i>Entrance Lighted Buoy H</i>	21 16 51 N 157 52 48 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	RACON: O (---).
29180	- <i>Channel Lighted Buoy 1</i>	21 17 30 N 157 52 27 W	FI G 4s		5	Green.	
29185	- ENTRANCE CHANNEL RANGE FRONT LIGHT	21 18 19 N 157 51 56 W	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.		F R	60		KRW on single pile mast.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
29195	- <i>Channel Lighted Buoy 2</i>		FI R 4s		5	Red.	
29200	- Channel Buoy 3					Green can.	
29205	- Channel Buoy 4	21 17 40 N 157 52 15 W				Red nun.	
29210	- <i>Channel Lighted Buoy 5</i>		FI G 2.5s		4	Green.	
29215	- <i>Channel Lighted Buoy 6</i>	21 17 44 N 157 52 12 W	FI R 2.5s		4	Red.	Marks shoal.
29220	- CHANNEL LIGHT 7	21 18 05 N 157 52 09 W	Iso G 6s	15	3	Collision tolerant pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAWAII - Fourteenth District							
29225	- Buoy 8	21 18 18 N 157 51 57 W				Red nun.	
29230	- Buoy 10	21 18 32 N 157 51 55 W				Red nun.	
29235	- Buoy 12	21 18 59 N 157 52 47 W				Red nun.	
Kalihi Channel							
29240	- Entrance Lighted Buoy 1	21 17 23 N 157 53 55 W	FI G 2.5s		5	Green.	
29245	- RANGE FRONT LIGHT	21 18 33 N 157 53 43 W	Q G	36		KRW on skeleton tower.	Visible 4° each side of rangeline.
29250	- RANGE REAR LIGHT 677 yards, 007° from front light.		Iso G 6s	65		KRW on skeleton tower.	Visible 4° each side of rangeline.
29255	- Lighted Buoy 3		Oc G 4s		4	Green.	
29260	- Lighted Buoy 4		Oc R 4s		4	Red.	
29265	- Lighted Buoy 5	21 17 58 N 157 53 49 W	FI G 2.5s		4	Green.	
29270	- Lighted Buoy 6	21 17 57 N 157 53 45 W	FI R 2.5s			Red.	
29275	- LIGHT 7		FI G 4s	15	5	SG on dolphin.	
29280	- LIGHT 8		Q R	15	4	TR on dolphin.	
29285	- LIGHT 10		FI R 2.5s	15	4	TR on dolphin.	
29290	- LIGHT 11		FI G 2.5s	15	4	SG on dolphin.	
29295	- LIGHT 12		FI R 4s	15	4	TR on dolphin.	
29300	- LIGHT 13		FI G 2.5s	15	4	SG on dolphin.	
29305	- LIGHT 14		FI R 2.5s	15	4	TR on dolphin.	
29310	- LIGHT 15		FI G 4s	15	5	SG on dolphin.	
Keehi Lagoon							
29315	- BARGE CHANNEL RANGE FRONT LIGHT	21 19 48 N 157 53 54 W	F G	16		KRG on post.	Lighted throughout 24 hours. Private aid.
29320	- BARGE CHANNEL RANGE REAR LIGHT 200 yards, 334° from front light.		F G	22		KRG on post.	Lighted throughout 24 hours. Private aid.
29325	- Barge Turning Basin Buoy 2					Red nun.	Private aid.
29330	- Pipeline Marker Buoy A	21 19 30 N 157 53 42 W				White sphere with orange diamond worded PIPELINE.	Private aid.
29335	- Pipeline Marker Buoy B	21 19 30 N 157 53 48 W				White sphere with orange diamond worded PIPELINE.	Private aid.
29340	- Pipeline Marker Buoy C	21 19 36 N 157 53 54 W				White sphere with orange diamond worded PIPELINE.	Private aid.
Hickam Harbor							
29345	Hickam Harbor Channel Buoy 1	21 18 12 N 157 57 12 W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAWAII - Fourteenth District							
29350	- CHANNEL LIGHT 2	21 18 12 N 157 57 08 W	FI R 4s	25	4	TR on pile.	
29355	- Channel Daybeacon 3			15		SG on pile.	
29360	- Channel Daybeacon 4			15		TR on pile.	
29362	- Channel Buoy 5					Green can.	
29365	- CHANNEL LIGHT 6		FI R 2.5s	16	4	TR on concrete pile.	
Pearl Harbor							
29370	- Entrance Lighted Buoy 1	21 17 52 N 157 57 25 W	FI G 4s		5	Green.	
29375	- Entrance Lighted Buoy 2		FI R 2.5s		5	Red.	
29380	- ENTRANCE RANGE FRONT LIGHT	21 19 36 N 157 58 15 W	Q R	51		KRW on post. 50	Visible 4° on either side of rangeline.
29385	- ENTRANCE RANGE REAR LIGHT 750 yards, 333.6° from front light.	21 19 56 N 157 58 26 W	Oc R 4s	97		KRW on skeleton tower.	Visible 4° each side of rangeline.
29390	- Buoy 3					Green can.	
29395	- Buoy 4					Red nun.	
29400	- LIGHT 5	21 18 55 N 157 58 01 W	FI G 2.5s	15	4	SG on pile.	
29405	- LIGHT 6		FI R 4s	15	3	TR on pile.	
29410	- LIGHT 7		FI G 4s	16	4	SG on dolphin.	
29415	A Docks Basin Daybeacon 2					TR on pile.	
29420	PEARL HARBOR LIGHT 9	21 19 40 N 157 58 16 W	FI G 4s	15	5	SG on pile. 12	
29425	- Lighted Buoy 11	21 20 11 N 157 58 18 W	FI G 2.5s		5	Green.	
29430	- WEST LOCH JUNCTION LIGHT W	21 20 30 N 157 58 17 W	FI (2+1) G 6s	15	4	JG on pile. 10	
29435	- LIGHT 15		FI G 4s	15	4	SG on multi-pile structure.	
29440	- LIGHT 16		Q R	15	4	TR on multi-pile structure.	
29445	- LIGHT 17		Q G	15	4	SG on pile.	
29450	- LIGHT 18		FI R 2.5s	15	4	TR on pile.	
29455	- LIGHT 19		FI G 6s	15	4	SG on multi-pile structure.	
29460	- LIGHT 20		FI R 4s	15	4	TR on pile.	
29465	FORD ISLAND JUNCTION LIGHT F	21 21 17 N 157 57 57 W	FI (2+1) G 6s	16	4	JG on multi-pile structure.	
29470	- LIGHT 23		FI G 2.5s	15	4	SG on pile.	
Pearl Harbor North Channel							
29480	- Lighted Buoy 1	21 21 30 N 157 58 19 W	FI G 4s		4	Green.	
29485	- LIGHT 2		FI R 2.5s	15	4	TR on multi-pile structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAWAII - Fourteenth District							
29490	- LIGHT 4	21 21 41 N 157 58 11 W	FI R 4s	15	4	TR on multi-pile structure.	
29495	- <i>Lighted Buoy 6</i>	21 22 25 N 157 57 20 W	FI R 6s		4	Red.	
29500	- <i>Lighted Buoy 8</i>		FI R 2.5s		4	Red.	
29505	- Buoy 9	21 22 26 N 157 56 45 W				Green can.	
Pearl Harbor West Loch							
29510	- ENTRANCE RANGE FRONT LIGHT	21 21 07 N 157 58 59 W	F G	32		KRW on skeleton tower. 20	Visible 4° each side of rangeline.
29515	- ENTRANCE RANGE REAR LIGHT 300 yards, 323° from front light.		F G	47		KRW on skeleton tower.	Visible 4° each side of rangeline.
29520	- Daybeacon 1	21 20 22 N 157 58 28 W				SG on pile.	
29525	- LIGHT 3		Q G	15	4	SG on pile.	
29530	- LIGHT 5	21 20 56 N 157 59 00 W	FI G 2.5s	15	4	SG on pile.	
29535	- <i>Lighted Buoy 6</i>	21 21 04 N 157 59 21 W	Q R		3	Red.	
29540	- <i>Lighted Buoy 7</i>	21 21 10 N 157 59 34 W	Q G		3	Green.	
29543	- <i>Lighted Buoy 8</i>	21 21 21 N 157 59 35 W	FI R 2.5s		3	Red.	
29545	- LIGHT 9		FI G 2.5s	15	4	SG on multi-pile structure.	
29550	- LIGHT 10	21 21 22 N 157 59 59 W	FI R 4s	15	4	TR on multi-pile structure.	
29555	- Daybeacon 11			13		SG on pile.	
Pearl Harbor East Loch							
29560	- Daybeacon 2	21 22 20 N 157 56 20 W				TR on pile.	
29565	- LIGHT 4	21 22 27 N 157 56 12 W	FI R 4s	15	4	TR on pile.	
29568	- Danger Daybeacon	21 23 04 N 157 57 36 W		4		NW on pile.	Private aid.
Pearl Harbor Southeast Loch							
29570	MERRY POINT LIGHT	21 21 08 N 157 56 37 W	F G	30	7	NB on post. 24	Lighted throughout 24 hours.
Barbers Point							
29580	- <i>Anchorage Area Charlie Lighted Buoy A</i>	21 16 30 N 158 04 00 W	FI Y 4s			Yellow.	Private aid.
