



PUB. 111
LIST OF LIGHTS

RADIO AIDS AND FOG SIGNALS

2014

THE WEST COASTS OF NORTH AND
SOUTH AMERICA (EXCLUDING
CONTINENTAL U.S.A. AND HAWAII),
AUSTRALIA, TASMANIA, NEW ZEALAND,
AND THE ISLANDS OF THE NORTH AND
SOUTH PACIFIC OCEANS

IMPORTANT

**THIS PUBLICATION SHOULD BE CORRECTED
EACH WEEK FROM THE NOTICE TO MARINERS**



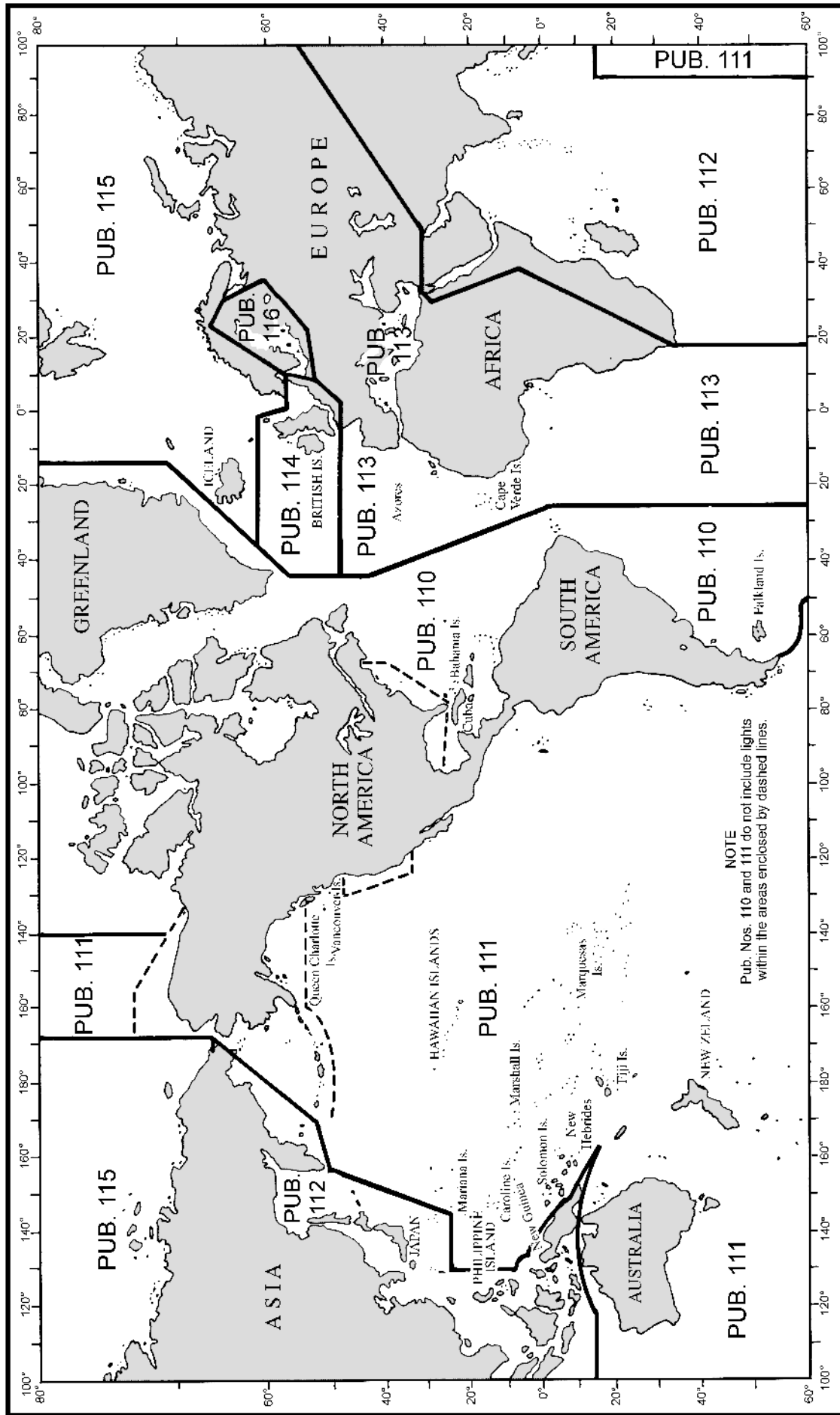
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Springfield, VA

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LIST OF LIGHTS LIMITS NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY



111

LIGHTS

PACIFIC

2014

WARNING ON USE OF FLOATING AIDS TO NAVIGATION TO FIX A NAVIGATIONAL POSITION

The aids to navigation depicted on charts comprise a system consisting of fixed and floating aids with varying degrees of reliability. Therefore, prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid.

The buoy symbol is used to indicate the approximate position of the buoy body and the sinker which secures the buoy to the seabed. The approximate position is used because of practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecisions in position fixing methods, prevailing atmospheric and sea conditions, the slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying lengths of chain, and the fact that buoy and/or sinker positions are not under continuous surveillance but are normally checked only during periodic maintenance visits which often occur more than a year apart. The position of the buoy body can be expected to shift inside and outside the charting symbol due to the forces of nature. The mariner is also cautioned that buoys are liable to be carried away, shifted, capsized, sunk, etc. Lighted buoys may be extinguished or sound signals may not function as the result of ice or other natural causes, collisions, or other accidents.

For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Further, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction the buoy marks.

PREFACE

The 2014 edition of Pub. 111, List of Lights, Radio Aids and Fog Signals for the West Coasts of North and South America (excluding Continental U.S.A. and Hawaii), Australia, Tasmania, New Zealand and the Islands of the North and South Pacific Oceans, cancels the previous edition of Pub. 111.

This edition contains information available to the National Geospatial-Intelligence Agency (NGA) up to 31 May 2014, including Notice to Mariners No. 22 of 2014.

A summary of corrections subsequent to the above date will be in Section II of the Notice to Mariners which announced the issuance of this publication.

In the interval between new editions, corrective information affecting this publication will be published in the Notice to Mariners and must be applied in order to keep this publication current.

Nothing in the manner of presentation of information in this publication or in the arrangement of material implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and Territories.

RECORD OF CORRECTIONS PUBLISHED IN WEEKLY NOTICE TO MARINERS

NOTICE TO MARINERS

YEAR 2014				YEAR 2015			
1.....	14.....	27.....	40.....	1.....	14.....	27.....	40.....
2.....	15.....	28.....	41.....	2.....	15.....	28.....	41.....
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INTRODUCTION

The National Geospatial-Intelligence Agency publishes a List of Lights, Radio Aids and Fog Signals in seven volumes divided geographically as shown on the index chartlet on the inside front cover of this book. Major fixed and outermost floating aids to navigation, such as sea buoys, safety fairway buoys, traffic separation buoys, etc., are listed. Other floating aids are not generally listed. Storm signals, signal stations, radio direction finders, radiobeacons, RACONs and RAMARKs located at or near lights are found in this List. Radiobeacons are listed in a separate section in the back of this publication.







The date to which this publication has been corrected can be found in the Preface. In the interval between new editions, corrective information affecting this publication will be published in Section II of Notice to Mariners, and must be applied to keep this publication current. All of these corrections should be applied in the appropriate places and their insertion noted in the "Record of Corrections."

Mariners and other users are requested to forward new or corrective information useful in the correction of this publication to:

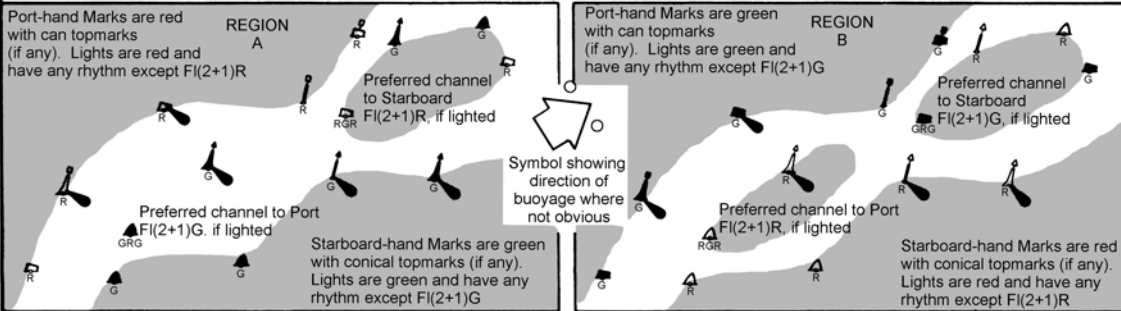
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SPRINGFIELD VA 22150-7500

Buoys and Beacons IALA* Buoyage System

Where in force, the IALA System applies to all fixed and floating marks and occasionally lighthouses, sector lights, range marks, lightships and LANBY's (large automatic navigational buoys).

The standard buoy shapes are cylindrical (can) , conical , spherical , pillar (including high focal plane) , and spar , but variations may occur, for example lightfloats . In the illustrations below, only the standard buoy shapes are used. In the case of fixed beacons (lighted or unlighted), only the shape of the topmark is of navigational significance.

Lateral Marks (used in conjunction with a conventional direction of buoyage) are generally for well-defined channels. There are two international Buoyage Regions-A and B-where Lateral marks differ.



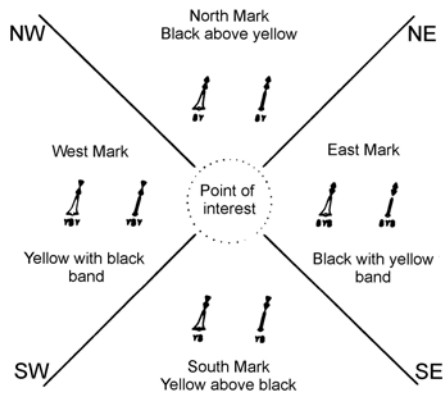
A preferred channel buoy may also be a pillar or a spar All preferred channel marks have three horizontal bands of color

All marks other than Lateral Marks are the same in REGIONS A and B

UNLIGHTED MARKS

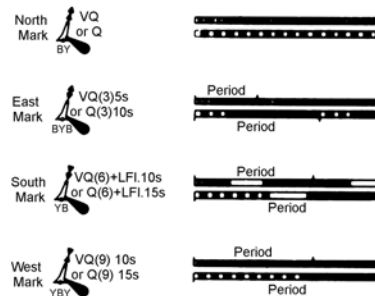
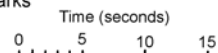
Topmark 2 black cones

Cardinal Marks indicating navigable water to the named side of the marks



LIGHTED MARKS

White light



* The same abbreviations are used for lights on spar buoys and beacons The periods, 5s, 10s and 15s, may not always be charted.

Isolated Danger Marks, stationed over dangers with navigable water around them.

Body black with red band (s)
Topmark: 2 black balls



FI(2)

White light

Safe Water Marks, such as mid-channel and landfall marks.

Body red and white stripes
Topmark (if any): red ball



Iso, or Oc, or L Fl.10s, or Mo (A)

White light



Special Marks, not primarily to assist navigation but to indicate special features.

Body (shape optional): yellow
Topmark (if any) yellow X



Fl. Y etc

Yellow light

BEACONS with IALA System topmarks are charted by upright symbols. eg:  (minor beacon) or, on smaller-scale charts: 

Beacon towers are charted:  (occasionally lighted)

RADAR REFLECTORS on buoys and beacons are not generally charted.

COLOR ABBREVIATIONS under symbols, especially those of spar buoys, may be omitted, or may be at variance with symbols shown above.

LIGHTFLOATS: The IALA System is not usually applied to large lightfloats (replacing manned lightships) but may be applied to smaller lightfloats.

* IALA is an abbreviation of International Association of Lighthouse Authorities

THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY MARITIME SAFETY WEB SITE

The National Geospatial-Intelligence Agency (NGA) Marine Safety Web site provides worldwide remote query access to extensive menus of maritime safety information 24 hours a day.

Databases made available for access, query and download include Notice to Mariners, Publications, Broadcast Warnings, Office of Naval Intelligence (ONI) Reports, Anti-Shipping Activity Messages (ASAMs), Arctic Maritime Safety Information (AMSI) Reports, Mobile Offshore Drilling Units (MODUs), Product Catalog and Miscellaneous Products. Publications that are also made available as PDF files include the U.S. Notice to Mariners, U.S. Chart No. 1, The American Practical Navigator (Bowditch), International Code of Signals, Radio Navigational Aids, World Port Index, Distances Between Ports, Sight Reduction Tables for Marine and Air Navigation, Radar Navigation and Maneuvering Board Manual.

The Maritime Safety Web site can be accessed via the NGA Homepage (www.nga.mil) under the Products and Services link or directly at <http://msi.nga.mil/NGAPortal/MSI.portal>. Any questions concerning the Maritime Safety Web site should be directed to:

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ATTN: NSS STAFF
N64-SH
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
7500 GEOINT DRIVE
SPRINGFIELD, VA 22150-7500

Telephone: (1) 571-557-7103 or DSN 547-7103
E-mail: webmaster_nss@nga.mil

DESCRIPTION

(Lights, Buoys, RACONs, RAMARKs)

Information is tabulated in eight columns as follows:

Column 1: The number assigned to each light, RACON or RAMARK by this Agency. International numbers are listed below this number in italic type and in a cross reference in the back of the book. RACONs and RAMARKs located at a light are listed with the light. Those not located at a light are assigned separate numbers.

Column 2: Name and descriptive location of the light or buoy, RACON or RAMARK. A dash (-) or dashes (--) in this column is used to reduce repetition of principal geographic names. This column is intended to describe the location of the navigational aid and to distinguish it from others in proximity. Differences in type indicate the following:

Bold-faced: Lights intended for landfall or having a visibility (range) of 15 miles or more.

Italics: Floating aids.

ITALICS CAPITALS: Lightships and LANBYs.

Roman: All other lights not mentioned above.

Column 3: Approximate latitude and longitude of a navigational aid to the nearest tenth of a minute, intended to facilitate chart orientation (use column 2 and the appropriate chart for precise positioning).

Column 4: Light, buoy, RACON or RAMARK characteristic (see Characteristics of Lights chart for explanation of lights).

Column 5: Height of light in feet (Roman type) equivalent measurement (below) given in meters (Bold-faced type).

Column 6: Range. The distance, expressed in nautical miles, that a light can be seen in clear weather or that a RACON or RAMARK can be received.

Column 7: Description of the structure and its height in feet.

Note—Stripes are vertical. Bands are horizontal. The use of the term “diagonal stripes” is the exception.

Column 8: Remarks—sectors, fog signals, radar reflectors, minor lights close by, radiobeacons, storm signals, signal stations, radio direction finders, and other pertinent information.

Geographic names or their spellings do not necessarily reflect recognition of the political status of an area by the United States Government.

The names of lights may differ from geographic names

on charts.

ABBREVIATIONS


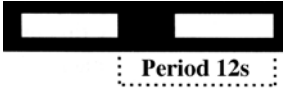


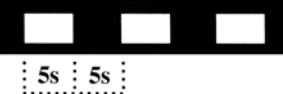





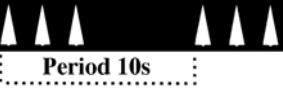


Where the lights of different countries intermingle in the list they are distinguished by the following letters:






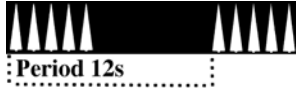





(A.)	Argentina	(Hon.)	Honduras
(Aus.)	Australia	(M.)	Mexico
(C.)	Chile	(Nic.)	Nicaragua
(Can.)	Canada	(N.Z.)	New Zealand
(Col.)	Columbia	(P.)	Panama
(C.R.)	Costa Rica	(Sal.)	El Salvador
(F.)	France	(U.K.)	United Kingdom
(Gu.)	Guatemala	(U.S.)	United States

Other abbreviations:

Al.—alternating	It.—lit
bl.—blast	Mo.—Morse code
Bu.—blue	min.—minute
Dir.—directional	obsc.—obscured
ec.—eclipsed	Oc.—occulting
ev.—every	Or.—orange
F.—fixed	Q.—quick flashing
Fl.—flashing	R.—red
fl.—flash	s.—seconds
G.—green	si.—silent
horiz.—horizontal	U.Q.—ultra quick flashing
intens.—intensified	unintens.—unintensified
I.Q.—interrupted quick flashing	vert.—vertical
Iso.—isophase	Vi.—violet
I.V.Q.—interrupted very quick flashing	vis.—visible
Km.—kilometer (0.62137 mile)	V.Q.—very quick flashing
L.Fl.—long flashing	W.—white
	Y.—yellow

CHARACTERISTICS OF LIGHTS

TYPE	ABBR.	GENERAL DESCRIPTION	ILLUSTRATION
Fixed	F.	A continuous and steady light.	
Occulting	Oc.	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. Eclipse regularly repeated.	
Group occulting	Oc.(2)	An occulting light for which a group of eclipses, specified in number, is regularly repeated.	
Composite group occulting	Oc.(2+1)	A light similar to a group occulting light except that successive groups in a period have different numbers of eclipses.	
Isophase	Iso.	A light for which all durations of light and darkness are clearly equal.	
Flashing	Fl.	A light for 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 (at a rate of less than 50 flashes per minute).	
Long flashing	L.Fl.	A single flashing light for which an appearance of light of not less than 2 sec. duration (long flash) is regularly repeated.	
Group flashing	Fl.(3)	A flashing light for which a group of flashes, specified in number, is regularly repeated.	
Composite group flashing	Fl.(2+1)	A light similar to a group flashing light except that successive groups in a period have different numbers of flashes.	
Quick flashing	Q.	A light for which a flash is regularly repeated at a rate of not less than 50 flashes per minute but less than 80 flashes per minute.	
Group quick flashing	Q.(3)	A light for which a specified group of flashes is regularly repeated; flashes are repeated at a rate of not less than 50 flashes per minute but less than 80 flashes per minute.	
	Q.(9)		
	Q.(6)+L.Fl.		