29585	- <i>Anchorage Area Charlie Lighted Buoy B</i>	21 16 30 N 158 04 30 W	FI Y 2s			Yellow.	Private aid.
29590	- Anchorage Area Charlie Buoy C	21 16 48 N 158 04 30 W				Yellow spar.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAWAII - Fourteenth District							
29595	- Anchorage Area Charlie Buoy D	21 16 48 N 158 04 00 W				Yellow spar.	Private aid.
29600	- Anchorage Area Bravo Tanker Terminal Lighted Buoy A	21 16 12 N 158 05 15 W	Q Y			Yellow.	Three lighted fluorescent orange fuel lines extend 840 feet from the buoy. Private aid.
29650	- Light	21 17 47 N 158 06 22 W	FI W 7.5s	85	24	White cylindrical concrete tower. 75	Obscured from 147.7° to shore. Lighted throughout 24 hours.
29651	Barbers Point Harbor Entrance Channel Lighted Buoy 2	21 18 55 N 158 07 41 W	FI R 2.5s		4	Red.	RACON: B(---).
29651.5	- Harbor Entrance Channel Lighted Buoy 3	21 19 00 N 158 07 45 W	FI G 4s		5	Green	
29652	- HARBOR ENTRANCE CHANNEL RANGE FRONT LIGHT	21 19 45 N 158 06 53 W	F G	50	13	KRW on post. 40	Visible 4° each side of rangeline.
29653	- HARBOR ENTRANCE CHANNEL RANGE REAR LIGHT 125 yards, 045° from front light.	21 19 48 N 158 06 50 W	Iso G 6s	75	14	KRW on post. 54	Visible 4° each side of rangeline.
29654	- HARBOR ENTRANCE CHANNEL LIGHT 4 75 feet outside channel limit.	21 19 08 N 158 07 28 W	FI R 2.5s	25	4	TR on pile.	
29654.1	- HARBOR ENTRANCE CHANNEL LIGHT 5	21 19 13 N 158 07 31 W	FI G 2.5s	25	5	SG on dolphin.	
29654.2	- HARBOR ENTRANCE CHANNEL LIGHT 6	21 19 19 N 158 07 16 W	Q R	25	4	TR on post. 15	
29654.3	- HARBOR ENTRANCE CHANNEL LIGHT 7	21 19 24 N 158 07 20 W	Q G	25	4	SG on pile. 20	
West Beach Marina							
29655	- LIGHT 1	21 19 12 N 158 07 06 W	FI G 4s	20		SG on pile.	Private aid.
29656	- LIGHT 2		Q R	20		TR on pile.	Private aid.
29657	- Daybeacon 3			5		SG on pile.	Private aid.
29658	- Daybeacon 5			5		SG on pile.	Private aid.
29659	- Daybeacon 7			5		SG on pile	Private aid.
29660	- Daybeacon 9			5		SG on pile.	Private aid.
29661	- Daybeacon 11			5		SG on pile.	Private aid.
29662	- Daybeacon 12			5		TR on pile.	Private aid.
29663	- LIGHT 13		FI G 6s	20		SG on pile.	Private aid.
29664	- Daybeacon 14			5		TR on pile.	Private aid.
29665	FORACS III Lighted Buoy	21 22 04 N 158 08 55 W	FI Y 6s			Orange with white bands.	Maintained by U.S. Navy.
Waianae Harbor							
29675	- BREAKWATER LIGHT 1	21 26 51 N 158 11 49 W	FI G 4s	20	6	SG on spindle. 10	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAWAII - Fourteenth District							
29680	- RANGE FRONT LIGHT	21 26 56 N 158 11 47 W	Q R	20		KRW on post.	
29685	- RANGE REAR LIGHT 78 yards, 003° from front light.	21 26 58 N 158 11 47 W	Iso R 6s	27	5	KRW on post. 18	
29690	Kaena Point Light	21 34 20 N 158 15 50 W	FI W 10s	931	25	On top of building. 25	Lighted throughout 24 hours.
29695	KAENA POINT PASSING LIGHT	21 34 28 N 158 16 46 W	FI W 2.5s	71	7	NR on pile. 30	
Haleiwa Harbor							
29700	- RANGE FRONT LIGHT	21 35 43 N 158 06 12 W	F G	24	13	KRW on post. 18	Visible 4° each side of rangeline.
29705	- RANGE REAR LIGHT 305 yards, 129° from front light.		F G	46		KRW on post.	Visible 4° each side of rangeline.
29710	- <i>Entrance Lighted Buoy 2</i>	21 36 11 N 158 06 51 W	FI R 2.5s		3		
29720	- Buoy 3					Green can.	
29725	- Buoy 4					Red nun.	
29732	- LIGHT 6	21 35 48 N 158 06 22 W	FI R 4s	20	4	TR on post. 8	
29734	- LIGHT 7	21 35 42 N 158 06 21 W	FI G 6s	20	4	SG on post. 8	
29734.5	- <i>UH Wave Lighted Buoy 106 (Waimea, Oahu)</i>	21 40 22 N 158 06 57 W	FI (4) Y 20s			Yellow spherical buoy.	Private aid.
OAHU TO NIIHAU (Chart 19380)							
Kauai Island							
29735	Kilauea Point Light	22 13 53 N 159 24 07 W	FI 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 48 N 159 17 43 W	FI W 6s	40	9	NB on spindle. 18	
Waikaea							
29741.1	- LIGHT 1	22 04 24 N 159 18 36 W	FI G 4s	12		SG on pile.	Private aid.
29741.2	- LIGHT 2		FI R 4s	12		TR on pile.	Private aid.
29741.3	- LIGHT 3		FI G 2.5s	12		SG on pile.	Private aid.
29741.4	- LIGHT 4		FI R 2.5s	12		TR on pile.	Private aid.
29741.5	- LIGHT 5		FI G 6s	12		SG on pile.	Private aid.
29741.6	- LIGHT 6		FI R 6s	12		TR 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							
Kauai Island							
29745	Nawiliwili Harbor Light	21 57 18 N 159 20 09 W	FI W 15s	110	24	Buff-colored cylindrical concrete tower. 73	Obscured from 065° to 115°. Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. Operates during periods of darkness only.
29750	<i>Ninini Point Lighted Buoy 2</i> Marks shoal off Ninini Point.	21 57 11 N 159 20 07 W	FI R 4s		4	Red.	
Nawiliwili Harbor							
29755	KUKII POINT LIGHT	21 57 24 N 159 20 53 W	FI W 2.5s (R sector)	47	W R 5	6 White pyramidal concrete tower. 22	Red from 045° to 065° and 250° to 290°.
29760	- RANGE FRONT LIGHT	21 57 23 N 159 21 09 W	F R	45		KRW on post. 40	Visible 4° each side of rangeline.
29765	- RANGE REAR LIGHT 181 yards, 289.4° from front light.	21 57 25 N 159 21 14 W	F R	68		KRW on building. 62	Visible 4° each side of rangeline.
29770	- BREAKWATER LIGHT	21 57 12 N 159 20 54 W	Q W	21	6	NB on post.	
29775	- Nawiliwili Harbor Entrance Buoy 1 Marks submerged end of breakwater.	21 57 14 N 159 20 54 W				Green can.	
29780	- Buoy 2	21 57 21 N 159 20 58 W				Red nun.	
29783	- Buoy 4					Red nun.	
29784	- Buoy 5					Green can.	
29785	- Bouy 6					Red nun.	
29790	- <i>Lighted Buoy 7</i>		FI G 2.5s		3	Green.	
Nawiliwili Small Boat Harbor							
29793	- Buoy 9					Green can.	
Nawiliwili Harbor							
29795	- Buoy 11					Green can.	
Nawiliwili Small Boat Harbor							
29805	- LIGHT 1	21 56 58 N 159 21 25 W	FI G 6s	18	4	SG on pile. 9	Obscured from 244° to 021°.
29810	- LIGHT 2	21 56 58 N 159 21 29 W	FI R 4s	18	4	TR on pile. 10	
29815	- LIGHT 3		Q G	8		SG on pile.	Private aid.
29820	- LIGHT 5		Q G	8		SG on pile.	Private aid.
29825	- LIGHT 7		Q G	8		SG on pile.	Private aid.
29830	- LIGHT 9		Q G	8		SG on pile.	Private aid.
29835	- LIGHT 11		Q G	8		SG on pile.	Private aid.
29840	- LIGHT 13		Q G	8		SG on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAWAII - Fourteenth District							
29845	- LIGHT 15		Q G	8		SG on pile.	Private aid.
	Kauai Island						
29850	Makahuena Point Light	21 52 08 N 159 26 39 W	FI W 2.5s	80	8	NB on post. 20	Obscured from 110° to 237.5°.
29860	Kalanipua Rock Buoy 2	21 52 39 N 159 31 21 W				Red nun.	
29865	PUOLO POINT LIGHT	21 53 34 N 159 36 16 W	FI W 4s (R sector)	28	W 5 R 4	NB on post. 20	Red from 261° to 282°, covers Kalanipua Rock.
	Hanapepe Bay						
29875	<i>Hanapepe Lighted Buoy 1</i>	21 53 46 N 159 35 37 W	FI G 2.5s		5	Green.	