TYPE	ABBR.	GENERAL DESCRIPTION	ILLUSTRATION
Interrupted quick flashing	I.Q.	A light for which the sequence of quick flashes is interrupted by regularly repeated eclipses of constant and long duration.	
Very quick flashing	V.Q.	A light for which a flash is regularly repeated at a rate of not less than 80 flashes per minute but less than 160 flashes per minute.	
Group very quick flashing	V.Q.(3)	A light for which a specified group of very quick flashes is regularly repeated.	
	V.Q.(9)		
	V.Q.(6)+L.Fl.		
Interrupted very quick flashing	I.V.Q.	A light for which the sequence of very quick flashes is interrupted by regularly repeated eclipses of constant and long duration.	
Ultra quick flashing	U.Q.	A light for which a flash is regularly repeated at a rate of not less than 160 flashes per minute.	
Interrupted ultra quick flashing	I.U.Q.	A light for which the sequence of ultra quick flashes is interrupted by regularly repeated eclipses of constant and long duration.	
Morse code	Mo.(U)	A light for which appearances of light of two clearly different durations are grouped to represent a character or characters in Morse Code.	
Fixed and flashing	F.Fl.	A light for which a fixed light is combined with a flashing light of greater luminous intensity.	
Alternating light	Al.	A light showing different colors alternately.	

NOTE - Alternating lights may be used in combined form with most of the previous types of lights.

NOMENCLATURE OF LIGHTS

Lights exhibit a distinctive appearance by which they are recognized, e.g. Fixed, Flashing, Group Flashing, etc. The properties of their appearance, by which they are distinguished, are referred to as the *characteristics* of the light. The principal characteristics are generally the sequence of intervals of light and darkness, and, in some cases, the sequence of colors of light exhibited.

Fixed lights—those which exhibit a continuous steady light.

Rhythmic lights—those which exhibit a sequence of intervals of light and eclipse (repeated at regular intervals) in a manner described in Chart No. 1 and this volume.

Alternating lights—rhythmic lights which exhibit different colors during each sequence.

Period of a light—the time occupied by an entire cycle of intervals of light(s) and eclipse(s).

Range: Meteorological visibility—the greatest distance at which a black object of suitable dimensions can be seen and recognized against the horizon sky or, in the case of night observations, could be seen and recognized if the general illumination were raised to the normal daylight level.

Luminous range of a light—the greatest distance at which a light can be seen merely as a function of its luminous intensity, the meteorological visibility, and the sensitivity of the observer's eyes.

Nominal range of the light—the luminous range of a light in a homogeneous atmosphere in which the meteorological visibility is 10 nautical miles.

Geographical range of a light—the greatest distance at which a light can be seen as a function of the curvature of the earth, the height of the light source and the height of the observer.

The visibility of a light is usually the distance that it can be seen in clear weather and is expressed in nautical miles. Visibilities listed are values received from foreign sources.

Range lights—two or more lights at different elevations, so situated to form a range (leading line) when brought into transit. The light nearest the observer is the *front light* and the one farthest from the observer is the *rear light*. The front light is normally at a lower elevation than the rear light.

Directional lights—lights illuminating a sector of very narrow angle and intended to mark a direction to be followed.

Vertical lights—Two or more lights disposed vertically or geometrically to form a triangle, square, or other figure. If the individual lights serve different purposes, those of lesser importance are called *Auxiliary lights*.

Occasional lights—lights exhibited only when specially needed:

(a) *Tidal light*—shown at the entrance of a harbor, to indicate tide and tidal current conditions within the harbor.

(b) *Fishing light*—for the use of fishermen and shown when required.

(c) *Private light*—maintained by a private authority for its own purposes. The mariner should exercise special caution when using a private light for general navigation.

Seasonal lights—usually shown only during the navigation season or for a lesser time period within that season.

Articulated lights—offshore aids to navigation consisting of a length of pipe attached directly to a sinker by means of a pivot or such other device employing the principle of the universal joint. The positional integrity is intermediary between that of a buoy and a fixed aid.

Aeronautical lights—lights of high intensity which may be the first lights observed at night from vessels approaching the coast. Those lights situated near the coast are listed in the List of Lights in order that the navigator may be able to obtain more information concerning their description.

These lights are not designed or maintained for marine navigation and they are subject to change without prompt notification.

These lights are indicated in this List by the designation AVIATION LIGHT and are placed in geographical sequence in the body of the text along with lights for surface navigation.

Aeromarine lights—marine-type lights for which part of the beam is deflected to an angle of 10 to 15 degrees above the horizon to facilitate use by aircraft.

Sector limits and arcs of visibility—these are arranged clockwise and are given from seaward toward the light. Thus, in the diagram, the sectors of the light are defined as: obscured from shore to 302°, red to 358°, green to 052°, white to shore. These are bearings of the light as seen from a vessel crossing the sector lines.

Under some conditions of the atmosphere, white lights may have a reddish hue. The mariner should not judge solely by color where there are sectors but should verify this position by taking a bearing of the light. On either side of the line of demarcation between white and red there is always a small sector of uncertain color, as the edges of a sector of visibility cannot be clearly defined.

When a light is obscured by adjoining land and the arc of visibility is given, the bearing on which the light disappears may vary with the distance from which it is observed. When the light is cut off by a sloping point of land or hill, the light may be seen over a wider arc by a ship farther off than by one closer.

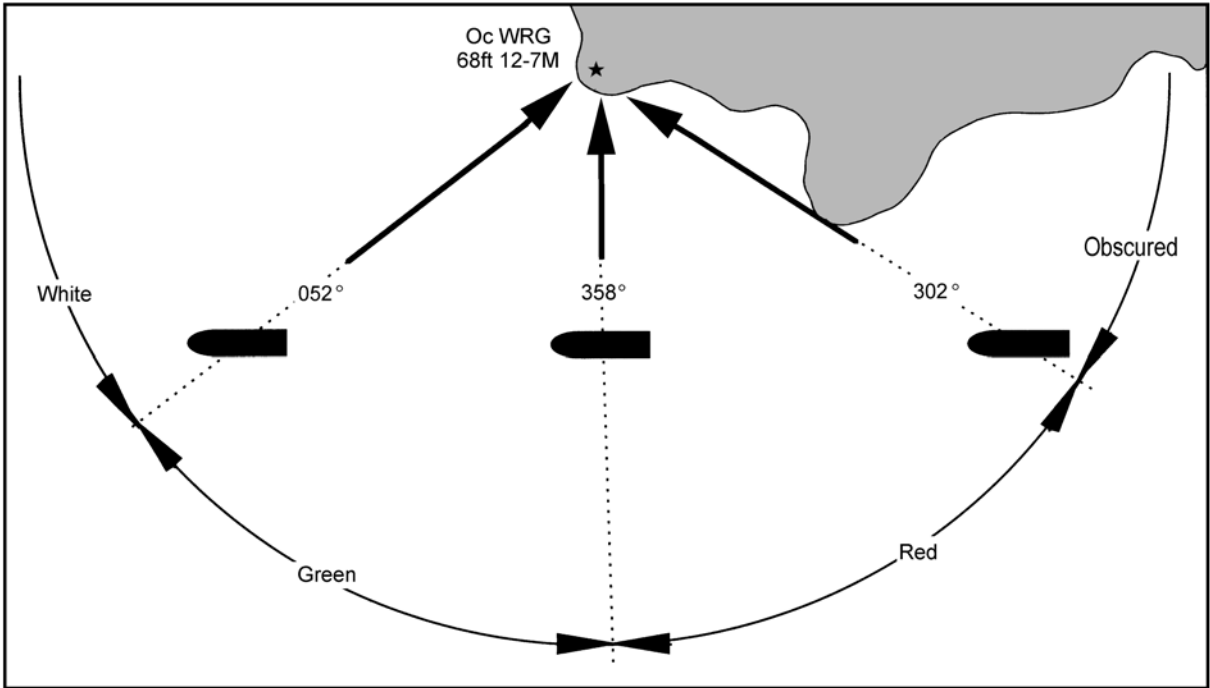
Bearings—all bearings are true, measured clockwise from 000°, and given in degrees or degrees and minutes.

Oil drilling and production platforms in *Canadian* waters exhibit a Q.W. light and sound a horn every 20 seconds.

Many of the navigational lights for *Ecuador, Colombia, Panama, Costa Rica, Nicaragua, El Salvador, and Guate-*

mala have been reported as irregular or unreliable. Navigational lights for *Antarctica* and the *South Shetland*

Islands are unreliable.



LIGHTSHIPS, SUPERBUOYS, AND OFFSHORE LIGHT STATIONS

Courses should be set to pass all floating aids to navigation with sufficient clearance to avoid the possibility of collision from any cause. Experience shows that floating aids to navigation cannot be safely used as leading marks to be passed close aboard, but should always be left broad off the course, whenever searoom permits.

When approaching a lightship, superbuoy, or a station on a submarine site on radio bearings, the risk of collision will be avoided by insuring that the radio bearing does not remain constant.

Most lightships and large buoys are anchored with a very long scope of chain and, as a result, the radius of their swinging circle is considerable. The charted position is the location of the anchor. Furthermore, under certain conditions of wind and current, they are subject to sudden and unexpected sheers which are certain to hazard a vessel attempting to pass close aboard.

During extremely heavy weather and due to their

exposed locations, lightships may be carried off station. The mariner should, therefore, not implicitly rely on a lightship maintaining its precisely charted position during and immediately following severe storms. A lightship known to be off station will secure her light, fog signal, and radiobeacon and fly the International Code signal "LO" signifying "I am not in my correct position."

Major light stations of Canada, which exhibit the main light 24 hours per day, are being equipped with an emergency light which is brought into service automatically throughout the hours of darkness in the event of failure of the main light. This emergency light has a standard characteristic of Group Flashing (6) White 15 sec., i.e. six flashes of 1/2 second duration followed by a period of darkness (eclipse) of 7 seconds. It will normally (on a dark night with a clear atmosphere) be visible at 2 nautical miles. The presence of such emergency lights is shown in column (8) of the List of Lights and Fog Signals.

FOG SIGNALS

The function of a fog signal in the system of aids to navigation is to warn of danger and to provide the mariner with an audible means of approximating his position relative to the fog signal when the station, or any visual signal which it displays, is obscured from view by atmospheric conditions.

Fog signals depend upon the transmission of sound through air. As aids to navigation, they have certain inherent defects that should be considered. Sound travels through the air in a variable and frequently unpredictable manner.

It has been established that:

fog signals are heard at greatly varying distances and that the distance at which a fog signal can be heard may vary with the bearing of the signal and may be different on different occasions;

under certain conditions of atmosphere, when a fog signal has a combination of high and low tones, it is not unusual for one of the tones to be inaudible. In the case of sirens, which produce a varying tone, portions of the blast may not be heard;

there are occasionally areas close to the signal in which it is wholly inaudible. This is particularly true when the fog signal is screened by intervening land or other obstructions;

fog may exist a short distance from a station and not be observable from it, so that the signal may not be in operation;

even though a fog signal may not be heard from the deck or bridge of a ship when the engines are in motion, it may be heard when the ship is stopped, or from a quiet position. Sometimes it may be heard from aloft though not on deck;

the intensity of the sound emitted by a fog signal may be greater at a distance than in immediate proximity.

All these considerations point to the necessity for the utmost caution when navigating near land in fog. Particular attention should be given to placing lookouts in positions in which the noises in the ship are least likely to interfere with hearing a fog signal. Fog signals are valuable as warnings, but the mariner should not place implicit reliance upon them in navigating his vessel. They should be considered solely as warning devices.

Among the devices in common use as fog signals are:

Radiobeacons which broadcast simple dot-and-dash combinations by means of a transmitter emitting modulated continuous waves;

Diaphones which produce sound by means of a slotted reciprocating piston actuated by compressed air. Blasts

may consist of two tones of different pitch, in which case the first part of the blast is high and the last of a low pitch. These alternate pitch signals are called "two-tone;"

Diaphragm horns which produce sound by means of a diaphragm vibrated by compressed air, steam, or electricity. Duplex or triplex horn units of differing pitch produce a chime signal;

Nautophones, electrically operated instruments, each comprising a vibrating diaphragm, fitted with a horn, which emits a high note similar in power and tone to that of the reed;

Reed horns which produce sound by means of a steel reed vibrator by compressed air;

Sirens which produce sound by means of either a disk or a cup-shaped rotor actuated by compressed air or electricity;

Whistles which produce sound by compressed air emitted through a circumferential slot into a cylindrical bell chamber;

Bells which are sounded by means of a hammer actuated by hand, wave motion, by a descending weight, compressed gas, or electricity;

Guns and explosive signals which are produced by firing of explosive charges, the former being discharged from a gun, and the latter being exploded in midair;

Fog Detector Lights—certain light stations, in addition to the main light, are equipped with fog detector lights for automatic detection of fog. These lights sweep back and forth through an area over which the fog watch is necessary, showing a powerful bluish-white flash of about 1 second in duration. The interval between successive flashes will vary with the position of the vessel within the sector. At the limits of the sector the duration of the flash may be considerably longer than 1 second.

Fog detector lights operate continuously.

Standby fog signals are sounded at some of the light and fog signal stations when the main fog signal is inoperative. Some of these standby fog signals are of a different type and characteristic than the main fog signal.

Radiobeacons, RACONs, RAMARKs, and radio direction-finders are mentioned in the List of Lights, but for detailed information, including the synchronization of radio signals and sound signals for distance finding, the navigator should consult Pub. 117, Radio Navigational Aids.

Note—use Chart No. 1 for the complete list of symbols and abbreviations commonly used in presenting the essential characteristics of lights, fog signals, and radio aids found on charts.

VISIBILITY TABLE

Table of distances at which objects can be seen at sea according to their respective elevations and the elevation of the eye of the observer.

Height in Feet	Distance in geographic or nautical miles	Height in feet	Distance in geographic or nautical miles	Height in feet	Distance in geographic or nautical miles	Height in feet	Distance in geographic or nautical miles	Height in feet	Distance in geographic or nautical miles	Height in feet	Distance in geographic or nautical miles
1	1.2	23	5.6	45	7.8	135	13.6	340	21.6	600	28.7
2	1.7	24	5.7	46	7.9	140	13.8	350	21.9	620	29.1
3	2.0	25	5.9	47	8.0	145	14.1	360	22.2	640	29.5
4	2.3	26	6.0	48	8.1	150	14.3	370	22.5	660	30.1
5	2.6	27	6.1	49	8.2	160	14.8	380	22.8	680	30.5
6	2.9	28	6.2	50	8.3	170	15.3	390	23.1	700	31.0
7	3.1	29	6.3	55	8.7	180	15.7	400	23.4	720	31.4
8	3.3	30	6.4	60	9.1	190	16.1	410	23.7	740	31.8
9	3.5	31	6.5	65	9.4	200	16.5	420	24.0	760	32.3
10	3.7	32	6.6	70	9.8	210	17.0	430	24.3	780	32.7
11	3.9	33	6.7	75	10.1	220	17.4	440	24.5	800	33.1
12	4.1	34	6.8	80	10.5	230	17.7	450	24.8	820	33.5
13	4.2	35	6.9	85	10.8	240	18.1	460	25.1	840	33.9
14	4.4	36	7.0	90	11.1	250	18.5	470	25.4	860	34.3
15	4.5	37	7.1	95	11.4	260	18.9	480	25.6	880	34.7
16	4.7	38	7.2	100	11.7	270	19.2	490	25.9	900	35.1
17	4.8	39	7.3	105	12.0	280	19.6	500	26.2	920	35.5
18	5.0	40	7.4	110	12.3	290	19.9	520	26.7	940	35.9
19	5.1	41	7.5	115	12.5	300	20.3	540	27.2	960	36.3
20	5.2	42	7.6	120	12.8	310	20.6	560	27.7	980	36.6
21	5.4	43	7.7	125	13.1	320	20.9	580	28.2	1000	37.0
22	5.5	44	7.8	130	13.3	330	21.3				

Explanation.—The line of sight connecting the observer and a distant object is at maximum length tangent with the spherical surface of the sea. It is from this point of tangency that the tabular distances are calculated. The table must accordingly be entered twice to obtain the actual geographic visibility of the object—first with the height of the object, and second with the height of the observer’s eye—and the two figures so obtained must be added. Thus, if it is desired to find the maximum distance

at which a powerful light may be seen from the bridge of a vessel where the height of eye of the observer is 55 feet above the sea, from the table:

	Nautical Miles
55 feet height of observer(visible)	8.7
200 feet height of light(visible)	<u>16.5</u>
Distance visible	25.2

CONVERSION TABLE — FEET TO WHOLE METERS

(FOR HEIGHTS OF LIGHTS)

1 foot = 0.3048 meter

Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
		40	12	80	24	120	37	160	49	200	61
1	0	41	12	81	25	121	37	161	49	300	91
2	1	42	13	82	25	122	37	162	49	400	122
3	1	43	13	83	25	123	37	163	50	500	152
4	1	44	13	84	26	124	38	164	50	600	183
5	2	45	14	85	26	125	38	165	50	700	213
6	2	46	14	86	26	126	38	166	51	800	244
7	2	47	14	87	27	127	39	167	51	900	274
8	2	48	15	88	27	128	39	168	51	1000	305
9	3	49	15	89	27	129	39	169	52		
10	3	50	15	90	27	130	40	170	52		
11	3	51	16	91	28	131	40	171	52		
12	4	52	16	92	28	132	40	172	52		
13	4	53	16	93	28	133	41	173	53		
14	4	54	16	94	29	134	41	174	53		
15	5	55	17	95	29	135	41	175	53		
16	5	56	17	96	29	136	41	176	54		
17	5	57	17	97	30	137	42	177	54		
18	5	58	18	98	30	138	42	178	54		
19	6	59	18	99	30	139	42	179	55		
20	6	60	18	100	30	140	43	180	55		
21	6	61	19	101	31	141	43	181	55		
22	7	62	19	102	31	142	43	182	55		
23	7	63	19	103	31	143	44	183	56		
24	7	64	20	104	32	144	44	184	56		
25	8	65	20	105	32	145	44	185	56		
26	8	66	20	106	32	146	45	186	57		
27	8	67	20	107	33	147	45	187	57		
28	9	68	21	108	33	148	45	188	57		
29	9	69	21	109	33	149	45	189	58		
30	9	70	21	110	34	150	46	190	58		
31	9	71	22	111	34	151	46	191	58		
32	10	72	22	112	34	152	46	192	59		
33	10	73	22	113	34	153	47	193	59		
34	10	74	23	114	35	154	47	194	59		
35	11	75	23	115	35	155	47	195	59		
36	11	76	23	116	35	156	48	196	60		
37	11	77	23	117	36	157	48	197	60		
38	12	78	24	118	36	158	48	198	60		
39	12	79	24	119	36	159	48	199	61		

RADIOBEACONS

RADIO DIRECTION-FINDER SETS ON SHIPS

Radio direction-finder sets on board ship enable bearings to be taken of transmissions from other ships, aircraft, shore stations, marine radiobeacons, and the coastal stations of the radio communication network. When located in the pilothouse or on the navigating bridge, the direction-finder enables the navigating officer to obtain bearings himself without reference to others and without delay.

Due to the great value of radio bearings, particularly when visibility is poor and when celestial observations cannot be obtained, the radio direction-finder on board ship deserves the same consideration and care as are given to the sextant and compass. It has the following characteristics in common with the two latter navigational instruments: the readings are subject to certain errors; these errors may be reduced by skillful and intelligent operation; the dangers of using erroneous readings may be greatly reduced by the intelligence and good judgment of the mariner. In order to acquire experienced judgment in the operation of the instrument, it is essential that the mariner use it as much as practicable.

Troubles from interference and weak signals are greatly reduced by the use of direction-finders of proper selectivity. The bearings must be corrected for radio deviation as shown by the calibration curve of the set.

Types of Radiobeacons

1. Directional radiobeacons which transmit radio waves in beams along fixed bearings.
2. Rotating radiobeacons by which a beam of radio waves is resolved in azimuth in a manner similar to the beam of light sent out by rotating lights.
3. Circular radiobeacons which send out waves of approximately uniform strength in all directions so that ships may take radio bearings of them by means of the ship's radio direction-finder sets. This is the most common type of radiobeacon.

To extend the usefulness of marine radiobeacons to ships and aircraft employing automatic radio direction finders, U.S. marine radiobeacons on the Atlantic and Pacific Coasts and Great Lakes have been modified to transmit a continuous carrier signal during the entire radiobeacon operating period with keyed modulation providing the characteristic signal. Unless a beat frequency oscillator is installed, the continuous carrier signals are not audible to the operator of an aural null direction finder. A ten second dash has been included in the characteristic of these radiobeacons, to enable the navigator using a conventional aural null direction finder to refine his bearing. Vessels with direction finders will be able to use the United States

radiobeacons located on the Atlantic and Pacific Coasts, and Great Lakes at any time in their assigned sequence.

Aeronautical Radio Aids

Aeronautical radiobeacons and radio ranges are often used by navigators of marine craft in the same manner as marine radiobeacons are used for determining lines of positions. They are particularly useful along coasts where marine broadcast coverage is inadequate. Aeronautical aids situated inland become less trustworthy, so far as ships are concerned, when high land intervenes between them and the coast. They are established to be of primary usefulness to aircraft, and surface craft should use these aids with caution. Only those aeronautical radiobeacons considered to be of use to the mariner have been selected for inclusion in this publication.

AERONAUTICAL RADIOBEACONS. Like marine radiobeacons, these aids broadcast a characteristic signal on a fixed frequency.

NOTE: The assigned frequency of aeronautical radiobeacons is normally from 200 to 415 kHz while the frequency of marine radiobeacons is normally from 285 to 325 kHz. Aeronautical radiobeacons not within the marine radiobeacon band will not normally be listed in this publication.

The range signals are interrupted at intervals to permit broadcast of the identification signal. In aviation publications the range leg bearings are most often given as magnetic bearings toward the station; in this publication they are given as true bearings toward the station. Unless otherwise stated in the station details, aeronautical radio aids mentioned in this publication transmit continuously.

NOTE: Mariners are advised that changes to and deficiencies in aeronautical radio facilities are not always immediately available to maritime interests and the positions are approximate and listed to the nearest minute only.

Obligations of Administrations Operating Radiobeacons

The obligations of nations and other administrations operating radiobeacons are given in Article 43 of the Radio Regulations of the International Telecommunication Union, Geneva.

Accuracy of Bearings Taken Aboard Ship

No exact rules can be given as to the accuracy to be expected in radio bearings taken by a ship as the accuracy depends to a large extent upon the skill of the ship's operator, the condition of the ship's equipment, and the accu-

racy of the ship's calibration curve. Mariners are urged to obtain this information by taking frequent radio bearings when their ship's position is accurately known and by recording the results. Normally, United States radiobeacons are operated in a group of six, each station in a group using the same frequency and transmitting for one minute in its proper sequence, and operate during all periods, either sequenced or continuously, regardless of weather conditions.

SKILL OF OPERATOR: Skill in the operation of the radio direction-finder can be obtained only by practice and by observing the technical instructions for the set in question. For these reasons the operator should carefully study the instructions issued with the set and should practice taking bearings frequently.

OPERATOR'S ERROR: As the operator obtains bearings by revolving the direction-finder coil until the signal disappears or becomes a minimum, the operator can tell by the size of the arc of silence or of minimum strength approximately how accurately the bearing has been taken. For instance, if the minimum is broad and the residual signal covers about 10° with equal strength, it is doubtful if the bearing can be accurately estimated. On the other hand, if a sharp minimum can be obtained, the operator can determine the bearing to within a half of a degree.

In this connection it should be noted that a properly operating and correctly adjusted direction-finder should in no case produce other than a point or arc of absolute silence. That is, there should be no "residual" signal at the point or arc of observation. The sharpness and completeness of the arc of silence are the best indications of a properly operating direction-finder, and their absence is the best indication of the presence of "night effect."

SUNRISE, SUNSET, OR NIGHT EFFECT: Bearings obtained from about half an hour before sunset to about half an hour after sunrise may be subject to errors due to night effect. On some nights this effect is more pronounced than on others and effect is usually greatest during the hours of twilight. Night effect may be detected by a broadening of the arc of minimum signals and by a fluctuation in the strength of the signals. It may also be indicated by difficulty in obtaining a minimum or by a rapidly shifting minimum. It is sometimes accompanied by an actual shift in the direction of the bearings. If it is essential to obtain a bearing when the night effect is pronounced, several bearings should be taken over a short period of time and an average taken of them.

RADIO DIRECTION FINDER WITHOUT GYRO REPEATERS: The ship's compass must be read as the bearing is taken or an error may be introduced equal to the amount that the ship has yawed in the interval between taking the bearing and reading the compass. Any error in the ship's compass must be applied to the bearing.

RECIPROCAL BEARINGS: In some direction-finder sets, the operator cannot tell from which side of the ship the signals are coming. With these sets the operator shall correct both bearings for their respective deviations and give both corrected bearings to the person who is plotting the bearings on the chart. If the mariner is in doubt as to the side of the ship from which the bearings are coming, this difficulty can usually be solved by having another bearing taken after the ship has steamed a short distance and noting in which direction the bearing is changing.

CALIBRATION: It is essential that the radio direction-finder be accurately calibrated in order that the bearings may be corrected for deviation. While the bearings are being taken, other radio antennas on board must be in the same condition as they were when the calibration was made; movable parts of the ship's superstructure such as booms, davits, wire rigging, etc., must be secured in the positions which they occupied when the direction-finder was calibrated. Unusual cargoes such as large quantities of metals and extraordinary conditions of loading may cause errors.

The direction-finder should be recalibrated after any changes have been made in the set or its surroundings (this includes alterations to or changes in position of antennas, wire rigging, boat davits, booms, etc.) whenever there is reason to believe that the previous calibration has become inaccurate, and also at periodic intervals.

The calibration must be made on approximately the same frequency or frequencies as will be used to take bearings because the deviation for several frequencies is not likely to be the same. It is believed that one calibration curve is satisfactory for the normal radiobeacon frequency (285 to 325 kHz), but the instructions issued by the manufacturer of the particular direction-finder in question should be studied in this connection.

To facilitate the calibration of ship's direction-finders, special arrangements have been made by some services for operation of their radiobeacons at times other than their published schedules. Information as to the arrangements made by the United States stations in this respect is as follows:

Sequenced radiobeacons cannot broadcast at any time other than on their assigned operating minute for the purpose of enabling vessels to calibrate their radio direction finders without causing interference. Special radio direction finder calibration transmitters of short range are operated at certain localities to provide continuous calibration service.

The position given for the antenna is the point from which the radiobeacon signal is emitted.

If it is not practicable to determine the time of calibration sufficiently in advance to contact the district commander, request may be made directly to the stations by means of telephone, telegraph, or a whistle signal consisting of three long blasts; followed by three short blasts.

This whistle signal is to be repeated until it is acknowledged by the station through the starting of the transmitter. The same group of signals should be sounded at the termination of calibration.

The work of the station personnel is not confined to standing watch and there may be times when the whistle request for calibration is not immediately heard, due to the noise from operating station machinery, etc. Usually, a repeated signal not too far from the station will attract attention.

“COMPENSATED” RADIO DIRECTION-FINDERS: Many radio direction-finders are “compensated” and no calibration chart or curve is used. Attention is invited to the fact that such compensation is just as vulnerable as the calibration data due to changes made in the set or its surroundings.

CHECK THE CALIBRATION: The calibration of compensation should be checked frequently by taking bearings when the ship’s position is accurately known and the results should be recorded for future reference.

CALIBRATION RADIOBEACONS: In the United States and certain other areas special radiobeacons, primarily for calibrating shipboard direction-finders are in operation. These radiobeacons transmit either continuously during scheduled hours or upon request, as indicated in station details.

COASTAL REFRACTION (OR LAND EFFECT): Errors may occur in bearings taken by ships so located that the line of observation to the radiobeacon passes over land or along the shore line. However, many observations seem to indicate that such errors are negligible when the observing vessel is well out from the shore. Bearings secured entirely over water areas are to be preferred since “land effect” is thus eliminated. Bearings taken at sunset and sunrise are likely to be erratic, and observations taken at these hours should therefore be repeated and checked as may be feasible.

PROGRAM BROADCASTING STATIONS: Before taking bearings on a station broadcasting entertainment programs a mariner should consider that frequency may differ widely from the frequency for which the set is calibrated, that the published location of the station may be that of its studio and not that of its transmitting antenna, that if the station is synchronized with other stations it may be impossible to tell on which station the bearing was taken, and that as the majority of these stations are inland, the coastal refraction may be excessive.

Station Details

FREQUENCY: The frequency listed is that used by the station in transmitting its “Characteristic Signal.” Calling frequencies, if any, will be given under “remarks.”

RANGE: In this book the range of radiobeacons is only approximate and is given merely to assist mariners in

planning their voyages and to inform them of several radiobeacons they will probably hear first. Frequently, when conditions for radio reception are good, radiobeacons may be heard at greater distances than indicated. The mariner who is at a greater distance than the range indicated should attempt to obtain bearings when necessary, and not assume that the radiobeacon will be unheard beyond its indicated range.

GROUP SEQUENCE: Selected radiobeacons are grouped together on the same operating frequency and are assigned a specific sequence of transmission within this group. This reduces station interference and unnecessary returning.

ANTENNA LEAD-IN: Included in the details of many radiobeacons located at or near light stations is a statement of the distance and bearing of the radiobeacon transmitting antenna from the light tower. Use should be made of this information when calibrating the ship’s direction-finding equipment by means of simultaneous visual and radio bearings.

Plotting Radio Bearings

The procedure for converting radio (great circle) bearings as received by direction-finder equipment aboard ship is identical with that used in converting radio bearings supplied by direction-finder stations on shore and is described in section 100E “Plotting Radio Bearings” of Pub. 117, Radio Navigational Aids.

Synchronization for Distance Finding

At some radiobeacon stations, sound signals, either submarine or air or both, are synchronized with the radiobeacon signals for distance finding. Ordinarily, the sound signals do not operate during the transmission period of the radio signal in clear weather. The methods in use employ, as a rule, distinctive signals to indicate the point of synchronization, and make use, for determining distance, of the lag of signals traveling through air or water as compared to the practically instantaneous travel of the radio signals.

In the case of some sound signals, a series of short radio dashes is transmitted at intervals following the synchronizing point, so that by counting the number of such short dashes heard after the distinctive radio signal and before hearing the corresponding distinctive sound signal, the observer obtains the distance, in miles equal to the number of dashes counted, from the sound signal apparatus unless stated otherwise.

In the case of other signals, the observer notes the number of seconds intervening between the reception of the distinctive radio signal and the corresponding sound signal and uses a factor to determine distances in miles as follows:

Submarine signals—multiply the observed numbers of seconds by 0.8 or divide by 1.25 distance in nautical miles.

Air signals—multiply the observed number of seconds by 0.18 or divide by 5.5. For more approximate results or for statute miles, multiply the observed number of seconds by 0.2 or divide by 5.

Tables for finding distance

Interval in seconds	Distances in nautical miles from sound signal source	
	Air	Submarine
1	0.18	0.8
2	0.36	1.6
3	0.54	2.4
4	0.72	3.2
5	0.90	4.0
6	1.08	4.8
7	1.26	5.6
8	1.44	6.4
9	1.62	7.2
10	1.80	8.0
20	3.60	16.0
30	5.40	24.0
40	7.20	
50	9.00	
60	10.80	

REMARKS: Average speed of sound travel in water is 1 nautical mile in 11/4 seconds.

The speed of sound travel is influenced by a number of conditions making it impracticable to state a factor that will give exact results under all conditions. The results obtained by the methods described may be accepted as being accurate to within 10 percent of the distance.

Methods of synchronizing the signals vary and are described or illustrated in official announcements regarding them. It is essential to note carefully the point of synchronization used so that no error will be made through taking time on the wrong signal or the wrong part of it.

In observing air signals it is usually sufficient to use a watch with second hand, although a stop watch is helpful. For submarine signals where the interval is shorter and a time error correspondingly more important, it is essential that a stop watch or other timing device be used. Where the radiobeacon and submarine signals are not received at the same point on the vessel, means of instant communication between two observers should be available or synchronized stop watches provided for each.

Ships not equipped with a DF receiver can take advantage of the distance-finding feature of a radiobeacon station, if equipped with a radio receiver capable of receiving

the transmission. In the case of obtaining distance from a radiobeacon station which is synchronized with a submarine sound signal, the ship must also be equipped with a device for picking up submarine sound signals.

Rotating Loop Radiobeacon

MODE OF OPERATION:

(1) The radiobeacon consists of a rotating loop transmitter having directional properties by which an observer in a ship can obtain his bearing from the beacon without the use of a direction-finder. Any ordinary receiving set capable of being tuned to the radiobeacon's frequency may be used. The only other equipment required is a reliable stop watch or chronograph with a sweep second hand. Stop watches and clocks with dials graduated in degrees may be used, from which bearings may be read directly without any mathematical calculation.

(2) During each revolution of the beacon, the signals received by the observer will rise and fall in intensity, passing through a maximum and a minimum twice each minute. The positions of minimum intensity, which occur at intervals of thirty seconds from one another, are very sharp and can be accurately observed. These are, therefore, used for navigation purposes.

The beacon may be regarded as having a line or beam of minimum intensity which rotates at a uniform speed of 360° in 1 minute (i.e. 6° in 1 second) based on the true meridian as starting point. Therefore, if the observer can (a) identify the beacon and (b) measure the number of seconds which this minimum beam takes to reach their position starting from the true meridian, this number multiplied by six will give their true bearing from the beacon or its reciprocal.

The signals which enable the beacon to be identified and the bearing to be calculated are described in the following paragraphs:

Signals transmitted by the beacon: Each transmission from the beacon lasts for 4 minutes; the beacon is then silent for 8 minutes, and automatically starts again at the end of the silent period. Each transmission consists of two parts: (a) the identification signal of the station set at a slow speed for the first minute, commencing when the minimum beam is true east and west and followed by a long dash of about 12 seconds duration; (b) the signal group commencing when the minimum beam is approaching the true meridian, and consisting of (i) the north starting signal, which is the letter V followed by two dots (•• — ••); (ii) a long dash of about 12 seconds duration; (iii) the east starting signal, which is the letter B followed by two dots (— •• ••); and (iv) a long dash for about 42 seconds.

The navigation signals are repeated during the remainder of the transmission and signals cease when the minimum beam is in the east and west position.

INSTRUCTIONS FOR TAKING BEARINGS

- (i) Set stop watch to zero.
- (ii) Listen for identification signal.
- (iii) When the first long dash begins (at A on diagram) get ready for the "north signal."
- (iv) After the "north signal," start stop watch exactly at beginning of long dash (see "00 seconds" on diagram) counting one-two with the two preceding dots, and 3 for the start of the stop watch.
- (v) Listen for minimum and note its exact time by stop watch.

NOTE: If stop watch is graduated in degrees note exact angle, which is the bearing.

- (vi) Multiply number of seconds by 6° for bearing.
- (vii) Determine whether bearing is direct or reciprocal.
- (viii) If the "north signal" is faint, use the "east signal," but add 090° to final bearing.

Particular attention is directed to the following:

- (a) The stop watch must be started exactly at the beginning of the long dash for each series of observations.
- (b) The time of occurrence of the minimum must be read to the nearest fifth of a second.
- (c) The bearing obtained will be either the direct bearing or its reciprocal.
- (d) When using the east signal, add 090° to obtain bearings from true north.
- (e) The beacon is set up on the true meridian, and no correction is required for magnetic variation.
- (f) No quadrantal error arises, and no corrections are necessary except as in (c) and (d) above.

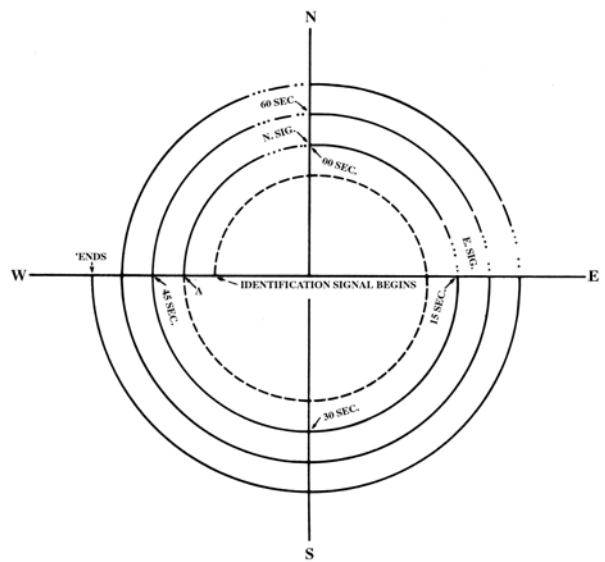
(A correction must, of course, be made for convergency; this should be applied as if the beacon were a shore radio direction-finder station.)