29877	- BREAKWATER LIGHT 2	21 53 49 N 159 35 27 W	Q R	32	5	TR on spindle.	
29885	- <i>Hanapepe Bay Lighted Buoy 3</i>	21 53 57 N 159 35 38 W	FI G 4s		5	Green.	
29890	- Buoy 5					Green can.	
29897	PORT ALLEN SMALL BOAT HARBOR BREAKWATER LIGHT 1	21 54 06 N 159 35 24 W	FI G 4s	9		SG on spindle.	Private aid.
	Kikiaola Boat Harbor						
29900	- RANGE FRONT LIGHT	21 57 34 N 159 41 36 W	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.		F R	28		Steel pole on concrete base.	Located west of harbor. Private aid.
29902	- LIGHT 1		Q G	16		Yellow pole on concrete base.	Located on western harbor entrance. Private aid.
29903	- LIGHT 2		Q R	16		Yellow pole on concrete base.	Located on eastern harbor entrance. Private aid.
	Hanapepe Bay						
29905	KOKOLE LIGHT	21 58 44 N 159 45 22 W	FI W 6s	58	6	NB on three legged tower.	Obscured from 163° to 283°.
29908	PMRF Mooring Buoy T	22 00 20 N 159 47 20 W				Orange.	Maintained by U.S. Navy.
29910	NOHILI POINT LIGHT	22 03 45 N 159 46 58 W	FI W 4s	120	8	NB on spindle. 20	Obscured from 230° to 330°.
29915	Milolii Beach Range Front Daybeacon	22 08 42 N 159 43 24 W				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.					KRW on post.	Maintained from June 1 to Sept. 8. Private aid.
29925	Nualolo Beach Range Front Daybeacon	22 09 30 N 159 42 00 W				KRW on post.	Maintained from June 1 to Sept. 8. Private aid.
29930	Nualolo Beach Range Rear Daybeacon 33 yards, 149° from front daybeacon.					KRW on post.	Maintained from June 1 to Sept. 8. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
HAWAII - Fourteenth District							
Lehua Island							
29935	LEHUA ROCK LIGHT	22 01 12 N 160 05 51 W	Fl W 4s	704	7	On post. 10	Obscured from 344° to 045°.

Section 22

Pacific Islands

(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							
29945	- Entrance Lighted Buoy 1	28 11 54 N 177 21 22 W	FI G 2.5s		4	Green.	
29950	- RANGE FRONT LIGHT	28 13 51 N 177 21 17 W	Q W	25		KRW on pile structure.	
29955	- RANGE REAR LIGHT 600 yards, 359.5° from front light.		Iso W 6s	51		KRW on pile structure.	
29960	- Entrance Buoy 2	28 12 43 N 177 21 28 W				Red nun.	
29965	- Buoy 3					Green can.	
29970	- Buoy 4					Red nun.	
29975	- Buoy 5 Marks tip of shoal.					Green can.	
29980	- Buoy 7					Green can.	
29985	- Buoy 8					Red nun.	
30000	Midway Basin Channel Buoy 2 Marks shoal.	28 12 44 N 177 21 28 W				Red nun.	
30005	Midway Inner Basin Junction Buoy B	28 12 47 N 177 21 20 W				Green can with red band.	
30010	- Buoy 10					Red nun.	
30015	- Buoy 11					Green can.	
30020	- Buoy 12					Red nun.	
30025	- Buoy 13					Green can.	
30030	- Buoy 14					Red nun.	
30035	- Buoy 15					Green can.	
30040	- Buoy 16					Red nun.	
30045	- Buoy 17					Green can.	
JOHNSTON ATOLL (Chart 83637)							
Johnston Atoll							
30080	- Channel Entrance Lighted Buoy 2	16 42 44 N 169 31 01 W	FI R 2.5s		4	Red.	
30085	- JOHNSTON ATOLL CHANNEL RANGE FRONT LIGHT	16 44 38 N 169 31 04 W	Q W	17		KRW on platform.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PACIFIC ISLANDS - Fourteenth District							
30095	- JOHNSTON ATOLL CHANNEL RANGE REAR LIGHT 650 yards, 000° from front light.	16 44 58 N 169 31 04 W	Iso W 6s	40		KRW on pile.	
30100	- Channel Buoy 4					Red nun.	
30105	- Channel Buoy 5					Green can.	
30110	- Channel Daybeacon 6	16 43 31 N 169 31 01 W		15		TR on dolphin.	
30115	- Channel Daybeacon 7	16 43 44 N 169 31 06 W		15		SG on dolphin.	
30120	- Johnston Atoll Channel Daybeacon 9	16 43 54 N 169 31 06 W		15		SG on dolphin.	
30125	- Johnston Atoll Channel Daybeacon 10	16 43 54 N 169 31 01 W		15		TR on dolphin.	
30130	Johnston Atoll Channel Buoy 11	16 44 08 N 169 31 06 W				Green can.	
30135	- Channel Buoy 12	16 44 05 N 169 31 01 W				Red nun.	
30140	- Channel Daybeacon 13	16 44 15 N 169 31 10 W		15		SG on dolphin.	
30145	- Channel Daybeacon 14	16 44 18 N 169 31 01 W		15		TR on dolphin.	
30150	- Channel Articulated Beacon 16	16 44 30 N 169 31 01 W		16		TR on mast.	
30155	- Harbor Buoy 17					Green can.	
30160	- Harbor Buoy 18	16 44 37 N 169 31 20 W				Red nun.	
30162	- Harbor Buoy 20	16 44 26 N 169 31 42 W				Red nun.	
30165	- Harbor Buoy 22	16 44 15 N 169 32 01 W				Red nun.	
30170	- Harbor Daybeacon 23	16 44 00 N 169 32 05 W		15		SG on pile.	
SAMOA ISLANDS (Chart 83484)							
<i>The Samoan Islands have been converted to the IALA Maritime Buoyage System for Region A.</i>							
30175	AUNUU ISLAND LIGHT	14 16 50 S 170 32 56 W	FI W 4s	272	6	Steel tower. 25	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 17 01 S 170 33 41 W	FI G 4s	27	3	Steel tower.	
Tutuila Island							
30185	BREAKERS POINT LIGHT	14 17 23 S 170 39 49 W	FI W 6s (R sector)	190	W 8 R 6	NB on spindle. 27	Red from 150° to 170°. Visible from channel between Tutuila Island and Aunuu Island around into inner harbor of Pago Pago.
30186	<i>Taema Bank Lighted Buoy 1</i>	14 19 26 S 170 40 28 W	FI G 4s		5	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PACIFIC ISLANDS - Fourteenth District							
Pago Pago Harbor							
30190	- RANGE FRONT LIGHT	14 16 08 S 170 40 27 W	Q R	26		KRW on skeleton tower.	Visible 4° each side of rangeline.
30195	- RANGE REAR LIGHT 253 yards, 342° from front light.		Iso R 6s	150		KRW on square structure. 10	Visible 4° each side of rangeline.
30200	<i>Whale Rock Lighted Buoy 2</i>	14 17 09 S 170 40 12 W	FI R 4s		3	Red.	
30205	Toasa Rock Buoy 3					Green nun.	
30210	- <i>Lighted Buoy 4</i>	14 16 35 S 170 40 46 W	FI R 2.5s		3	Red.	
30215	- <i>Lighted Buoy 5</i>	14 16 32 S 170 40 15 W	FI G 2.5s		3	Green.	
30220	- Pago Pago Harbor Daybeacon 6	14 16 33 S 170 41 25 W				SR on pile.	
30225	- Danger Buoy	14 16 18 S 170 41 15 W				White with orange bands and orange diamond worded DANGER.	
Tutuila Island							
30235	STEPS POINT LIGHT	14 22 22 S 170 45 35 W	FI W 4s	78	7	NB on spindle. 20	
Ofu Harbor							
30240	- LIGHT 1	14 10 02 S 169 40 51 W	FI G 4s	15	3	TG on pile.	
30245	- LIGHT 2	14 10 00 S 169 40 53 W	FI R 4s	22	3	SR on pile.	
Ta'u Harbor							
30260	- Range Front Daybeacon	14 14 21 S 169 30 39 W		24		KRW on spindle. 13	
30261	- Range Rear Daybeacon 33 yards, 045° from front daybeacon.	14 14 20 N 169 30 38 W		33		KRW on spindle. 25	
Faleasao Harbor							
30265	- Range Front Daybeacon	14 13 17 S 169 30 54 W				KRW on spindle. 13	
30266	- Range Rear Daybeacon 66 yards, 200.5° from front daybeacon.	14 13 18 N 169 30 54 W				KRW on spindle. 23	
KWAJALEIN ATOLL (Chart 81715)							
Kwajalein Atoll							
Roi-Namur Islands Channel							
<i>Kwajalein Atoll has been converted to the IALA Maritime Buoyage system for Region A.</i>							
30310	- <i>Approach Lighted Buoy 2</i>	09 20 34 N 167 27 48 E	FI R 4s		4	Red.	
30312	- Daybeacon 3	09 22 25 N 167 28 19 E		11		TG on pile.	
30315	- <i>Lighted Buoy 5</i>	09 22 59 N 167 28 11 E	FI G 4s		4	Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PACIFIC ISLANDS - Fourteenth District							
30320	- Buoy 6	09 23 03 N 167 28 08 E				Red can.	