(g) A comparatively large error of bearing may occur due to inaccuracy in the stop watch, and to obviate this,

observers or navigators should check their stop watches on the beacon station before taking bearings. This can easily be done by checking the time by stop watch of the complete revolution of the beacon transmission. Any error found can then be allowed for.

Caution

Due to the many factors which enter into the transmission and reception of radio signals, a mariner cannot practically estimate its distance from a radiobeacon either by the strength of the signals received or by the time at which the signals were first heard. Mariners should give this fact careful consideration in approaching radiobeacons. A diagram showing the signals used is given below.



ROTATING RADIOBEACON
SIGNAL DIAGRAM

DESCRIPTION

(Radiobeacons)

Information is tabulated in eight columns as follows:

column 1: The number assigned to each radiobeacon by this Agency.

column 2: Name and/or descriptive location of the radiobeacon.

column 3: Approximate latitude and longitude of the radiobeacon to the nearest tenth of a minute.

column 4: Radiobeacon characteristics. Included in this column are the Morse code, period in seconds, length of transmission and silence time.

column 5: Range (approximate) in nautical miles.

column 6: Group sequence. Selected radiobeacons are grouped together on the same operating frequency and are assigned a specific sequence of transmission within this group. This reduces station interference and unnecessary return.

column 7: Frequency (given in kilohertz) and amplitude modulation (see Table Symbols).

column 8: Remarks. Transmission synchronization, type of radiobeacon (marine, aero, etc.), calibration, antenna lead-in, calling frequencies, distance-finding information, service charges, hours of transmission, directional signals and other pertinent information.

ABBREVIATIONS

aero aeronautical
tr transmission
si silence
s seconds
(4) 4 times
Transmission is continuous unless otherwise stated.

TABLE OF SYMBOLS

LEGEND

- (1) Type of modulation of the main carrier.
- (2) Nature of signal(s) modulating the main carrier.
- (3) Type of “information” to be transmitted. “Information” does not include information of a constant, unvarying nature such as provided by standard frequency emissions, continuous wave and pulse radars, etc.

AMPLITUDE MODULATION:

N0N

- (1) Emission of an unmodulated carrier.
- (2) No modulating signal.
- (3) No information transmitted.

A1A

- (1) Double-sideband.
- (2) Single channel containing quantized or digital information without the use of a modulating subcarrier.
- (3) Telegraphy (for aural reception).

A2A

- (1) Double-sideband.
- (2) Single channel containing quantized or digital information with the use of a modulating subcarrier.
- (3) Telegraphy (for aural reception).

A3E

- (1) Double-sideband.
- (2) Single channel containing analog information.
- (3) Telephony (including sound broadcasting).

R3E

- (1) Single-sideband (reduced or variable level carrier).
- (2) Single channel containing analog information.
- (3) Telephony (including sound broadcasting).

B8E

- (1) Independent sidebands.
- (2) Two or more channels containing analog information.
- (3) Telephony (including sound broadcasting).

H2A

- (1) Single-sideband (full carrier).
- (2) Single channel containing quantized or digital information with the use of a modulating subcarrier.
- (3) Telegraphy (for aural reception).

H3E

- (1) Single-sideband (full carrier).
- (2) Single channel containing analog information.
- (3) Telephony (including sound broadcasting).

J3E

- (1) Single-sideband (suppressed carrier).
- (2) Single channel containing analog information.
- (3) Telephony (including sound broadcasting).

A3C

- (1) Double-sideband.
- (2) Single channel containing analog information.
- (3) Facsimile.

A3F

- (1) Double-sideband.
- (2) Single channel containing analog information.
- (3) Television (video).

B7D

- (1) Independent sidebands.
- (2) Two or more channels containing quantized or digital information.
- (3) Data transmissions, telemetry, telecommand.

Note: With 6 kHz. EDW operation in the bands below 30 MHz allocated exclusively for Maritime Mobile Service (FC, MO).

FREQUENCY (OR PHASE) MODULATION:**F1B**

- (1) Frequency modulation.
- (2) Single channel containing quantized or digital information without the use of a modulating subcarrier.
- (3) Telegraphy (for automatic reception).

F2A

- (1) Frequency modulation.
- (2) Single channel containing quantized or digital information with the use of a modulating subcarrier.
- (3) Telegraphy (for aural reception).

F3E

- (1) Frequency modulation.
- (2) Single channel containing analog information.
- (3) Telephony (including sound broadcasting).

F3C

- (1) Frequency modulation.
- (2) Single channel containing analog information.
- (3) Facsimile.

F3F

- (1) Frequency modulation.
- (2) Single channel containing analog information.
- (3) Television (video).

P1B

- (1) Sequence of unmodulated pulses.
- (2) Single channel containing quantized or digital information without the use of a modulating subcarrier.
- (3) Telegraphy (for automatic reception).

Pulse Modulation:

GHz = gigahertz

kHz = kilohertz

MHz = megahertz

DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS)

Differential Global Positioning System (DGPS) is a radio-based navigation system that eliminates errors in a GPS receiver that will allow the accuracy level to be significantly enhanced. DGPS accuracy can be 10 meters or better, compared with 100 meters or better with GPS. This is possible by placing a high-performance GPS receiver (reference station) at a known location. Because the receiver knows its exact location, it can determine the errors in the satellite signals. The satellite measures the ranges to each satellite using the signals received and comparing these measured ranges to the actual ranges calculated from its known position. The total error is the difference between the measured and calculated range. The error data for each tracked satellite is formatted into a correction message and transmitted to GPS users. The correction message format follows the standard established by the Radio Technical Commission for Maritime Services, Special Committee 104 (RTCM-SC104). These differential corrections are then applied to the GPS calculations, thus removing most of the satellite signal error and improving accuracy.

Terms for understanding DGPS:

DGPS Correction Receiver

A DGPS correction receiver decodes the signals received from a reference site. Data is formatted into a serial RTCM SC104 data stream and provided to the remote GPS receiver. There are many types of DGPS correction receivers.

GPS Receivers

The GPS receiver measures ranges to each satellite, but

before the measurements are used to calculate position, corrections received from the DGPS receiver are applied to the measurements. The position is then calculated using the corrected range measurements providing vastly increased accuracy.

Modulator

Depending on the transmission format, the modulator encodes the data as necessary for transmission.

Reference Station

The reference station GPS receiver knows exactly the position of its antenna, therefore it knows what each satellite range measurement should be. It measures the ranges to each satellite using the received signals just as if it was going to calculate position. The measured ranges are subtracted from the known ranges and the result is range error. The range error values for each satellite are formatted into messages in the RTCM SC104 format and transmitted continuously.

Transmitter

The transmitter is basically a power amplifier which is connected to an antenna system. The modulated carrier is amplified and driven to the antenna. In the United States Coast Guard system, the transmitter is 250-1000 Watts and operates in the 300Khz frequency range. The amplified signal is radiated via the antenna to remote DGPS receivers for real-time position correction.

DESCRIPTION

(Differential GPS Stations)

Information is tabulated in eight columns as follows:

column 1: The number assigned to each DGPS Station by this Agency.

column 2: Name of the DGPS Station

column 3: Approximate latitude and longitude of the DGPS Transmitting Station to the nearest tenth of a minute.

column 4: Station ID which can be found in the IALA Master list. No two stations have the same ID. **T** denotes the Transmitting Station, **R** denotes the Reference Station.

column 5: Range (approximate) in nautical miles.

column 6: Frequency in kHz.

column 7: Transfer Rate which equates to the baud rate and will be published as a whole number without any additional abbreviations such as "bps" (bits per second)

column 8: Remarks. This column contains information about the reference stations and messages types transmitted. GPS Message Type Numbers are 1, 3, 4, 5, 6, 7, 9, 15 and 16. (*Refer to message type descriptions below*)

GPS MESSAGE TYPE NUMBER INDICATORS

1	Differential GNSS corrections (full set of satellites)
3	Reference stations parameters
4	Datum used
5	Constellation health
6	Null frame (no information)
7	Radiobeacons Almanacs
9	Sub-set differential GNSS corrections
15	Ionospheric corrections
16	Special messages

Section 1

Panama and West Coast of South America Including Colombia, Ecuador and Peru

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PANAMA							
4 G 3280	Isla Burica.	8° 01.1' N 82° 52.6' W	Fl.W. period 10s fl. 1s, ec. 9s	111 34	12	Fiberglass tower; 33.	
7 G 3279	Puerto Dulce.	8° 17.3' N 82° 52.2' W	Fl.R.			Red and white framework tower.	
8 G 3278	Puerto Armuelles, pier, head.	8° 16.0' N 82° 52.0' W	Oc.R. period 2s F.R. (vert.)	68 21	9		Aero Radiobeacon 27 miles ENE. Oc.R. on radio towers 0.45 mile and 0.5 mile NW. F.R. on radio towers 0.46 mile and 0.83 mile NNW.
9 G 3279.3	-Petroterminal de Panama, Berth 1.	8° 12.0' N 82° 53.0' W	Q.R.				
10 G 3279.4	--2.	8° 12.0' N 82° 53.0' W	Q.R.				
11 G 3279.5	--3.	8° 12.0' N 82° 53.0' W	Q.W.				
12 G 3266	Isla Ladrones.	7° 52.0' N 82° 26.0' W	L.Fl.W. period 9s fl. 3s, ec. 6s	213 65	16	White metal framework tower; 38.	
16 G 3268	Isla Parida.	8° 06.0' N 82° 22.0' W	L.Fl.W. period 8s fl. 3s, ec. 5s	125 38	13	White metal framework tower; 20.	
20 G 3264	Isla Montuosa.	7° 28.3' N 82° 14.5' W	L.Fl.W. period 7s fl. 2s, ec. 5s	98 30	11	White metal framework tower; 38.	
22 G 3269	Isla Ensilada.	8° 09.1' N 82° 09.8' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	203 62	14	White metal framework tower; 40.	
24 G 3267	Islas Secas.	7° 57.0' N 82° 01.0' W	L.Fl.W. period 9s fl. 2s, ec. 7s	207 63	15	White metal framework tower; 20.	
26 G 3267.5	Islas Contreras, Isla Uva.	7° 48.1' N 81° 46.1' W	L.Fl.W. period 12s fl. 2s, ec. 10s	92 28	12	White metal framework tower; 20.	
28 G 3262	Isla Jicarita.	7° 12.4' N 81° 48.1' W	Fl.W. period 15s fl. 1s, ec. 14s	335 102	20	White metal framework tower; 49.	Visible 270°-118°. Reported Fl W 9s (T) 2008.
32 G 3256	Isla Canal de Afuera, S. side.	7° 41.8' N 81° 38.4' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	86 26	10	White metal framework tower; 20.	
36 G 3254	Isla de Cebaco.	7° 29.8' N 81° 15.4' W	Fl.W. period 3s fl. 0.5s, ec. 2.5s	348 106	19	White metal framework tower; 20.	
38 G 3252	Punta Mariato.	7° 12.6' N 80° 53.2' W	Fl.W. period 30s fl. 1s, ec. 29s	335 102	21	White metal framework tower; 38.	
40 G 3250	Morro de Puercos.	7° 15.0' N 80° 26.0' W	Fl.W. period 7.5s fl. 0.7s, ec. 6.8s	276 84	19	White metal framework tower; 50.	Visible 245°-072°.
42 G 3225	-Puerto Aquadulce, No. 13.	8° 12.3' N 80° 28.2' W	Fl.W.	3 1	2	Black beacon.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PANAMA							
43 G 3225.3	--No. 14.	8° 12.3' N 80° 28.2' W	Fl.R.		3 1	STARBOARD (B) R.	
44 G 3246	Frailes del Sur.	7° 20.3' N 80° 08.7' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s		66 20	White pyramidal concrete tower; 40.	
45 G 3251	-Northwards AVIATION LIGHT.	7° 40.4' N 80° 25.9' W	FR.				Obstruction with W. and R. lights close by.
46 G 3240	Isla Villa.	7° 56.1' N 80° 18.1' W	Fl.W. period 18s fl. 1.8s, ec. 16.2s		118 36	White metal framework tower; 40.	
47 G 3243	Isla Iguana.	7° 37.7' N 79° 59.8' W	Fl.W. period 13s fl. 1s, ec. 12s		82 25	White metal framework tower; 40.	Obscured 090°-184°48'.
GULF OF PANAMA:							
48 G 3242	-Punta Mala.	7° 28.2' N 80° 00.0' W	L.Fl.W. period 20s fl. 5s, ec. 15s		148 45	White metal framework tower; 108.	
	-RACON		M(- -)				
52 G 3222	-Isla Bona.	8° 33.8' N 79° 35.2' W	L.Fl.W. period 13s fl. 3s, ec. 10s		174 53	White metal framework tower, 40.	
55 G 3218.5	-Breakwater, head.	8° 51.7' N 79° 40.2' W	Fl.(2)W. period 10s fl. 0.8s, ec. 1.4s fl. 0.8s, ec. 7s		28 9	White tower.	3 Q.W. lights mark jetty heads inside harbor.
56 G 3217	-Islote Valladolid.	8° 43.7' N 79° 36.1' W	L.Fl.W. period 30s fl. 5s, ec. 25s		85 26	White metal framework tower; 14.	
57 G 3218	-Vacamonte Range, front.	8° 52.0' N 79° 40.2' W	F.W.		58 18	Tower, white triangular daymark.	
58 G 3218.1	--Rear, 150 meters 321° from front.	8° 52.1' N 79° 40.3' W	F.W.		71 22	Tower, white triangular daymark.	
60 G 3216	-Penon Limoncillo.	8° 44.6' N 79° 34.6' W	L.Fl.W. period 15s fl. 2s, ec. 13s		75 23	White metal framework tower.	
64 G 3215	-Isla Tarapa.	8° 46.0' N 79° 32.3' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s		52 16	White metal framework tower; 14.	
68 G 3214	-Isla Taboguilla.	8° 48.2' N 79° 30.6' W	L.Fl.W. period 7s fl. 2s, ec. 5s		200 61	White metal framework tower; 20.	Aero Radiobeacon 2.8 miles SW. (on Taboga Island).
72 G 3214.5	--N. side of island.	8° 49.0' N 79° 31.0' W	L.Fl.W. period 20s fl. 2s, ec. 18s		59 18	White metal framework tower; 20.	
96 G 3198	-Flamenco Island.	8° 54.4' N 79° 31.2' W	Oc.(2)W.R. period 5s lt. 0.5s, ec. 1s lt. 2s, ec. 1.5s		154 47	White square concrete pedestal.	W. 267°-003°, R.-054°. Storm signals shown from radio tower 3.4 miles NNW.
	-RACON		N(- •)				
97 G 3201	-Isla Naos, M1.	8° 55.0' N 79° 32.2' W	Fl.Y. period 2s			At end of mine dock.	
98 G 3201.2	--M2.	8° 54.8' N 79° 32.2' W	Fl.Y. period 2s fl. 0.5s, ec. 1.5s			Yellow beacon on pile.	
100 G 3209	-Howard AVIATION LIGHT.	8° 55.0' N 79° 35.0' W	Al.Fl.W.G. period 5s		300 91		Occasional.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PANAMA							
104 G 3200	-Entrance Range 1, front, W. bank of canal.	8° 57.4' N 79° 34.5' W	F.G.	65 20	14	Concrete tower; 26.	Visible on range line only. Night only. Canal marked by lights and range lights.
106 G 3200.05	--1A, Middle.	8° 57.6' N 79° 34.6' W	F.G.	95 29	16		F.W. 29m 6M during daylight hours.
108 G 3200.1	--Rear 2, 4.1 km. 322° from front.	8° 58.4' N 79° 35.3' W	Oc.G. period 3.5s lt. 3s, ec. 0.5s	200 61	20	Concrete tower; 100.	Oc.W. 3.5s 61m 6M during daylight hours.
112 G 3208	-Corozal AVIATION LIGHT.	8° 59.0' N 79° 34.0' W	Al.FI.W.G. period 6.6s	379 116		Steel tower; 57.	F.R. on tank 90 meters NW. Occasional.
116 G 3207	-Cerro Cedro AVIATION LIGHT.	9° 00.0' N 79° 33.0' W	Fl.R. period 2s	500 152			Occasional.
120 G 3206	-Tocumen AVIATION LIGHT.	9° 05.0' N 79° 23.0' W	Al.FI.W.G. period 10s	200 61		Tower; 30.	Occasional.
124 G 3194	-Isla Chepillo.	8° 57.1' N 79° 07.7' W	Fl.W. period 8s fl. 1s, ec. 7s	200 61	26	White metal framework tower; 20.	
128	-Isla Pacheca.	8° 40.0' N 79° 03.0' W	Fl.W. period 7s fl. 0.5s, ec. 6.5s	39 12	12	White concrete structure; 20.	
131 G 3188.5	-Isla Senora.	8° 26.6' N 79° 06.6' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s		17		
132 G 3189	-San Miguel.	8° 27.4' N 78° 56.5' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	85 26	15	Concrete tripod; 20.	Visible 086°-180°.
136 G 3188	-Isla San Jose.	8° 12.8' N 79° 07.8' W	L.FI.W. period 6s fl. 2s, ec. 4s	230 70	21	Concrete tripod; 20.	Visible 291°-148°.
140 G 3192	-Isla El Pelado.	8° 38.0' N 78° 42.2' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	85 26	15	Concrete tripod; 20.	
144 G 3186	-Punta Brujas.	8° 35.2' N 78° 32.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	151 46	17	Concrete tripod; 20.	Visible 345°-215°.
148 G 3185	-Isla Batatilla.	8° 19.5' N 78° 22.6' W	Fl.(2)W.R. period 30s fl. 1s, ec. 3s fl. 1s, ec. 25s	33 10	7	Concrete structure; 10.	
152 G 3184	-La Palma, on W. side of Punta Virago.	8° 25.0' N 78° 10.0' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	6 2	4	White cement block pyramid; 10.	Visible 047°-222°.
156 G 3182	-Isla Patinito.	8° 15.5' N 78° 18.7' W	L.FI.W. period 10s fl. 2s, ec. 8s	52 16	10	White concrete tripod; 10.	Visible 338°36'-227°24'.
157 G 3187	-Isla Galera.	8° 11.7' N 78° 46.6' W	Fl.W. period 15s fl. 1.5s, ec. 13.5s	200 61	17	White metal framework tower; 40.	Visible 301°-151°.
160 G 3180	-Punta Garachine.	8° 05.0' N 78° 25.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	52 16	10	White skeleton steel tower; 20.	
168 G 3154	-Punta Pina.	7° 33.6' N 78° 12.2' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	229 70	19	White metal framework tower; 40.	
170 G 3153.5	Punta Cocalito.	7° 17.7' N 77° 58.3' W	Fl.W. period 10s fl. 1s, ec. 9s	124 38	10	White metal framework tower; 40.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLOMBIA							
172 G 3153.2	Punta Ardita.	7° 09.0' N 77° 48.6' W	Fl.(2)W. period 25s fl. 1s, ec. 1s fl. 1s, ec. 22s	558 170	30	Tower, red and white bands; 100.	
174	Cabo Marzo.	6° 49.8' N 77° 41.2' W	Fl.W.R. period 15s fl. 1s, ec. 14s	223 68	20	Orange structure.	R. 001°-013° marking dangerous rocks.
176 G 3150	Punta Solano.	6° 17.8' N 77° 28.4' W	L.Fl.W. period 12s fl. 2s, ec. 10s	144 44	17	Red metal tower, white bands; 30.	
180 G 3152	Mutis.	6° 14.0' N 77° 23.7' W	Fl.G. period 6s fl. 1s, ec. 5s	49 15	11	Red and white metal tower.	Visible 151°-157°.
181 G 3147	Nuqui.	5° 42.8' N 77° 16.6' W	Fl.(2)W. period 20s fl. 1s, ec. 3s fl. 1s, ec. 15s	207 63	19	Red metal structure; 92.	
182 G 3145	Cabo Corrientes.	5° 29.2' N 77° 32.7' W	Fl.W. period 10s fl. 1s, ec. 9s	614 187	31	Red and white tower; 59.	
183 G 3143	Pizzaro.	4° 57.1' N 77° 22.1' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	79 24	12	Conical structure, red and white bands.	
184 G 3140	Punta Charambira.	4° 15.0' N 77° 31.0' W	Fl.W. period 12s fl. 1.2s, ec. 10.8s	125 38	16	Red and white tower; 118.	
186 G 3142	Isla Malpelo.	4° 00.3' N 81° 36.5' W	Fl.W. period 15s fl. 1s, ec. 14s	840 256	36	White tower, red bands; 10.	
BAHIA DE BUENAVENTURA:							
188 G 3136	-Isla Palmas.	3° 54.1' N 77° 21.5' W	Fl.(2)W. period 20s fl. 1s, ec. 2s fl. 1s, ec. 16s	144 44	17	Red and white framework tower;	Visible 308°-162°. 125.
189 G 3137	-B.	3° 54.9' N 77° 21.5' W	Iso.Y. period 4s	43 13	11	White tower; 49.	
190 G 3137.5	-C.	3° 55.5' N 77° 20.9' W	Fl.(2)Y. period 12s fl. 0.5s, ec. 1s fl. 0.5s, ec. 10s	43 13	11	White tower; 49.	
200 G 3132	-Punta Soldado.	3° 48.5' N 77° 10.8' W	Fl.W. period 10s fl. 1s, ec. 9s	184 56	18	Orange and white tower; 165.	
202 G 3133	-Buenaventura, La Pilota, Dir Lt 051°.	3° 53.2' N 77° 04.1' W	Dir.Fl.W. period 5s fl. 1s, ec. 4s	138 42	17	Silver water tower; 98.	
202.5 G 3133.06	-Islalba No. 1.	3° 53.0' N 77° 05.5' W	Fl.(9)Y. period 15s	20 6	5	Orange tower.	Visible 349°-355°. Radar reflector.
202.6 G 3133.07	-Arrieral.	3° 53.7' N 77° 05.6' W	Fl.Y. period 4s fl. 1.5s, ec. 2.5s	36 11	10	Orange tower.	Visible 270°-276°. Radar reflector.
203 G 3132.3	-El Pinal.	3° 52.8' N 77° 03.4' W	Fl.(2)G. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	13 4	8	Gray tower.	
203.3 G 3133.03	-Parque Colpuertos.	3° 53.3' N 77° 04.8' W	Fl.W. period 10s fl. 1s, ec. 9s	59 18	11	White tower; 56.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COLOMBIA							
203.4 G 3133.04	-Muelle Turistico.	3° 53.3' N 77° 04.9' W	Fl.(2)Y. period 12s fl. 0.5s, ec. 1s fl. 0.5s, ec. 10s	16 5	8	Yellow beacon.	
203.5 G 3132.5	-Isla Margarita.	3° 52.6' N 77° 04.2' W	Fl.G. period 5s fl. 1s, ec. 4s	13 4	8	Green tower.	
204 G 3133.5	-Las Delicias Range, front.	3° 54.2' N 77° 05.0' W	Fl.(2)G. period 5s fl. 1s, ec. 1s fl. 1s, ec. 2s	43 13	11	Red and white tower; 16.	Visible 3° each side of range line.
208 G 3133.51	--Rear, 100 meters 010° from front.	3° 54.2' N 77° 05.0' W	Fl.(2)G. period 5s fl. 1s, ec. 1s fl. 1s, ec. 2s	69 21	13	Red and white tower; 33.	Visible 3° each side of range line.
210 G 3129	Punta Coll.	3° 00.2' N 78° 10.1' W	L.Fl.W. period 10s fl. 2s, ec. 8s	213 65	20	Red tower, white bands; 62.	
211 G 3128.5	Punta del Mono.	2° 57.9' N 78° 10.6' W	Fl.(2)W. period 12s fl. 0.5s, ec. 1s fl. 0.5s, ec. 10s	10 3	7	Red tower, white band; 7.	
212 G 3128	Isla Gorgonilla.	2° 56.4' N 78° 13.1' W	Fl.W. period 15s fl. 1s, ec. 14s	331 101	24	Red and white tower.	
213 G 3130.1	Bocana Guapi.	2° 40.4' N 77° 54.8' W	Fl.(2)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	39 12	11	Red and white tower.	
214 G 3130.5	Timbiqui.	2° 47.9' N 77° 45.5' W	Fl.(2)W. period 25s fl. 1s, ec. 1s fl. 1s, ec. 22s	125 38	18	Red tower, white band.	
215 G 3131	Punta Coco.	2° 58.3' N 77° 42.2' W	Fl.W. period 30s	46 14	12	Red and white tower.	
215.5 G 3131.5	Rio Naya.	3° 14.0' N 77° 32.4' W	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	52 16	12	Orange tower; 39.	
216 G 3126	Pasa Caballos.	2° 26.6' N 78° 33.0' W	Fl.(2)W. period 20s fl. 1s, ec. 3s fl. 1s, ec. 15s	125 38	18	Red tower, white band; 121.	
RADA DE TUMACO:							
220 G 3124	-Tumaco Island.	1° 49.4' N 78° 43.7' W	Fl.W.R. period 4s fl. 0.8s, ec. 3.2s	302 92	21	Red square concrete tower, white bands; 36.	R. 203°-208°, W. elsewhere.
224 G 3124.5	-El Viudo.	1° 51.3' N 78° 43.0' W	Q.(9)W. period 15s	36 11	10	Red and black tower.	
226 G 3125.4	-Range, front.	1° 49.1' N 78° 48.6' W	Fl.(2)W. period 5s fl. 1s, ec. 1s fl. 1s, ec. 2s	43 13	12	Red and white tower, red and yellow daymark; 39.	
227 G 3125.5	--Rear, 182° from front.	1° 48.9' N 78° 48.6' W	Fl.(2)W. period 5s fl. 1s, ec. 1s fl. 1s, ec. 2s	85 26	15	Red and white tower, red and yellow daymark; 79.	
232 G 3122	-Cabo Manglares.	1° 38.0' N 79° 00.6' W	Fl.(3)W. period 20s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 15.5s	112 34	17	Red round tower, white band.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ECUADOR							
236 G 3098	San Pedro.	1° 23.2' N 78° 52.6' W	Fl.W. period 15s fl. 1.5s, ec. 13.5s	141 43	20	Orange tower; 135.	
244 G 3098.5	Palo Seco.	1° 21.0' N 78° 52.0' W	Mo.(U)W. period 15s fl. 0.8s, ec. 0.1s fl. 0.8s, ec. 0.1s fl. 1.7s, ec. 11.5s	30 9	10	Orange triangular daymark on metal structure; 20.	
248 G 3098.6	B4.	1° 18.0' N 78° 53.0' W	Mo.(U)W. period 15s fl. 0.8s, ec. 0.1s fl. 0.8s, ec. 0.1s fl. 1.7s, ec. 11.5s	30 9	10	Orange triangular daymark on metal structure; 20.	
252 G 3098.8	B5.	1° 18.0' N 78° 50.0' W	Fl.W. period 10s fl. 1.5s, ec. 8.5s	30 9	10	Red metal structure; 20.	
254 G 3097.4	Puerto Limones.	1° 15.1' N 79° 00.8' W	Fl.W. period 4s fl. 1.5s, ec. 2.5s	30 9	9	White metal framework tower; 30.	
256 G 3097	Punta La Barca.	1° 14.0' N 79° 02.6' W	L.Fl.W. period 10s fl. 2s, ec. 8s	30 9	9	White metal skeletal tower; 30.	Visible 049°-230°.
260 G 3096.4	Punta Verde.	1° 04.1' N 79° 23.9' W	Fl.W. period 5s fl. 1s, ec. 4s	167 51	20	Black and white concrete tower; 26.	
264 G 3096	Punta Coquitos.	0° 59.0' N 79° 40.0' W	Fl.(3)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	653 199	19	White concrete tower, red diagonal stripes; 43.	
PUERTO DE ESMERALDAS:							
268 G 3096.1	-Entrance Range, front, E1.	0° 57.6' N 79° 38.0' W	Iso.W. period 4s	108 33	11	Metal structure with orange daymark; 30.	Aero F.W. 0.7 mile NNE.
272 G 3096.11	--Rear, E2, 267 meters 168° from front.	0° 57.5' N 79° 38.0' W	Iso.W.R.G. period 4s	112 34	12	Concrete structure with orange daymark; 26.	R. 163°09'-167°39', W.-168°21', G.-172°51'.
276 G 3096.32	-N. breakwater, head, F1.	1° 00.0' N 79° 39.0' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	30 9	9	Red concrete tower, white top; 20.	
280 G 3096.3	--S. side, E. end, F2.	0° 59.7' N 79° 38.6' W	Fl.G. period 6s	30 9	6	White and red concrete tower; 20.	
284 G 3096.25	--Range, front, E3.	0° 59.3' N 79° 39.6' W	Iso.W. period 4s	266 81	11	White structure, orange daymark; 30.	
288 G 3096.26	--Rear, E4, about 930 meters 250° from front.	0° 59.0' N 79° 40.0' W	Iso.W.R.G. period 4s	423 129	12	White structure, orange daymark; 30.	R. 245°09'-249°39', W.-250°21', G.-254°51'.
292 G 3096.34	-S. harbor, E. side, N. end, F3.	0° 59.3' N 79° 38.6' W	Fl.R. period 5s fl. 1.5s, ec. 3.5s	43 13	10	White metal tower, red band; 30.	
295 G 3096.36	-No. 3.	0° 59.9' N 79° 38.0' W	Fl.G. period 10s fl. 0.8s, ec. 9.2s	16 5	6	Green metal post.	
300 G 3095	Punta Sua.	0° 52.1' N 79° 52.9' W	Fl.W. period 15s fl. 1.5s, ec. 13.5s	243 74	20	White column; 26.	
304 G 3094	Punta Galera.	0° 49.4' N 80° 03.0' W	Fl.W. period 10s fl. 1.5s, ec. 8.5s	112 34	9	White truncated conical concrete tower, red stripes; 49.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ECUADOR							
308 G 3093	Cabo de San Francisco.	0° 38.8' N 80° 05.4' W	Fl.(3)W. period 20s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 15s	151 46	20	Metal tower, black and white checks; 23.	
312 G 3091	Punta Pedernales.	0° 03.1' N 80° 05.7' W	Fl.W. period 10s fl. 1.5s, ec. 8.5s	115 35	20	White concrete tower, black bands; 23.	
316 G 3090.4	Punta Ballena.	0° 11.1' S 80° 19.8' W	Fl.(2+1)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 5s fl. 1s, ec. 5s	128 39	20	White concrete tower, black band; 26.	
320 G 3090	Cabo Pasado.	0° 22.5' S 80° 29.1' W	Fl.W. period 15s fl. 1s, ec. 14s	279 85	20	White truncated conical concrete tower, orange stripes; 30.	
RIO CHONE:							
324 G 3085	-Punta Bellaca.	0° 36.7' S 80° 27.1' W	Fl.(2)W. period 12s fl. 1.5s, ec. 2s fl. 1.5s, ec. 7s	131 40	20	Orange and white conical concrete tower; 23.	
326 G 3085.5	-Bahia de Caraquez.	0° 36.7' S 80° 25.5' W	Fl.W. period 10s fl. 1s, ec. 9s	30 9	10	Red and white metal structure; 26.	
ARCHIPIELAGO DE COLON (GALAPAGOS ISLANDS):							
328 G 3101	-Punta Lido.	0° 53.4' S 89° 36.8' W	Fl.(2)W. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	43 13	10	White concrete structure, red bands.	
329 G 3101.5	Playa Man.	0° 53.6' S 89° 36.4' W	Fl.(2)W. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	43 13	7	White concrete structure, red stripes; 23.	
331 G 3102	Patricio Hill.	0° 54.1' S 89° 36.8' W	Fl.(2)W. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	95 29	20	Red and white metal structure; 7.	
333 G 3104	-Colorado Mountain.	0° 54.7' S 89° 25.7' W	Fl.(2)W. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	653 199	19	White concrete structure, red bands; 39.	
334 G 3103	--Punta Malamoco.	0° 54.2' S 89° 36.9' W	Fl.(2)W.R.G. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	39 12	12	Red and white checkered metal tower; 20.	R.160°09'-164°39', W.-165°21', G.-169°51'.
336 G 3100	--Rocas Dalrymple.	0° 51.3' S 89° 37.6' W	Fl.(2)W. period 7s	56 17	10	White concrete block; 3.	
337.5 G 3119	-Isla Genovesa Range, front.	0° 19.0' N 89° 57.2' W	Iso.W. period 2s	56 17	16	Orange metal structure; 20.	
338 G 3119.1	--Rear.	0° 19.0' N 89° 57.2' W	Iso.W. period 2s	72 22	12	Orange metal tower; 30.	
340 G 3114	-Isla Santa Maria, Puerto Velasco Ibarra.	1° 16.4' S 90° 29.3' W	Fl.(2)W. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	33 10	9	White and red concrete tower; 23.	
341 G 3114.5	-Post Office.	1° 13.9' S 90° 26.4' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	36 11	10	Orange fiberglass tower; 7.	