30325	- Buoy 7					Green nun.	
30330	- Buoy 8					Red can.	
30335	- Buoy 9					Green nun.	
30340	- Buoy 10					Red can.	
Kwajalein-Roi Highway Channel							
30345	- <i>Lighted Buoy 2</i>	08 53 04 N 167 38 46 E	FI R 4s		4	Red.	
30350	- Buoy 4	08 59 35 N 167 36 39 E				Red can.	
30355	- Daybeacon 6	09 06 21 N 167 34 30 E		25		SR on pile.	
30357	- <i>Lighted Buoy 8</i>	09 12 32 N 167 30 27 E	FI R 4s			Red.	
30360	- Buoy 9	09 14 17 N 167 30 28 E				Green nun.	
30362	- Buoy 10	09 16 02 N 167 29 04 E				Red can.	
30365	- Buoy 12					Red can.	
30370	- <i>Lighted Buoy 13</i>	09 18 41 N 167 28 33 E	FI G 4s		4	Green.	
Meck Island							
30375	- <i>Approach Lighted Buoy 2</i>	09 00 00 N 167 42 38 E	FI R 4s		4	Red.	
Kwajalein Bigej Channel							
30390	- Buoy 1	08 52 28 N 167 45 47 E				Green nun.	
30395	- Buoy 2	08 52 13 N 167 45 39 E				Red can.	
Kwajalein South Pass							
30400	- Buoy 1	08 46 47 N 167 38 51 E				Green nun.	
30405	- Buoy 2	08 47 03 N 167 38 39 E				Red can.	
Kwajalein Gea Pass							
30410	- <i>Lighted Buoy 2</i>	08 49 13 N 167 35 49 E	FI R 2.5s		5	Red.	
30415	- <i>Lighted Buoy 3</i>	08 49 09 N 167 36 12 E	FI G 2.5s		4	Green.	
30420	- Buoy 4					Red can.	
30425	- <i>Lighted Buoy 6</i>	08 49 25 N 167 37 00 E	FI R 4s		4	Red.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PACIFIC ISLANDS - Fourteenth District							
Kwajalein Lagoon							
30430	- Kwajalein Lagoon Junction Lighted Buoy V	08 52 23 N 167 43 50 E	FI (2+1) R 6s		3	Red and green bands.	
30435	Kwajalein-Bigej Channel Buoy 5	08 49 17 N 167 42 38 E				Green nun.	
30440	- Obstruction Daybeacon S	08 48 25 N 167 42 04 E		12		NB on post.	
30445	- Obstruction Buoy Y	08 47 42 N 167 42 07 E				Green nun.	
30450	KWAJALEIN-BIGEJ CHANNEL LIGHT 7	08 47 01 N 167 42 31 E	FI G 4s	13	4	SG on post.	
30455	Kwajalein-Bigej Channel Lighted Buoy 8	08 45 28 N 167 43 53 E	FI R 2.5s		5	Red.	
30460	Kwajalein-Bigej Junction Light N	08 44 19 N 167 43 45 E	FI (2+1) G 6s	12	4	Green and red bands.	
30465	Kwajalein Harbor Approach Channel Lighted Buoy 1	08 47 34 N 167 39 47 E	FI G 4s		4	Green.	
30470	- Junction Lighted Buoy B	08 45 25 N 167 42 47 E	FI (2+1) R 6s		4	Red and green bands.	
Kwajalein Harbor							
30475	- Channel Buoy 3	08 45 02 N 167 42 33 E				Green nun.	
30480	- Channel Buoy 5	08 44 29 N 167 43 07 E				Green nun.	
30485	- Channel Buoy 7	08 44 18 N 167 43 18 E				Green nun.	
30490	- Channel Buoy 9	08 44 05 N 167 43 32 E				Green nun.	
30495	- Channel Lighted Buoy 8	08 44 11 N 167 43 33 E	FI R 4s		4	Red.	
30500	- Channel Junction Buoy G					Green and red bands; nun.	
30505	- Channel Buoy 11					Green nun.	
ISLAND OF GUAM (Marianas) (Chart 81048)							
Guam Island							
<i>The Marianas Islands have been converted to the IALA Maritime Buoyage System for Region A.</i>							
30660	RITIDIAN POINT LIGHT	13 39 01 N 144 51 43 E	FI W 6s	573	9	NB on pile. 20	Obscured from 291° to 053°.
Agana Small Boat Basin Approach							
30665	- RANGE FRONT LIGHT	13 28 44 N 144 45 07 E	Q R	19		KRW on post. 14	Visible 4° each side of rangeline.
30670	- RANGE REAR LIGHT 133 yards, 186.5° from front light.	13 28 40 N 144 45 06 W	Iso R 6s	37		KRW on post. 32	Visible 4° each side of rangeline.
30675	- LIGHT 1	13 28 56 N 144 45 06 E	FI G 2.5s	17	4	TG on pile. 14	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PACIFIC ISLANDS - Fourteenth District							
30680	- LIGHT 2	13 28 56 N 144 45 12 E	FI R 2.5s	22	4	SR on pile.	
30685	Orote Point Light	13 26 47 N 144 37 11 E	FI W 5s	226	15	NB on concrete tower. 23	Obscured from 227° to 358°.
Apra Outer Harbor							
30690	- Entrance Lighted Buoy 1	13 27 02 N 144 37 24 E	FI G 4s		4	Green.	
30695	- Entrance Lighted Buoy 2	13 27 10 N 144 37 23 E	FI R 4s		4	Red.	
30700	- ENTRANCE RANGE FRONT LIGHT	13 27 24 N 144 40 00 E	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 26 N 144 40 21 W	Iso Y 6s	65		KRW on skeleton tower.	Visible 4° each side of rangeline.
30710	GLASS BREAKWATER LIGHT	13 27 17 N 144 37 28 E	FI W 4s	60	6	NB on post.	
30725	- PIER DOG LIGHT	13 27 47 N 144 38 54 E	FI W 4s	25	6	NB on post.	Obscured from 090° to 270°.
30730	- Lighted Buoy 3	13 27 14 N 144 39 14 E	FI G 2.5s		3	Green.	
Cabras Island Channel							
30735	- Lighted Buoy 2	13 27 32 N 144 39 19 E	FI R 2.5s		3	Red.	
30740	- Junction Lighted Buoy A	13 27 24 N 144 39 26 E	FI (2+1) G 6s		4	Green and red bands.	
30745	- LIGHT 4	13 27 34 N 144 39 38 E	Iso R 6s	29	7	SR on concrete pile.	
30750	- Lighted Buoy 5	13 27 24 N 144 39 49 E	FI G 6s		4	Green.	
30751	Piti Channel Entrance Light 1	13 27 35 N 144 40 25 E	FI G 4s		4	TG on pile.	
30752	Piti Channel Entrance Light 2	13 27 37 N 144 40 25 E	FI R 4s		4	SR on pile.	
Apra Outer Harbor							
30755	- Lighted Buoy 5		Q G		3	Green.	
30760	- Lighted Buoy 6		FI R 4s		3	Red.	
30765	- Lighted Buoy 7		FI G 4s		4	Green.	
30770	- Lighted Buoy 8		FI R 6s		4	Red.	
30775	- Buoy 9					Green nun.	
30785	- LIGHT	13 26 37 N 144 39 21 E	Iso W 6s	22	8	NB on skeleton tower.	
Drydock Point							
30787	- West Entrance Daybeacon 1	13 26 48 N 144 40 42 E		8		TG on pile.	Private aid.
30787.2	- West Entrance Daybeacon 2			8		SR on pile.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PACIFIC ISLANDS - Fourteenth District							
30787.4	- East Entrance Daybeacon 1	13 26 48 N 144 40 24 E		8		TG on pile.	Private aid.
30787.6	- East Entrance Daybeacon 2			8		SR on pile.	Private aid.
30787.8	- Daybeacon A			8		NY on pile.	Private aid.
30788	- Daybeacon B			8		NY on pile.	Private aid.
30788.2	- Daybeacon C			8		NY on pile.	Private aid.
30788.4	- Daybeacon D			8		NY on pile.	Private aid.
30788.6	- Daybeacon E			8		NY on pile.	Private aid.
30788.8	- Daybeacon F			8		NY on pile.	Private aid.
Apra Inner Harbor							
30790	- APPROACH RANGE FRONT LIGHT	13 26 32 N 144 40 02 E	Q R	15	11	KRW on post.	Visible 4° each side of rangeline.
30795	- APPROACH RANGE REAR LIGHT 420 feet, 141° from front light.	13 26 29 N 144 40 05 E	Iso R 6s	24		KRW on post.	Visible 4° each side of rangeline.
30800	- RANGE FRONT LIGHT	13 25 07 N 144 40 02 E	Q G	38		KRW on post.	Visible 4° each side of rangeline.
30805	- RANGE REAR LIGHT 200 yards, 176° from front light.	13 25 01 N 144 40 02 W	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 27 00 N 144 39 14 E				Red and green bands; can.	
30810.5	ACOE Wave Meter Lighted Buoy	13 22 12 N 144 38 36 E	FI Y 4s			Yellow sphere.	Maintained by U.S. Army Corps of Engineers.
30811	Agat Harbor Entrance Lighted Buoy AG	13 22 04 N 144 38 31 E	Mo (A) W		3	Red and white stripes with red spherical topmark.	
Agat Small Boat Harbor							
30811.1	- Entrance Lighted Buoy 1	13 21 57 N 144 38 37 E	Q G		3	Green.	
30811.3	- LIGHT 3		FI G 2.5s	12		TG on pile.	Private aid.
30811.4	- LIGHT 4		FI R 2.5s	12		SR on pile.	Private aid.
30811.5	- Daybeacon 5			12		TG on pile.	Private aid.
30811.6	- Daybeacon 6			12		SR on pile.	Private aid.
30811.7	- Daybeacon 7			12		TG on pile.	Private aid.
30811.8	- Daybeacon 8			12		SR on pile.	Private aid.
30811.9	- Daybeacon 9			12		TG on pile.	Private aid.
Merizo Bay							
Mamaon Channel							
30815	- Lighted Buoy 1	13 16 09 N 144 39 27 E	Q G			Green.	Private aid.
30820	- Lighted Buoy 2	13 16 11 N 144 39 32 W	Q R			Red.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PACIFIC ISLANDS - Fourteenth District							
Merizo Channel							
30825	- Lighted Buoy 3	13 15 42 N 144 39 54 E	FI G 2s			Green.	Private aid.
30830	- Lighted Buoy 4		FI R 2s			Red.	Private aid.
30835	- Lighted Buoy 5		FI G 2s			Green.	Private aid.
30840	- Lighted Buoy 6		FI R 2s			Red.	Private aid.
ROTA ISLAND (Chart 81063)							
Rota West Harbor							
30845	- RANGE FRONT LIGHT	14 08 06 N 145 07 54 E	Q G	33		KRW on post. 25	
30850	- RANGE REAR LIGHT 41 yards, 118° from front light.		Iso G 6s	46		KRW on post. 36	
SAIPAN (Chart 81076)							
Tanapag Harbor							
30855	- Approach Lighted Buoy T	15 12 11 N 145 40 29 E	Mo (A) W		6	Red and white stripes with red spherical topmark.	
30860	Okino Reef Buoy 1	15 12 43 N 145 41 45 E				Green nun.	
30865	MANAGAHA ISLAND LIGHT	15 14 27 N 145 42 45 E	FI W 6s (G & R sectors)	75	6	NB on spindle.	Green from 030° to 040°. White from 040° to 047°. Red from 047° to 057°.
30870	- Tanapag Harbor Channel Lighted Buoy 2	15 13 13 N 145 41 25 E	Q R		4	Red.	
30871	- Channel Lighted Buoy 2A	15 13 45 N 145 42 01 E	FI R 2.5s		4	Red.	
30875	- RANGE FRONT LIGHT	15 13 42 N 145 44 17 E	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.		Iso G 6s	97		KRW on skeleton tower.	Visible 4° each side of rangeline.
30885	- Channel Lighted Buoy 3	15 13 39 N 145 42 06 E	FI G 2.5s		4	Green.	
30890	- Channel Buoy 4	15 13 45 N 145 42 38 E				Red can.	
30895	- Channel Buoy 5	15 13 41 N 145 42 38 E				Green nun.	
30900	- Channel Lighted Buoy 6	15 13 45 N 145 43 03 E	FI R 4s		4	Red.	
30905	- Channel Lighted Buoy 7	15 13 42 N 145 43 03 E	FI G 4s		4	Green.	
30910	- Channel Buoy 8	15 14 06 N 145 43 28 E				Red can.	
30915	- Channel Buoy 10	15 13 46 N 145 44 10 E				Red can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PACIFIC ISLANDS - Fourteenth District							
Smiling Cove							
30916.6	- LIGHT 2	15 13 22 N 145 43 24 E	FI R 2.5s	12		On concrete structure.	Private aid.
Garapan Channel							
30917	- LIGHT 1	15 11 49 N 145 42 31 E	FI G 2.5s	20		On concrete lighthouse.	Private aid.
30917.1	- <i>Lighted Buoy 2</i>		FI R 2.5s			Red.	Private aid.
30917.2	- Buoy 3					Green nun.	Private aid.
30917.3	- Buoy 4					Red can.	Private aid.
30917.4	- Buoy 5					Green nun.	Private aid.
30917.5	- Buoy 6					Red can.	Private aid.
30917.6	- Buoy 7					Green nun.	Private aid.
30917.7	- Buoy 8					Red can.	Private aid.
30917.8	- Buoy 9					Green nun.	Private aid.
30917.9	- Buoy 10					Red can.	Private aid.
30917.91	- Buoy 11					Green nun.	Private aid.
Sugar Dock Channel							
30919	USHI POINT LIGHT	15 05 54 N 145 38 30 E	FI W 2.5s	18	6		
TINIAN (Chart 81071)							
Tinian Harbor							
30920	- <i>Channel Lighted Buoy 1</i>	14 57 14 N 145 37 24 E	FI G 2.5s		3	Green.	
30925	- <i>Channel Lighted Buoy 2</i>	14 57 24 N 145 37 22 E	FI R 2.5s		4	Red.	
30930	<i>Tinian Harbor Channel Lighted Buoy 3</i>	14 57 29 N 145 37 35 E	Q G		3	Green.	
30935	<i>Tinian Harbor Channel Lighted Buoy 4</i>	14 57 33 N 145 37 28 E	Q R		3	Red.	
30940	- CHANNEL LIGHT 5	14 57 51 N 145 37 24 E	FI G 4s	20	4	TG on post. On corner of pier. 12	
30945	- Channel Buoy 6	14 57 41 N 145 37 23 E				Red can.	

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<i>Gong Buoy W</i>	350	Shag Rock Daybeacon	19445	SMOKY POINT LIGHT	1255
San Joaquin River	6660	Shakan Bay	23405	Snake River	13105
San Juan Channel	19540	SHAKMANOF POINT LIGHT	26495	SNAKE RIVER JUNCTION	
San Juan Point Light	16180	SHAKTOOLIK RIVER		LIGHT S	13040
San Leandro Bay	4720	ENTRANCE LIGHT	27925	Snatelum Point Buoy 1	18633
San Leandro Marina Channel	4829	SHANNON POINT LIGHT	18960	SNIPE ISLAND LIGHT 5	21990
San Luis Obispo Buoy 2	3820	SHAVER MOORING LIGHT	14955	SNIPE POINT LIGHT	22350
San Luis Obispo Light	225	SHAVER TRANSPORTATION		Snipe Rock Daybeacon 1	25350
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Fog Signal	5155	PEN	24967	LIGHT S	25455
San Rafael Creek	5830	SHELDON POINT LIGHT	1293	Sola Rock Daybeacon SR	24480
SAN RAFAEL OUTFALL		Shelikof Strait	26955	South Bay Channel	15981
LIGHT	5810	Shell Oil Wharf Fog Signal	6270	South Beach Harbor	4576
<i>San Simeon Lighted Bell</i>		SHELL OIL WHARF		South Channel	15950
<i>Buoy 1</i>	255	WEST END LIGHT	6265	SOUTH CRAIG POINT	
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DIKE LIGHT 1	14610	SHELTER ISLAND LIGHT	23815	SOUTH LESCHI BREAKWATER	
SAND ISLAND RANGE	9945	SHELTER ISLAND LIGHT S	1640	LIGHTS	18385
SAND POINT DOCK		Shelter Island Yacht Basin	1595	SOUTH NIBLACK ISLANDS	
LIGHT	27100	Sheringham Point Light	16195	LIGHT	22540
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<i>Buoy 4SA</i>	95	SHILSHOLE BAY BOAT BASIN		South Slough	9135
Santa Barbara Island		LIGHT 2	16770	South Willapa Bay	15400
Light	2675	SHILSHOLE BAY		Southampton Shoal Channel	5640
Santa Barbara Light	195	BREAKWATER LIGHT 3	16790	SOUTHAMPTON SHOAL	
Santa Catalina Island East		SHIP ISLAND LIGHT	22425	LIGHT	5480
End Light	2605	SHIP ROCK LIGHT	2635	SOUTHBEACH MARINA	
Santa Catalina Island		SHIRT TAIL REEF LIGHT 1	19635	LIGHT 2	9635
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Santa Cruz	4080	SHOE ISLAND LIGHT	24420	ENTRANCE LIGHT 1	3040
Santa Cruz Light	305	Shoemaker Bay	22615	<i>Southeast Reef Southern</i>	
Saratoga Passage	18595	SHORELINE MARINA		<i>End Lighted Gong</i>	
Saturna Island Light	19810	ENTRANCE LIGHT EAST	2915	<i>Buoy 1S</i>	4125
<i>Saunders Reef Lighted</i>		SHRUB ISLAND LIGHT	21780	SOUTHEY POINT LIGHT	20405
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(Montague Island)	1130	SKIN ISLAND LIGHT	22370	STARKWEATHER LANDING	
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Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
F8364		30865	G3733		60	G3926		190	G4113.4		4980
F8366		30875	G3736		90	G3927		3600	G4114		4945
F8366.1		30880	G3754		2605	G3928		3605	G4114.2		4955
F8374		30845	G3756		2625	G3928.1		3610	G4114.3		4960
F8374.1		30850	G3758		2635	G3930		3615	G4114.4		4965
F8382		30660	G3759		2630	G3935		3630	G4114.5		4970
F8384		30685	G3760		2670	G3940		185	G4115		5025
F8386		30700	G3766		2615	G3944		3635	G4115.2		5100
F8386.1		30705	G3767		2620	G3948		2755	G4117		5140