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ECUADOR							
344 G 3109	-Isla Baltra.	0° 26.3' S 90° 15.7' W	Fl.(2)W. period 10s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 7.2s	98 30	10	Concrete tower, black and white checks; 23.	
348 G 3106	-Isla Santa Cruz, Bahia Academy, Islote Caamano.	0° 45.6' S 90° 16.7' W	Fl.(2)W. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	39 12	10	White round metal structure; 30.	
352 G 3106.5	-Punta Estrada.	0° 45.7' S 90° 18.3' W	Fl.(2)W. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	46 14	10	Red fiberglass structure, yellow band; 23.	
356 G 3108	--Aeolian.	0° 26.1' S 90° 17.2' W	Fl.(2)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	43 13	10	Red and black fiberglass structure; 23.	
360 G 3107	--Puerto Ayora.	0° 44.7' S 90° 18.7' W	Fl.(2)Y. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	75 23	20	Red metal structure, orange daymark; 66.	Difficult to identify. Fl.Y. on water tank in line 301°.
362 G 3107.1	---Water tank.	0° 44.5' S 90° 19.3' W	Fl.Y. period 10s fl. 1.5s, ec. 8.5s	161 49	8	Orange concrete structure; 79.	
364 G 3113	-Isla Isabela, Puerto General Villamil.	0° 57.2' S 90° 58.4' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	75 23	20	Orange metal structure, white daymark; 66.	
368 G 3112	--Islet.	0° 57.8' S 90° 57.9' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	33 10	14	White concrete tower; 23.	
369 G 3111.5	-Santiago.	0° 14.4' S 90° 51.9' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	46 14	10	Black fiberglass tower, yellow bands; 23.	
369.2 G 3111	-Isla Bartolome.	0° 16.8' S 90° 32.9' W	Fl.(2)W. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	279 85	19	Orange fiberglass tower; 7.	
369.6 G 3107.5	-Plaza.	0° 34.9' S 90° 09.7' W	Fl.W. period 4s fl. 1s, ec. 3s	69 21	10	Orange fiberglass tower; 23.	
370.2 G 3105	-Punta Suarez.	1° 22.2' S 89° 44.7' W	Fl.(2)W. period 12s fl. 1s, ec. 1s fl. 1s, ec. 9s	36 11	20	Black fiberglass tower, red band; 7.	
372 G 3116	-Isla Wenman (Wolf Island).	1° 22.5' N 91° 49.2' W	Fl.W. period 10s fl. 1s, ec. 9s	259 79	10	White concrete structure, red bands; 10.	
BAHIA DE MANTA:							
376 G 3076	-Punta Jaramijo.	0° 55.7' S 80° 39.4' W	Fl.W. period 10s fl. 1s, ec. 9s	115 35	20	White concrete tower, black bands; 56.	
380 G 3073	-Breakwater, head.	0° 55.8' S 80° 43.2' W	Fl.(2)W. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	62 19	20	White square concrete tower, red bottom; 53.	
-RACON					25		
388 G 3071	-Punta Jome.	0° 57.5' S 80° 49.3' W	Fl.(2)W. period 12s fl. 1.5s, ec. 2s fl. 1.5s, ec. 7s	217 66	10	White round concrete tower, black diagonal stripes; 23.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ECUADOR							
392 G 3068	-Cabo San Lorenzo.	1° 03.3' S 80° 54.4' W	Fl.(2)W. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	423 129	20	White truncated conical concrete tower, red stripes; 33.	
396 G 3064	Isla La Plata, NW. end (summit) of island.	1° 15.5' S 81° 04.3' W	Fl.W. period 10s fl. 1s, ec. 9s	620 189	20	White metal framework tower; 92.	
404 G 3060	Isla Salango.	1° 35.4' S 80° 51.9' W	Fl.W. period 15s fl. 1.5s, ec. 13.5s	463 141	20	White concrete tower; 23.	
408 G 3058	Islote El Pelado.	1° 56.1' S 80° 47.4' W	Fl.(2)W. period 8s fl. 1s, ec. 1s fl. 1s, ec. 5s	89 27	9	White concrete tower; 23.	
412 G 3050	Punta Santa Elena.	2° 11.2' S 80° 59.9' W	Fl.(5)W. period 20s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 11s	308 94	20	White concrete structure; 39.	Visible 281°-258°.
416 G 3051	-Chocolatera (La Puntilla).	2° 11.3' S 81° 00.8' W	Fl.(2)W. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	39 12	10	Concrete tower, black and white checks; 20.	
420 G 3052	-Bajo Ballena.	2° 11.7' S 80° 57.5' W	Fl.(2)W. period 8s fl. 0.4s, ec. 1s fl. 0.4s, ec. 6.2s	7 2	7	Black round metal structure, red band; 10.	Isolated danger mark.
424 G 3052.3	-Punta San Lorenzo, Petropolis.	2° 12.1' S 80° 57.4' W	Fl.(3)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	200 61	20	Orange fiberglass structure; 7.	
425.3 G 3052.5	-Duque de Alba.	2° 11.6' S 80° 58.7' W	Fl.(2)W. period 12s fl. 0.5s, ec. 1s fl. 0.5s, ec. 10s	16 5	5	White concrete structure; 13.	
425.6 G 3053.4	-Salinas Yacht Club, head.	2° 12.0' S 80° 58.4' W	L.Fl.W. period 10s fl. 2s, ec. 8s	23 7	4	White concrete structure; 10.	
426 G 3053	-Girasol.	2° 12.3' S 80° 58.1' W	Fl.(3)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	128 39	12	Orange fiberglass structure; 7.	
PUNTA SANTA ELENA:							
428 G 3055	-Punta Centinela.	2° 09.4' S 80° 48.7' W	Fl.(2)W. period 12s fl. 1.5s, ec. 2s fl. 1.5s, ec. 7s	256 78	20	Fiberglass structure; 7.	
429 G 3053.8	-Rompeolas.	2° 13.0' S 80° 55.3' W	Fl.W. period 4s fl. 1.5s, ec. 2.5s	33 10	8	White concrete structure, red bands; 23.	
430 G 3054	-Beacon No. 1.	2° 13.1' S 80° 55.3' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	13 4	4	White concrete structure; 10.	
431 G 3054.2	-Beacon No. 2.	2° 13.1' S 80° 55.3' W	Fl.R. period 4s fl. 0.4s, ec. 3.6s	13 4	4	White concrete structure; 10.	
432 G 3053.9	-Libertad.	2° 13.0' S 80° 54.4' W	Fl.(2)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	36 11	10	Metal structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ECUADOR							
433 G 3054.5	-Ballenita.	2° 12.4' S 80° 52.9' W	Fl.(2)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	26 8	9	White concrete tower, red bands.	
436 G 3049.4	Punta Ancon, Anconcito.	2° 19.8' S 80° 53.7' W	Fl.(2)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	164 50	20	White concrete tower, black bands; 26.	
438 G 3049.2	Real.	2° 23.7' S 80° 43.8' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	95 29	20	White concrete tower, orange bands; 39.	
442 G 3048.8	Punta de Piedra.	2° 33.6' S 80° 30.6' W	Fl.(3)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	56 17	20	White concrete structure, red bands; 30.	
GOLFO DE GUAYAQUIL:							
444 G 3037	-Punta Chapoya.	2° 38.4' S 80° 26.1' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	79 24	20	White metal tower; 46.	
450 G 3040.8	-DATA 1 Approach Range, front.	2° 43.2' S 80° 18.1' W	Fl.W. period 4s fl. 0.8s, ec. 3.2s	52 16	14	White metal tower, orange daymark; 33.	Visible on range line only.
450.1 G 3040.81	-DATA 2, rear, 0.65 mile 079°15' from front.	2° 43.1' S 80° 17.5' W	Fl.W. period 4s fl. 0.8s, ec. 3.2s	115 35	14	White metal tower, orange daymark; 76.	Visible on range line only.
452 G 3038	-Cauchiche Range, front, A1.	2° 47.5' S 80° 14.6' W	Fl.W. period 4s fl. 0.8s, ec. 3.2s	33 10	14	White metal structure, orange daymark; 36.	Visible 129°-133°.
456 G 3038.1	--Rear, A2, 1.1 miles, 131° from front.	2° 48.2' S 80° 13.8' W	Fl.W. period 4s fl. 0.8s, ec. 3.2s	92 28	14	Metal framework tower, orange daymark; 49.	Visible 129°-133°.
460 G 3040.6	-Farallones.	2° 43.9' S 80° 13.3' W	Fl.W. period 4s fl. 0.4s, ec. 3.6s	66 20	20	Metal framework tower, orange daymark; 33.	
462 G 3041	-B Range, front, B1.	2° 38.1' S 80° 13.7' W	Fl.W. period 4s fl. 0.8s, ec. 3.2s	33 10	14	White metal structure, orange daymark; 33.	Visible 001°45'-045°47'.
463 G 3041.1	--Rear, B2, 0.7 mile, 003°48' from front.	2° 37.3' S 80° 13.6' W	Fl.W. period 4s fl. 0.8s, ec. 3.2s	108 33	14	White metal framework tower, orange daymark; 85.	Visible 001°45'-045°47'.
464 G 3042	-Seiba Rock.	2° 38.2' S 80° 13.1' W	Fl.W. period 5s fl. 0.8s, ec. 4.2s	13 4	9	White truncated structure, orange band; 10.	
468 G 3043	-C Range, front, C1.	2° 35.4' S 80° 08.1' W	Fl.W. period 4s fl. 0.8s, ec. 3.2s	33 10	14	White metal structure, orange daymark; 33.	Visible 065°30'-069°30'.
472 G 3043.1	--Rear, C2, 0.7 mile, 067°30' from front.	2° 35.1' S 80° 07.4' W	Fl.W. period 4s fl. 0.8s, ec. 3.2s	75 23	14	White concrete and metal structure, orange daymark; 76.	Visible 065°30'-069°30'.
474 G 3046	-E Range, front, E1.	2° 24.6' S 80° 01.2' W	Fl.W. period 4s fl. 0.8s, ec. 3.2s	23 7	14	White metal and concrete framework tower, orange daymark; 23.	Visible 035°-039°.
474.5 G 3046.1	--Rear, E2, 1.55 miles, 037° from front.	2° 23.2' S 80° 00.3' W	Fl.W. period 4s fl. 0.8s, ec. 3.2s	79 24	14	White metal and concrete tower, orange daymark; 82.	Visible 035°-039°.
475 G 3047	-F Range, front, F1.	2° 21.1' S 80° 00.6' W	Fl.W. period 4s fl. 0.8s, ec. 3.2s	20 6	14	White metal and concrete structure, orange daymark; 23.	Visible 014°30'-018°30'.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ECUADOR							
475.5 G 3047.1	--Rear, F2, 0.8 mile, 017°11' from front.	2° 20.2' S 80° 00.4' W	Fl.W. period 4s fl. 0.8s, ec. 3.2s	62 19	14	White metal and concrete framework tower, orange daymark; 59.	Visible 014°30'-018°30'.
476.5 G 3047.6	-No. 76.	2° 18.8' S 79° 55.4' W	Fl.R. period 4s fl. 1s, ec. 3s	20 6	9	White concrete and metal tower; 10.	
477 G 3047.8	-No. 81.	2° 17.8' S 79° 55.0' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	20 6	9	White metal tower; 13.	
477.3 G 3047.9	-81A.	2° 17.1' S 79° 55.0' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	20 6	9	White metal structure; 13.	
477.7 G 3048.1	-No. 85.	2° 17.1' S 79° 54.4' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	20 6	9	White metal structure; 13.	
477.9 G 3048.2	-IT.	2° 16.7' S 79° 55.0' W	Fl.(2+1)G. period 10s			White concrete and metal structure; 13.	
RIO GUAYAS:							
480 G 3035	-Punta de Piedra.	2° 25.9' S 79° 51.2' W	Fl.W. period 4s fl. 1s, ec. 3s	33 10	20	White metal tower; 33.	
GOLFO DE GUAYAQUIL:							
488 G 3033	-Isla Verde, E. side.	2° 38.6' S 79° 56.0' W	Fl.W. period 6s fl. 1s, ec. 5s	36 11	20	White metal and concrete tower; 30.	
492 G 3032	-Punta Mandinga.	2° 44.3' S 79° 53.9' W	Fl.(2)W. period 8s fl. 1s, ec. 1s fl. 1s, ec. 5s	171 52	20	White square metal tower; 49.	
496 G 3031	-Punta Espanola, E. side of Isla de Puna.	2° 47.5' S 79° 55.9' W	Fl.(2)W. period 12s fl. 1.5s, ec. 2s fl. 1.5s, ec. 7s	69 21	20	White metal framework tower; 49.	
500 G 3026	-Punta Arenas, SE. end of Isla de Puna.	3° 01.2' S 80° 07.2' W	Fl.(2)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	59 18	20	White metal and concrete tower; 59.	
508 G 2996	Isla de Santa Clara.	3° 10.4' S 80° 26.3' W	Fl.(2)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	266 81	20	White concrete structure; 20.	
512 G 3028	-Punta Jambeli, Rio Santa Rosa, W. side of entrance.	3° 12.4' S 80° 01.6' W	Fl.(2)W. period 10s	59 18	20	White conical concrete tower, red spiral bands; 53.	
517 G 3028.6	--Bajo Salinas	3° 14.4' S 80° 00.1' W	Iso.W. period 4s	43 13	13	White metal and concrete structure, orange daymark; 30.	
520 G 3029	-Puerto Bolivar.	3° 16.1' S 80° 00.1' W	Fl.(2)W. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	125 38	20	Church tower; 125.	
521 G 3029.4	-Mogote Sur.	3° 17.3' S 80° 01.0' W	Fl.(3)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	13 4	8	White concrete pile, orange daymark; 10.	
522 G 2998	-Isla San Gregorio, Payana.	3° 22.6' S 80° 18.3' W	Fl.(2)W. period 8s fl. 1s, ec. 1s fl. 1s, ec. 5s	36 11	20	White framework tower; 30.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PERU							
528 G 2202	Punta Capones.	3° 24.7' S 80° 18.8' W	Fl.(3)W. period 15s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 10.5s	66 20	9	Pyramidal concrete tower, red and white bands; 49.	
536 G 2180	Contraalmirante Villar.	3° 40.9' S 80° 41.0' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	210 64	19	White pyramidal concrete tower, black bands; 59.	
540 G 2158	Mancora.	4° 06.5' S 81° 03.4' W	Fl.(2+1)W. period 20s fl. 0.5s, ec. 2.5s fl. 0.5s, ec. 6s fl. 0.5s, ec. 10s	187 57	18	White pyramidal concrete tower, red bands; 39.	
541 G 2159	-Mole, head.	4° 06.6' S 81° 04.1' W	Fl.R.		4		
TALARA:							
542 G 2156	Los Organos, mole, head.	4° 10.6' S 81° 08.1' W	Fl.R.		4		
544 G 2153	Cabo Blanco.	4° 15.2' S 81° 14.3' W	Fl.(2)W. period 10s fl. 0.5s, ec. 3s fl. 0.5s, ec. 6s	128 39	16	White pyramidal concrete tower, black bands; 39.	
568 G 2140	-Punta Talara.	4° 34.5' S 81° 17.1' W	Fl.(2)W. period 15s fl. 0.5s, ec. 2s fl. 0.5s, ec. 12s	201 61	19	Black round concrete tower, white band; 26.	2 F.R. on radio masts 1.4 miles S.
570	-Dolphin.	4° 34.4' S 81° 16.9' W	F.R.		3		
572 G 2141	-Range, front.	4° 34.5' S 81° 16.6' W	F.G.	69 21	2	Tubular tripod, upper part green, lower part gray.	
576 G 2141.1	--Rear, 540 meters 143° from front.	4° 34.7' S 81° 16.5' W	F.G.	95 29	2	Tubular tripod, upper part green, lower part gray.	
577	-Range, front.	4° 35.5' S 81° 17.4' W	F.G.				
578	--Rear, 140 meters 115°40' from front.	4° 35.6' S 81° 17.3' W	F.G.				
580 G 2138	Punta Parinas.	4° 40.2' S 81° 19.7' W	L.Fl.W. period 10s fl. 2s, ec. 8s	240 73	18	White truncated conical concrete tower, red bands; 59.	
RACON			R(• - •)				
PAITA:							
581 G 2132.7	-Tierra Colorada, Corma.	5° 04.7' S 81° 08.9' W	F.R.				
582 G 2132.75	-Sipesa.	5° 04.7' S 81° 08.8' W	F.R.G.		3		
583 G 2132.76	-Santa Monica.	5° 04.6' S 81° 08.7' W	F.R.				
584 G 2132.8	-Paita.	5° 04.4' S 81° 07.6' W	Fl.(2)W. period 20s fl. 0.5s, ec. 3.5s fl. 0.5s, ec. 15.5s	236 72	18	Black pyramidal concrete tower, orange bands; 60.	
-RACON			M(- -)				
588 G 2133.2	-Production Marina mole, head.	5° 04.1' S 81° 07.4' W	F.R.	39 12	1	Post; 20.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PERU							
592 G 2133.3	-Fishing complex pier, head.	5° 04.4' S 81° 07.3' W	F.R.			1 Post.	
595 G 2133.35	Port Authority pier, head.	5° 04.8' S 81° 06.5' W	Fl.R.			4	
596 G 2133.4	-Range, front, Port Authority pier.	5° 05.1' S 81° 06.4' W	Fl.G. period 3s fl. 0.5s, ec. 2.5s	39 12		3 Metal tower; 13.	