F8386.2		30710	G3768		2530	G3950		3740	G4117.2		5145
F8386.3		30725	G3770		2535	G3952		195	G4119		4335
F8386.4		30745	G3772		2525	G3954		3765	G4120		4350
F8387		30785	G3776		2540	G3955		3795	G4121		4375
F8387.4		30790	G3778		2575	G3964		200	G4128		5430
F8387.41		30795	G3782		2545	G3968		210	G4128.4		5435
F8388		30800	G3790		2565	G3972		225	G4129		5440
F8388.1		30805	G3794		140	G3976		240	G4138		4435
F8395		30665	G3797		125	G3982		265	G4138.2		4440
F8395.1		30670	G3797.5		3015	G3988		280	G4140		4595
F8395.5		30675	G3797.6		2845	G3992		290	G4141		4600
F8395.6		30680	G3798		3115	G3994		3970	G4142		5360
G3676		5	G3799		135	G3997		4000	G4142.2		5365
G3679		1500	G3836		3225	G3997.1		4005	G4142.23		5370
G3679.1		1505	G3837		3230	G3998.1		4020	G4142.24		5375
G3679.4		1520	G3838		3250	G3998.2		4025	G4142.25		5380
G3679.5		1525	G3839		3255	G3998.4		4030	G4142.26		5385
G3679.6		1530	G3845		3040	G3998.8		4045	G4142.27		5390
G3679.7		1535	G3845.4		3045	G4001		305	G4142.28		5395
G3679.8		1540	G3862		3085	G4002		4085	G4146		4475
G3680		1570	G3863		3090	G4003		4115	G4156		4610
G3687		1595	G3865		2885	G4006		320	G4156.1		4615
G3692		1635	G3865.2		2905	G4007		4145	G4158		4620
G3694		1640	G3865.3		2900	G4007.5		4150	G4158.1		4625
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G3702		1700	G3865.6		2895	G4007.8		4153	G4176		4755
G3706		1800	G3866		2910	G4010		335	G4176.2		4760
G3707		1850	G3866.2		2915	G4014		355	G4176.4		4765
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G3715.36		2185	G3891.1		3340	G4084		4325	G4183.6		5205
G3715.38		2190	G3891.2		3345	G4085		4490	G4183.7		5220
G3715.4		2205	G3891.3		3350	G4085.2		4495	G4183.86		5230
G3715.42		2210	G3891.4		3355	G4086.2		4515	G4183.9		5240
G3715.44		2225	G3891.5		3360	G4086.3		4525	G4191		5305
G3715.46		2230	G3891.8		3375	G4086.4		4535	G4191.1		5310
G3715.5		2245	G3891.9		3415	G4086.5		4500	G4191.6		5315
G3715.52		2250	G3896.72		3500	G4086.6		4545	G4192		5480
G3715.56		2260	G3896.74		3505	G4087		4550	G4192.4		5400
G3715.7		2265	G3896.75		3510	G4087.05		4555	G4192.6		5490
G3715.72		2270	G3896.76		3515	G4088		4560	G4194		5670
G3718		25	G3896.77		3520	G4089		4565	G4194.1		5675
G3718.4		2285	G3896.78		3525	G4089.05		4570	G4196		5760
G3721		2295	G3896.8		3530	G4100		4576	G4196.2		5765
G3721.4		2320	G3900		3555	G4100.2		4577	G4203.2		5685
G3732		50	G3920		2590	G4111.2		4577.1	G4203.8		5710

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Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G4205		5715	G4302		6600	G4483.21		9270	G4618.4		10355
G4205.2		5720	G4302.2		6595	G4484		9510	G4618.41		10360
G4205.4		5725	G4302.4		6650	G4484.1		9515	G4619		10380
G4205.6		5730	G4302.6		6655	G4486		635	G4620		10385
G4215.6		5810	G4302.8		7170	G4490		9580	G4620.1		10390
G4216		5830	G4356		385	G4490.1		9585	G4621		10400
G4216.1		5835	G4356.8		7770	G4492.4		9605	G4621.2		10405
G4216.3		5840	G4356.84		7775	G4493		9635	G4621.3		10410
G4216.4		5845	G4356.9		7785	G4494		9620	G4622		10415
G4216.5		5850	G4357		7790	G4494.1		9625	G4623		10420
G4216.6		5855	G4357.1		7800	G4496		9650	G4624		10425
G4216.7		5860	G4358		420	G4498		9660	G4625		10430
G4217		5975	G4362		450	G4500		9665	G4625.1		10435
G4217.2		5980	G4363		8080	G4500.4		9670	G4626.3		10445
G4217.22		5990	G4364		8100	G4501		9675	G4626.4		10450
G4217.3		6000	G4365		8105	G4502		9680	G4626.5		10455
G4217.32		6010	G4365.1		8110	G4506		650	G4626.6		10440
G4217.4		6020	G4366		8115	G4508		9795	G4627		10460
G4217.42		6030	G4367		8125	G4509		9790	G4631		10500
G4217.5		6040	G4374		480	G4516		675	G4634		10520
G4217.55		6050	G4380		8160	G4519		9820	G4638		10555
G4217.6		6060	G4382		8140	G4520.1		9830	G4639		10560
G4217.7		6070	G4383		8150	G4521		9840	G4640		10565
G4218.38		5880	G4384		8155	G4532		695	G4641		10570
G4241.4		5885	G4385		8165	G4536.2		14420	G4642		10580
G4241.42		5950	G4395.5		8210	G4536.4		14440	G4643		10585
G4241.44		5955	G4396.2		8216	G4536.5		14450	G4644		10590
G4242		5960	G4396.5		8220	G4537		14460	G4644.2		10595
G4244		5965	G4397		8230	G4537.5		14470	G4644.3		10600
G4249		5970	G4401.5		8270	G4538		14480	G4647		10625
G4250		6090	G4401.7		8275	G4538.5		14490	G4647.2		10630
G4252		6095	G4402.2		8245	G4539		14500	G4648		10635
G4254		6100	G4402.4		8250	G4540		14510	G4649		10640
G4255		6105	G4402.6		8255	G4540.2		14515	G4650		10650
G4256.6		6110	G4404		8265	G4548		14610	G4651		10660
G4256.8		6115	G4408		525	G4550		14620	G4651.1		10665
G4258		6120	G4410		540	G4551		14625	G4652		10670
G4258.2		6125	G4415		550	G4552		14520	G4652.2		10715
G4260		6215	G4416		8390	G4553		14525	G4653		10725
G4266		6220	G4416.1		8395	G4555		14530	G4653.4		10730
G4270		6225	G4417		8385	G4556		14535	G4654		10675
G4271		6230	G4417.5		555	G4561.6		9975	G4658		10760
G4272		6235	G4424		8610	G4564		9995	G4661		10780
G4274		6240	G4424.1		8615	G4565		10005	G4661.1		10785
G4279		6250	G4426		8625	G4570		10025	G4663		10805
G4292		6295	G4428		8640	G4587		14720	G4666		10820
G4294		6300	G4430		8660	G4587.2		14725	G4666.1		10825
G4296		6325	G4432		595	G4588		10105	G4668		10832
G4296.2		6330	G4460		8785	G4588.1		10110	G4669.4		10840
G4296.4		6335	G4460.1		8790	G4589		10095	G4670		10845
G4296.8		6345	G4460.5		8805	G4602		10185	G4671.4		10850
G4297		6350	G4460.51		8810	G4604		10195	G4672		10860
G4297.4		6365	G4462		8845	G4604.1		10200	G4673		10870
G4297.6		6370	G4462.1		8850	G4606		10175	G4674		10875
G4297.8		6375	G4463		8855	G4606.1		10180	G4674.1		10880
G4297.81		6380	G4463.1		8860	G4607		10215	G4675		10885
G4298		6390	G4464		8865	G4607.4		10230	G4676		10890
G4298.4		6440	G4464.1		8870	G4608		10235	G4677		10895
G4299		6465	G4466		8920	G4608.1		10240	G4682.2		10935
G4299.2		6470	G4472		620	G4608.4		10260	G4682.4		10940
G4299.21		6475	G4474		9235	G4609		10270	G4682.5		10945
G4299.4		6500	G4474.1		9240	G4610		10275	G4682.8		10950
G4299.8		6515	G4475		9255	G4616		10350	G4682.81		10955
G4300		6520	G4475.2		9265	G4617		10365	G4683		10970

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Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G4683.4		10975	G4711.6		11745	G4791.2		17563	G4895.2		18095
G4683.6		10980	G4712.6		11775	G4792		17565	G4896		18080
G4684		10985	G4718		700	G4794		17575	G4900		16980
G4684.1		10990	G4723.2		15230	G4796		17585	G4901		17045
G4684.2		11000	G4723.6		15240	G4802		16500	G4901.4		17050
G4684.8		11005	G4724		15410	G4803		16505	G4901.6		17060
G4685		11010	G4724.2		15420	G4804		16515	G4902.2		17055
G4685.1		11015	G4724.4		15435	G4804.7		17715	G4902.6		17065
G4685.4		11025	G4724.6		15445	G4805		17720	G4906		17070
G4686		11030	G4724.62		15450	G4806		17665	G4915.5		17165
G4686.1		11035	G4724.7		15480	G4806.4		17670	G4916		17160
G4686.4		11040	G4726		720	G4806.6		17675	G4918		17140
G4687		11050	G4730		15990	G4806.61		17680	G4923		17125
G4687.2		11055	G4730.2		15995	G4806.8		17690	G4924		17105
G4687.4		11060	G4731		16005	G4810		16545	G4924.2		17110
G4690		11065	G4731.2		16010	G4811		17725	G4924.4		17115
G4690.2		11130	G4731.4		16015	G4812		17730	G4924.6		17120
G4690.4		11135	G4731.5		16020	G4813		17735	G4932		17215
G4691		11140	G4731.52		16025	G4813.1		17740	G4934		17225
G4691.1		11145	G4732		15610	G4818.42		17745	G4936		17250
G4691.4		11150	G4732.1		15615	G4819		17800	G4940		17270
G4695.8		14900	G4732.2		15665	G4820		17805	G4942		17280
G4696		14905	G4732.21		15670	G4821		17820	G4942.6		17330
G4696.2		14910	G4732.3		15635	G4822		17840	G4943		17365
G4696.38		14935	G4732.4		15685	G4822.2		17845	G4950		17355
G4696.4		14940	G4732.5		15690	G4822.6		17855	G4952		17400
G4696.5		14945	G4733		15715	G4823		17850	G4956		17415
G4696.7		14955	G4733.1		15720	G4823.2		17860	G4958		17405
G4697.4		11270	G4733.3		15735	G4823.4		17865	G4960		17410
G4698		11280	G4733.31		15740	G4824		17870	G4962		17420
G4698.1		11285	G4733.6		15745	G4825		17900	G4964		17440
G4698.3		11290	G4734.84		15750	G4826.2		17875	G4968		17430
G4698.6		11305	G4734.9		15850	G4826.6		17897	G4968.1		17435
G4699		11405	G4734.91		15855	G4827		17905	G4968.8		17460
G4699.1		11410	G4735.2		15880	G4828		16550	G4969		17465
G4699.3		11415	G4735.3		15870	G4840.1		16675	G4969.4		17475
G4701.5		11470	G4735.31		15875	G4848		17930	G4970		17480
G4701.8		11475	G4735.4		15885	G4848.5		17945	G4970.1		17485
G4702		11480	G4735.6		15900	G4849		17950	G4976		18435
G4702.1		11485	G4741		15955	G4851		17965	G4978		18440
G4702.4		11490	G4741.1		15950	G4851.17		17980	G4982		18460
G4702.5		11495	G4746		735	G4851.4		17985	G4982.3		18465
G4702.8		11505	G4750		745	G4851.6		17990	G4983.2		18490
G4703		11510	G4751		16090	G4851.8		17995	G4986.41		18500
G4703.1		11515	G4752		16095	G4854.2		16770	G4987		18590
G4703.5		11530	G4753		16105	G4854.3		16775	G4988		18610
G4703.6		11535	G4753.2		16110	G4861.3		18000	G4990		18620
G4703.8		11545	G4756		760	G4861.6		18005	G5002		18625
G4704		11550	G4760		16160	G4862		18010	G5004		18630
G4704.1		11555	G4768		16280	G4865		16825	G5005.3		18645
G4704.4		11560	G4769.2		16300	G4866		16830	G5005.5		18670
G4705		11570	G4769.8		16310	G4867		16835	G5007		18710
G4705.1		11575	G4770		16320	G4873		16955	G5007.02		18715
G4706		11590	G4770.2		16325	G4882.4		16925	G5007.16		18725
G4706.2		11600	G4771		16330	G4885		16880	G5007.17		18730
G4708.1		11665	G4772		16335	G4885.1		16885	G5007.18		18735
G4708.6		11695	G4773		16445	G4886.4		16900	G5012		18760
G4708.9		11705	G4773.2		16450	G4886.5		16905	G5013		18820
G4709		11700	G4776		16400	G4888		16910	G5024.1		18825
G4709.1		11720	G4778		16375	G4890		16915	G5026		18885
G4710		11710	G4780		16380	G4892		18070	G5030		18890
G4710.6		11725	G4784		16475	G4893		18075	G5032		18895
G4711		11730	G4784.8		16480	G4894		18085	G5034		19325
G4711.1		11735	G4791		17562	G4895		18090	G5036		19350

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Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G5036.4		19360	G5154		19950	G5419		20510	G6002		21840
G5036.42		19365	G5154.5		19955	G5419.4		20515	G6002.4		21920
G5037		19370	G5160		19980	G5420		20520	G6003		21925
G5038		19395	G5160.1		19985	G5426		20500	G6004		21930
G5039		18960	G5160.9		19975	G5485		20525	G6006		21940
G5039.4		18955	G5161		19970	G5486		20535	G6008		21935
G5046		18948	G5172		930	G5488		20540	G6009		21945
G5046.4		18995	G5178		925	G5492		20460	G6012		22030
G5047		19010	G5198		905	G5807		21770	G6014		22050
G5048		19015	G5219		860	G5808		21780	G6015		22055
G5048.6		18985	G5224		850	G5808.2		21785	G6016		22085
G5048.7		19055	G5242		820	G5808.4		21795	G6016.2		22090
G5048.8		19060	G5246		810	G5813		21805	G6017		22060
G5049		19075	G5247		805	G5814		21820	G6018		22120
G5050		19070	G5249		800	G5816		21825	G6019		22125
G5051		19085	G5256		790	G5818		21830	G6020		22115
G5060.2		19171	G5257		795	G5820		21810	G6032		22135
G5060.3		19172	G5279		785	G5822		21815	G6034		22225
G5061		19465	G5280		780	G5826		935	G6034.5		22235
G5063		16460	G5290		16180	G5828		940	G6035		22205
G5064		19425	G5292		16195	G5854		975	G6035.2		22200
G5064.4		19415	G5296		16210	G5856		980	G6035.3		22215
G5065		19435	G5300		16225	G5857		965	G6035.4		22210
G5067		19470	G5306		16245	G5858		970	G6035.6		22220
G5068		19450	G5307		16255	G5859		960	G6038		22245
G5082		19185	G5310		16260	G5860		955	G6042		22255
G5083		19195	G5312		16250	G5861		950	G6043		22265
G5084		19200	G5328		16265	G5862		945	G6044		22280
G5086		19215	G5334		16270, 19685	G5863.8		21870	G6045		22295
G5089.3		19240	G5335		19695	G5864		21860	G6046		22300
G5089.31		19245	G5336		19705	G5866		21865	G6048		22305
G5090		19235	G5337		19710	G5884		21880	G6052		22330
G5092		19250	G5337.5		19715	G5888		21900	G6060		22350
G5092.3		19260	G5338		19720	G5889		21905	G6063		22340
G5105		19275	G5339		19780	G5910		21850	G6064		22335
G5106		19525	G5340		19790	G5914		21855	G6068		22360
G5107		19880	G5340.4		19785	G5916		24350	G6070		22365
G5108		19530	G5340.6		19795	G5918		24360	G6072		22370
G5120		19540	G5357.4		19800	G5920		24365	G6097		22445
G5122		19545	G5358		19810	G5924		985	G6098		22530
G5124		19555	G5360		20370	G5928		24420	G6098.4		22540
G5125		19560	G5362		20365	G5930		24430	G6099		22545
G5125.4		19585	G5364		20355	G5935		24435	G6100		22460
G5126		19590	G5365		20360	G5936		24440	G6102		22475
G5128		19605	G5366		20345	G5938		24395	G6105		22470
G5128.2		19615	G5367		20350	G5940		24410	G6106		22480
G5128.3		19620	G5368		20325	G5944		24450	G6108		22490
G5129		19635	G5369		20335	G5945		1000	G6110		22495
G5130		19640	G5371		20320	G5946		1005	G6112		22510
G5131		19645	G5373		20330	G5947		24465	G6116		1015
G5132		19650	G5378		20380	G5948		24475	G6118		23445
G5133		19655	G5378.6		20410	G5949		24485	G6123		23425
G5134		19660	G5379		20405	G5950		24635	G6124		23405
G5135		19675	G5380		20420	G5950.2		24625	G6126		23385
G5136		19750	G5382		20395	G5951		24570	G6128		23380
G5140		19805	G5383		20390	G5954		1010	G6130		23370
G5142		19825	G5384		20385	G5958		24730	G6132		23295
G5146		19890	G5386		20400	G5961		24755	G6136		23290
G5147		19895	G5388		20450	G5962		24780	G6138		22730
G5147.4		19900	G5394		20435	G5990		22005	G6140		22520
G5147.5		19905	G5394.1		20440	G5992		22000	G6141		22745
G5148		19920	G5400		20470	G5994		22010	G6141.4		22760
G5149		19930	G5401		20480	G5996		21995	G6156.4		22700
G5152		19965	G5414		20490	G5998		21990	G6157		22620

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Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G6158		22610	G6284		23435	G6454		23645	G6582		1100
G6160		22600	G6286		1020	G6455		23650	G6585		25455
G6162		22570	G6292		1025	G6456		23655	G6586		25460
G6164		22555	G6315		23470	G6458		23775	G6587		25465
G6166		22670	G6316		23510	G6458.2		23785	G6588		25470
G6166.2		22675	G6318		23515	G6458.4		23790	G6590		25450