600 G 2133.41	--Rear, 240 meters 150° from front.	5° 05.2' S 81° 06.4' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	52 16		4 Tower; 13.	
602 G 2133.7	-Range, front.	5° 04.4' S 81° 07.3' W	F.G.	69 21		2 Tower.	
602.5 G 2133.71	--Rear, 62 meters 226° from front.	5° 04.4' S 81° 07.3' W	F.G.	118 36		2 Tower.	
604 G 2132	Isla Foca.	5° 12.7' S 81° 12.5' W	Fl.(2)W. period 15s fl. 0.5s, ec. 1s fl. 0.5s, ec. 13s	197 60		15 White truncated conical tower, black bands; 15.	
608 G 2127	-Bayovar.	5° 47.9' S 81° 04.0' W	Fl.(2)W. period 15s fl. 0.3s, ec. 2.2s fl. 0.3s, ec. 12.2s	604 184		19 Black pyramidal concrete tower, white bands; 59.	2 F.R. (vert.) on radio mast 400 meters S.
	-RACON		B(- • • •)				
616 G 2127.4	-Range, front.	5° 47.8' S 81° 03.0' W	F.G.	128 39		4 Orange metal tower; 66.	
	-RACON		B(- • • •)				
620 G 2127.41	--Rear, about 100 meters 235° from front.	5° 48.0' S 81° 03.2' W	F.G.	157 48		4 Orange metal tower; 20.	
628 G 2125	Punta La Negra.	6° 03.5' S 81° 06.5' W	Fl.W. period 10s fl. 1s, ec. 9s	121 37		9 Black pyramidal concrete tower, white bands; 39.	
632 G 2124	Isla Lobos de Tierra.	6° 25.3' S 80° 51.5' W	Fl.(4)W. period 20s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 13.5s	217 66		9 White round metal tower, red bands; 59.	
636 G 2112	Islas Lobos De Afuera.	6° 55.8' S 80° 42.3' W	Fl.W. period 10s fl. 0.3s, ec. 9.7s	282 86		27 Pyramidal concrete tower, black and white bands; 59.	
640 G 2119	San Jose.	6° 46.2' S 79° 58.2' W	Fl.(2)W. period 4s fl. 0.5s, ec. 1s fl. 0.5s, ec. 2s	46 14		7 Red metal tower, white band; 39.	
649 G 2121	Santa Rosa.	6° 53.6' S 79° 54.8' W	Fl.(3)W. period 15s			5	
656 G 2117	Eten.	6° 57.4' S 79° 51.2' W	Fl.W. period 10s fl. 0.4s, ec. 9.6s	52 16		16 Black round concrete tower, white band; 33.	
664 G 2106	Punta Pacasmayo.	7° 25.0' S 79° 35.3' W	Fl.(3)W. period 15s fl. 0.3s, ec. 2.3s fl. 0.3s, ec. 2.3s fl. 0.3s, ec. 9.5s	79 24		16 Concrete tower, black and white checks; 36.	
676 G 2096	Isla de Macabi.	7° 47.4' S 79° 30.0' W	Fl.(2)W. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	187 57		10 Yellow round fiberglass pillar; 23.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PERU							
SALAVERRY:							
680 G 2089	-Morro Carretas.	8° 13.7' S 78° 58.7' W	Fl.(3)W. period 10s fl. 0.2s, ec. 1.4s fl. 0.2s, ec. 1.4s fl. 0.2s, ec. 6.6s	413 126	21	Black pyramidal concrete tower, orange band; 56.	Aero Radiobeacon 11.2 miles NW.
681 G 2091.3	-Artesanal mole, head.	8° 13.4' S 78° 58.9' W	Fl.R.		3		
682 G 2090.2	-Range, front.	8° 13.5' S 78° 58.8' W	F.R.	52 16	5	Tower, red rectangular daymark; 39.	
682.5 G 2090.21	--Rear, 181 meters 103° from front.	8° 13.5' S 78° 58.7' W	F.R.	67 20	5	Tower, red rectangular daymark; 52.	
684 G 2090	-W. breakwater, head.	8° 13.5' S 78° 59.4' W	Fl.R. period 5s fl. 1s, ec. 4s	49 15	3	Red post; 13.	
687 G 2091	--Pier No. 1, head.	8° 13.6' S 78° 59.1' W	F.G., F.R.	32 10	2	Gray post; 13.	
688 G 2092	--Pier No. 2, head.	8° 13.6' S 78° 59.0' W	F.G., F.R.	32 10	2	Gray post; 13.	
690 G 2089.5	-Breakwater, head.	8° 14.1' S 78° 59.5' W	F.R.				
692 G 2088	Islas de Guanape, summit of S. island.	8° 33.8' S 78° 58.1' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	456 139	9	White round metal tower, black bands; 28.	
BAHIA DE CHIMBOTE:							
696 G 2086	-Punta Chimbote.	9° 04.8' S 78° 37.4' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s		4	Green metal structure; 13.	
697 G 2086.1	-Paso del Norte Range, front.	9° 04.8' S 78° 36.7' W	Fl.G. period 1.3s fl. 0.5s, ec. 0.8s	31 10	5	Iron tower, concrete base; 26.	
697.5 G 2086.11	--Rear, 400 meters 076°30' from front.	9° 04.7' S 78° 36.5' W	Fl.G. period 3s fl. 0.5s, ec. 2.5s	46 14	5	Iron tower, concrete base; 39.	
698 G 2086.4	-Mineral dock No. 3.	9° 04.7' S 78° 36.7' W	Fl.(2)R. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	20 6	2	Red metal post; 11.	
699 G 2086.6	--SE. corner.	9° 04.8' S 78° 36.6' W	Fl.(2)R. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	20 6	4	Metal tower; 13.	
700 G 2085	--Islote Roca Blanca.	9° 05.0' S 78° 37.4' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	85 26	4	Red metal framework tower; 13.	
701 G 2086.5	--Pier No. 3, head.	9° 04.8' S 78° 36.8' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	16 5	2	Metal post; 11.	
702 G 2086.2	--Pier No. 1, head.	9° 04.8' S 78° 37.0' W	Fl.(2)R. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	26 8	2	Red metal post; 20.	
703 G 2086.3	--Pier No. 2, head.	9° 04.6' S 78° 36.8' W	Fl.(2)R. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	20 6	2	Black metal post; 13.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PERU							
705 G 2087.95	-Jetty.	9° 07.5' S 78° 34.0' W	Fl.R. period 3s		4		
708 G 2084.4	N. Ferrol Island.	9° 08.4' S 78° 37.2' W	Fl.(2)W. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	299 91	10	Red round fiberglass tower, white band; 23.	
	RACON		Z(- - • •)				
712 G 2080	Casma Bay.	9° 27.9' S 78° 23.5' W	Fl.(3)W. period 15s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 10.5s	794 242	9	Yellow square concrete tower; 39.	
716 G 2076	Punta Cabeza Lagarto.	10° 06.4' S 78° 11.0' W	Fl.(2)W. period 30s fl. 0.5s, ec. 4.7s fl. 0.5s, ec. 24.3s	243 74	16	White square concrete tower, red bands; 21.	
724 G 2075	Bahia Supe, mole, head.	10° 47.7' S 77° 44.8' W	F.R.	38 12	3	Tower; 20.	
728 G 2074	Punta Thomas.	10° 48.2' S 77° 45.2' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	200 61	17	Black round concrete tower, yellow band; 59.	F.R. on radio mast 1.43 miles N.
732 G 2071	Punta Huacho.	11° 07.5' S 77° 37.1' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	266 81	19	White round concrete tower; 33.	
736 G 2069	Bahia Salinas.	11° 13.1' S 77° 38.2' W	Fl.W. period 4s fl. 1s, ec. 3s	269 82	9	White metal tower, orange bands; 52.	Aero Radiobeacon 5.3 miles SSE.
740 G 2068	Isla Mazorca.	11° 23.1' S 77° 44.5' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	417 127	18	Black round iron tower, white band; 25.	Radiobeacon.
744 G 2067	Isla Pelado.	11° 26.5' S 77° 50.7' W	Fl.(4)W. period 20s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 13.5s	203 62	9	Gray round tower; 8.	
748 G 2066	Bahia Chancay, mole, head.	11° 34.8' S 77° 16.2' W	F.R.	33 10	3	Tower; 52.	
752 G 2065	Punta Chancay.	11° 35.2' S 77° 16.9' W	Fl.(3)W. period 15s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 10.5s	220 67	9	Yellow round concrete tower; 37.	AIS (MMSI No 997601005).
754 G 2063.6	Ancon.	11° 46.5' S 77° 11.6' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	564 172	17	Orange round concrete tower, black band; 59.	
756 G 2063	Isla Grande, Grupo de Pescadores.	11° 46.5' S 77° 15.9' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	135 41	9	Square concrete tower, red and white bands; 26.	
764 G 2063.4	Isla Huaquillo.	11° 46.8' S 77° 11.8' W	Fl.(4)W. period 20s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 13.5s	125 38	9	White concrete tower, blue bands; 16.	
768 G 2062	Hormigas de Afuera.	11° 57.3' S 77° 43.7' W	Fl.(2)W. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	105 32	9	Black and white metal tower; 49.	AIS (MMSI No 997606004).
770 G 2061	Pier, head.	12° 00.0' S 77° 08.4' W	F.R.				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PERU							
CALLAO:							
774	-Sea buoy.	12° 02.2' S 77° 13.6' W	Fl.(4)W. period 10s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 3.2s			SAFE WATER RW, pillar.	
-RACON							
X(- • • -)							
780 G 2053	-N. breakwater, head.	12° 02.8' S 77° 09.3' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	30 9		Dolphin.	AIS (MMSI No 997606006).
784 G 2053.4	-S. breakwater, head.	12° 03.0' S 77° 09.3' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	30 9			AIS (MMSI No 997606007).
786 G 2054	-Range, front.	12° 03.0' S 77° 08.6' W	Q.G.	108 33	5		Visible 096°-102°.
786.5 G 2054.1	--Rear, 245 meters 099° from front.	12° 03.0' S 77° 08.5' W	Fl.G. period 3s fl. 0.5s, ec. 2.5s	131 40	5		Visible 096°-102°.
788 G 2052	-AVIATION LIGHT.	12° 01.4' S 77° 06.3' W	Al.Fl.W.G. period 12s	289 88		24 On control tower.	
790 G 2058.4	-Pier, head.	12° 03.9' S 77° 09.4' W	Fl.R. period 3s fl. 0.5s, ec. 2.5s			4 Triangular metal tower.	
792 G 2059	-La Punta.	12° 04.3' S 77° 10.0' W	Fl.(3)W. period 20s fl. 0.5s, ec. 3s fl. 0.5s, ec. 6s fl. 0.5s, ec. 9.5s	138 42		20 Gray round structure.	AIS (MMSI No 997606002).
796 G 2058	-Clock tower, Muelle de Guerra.	12° 03.5' S 77° 08.9' W	Fl.(2)G. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	49 15		4 White round metal tower, blue bands; 39.	
805.2 G 2055	-Petroleum wharf.	12° 02.7' S 77° 09.1' W	Fr.	20 6		3 Black and red tower; 10.	
805.4 G 2056.3	-Pier 4, head.	12° 02.8' S 77° 08.7' W	Fr.			3	
805.5 G 2056.4	-Pier 3, head.	12° 02.9' S 77° 08.9' W	Fr.			3	
805.6 G 2056.5	-Pier 2, head.	12° 03.0' S 77° 08.8' W	Fr.			3	
805.7 G 2056.6	-Pier 1, head.	12° 03.1' S 77° 08.8' W	Fr.			3	
806	-Muelle Marginal.	12° 02.3' S 77° 08.8' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	39 12		8 Metal triangular tower.	
812 G 2049	-Gran Almirante Grau.	12° 03.7' S 77° 14.8' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	1014 309		20 Black round metal tower, yellow bands; 51.	AIS (MMSI No 997601002).
816 G 2050	-San Lorenzo Naval Base, pier, head.	12° 04.9' S 77° 12.3' W	Fr.	42 13		5 White metal framework tower; 30.	
836 G 2045	La Marina.	12° 07.4' S 77° 02.4' W	Fl.(2+1)W. period 15s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 6s fl. 0.5s, ec. 6s	354 108		12 Blue round metal tower, white bands; 72.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PERU							
900 G 2029.4	San Nicolas.	15° 15.4' S 75° 15.4' W	Fl.W. period 6s fl. 0.3s, ec. 5.7s	152 46	26	Black round pyramidal tower, white band; 59.	
RACON		C(- • - •)					
904 G 2029.5	-Breakwater, head.	15° 14.9' S 75° 14.8' W	F.R.	29 9	3	Round metal tower, 16.	
908 G 2029.8	-Pier, head.	15° 15.1' S 75° 14.5' W	F.G.	25 8	3	Metal column; 26.	
912 G 2029.7	-Dolphin.	15° 14.9' S 75° 14.7' W	F.R.	20 6	2	Post; 7.	
914	-Bentonita Plant.	15° 15.5' S 75° 14.5' W	F.G.	180 55	1	Tower.	On building 900 meters S. of mineral dock head.
SAN JUAN:							
915 G 2028.5	-Muelle Acari, head.	15° 20.8' S 75° 09.5' W	Fl.R. period 3s	59 18	2	Tower, red and white triangular topmark; 23.	
916 G 2028	-Punta San Juan.	15° 21.7' S 75° 10.9' W	Fl.(2)W. period 15s fl. 0.5s, ec. 4s fl. 0.5s, ec. 10s	312 95	17	White concrete tower; 40.	
920 G 2025	Punta Lomas.	15° 34.1' S 74° 51.1' W	Fl.W. period 7s fl. 1s, ec. 6s	89 27	9	Square pillar, red and black bands; 28.	
924 G 2022	Chala.	15° 52.5' S 74° 14.3' W	Fl.(3)W. period 20s fl. 0.5s, ec. 3s fl. 0.5s, ec. 3s fl. 0.5s, ec. 12.5s	489 149	9	Black square concrete tower, white band; 23.	
MATARANI:							
932 G 2018	-Punta Atico.	16° 14.4' S 73° 42.2' W	Fl.W. period 15s fl. 0.7s, ec. 14.3s	331 101	19	White round concrete tower, red bands; 59.	
936 G 2016	-Caleta Planchada.	16° 24.7' S 73° 13.6' W	Fl.W. period 10s fl. 0.4s, ec. 9.6s	315 96	19	White round concrete tower, black bands; 33.	
944 G 2014	-Quilca.	16° 42.8' S 72° 26.2' W	Fl.W. period 10s fl. 1s, ec. 9s	315 96	15	White pyramidal tower, black bands; 19.	
948 G 2011	-Islote Pan de Azucar.	16° 59.6' S 72° 06.6' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	33 10	7	Gray concrete hut; 8.	
951 G 2013	-Range, front.	16° 59.7' S 72° 06.2' W	Q.G.		5	Tower; 39.	
955 G 2013.1	--Rear, about 60 meters 103° from front.	16° 59.7' S 72° 06.2' W	Fl.G. period 3s fl. 0.5s, ec. 2.5s		5	Metal tower, red daymark; 39.	
QUILCA:							
968 G 2011.4	-W. breakwater, head.	16° 59.7' S 72° 06.5' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	33 10	4	Red tower; 19.	
972 G 2011.6	-E. breakwater, head.	16° 59.7' S 72° 06.4' W	Q.G.	33 10	4	Gray metal framework tower; 18.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PERU							
976 G 2010	Punta Islay.	17° 00.9' S 72° 06.8' W	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	213 65	19	Red pyramidal tower, black bands; 43. Floodlit.	
	RACON		G(- - •)				
	ILO:						
978 G 2006	-Rampa Enapu Range, front.	17° 38.7' S 71° 20.8' W	Q.G.	49 15	5	Metal tower, red daymark.	
979 G 2006.1	--Rear, 66 meters 076° from front.	17° 38.7' S 71° 20.8' W	Fl.G. period 3s fl. 0.5s, ec. 2.5s	56 17	5	Metal tower, red daymark.	
980 G 2003.4	-N. breakwater, head.	17° 38.7' S 71° 21.1' W	F.R.	26 8	3	Metal mast; 10.	
984 G 2004	-Range, front, mole, head.	17° 38.7' S 71° 21.2' W	2 F.R. (horiz.)	108 33	3	White metal framework tower; 6.	
988 G 2004.1	--Rear, 900 meters 109° from front.	17° 39.1' S 71° 20.7' W	Iso.G. period 2s	115 35	3	Metal post; 10.	
992 G 2002	Punta Coles.	17° 42.4' S 71° 22.9' W	Fl.(2)W. period 15s fl. 0.5s, ec. 2.5s fl. 0.5s, ec. 11.5s	118 36	19	Black round concrete tower, white bands; 49.	
996 G 2001	Punta Sama.	17° 59.5' S 70° 53.0' W	L.Fl.W. period 5s fl. 2s, ec. 3s	122 37	10	White concrete tower, black bands; 39.	
998 G 2000.4	Boca del Rio.	18° 09.2' S 70° 40.1' W	Fl.W. period 15s fl. 0.7s, ec. 14.3s	167 51	19	White square tower, pyramidal base, red band; 39.	
1000 G 2000	Los Palos.	18° 17.1' S 70° 25.6' W	Fl.W. period 6s fl. 1s, ec. 5s	259 79	9	Round fiberglass pillar, black and white bands; 26.	
1004 G 1996	La Concordia.	18° 20.8' S 70° 22.5' W	Dir. Fl.(2)G. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	82 25	8	Concrete tower, blue and white bands; 69.	Visible 086°30'-093°30'.