G6166.4		22685	G6319		23520	G6458.5		23795	G6592		1125
G6168		22825	G6320		23525	G6460		23800	G6594		1120
G6170		22830	G6322		23540	G6462		23665	G6599		25980
G6171		22835	G6326		23530	G6465.4		23675	G6600		25975
G6172		22840	G6328		23985	G6465.5		23710	G6601		25970
G6174		22845	G6329		23990	G6466		23725	G6602		25965
G6175		22850	G6332		25315	G6467		23740	G6604		25945
G6176		22865	G6333		25310	G6468		23770	G6606		25920
G6180		22890	G6334		25275	G6472		23803	G6610		25915
G6181		22900	G6335		25300	G6473		23805	G6614		25925
G6181.1		22905	G6335.5		25295	G6474		23815	G6616		25910
G6181.4		22795	G6336		25285	G6476		24130	G6618		25905
G6181.6		22800	G6338		25305	G6477		24120	G6620		25860
G6182		22815	G6342		25260	G6478		24125	G6622		25865
G6193		22895	G6342.5		25265	G6479		24135	G6624		25870
G6194		22965	G6343		25255	G6480		24140	G6632		25875
G6196		22970	G6343.5		25245	G6481		24150	G6633		25845
G6202		22975	G6344		25240	G6481.2		24155	G6634		25850
G6203		22980	G6345		25230	G6482		24160	G6636		25535
G6203.1		22985	G6346		25225	G6484		24175	G6640		25560
G6204		22990	G6347		25215	G6488		24180	G6640.5		25565
G6206		23000	G6354		1035	G6490		24205	G6641		25570
G6208		23025	G6362		24065	G6492		24195	G6642		25545
G6210		23030	G6364		24070	G6492.5		24200	G6643		25650
G6212		23035	G6366		24080	G6496		24235	G6645		25605
G6214		23045	G6368		24085	G6498		24225	G6646		25625
G6218		23055	G6370		24100	G6500		24230	G6647		25610
G6219		23060	G6372		24105	G6511.5		24315	G6648		25630
G6220		23070	G6374		24115	G6511.7		24310	G6650		25510
G6224		23080	G6378		24895	G6512		25395	G6651		25525
G6228		23085	G6384		1030	G6513		25390	G6651.5		25530
G6229		23095	G6386		24915	G6513.2		25380	G6651.7		1130
G6230		23100	G6388		24925	G6513.5		25375	G6652		25655
G6234		23105	G6389		24945	G6514		1075	G6653		25665
G6235		23110	G6392		24950	G6518		1065	G6654		25670
G6236		23120	G6393		24955	G6520		1055	G6655		25705
G6238		23125	G6394		24960	G6524		23975	G6655.2		25715
G6240		23130	G6394.4		24970	G6526		23970	G6655.3		25725
G6240.1		23170	G6394.6		24975	G6527		23965	G6660		25780
G6244		23175	G6397		25005	G6527.5		23960	G6660.2		25785
G6248		23190	G6398		25015	G6528		23955	G6660.6		25800
G6250		22775	G6402		25055	G6530		23945	G6661		25815
G6252		22785	G6402.2		25060	G6534		23825	G6661.2		25820
G6254		23215	G6407.4		25065	G6535		23840	G6661.4		25825
G6256		23240	G6414		1040	G6536		23855	G6662		1145
G6258		23245	G6422		23575	G6538		23850	G6663		1140
G6260		23250	G6424		23580	G6540		23860	G6666		25995
G6264		23260	G6427		23265	G6541		23865	G6668		26000
G6268		23570	G6428		23270	G6542		23870	G6669		26005
G6269		23565	G6430		23275	G6543		23880	G6670		26020
G6270		23555	G6432		23280	G6544		23885	G6671		26025
G6271		23550	G6434		23595	G6545		23890	G6671.2		26040
G6271.3		23315	G6436		23600	G6546		23895	G6671.3		26050
G6271.5		23325	G6438		23605	G6548		23905	G6671.4		26045
G6272		23340	G6440		23610	G6558		23910	G6674		1150
G6273		23350	G6446		23615	G6558.1		25410	G6678		26055
G6274		23360	G6448		23640	G6560		1085	G6684		1155
G6276		23545	G6450		23620	G6564		25440	G6688		1160

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Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G6704		26075	G6874		27130	G7202.1		28065	G7334.1		29145
G6704.2		26170	G6876		27135	G7209		28040	G7338		29170
G6707		26190	G6878		27145	G7210		28030	G7342		29185
G6708		26200	G6880		27155	G7212		28025	G7342.1		29190
G6709		26210	G6882		27170	G7214		28020	G7363		29245
G6709.2		26215	G6885		27180	G7218		28015	G7363.1		29250
G6709.4		26225	G6886		27185	G7222		28010	G7363.3		29265
G6710		26230	G6887		27190	G7226		28325	G7363.5		29275
G6714		26250	G6888		27195	G7228		28270	G7363.6		29280
G6724		26275	G6890		27230	G7229		28285	G7363.7		29290
G6725		26255	G6892		27220	G7229.1		28290	G7364		29295
G6726		26280	G6896		27205	G7229.2		28310	G7364.2		29300
G6727		26300	G6897		27300	G7229.3		28315	G7364.3		29305
G6728		26285	G6897.2		27325	G7229.4		28320	G7364.4		29310
G6728.4		26295	G6897.4		27405	G7230		28220	G7366		29315
G6729		26310	G6897.6		27410	G7231		28215	G7366.1		29320
G6731		26325	G6898		27415	G7232		28195	G7370		29380
G6731.4		26340	G6899		27420	G7232.4		28205	G7370.1		29385
G6732		26345	G6899.2		27425	G7234		28185	G7375		29405
G6733		26335	G6902		1200	G7235		28155	G7376		29410
G6740.4		26410	G6912		1220	G7236		28150	G7377		29420
G6740.41		26415	G6916		1230	G7240		28145	G7378		29430
G6740.6		26435	G6920		1235	G7242		28140	G7380		29435
G6740.61		26440	G6922		1240	G7248		28130	G7382		29440
G6743		26445	G6956.4		27530	G7249		28135	G7384		29450
G6754		1165	G6956.6		27540	G7252		28515	G7386		29455
G6760		1170	G6960		27555	G7254		28410	G7388		29460
G6764		26465	G6960.3		27560	G7258		28405	G7390		29465
G6766		27050	G6961		27575	G7260		28415	G7392		29470
G6770		27035	G6961.3		27580	G7262		28420	G7394		29495
G6776		27010	G6962		1245	G7262.1		28425	G7396		29500
G6778		26505	G6976		1250	G7266		28460	G7398		29525
G6784		26490	G6982		1255	G7267		28470	G7400		29530
G6786		26495	G6984		1260	G7267.1		28475	G7410		29510
G6788		26510	G6988		1265	G7270		28330	G7410.1		29515
G6790		26525	G6990.6		27785	G7274		28340	G7414		29570
G6792		26535	G6992		27795	G7274.1		28345	G7430		29650
G6794		27020	G6995		27800	G7280		28350	G7442		29675
G6795		27025	G7000		27810	G7282		28355	G7443		29680
G6808		26925	G7000.1		27815	G7286		28385	G7443.1		29685
G6809		26935	G7004		1285	G7288		28390	G7450		29690
G6811		26910	G7009		1290	G7290		28580	G7450.5		29695
G6813		26855	G7010		1295	G7292		28575	G7482		29755
G6813.2		26860	G7011		1300	G7296		28670	G7484		29770
G6813.4		26865	G7012		1305	G7306		28605	G7488		29700
G6813.8		26875	G7013		1310	G7306.1		28610	G7488.1		29810
G6820		1185	G7030		1315	G7316		28535	G7498		29740
G6821		26630	G7034		1320	G7318		28555	G7500		29735
G6821.5		26640	G7040		1325	G7321		28520	G7502.6		29910
G6822.8		26745	G7046		27920	G7322.9		28715	G7504		29905
G6822.82		26740	G7048		27925	G7323		28710	G7508		29865
G6826		26680	G7062		1335	G7323.1		28720	G7520		29850
G6828		26765	G7082		1340	G7324		28675	G7540		29935
G6828.1		26770	G7084		1345	G7325.4		28810	G7584		29950
G6830		26590	G7088		1350	G7325.5		28815	G7584.1		29955
G6831		26580	G7090		27980	G7325.7		28825	G806A		27030
G6832		26560	G7102		1355	G7325.72		28860	K4573		30240
G6844		27060	G7106		1360	G7325.75		28875	K4574		30235
G6854		27125	G7119		1365	G7325.76		28880	K4576		30185
G6858		27120	G7120		27985	G7326		28925	K4580		30190
G6860		27080	G7124		27995	G7328		29060	K4580.1		30195
G6862		27105	G7127		28000	G7332		29100	K4588		30175
G6863		27110	G7200		28050	G7332.1		29105			
G6870		27100	G7202		28060	G7334		29140			

CROSS REFERENCE - INTERNATIONAL vs. U.S. LIGHT NUMBER

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
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