Section 2

Chile

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
ARICA:							
1008 G 1987	-Concordia.	18° 20.0' S 70° 22.0' W	Dir.Fl.G. period 5s fl. 0.3s, ec. 4.7s	138 42	14	White truncated pyramidal iron tower, square base, red bands; 64.	Visible 350°-240°. Fl.R. obstruction light on top of tower. Radar reflector. Aero Radiobeacon 2.2 miles ESE.
1010 G 1986.4	-Breakwater.	18° 28.6' S 70° 19.6' W	Fl.(3)R. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	23 7	4	Red fiberglass pillar; 8.	Visible 097°-179°.
1012 G 1984	-Isla Alacran.	18° 28.6' S 70° 19.9' W	Fl.W. period 15s fl. 0.5s, ec. 14.5s	75 23	19	White fiberglass tower, red band; 26.	F.R. lights on radio masts 1.1 miles NE., 2.1 miles ENE., 0.9 mile E. and 0.9 mile SE.
1016 G 1985	-N. breakwater, head.	18° 28.2' S 70° 19.4' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	23 7	7	Green fiberglass tower; 13.	
1020 G 1986	-Breakwater, head.	18° 27.9' S 70° 19.5' W	Fl.R. period 5s fl. 0.3s, ec. 4.7s	66 20	14	Red round concrete tower; 39.	
1028 G 1978	Punta Pichalo.	19° 35.9' S 70° 14.0' W	Fl.W. period 12s fl. 0.3s, ec. 11.7s	180 55	13	White fiberglass tower, red band; 13.	Visible 309°-221°.
IQUIQUE:							
1036 G 1968	-Molo de Abrigo, head.	20° 12.0' S 70° 09.5' W	Fl.R. period 10s fl. 0.3s, ec. 9.7s	62 19	14	Red conical concrete tower, red triangular daymark; 44.	
1040 G 1969	-Espigon de Atraque, NE. corner.	20° 12.2' S 70° 09.4' W	Fr.	34 10	1	White post, white triangular daymark, red border; 18.	
1042 G 1969.2	--NW. corner.	20° 12.2' S 70° 09.4' W	F.G.	30 9	1	White post, white triangular daymark, red border; 13.	
1048 G 1972	-Patilliguaje Rock.	20° 12.4' S 70° 09.3' W	Fl.(2+1)G. period 14s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s fl. 0.3s, ec. 7.7s	16 5	5	PREFERRED CHANNEL (B) GRG, tower; 11.	
1050 G 1974.3	-Serrano Peninsula.	20° 12.4' S 70° 09.6' W	Fl.W. period 12s fl. 0.3s, ec. 11.7s	128 39	19	White round metal tower, red bands; 72.	
1060 G 1974	-Range, front, passenger mole, head.	20° 12.6' S 70° 09.3' W	Fr.		3	Red post, white bands, white triangular topmark; 20.	
1064 G 1974.1	--Rear, 43 meters 197° from front.	20° 12.7' S 70° 09.3' W	Fr.		3	Red post, white bands, white triangular topmark; 13.	
1072 G 1964	-Punta Gruesa.	20° 21.7' S 70° 10.8' W	Fl.W. period 10s fl. 0.3s, ec. 9.7s	89 27	14	White pyramidal concrete tower, blue base; 33.	Visible 004°-205°.
1076 G 1963	-Punta Patillos.	20° 45.2' S 70° 11.9' W	Fl.W. period 5s fl. 0.3s, ec. 4.7s	135 41	13	White fiberglass tower, red bands; 13.	Visible 348°-063° and 073°-186°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1078 G 1961	-Punta Chomache.	21° 07.5' S 70° 08.0' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	49 15	5	White fiberglass pillar, red band; 11.	Visible 330°-208°.
1080 G 1960	Punta Falsa Chipana.	21° 20.5' S 70° 05.3' W	Fl.W. period 15s fl. 0.7s, ec. 14.3s	20 6	8	White fiberglass pillar, red bands; 8.	Visible 347°-246°.
1084 G 1958	-Muelle S.I.T., head.	22° 05.6' S 70° 13.8' W	2 F.W.	39 12	3	Metal post; 22.	One on each side of head. Private light.
1096 G 1956	Punta Algodanales.	22° 05.7' S 70° 13.1' W	Fl.W. period 12s fl. 0.4s, ec. 11.6s	79 24	16	White fiberglass tower, red band; 26.	Visible 048°-041°.
MEJILLONES:							
1097 G 1952.1	-Vopack Oxiquim Terminal Range No. 1, front.	23° 06.0' S 70° 28.6' W	Fl.W. period 3s fl. 1s, ec. 2s	55 17	6	Metal post, white rectangular daymark, orange stripe; 18.	Visible 162°-270°.
1097.1 G 1952.2	--Rear, No. 2, 411 meters 245° from front.	23° 06.1' S 70° 28.8' W	Fl.W. period 3s fl. 1s, ec. 2s	80 24	6	Metal post, white rectangular daymark, orange stripe; 39.	Visible 165°-265°.
1098 G 1953	-Puerto Mejillones del Sur.	23° 05.9' S 70° 27.2' W	Fl.G. period 3s fl. 1s, ec. 2s	66 20	6	Balcony of Harbor Master's office; 59.	Visible 038°-326°.
1099 G 1954.3	-No. 3, Range, common front.	23° 05.6' S 70° 25.6' W	Fl.G. period 3s fl. 1s, ec. 2s	55 17	5	Metal post, white rectangular daymark, orange stripe; 18.	Visible 088°-245°.
1099.1 G 1954.2	--Rear, No. 4, 391 meters 168° from front.	23° 05.8' S 70° 25.6' W	Fl.G. period 3s fl. 1s, ec. 2s	96 29	5	Metal post, white rectangular daymark, orange stripe; 28.	Visible 086°-234°.
1099.2 G 1954.4	--Rear, No. 5, 391 meters 163° from front.	23° 05.8' S 70° 25.6' W	Fl.G. period 3s fl. 1s, ec. 2s	96 29	5	Metal post, white rectangular daymark, orange stripe; 26.	Visible 086°-234°.
1100 G 1954	-On tower.	23° 06.5' S 70° 26.5' W	Q.R.		6	Red iron framework tower, white bands; 100.	Obstruction. Aero Radiobeacon.
1101 G 1955.1	-ENAEX Terminal Range, front.	23° 05.6' S 70° 25.5' W	F.G.	72 22	4		Occasional.
1101.5 G 1955.11	--Rear, 150 meters 199° from front.	23° 05.7' S 70° 25.5' W	F.R.	72 22	4		Occasional.
1102 G 1955.2	-Puerto Mejillones SA Terminal Range, front.	23° 05.2' S 70° 25.0' W	F.G.	33 10	4		Occasional.
1102.5 G 1955.21	--Rear, 200 meters 146° from front.	23° 05.3' S 70° 24.9' W	F.R.	66 20	4		Occasional.
1102.6 G 1955.25	--On chimney.	23° 05.3' S 70° 24.7' W	Fl.R. period 2s	148 45	8		
1103 G 1955.3	-Interacid Terminal Range, front.	23° 04.8' S 70° 23.9' W	Q.R.	62 19	4		Occasional.
1103.5 G 1955.31	--Rear, 120 meters 181° from front.	23° 04.9' S 70° 23.9' W	Fl.R. period 2s	79 24	4		Occasional.
1103.6 G 1955.35	--E.	23° 04.9' S 70° 23.1' W	F.R.	282 86	5		
1104 G 1955.4	-Puerto Angamos Terminal Range, front.	23° 04.2' S 70° 23.1' W	Q.R.	98 30	4		
1104.5 G 1955.41	--Rear, 180 meters 130° from front.	23° 04.3' S 70° 23.0' W	F.R.	115 35	4		
1105 G 1955.54	-Range, front.	23° 04.2' S 70° 23.0' W	Q.R.	85 26	4	White metal framework tower, triangular daymark, point up, orange band; 16.	Visible 061°-210°. Private light.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1105.5 <i>G 1955.535</i>	--Common Rear.	23° 04.2' S 70° 22.9' W	F.R.	121 37	4	White metal framework tower, triangular daymark, point down, orange band; 20.	Visible 068°-203°. Private light.
1105.6 <i>G 1955.53</i>	-Range, front.	23° 04.1' S 70° 22.9' W	Q.R.	85 26	4	White metal framework tower, triangular daymark, point up, orange band; 16.	Visible 060°-221°. Private light.
1106 <i>G 1955.52</i>	-N. Mole.	23° 03.9' S 70° 23.3' W	FI.R. period 3s fl. 1s, ec. 2s	26 8	5	Red metal framework tower, red triangular daymark, point up; 13.	Visible 052°-231°. Private light.
1107 <i>G 1955.51</i>	-S. Mole.	23° 04.0' S 70° 23.3' W	FI.G. period 3s fl. 1s, ec. 2s	26 8	5	Green metal framework tower, square daymark; 13.	Visible 052°-231°. Private light.
1108 <i>G 1952</i>	Punta Angamos.	23° 01.6' S 70° 31.0' W	FI.W. period 10s fl. 0.3s, ec. 9.7s	358 109	14	White fiberglass tower, red band; 26.	Visible 036°-267°.
1109	-LNG Terminal.	23° 03.0' S 70° 22.5' W	L.FI.W. period 8s fl. 3s, ec. 5s	33 10	10	Iron post, white rectangular daymark, red band; 16.	
1110	-LNG North Range No. 1, front.	23° 03.3' S 70° 22.0' W	FI.G. period 3s fl. 1s, ec. 2s	110 34	5	Gray iron post, white rectangular daymark, orange stripe; 21.	Visible 280°-033°.
1110.5	--Rear No. 2, 180 meters 130° from front.	23° 03.3' S 70° 21.9' W	FI.G. period 3s fl. 1s, ec. 2s	140 43	5	Gray iron post, white rectangular daymark, orange stripe; 25.	Visible 234°-030°.
1111	-LNG South Range No. 3, front.	23° 03.5' S 70° 22.2' W	FI.R. period 3s fl. 1s, ec. 2s	107 33	5	Gray iron post, white rectangular daymark, orange stripe; 22.	Visible 233°-035°.
1111.5	--Rear No. 4, 180 meters 130° from front.	23° 03.5' S 70° 22.1' W	FI.R. period 3s fl. 1s, ec. 2s	138 42	5	Gray iron post, white rectangular daymark, orange stripe; 36.	Visible 236°-031°.
1112 <i>G 1948</i>	Punta Tetas.	23° 31.2' S 70° 37.3' W	FI.W. period 18s fl. 0.6s, ec. 17.4s	108 33	15	White fiberglass tower, red bands; 26.	Visible 287°-166°.
1116 <i>G 1947.7</i>	Cerro Moreno AVIATION LIGHT.	23° 27.0' S 70° 26.0' W	AI.FI.W.G. period 11s		13		Occasional.
1117.12	-Shell Anchorage starboard Range, front.	23° 36.7' S 70° 23.5' W	Q.G.	43 13	4	White metal post, white triangular daymark, red stripe; 32.	Visible 043°-150°.
1117.13	--Common rear.	23° 36.7' S 70° 23.4' W	F.G.	52 16	4	White metal post, white triangular daymark, red stripe; 16.	Visible 043°-150°; 95 meters 079° from front port; 95 meters 070° from front starboard.
1118	-Shell Terminal Range, front.	23° 37.2' S 70° 23.5' W	F.R.	59 18	6	White metal post, white triangular daymark, red stripe; 41.	Visible 040°-180°.
1118.1	--Rear, 240 meters 132° from front.	23° 37.3' S 70° 23.4' W	F.R.	98 30	6	White metal post, white triangular daymark, red stripe; 41.	Visible 040°-180°.
ANTOFAGASTA:							
1120 <i>G 1947</i>	-Este, mole.	23° 38.7' S 70° 24.4' W	FI.G. period 5s fl. 1s, ec. 4s	20 6	8	Green fiberglass tower; 13.	Visible 263°-260°.
1124 <i>G 1946</i>	-Molo de Abrigo.	23° 38.6' S 70° 24.6' W	FI.W. period 5s fl. 0.3s, ec. 4.7s	59 18	19	White round concrete tower, red bands; 43.	Visible 010°-190°.
1125	-Darsena Range, front.	23° 39.2' S 70° 24.3' W	F.R.	66 20	7	White metal post, white rectangular daymark, red stripe; 66.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1125.5	--Rear, 79.8 meters 165° from front.	23° 39.2' S 70° 24.3' W	F.R.	82 25		7 White metal post, white rectangular daymark, red stripe; 82.	
1126 <i>G 1947.2</i>	-Molo Socopesca.	23° 38.5' S 70° 24.9' W	Fl.(4)G. period 12s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 5.7s	26 8		6 Green fiberglass tower; 16.	
1126.5 <i>G 1947.3</i>	-Club de Yates.	23° 38.5' S 70° 24.0' W	Fl.(4)R. period 12s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 5.7s	26 8		6 Red fiberglass tower; 16.	
1127 <i>G 1940</i>	Caleta Coloso.	23° 45.5' S 70° 28.0' W	Fl.(3)W. period 12s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 7.7s	118 36		15 White rectangular metal framework tower, red bands; 67.	Visible 060°-270°.
	RACON		O(---)		10		
1128 <i>G 1938</i>	Punta Ballenita.	25° 46.5' S 70° 43.5' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	157 48		9 White fiberglass tower, red bands; 13.	Visible 003°-009° and 010°-241°.
1129 <i>G 1937</i>	Isla San Felix.	26° 17.0' S 80° 07.8' W	Fl.W. period 12s fl. 1s, ec. 11s	640 195		10 White fiberglass tower, red bands; 13.	
1130 <i>G 1936</i>	Punta Achurra.	26° 17.9' S 70° 39.7' W	Fl.W. period 15s fl. 0.5s, ec. 14.5s	105 32		10 White fiberglass tower, red band; 26.	Visible 330°-150°.
	CHANARAL:						
1132 <i>G 1935</i>	-Muelle Mecanizado Santa Fe, Punta Piedra Blanca.	26° 21.0' S 70° 39.0' W	F.R.	82 25		4 Loading tower.	
1136 <i>G 1934.5</i>	-Mole Barquito.	26° 21.0' S 70° 39.0' W	F.R.	75 23		3	
1140	--Anchorage Ranges, near Punta Piedra Blanca.	26° 21.4' S 70° 39.6' W	4 F.R.			3	2 pairs of range lights (110° and 200°) mark anchorage. F.R. obstruction lights when aircraft are expected.
1141 <i>G 1932</i>	Monumental Chanaral.	26° 20.5' S 70° 37.5' W	Fl.W. period 5s fl. 0.7s, ec. 4.3s	272 83		20 Metal framework tower; 49.	Visible 072°-142°.
1142 <i>G 1925.6</i>	Punta Caleta Range, front.	27° 03.3' S 70° 50.1' W	F.R.			2 Red triangular daymark; 10.	Private light.
1143 <i>G 1925.61</i>	-Rear, 55 meters 230° from front.	27° 03.3' S 70° 50.1' W	FG.			2 Green triangular daymark; 10.	Private light.
1143.5 <i>G 1930</i>	Punta Totoraliillo.	26° 51.1' S 70° 49.1' W	L.Fl.W. period 8s fl. 3s, ec. 5s	59 18		12 White round tower, red bands; 30.	Visible 033°-290°.
	RACON		T(-)		14		
	CALDERA:						
1144 <i>G 1926</i>	-Muelle Fiscal.	27° 03.8' S 70° 49.6' W	Fl.G. period 3s fl. 1s, ec. 2s	17 5		7 Green round fiberglass tower; 11.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1147 G 1924.5	Punta Calderillo.	27° 02.9' S 70° 48.7' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	30 9	4	White fiberglass tower, red band; 11.	Visible 325°-128°.
1148 G 1924	Punta Caldera.	27° 03.1' S 70° 51.1' W	Fl.W. period 12s fl. 0.4s, ec. 11.6s	125 38	15	White truncated conical tower, red bands; 61.	Visible 020°-278°. Aero Radiobeacon 0.7 mile SSE.
1149 G 1924.2	-Punta Padrones, NE.	27° 03.2' S 70° 50.7' W	Fl.W. period 3s	16 5	2		Beacon.
1149.5 G 1924.22	--SW.	27° 03.2' S 70° 50.7' W	Fl.W. period 3s	23 7	2		Beacon.
1150 G 1923	-Punta Caldereta.	27° 04.8' S 70° 51.6' W	Fl.R. period 5s fl. 0.4s, ec. 4.6s	49 15	3	Red fiberglass tower; 11.	Visible 069°-305°.
1151 G 1922	Bahia Copiapo, Puerto Viejo.	27° 20.4' S 70° 56.5' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	49 15	5	White fiberglass tower, red bands; 11.	Visible 045°-270°.
ISLA DE PASCUA (EASTER ISLAND):							
1152 G 1991	-Isla de Pascua Range, front.	27° 09.3' S 109° 26.4' W	Fl.(4)W. period 12s	26 8	6	White concrete column, red band; 22.	Visible 078°-136°30'.
1152.1 G 1991.1	--Rear, 250 meters 096° from front.	27° 09.4' S 109° 26.3' W	L.Fl.W. period 8s fl. 3s, ec. 5s	131 40	13	White concrete column, red band; 25.	Visible 086°-106°.
1152.5 G 1992	-Hang-Roa-Otai.	27° 08.9' S 109° 26.0' W	Fl.R. period 5s fl. 1s, ec. 4s	20 6	8	White fiberglass tower, red band; 11.	Visible 070°-190°.
1152.6 G 1993	-Hanga-Oua 144°.	27° 09.0' S 109° 26.0' W	Dir.L.Fl.W. period 8s fl. 3s, ec. 5s	39 12	13	White mast, orange band; 13.	Visible 134°-154°.
1153 G 1994	-La Perouse, Rada.	27° 05.1' S 109° 18.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	26 8	5	White fiberglass tower, red band; 11.	Visible 159°-260°.
1154 G 1994.5	-Hotuiti, Caleta.	27° 07.3' S 109° 17.0' W	Fl.W. period 10s fl. 0.7s, ec. 9.3s	23 7	9	White fiberglass tower, red band; 11.	Visible 263°-304°.
1155 G 1995	-Vaihu, Desembarcadero.	27° 09.9' S 109° 22.0' W	Fl.W. period 12s fl. 1s, ec. 11s	26 8	9	White fiberglass tower, red band; 18.	Visible 264°-060°.
1155.5 G 1921.5	Isla Carrizal.	28° 04.5' S 71° 09.7' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	33 10	6	White fiberglass tower, red band; 11.	
HUASCO:							
1155.8	-Punta Lobos.	28° 18.0' S 71° 11.6' W	Fl.W. period 5s fl. 1s, ec. 4s	39 12	8	White fiberglass tower, red band, rectangular daymark; 11.	Visible 023°-180°.
1156 G 1921	-Islote Cayo.	28° 27.4' S 71° 13.7' W	Fl.(4)G. period 12s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 5.7s	30 9	5	Green fiberglass tower; 11.	
1161 G 1918.2	-Marine Terminal No. 1, Range, front.	28° 27.8' S 71° 15.3' W	Fl.R.			Mast, white square daymark, black ball; 16.	Occasional.
1161.25 G 1918.21	--Middle, 35 meters 275° from front.	28° 27.8' S 71° 15.3' W	Fl.G.			Mast, white square daymark, black ball; 16.	Occasional.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1161.5 <i>G 1918.22</i>	--Rear, 50 meters 275° from front.	28° 27.8' S 71° 15.3' W	F.G.			Mast, white square daymark, black ball; 16.	
1162 <i>G 1918.4</i>	-No. 1 Range, front.	28° 28.2' S 71° 15.8' W	3 F.R.			Metal tower, white rectangular daymark, black ball; 33.	
1162.5 <i>G 1918.39</i>	--Rear, Anchorage No. 2, 98 meters 203°54' from front.	28° 28.2' S 71° 15.1' W	F.G.			Mast, white rectangular daymark, green ball; 16.	
1162.8 <i>G 1918.5</i>	--Rear, 100 meters, 223°53' from front.	28° 28.2' S 71° 15.1' W	F.G.			Metal tower, white rectangular daymark, black ball; 33.	
1162.81 <i>G 1918.6</i>	-A-1, range, common front.	28° 28.3' S 71° 14.8' W	F.G.				
1162.82 <i>G 1918.59</i>	--A-2, rear, 150 meters 225° from common front.	28° 28.3' S 71° 14.9' W	F.G.				
1162.83 <i>G 1918.61</i>	--A-3, rear, 139 meters 208° from common front.	28° 28.3' S 71° 14.9' W	F.G.				
1162.9 <i>G 1918.8</i>	-Pt. Loros Range, front.	28° 28.3' S 71° 14.6' W	F.R.			Metal tower, white rectangular daymark, black ball; 33.	
1162.95 <i>G 1918.81</i>	--Rear, 60 meters 143°46' from front.	28° 28.3' S 71° 14.6' W	F.G.			Metal tower, white rectangular daymark, black ball; 26.	
1163 <i>G 1919.1</i>	-Sta. Barbara Terminal Range, common front.	28° 28.4' S 71° 14.1' W	F.G.			Mast, white rectangular daymark, black ball; 33.	
1163.5 <i>G 1919.11</i>	--Rear, 340 meters 131°04' from common front.	28° 28.5' S 71° 13.9' W	F.G.			Mast, white rectangular daymark, black ball; 26.	
1163.6 <i>G 1919</i>	--Rear, 95 meters 143° from common front.	28° 28.4' S 71° 14.1' W	F.G.				
1163.7	Cordon del Espinazo AVIATION LIGHT.	28° 28.7' S 71° 15.6' W	F.R.			15 Radio mast.	
1163.8 <i>G 1916.5</i>	Punta Huasco Sur.	28° 30.0' S 71° 16.4' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	115 35	8	White fiberglass tower, red band; 11.	Visible 000°-216°.
1164 <i>G 1916</i>	Isla Chanaral, W. side.	29° 01.9' S 71° 35.0' W	Fl.W. period 10s fl. 0.2s, ec. 9.8s	190 58	14	White round tower, red bands; 30.	Visible 010°-214°.
1165 <i>G 1915</i>	Punta Rancagua.	29° 04.7' S 71° 30.0' W	Fl.W. period 5s fl. 1s, ec. 4s	66 20	8	White fiberglass tower, red band; 11.	Visible 022°-290°.
1166 <i>G 1906</i>	Damas Island.	29° 13.6' S 71° 31.9' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	161 49	7	White fiberglass tower, red band; 11.	
1168 <i>G 1908</i>	-Punta Mostacilla.	29° 27.0' S 71° 18.4' W	Fl.W. period 5s	125 38	6	White fiberglass tower, red band; 26.	
1172 <i>G 1904</i>	Islotes Pajaros, southernmost islet.	29° 35.2' S 71° 31.7' W	Fl.(2)W. period 10s fl. 0.5s, ec. 2.4s fl. 0.5s, ec. 6.6s	131 40	10	ISOLATED DANGER BRB, tower; 13.	Obscured by N. islet 158°-162°.
COQUIMBO:							
1176 <i>G 1900.5</i>	La Serena monument.	29° 54.3' S 71° 16.5' W	Fl.W. period 5s fl. 0.7s, ec. 4.3s	92 28	20	Cream-colored concrete square tower, red dome; 82.	
1177 <i>G 1901.5</i>	-Caleta Coquimbo.	29° 57.3' S 71° 20.1' W	Fl.W. period 10s fl. 1s, ec. 9s	23 7	9	White fiberglass tower, red band; 11.	Visible 350°-182°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1180 <i>G 1901</i>	-Landing pier, head.	29° 57.0' S 71° 20.1' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	30 9	8	White metal post, red band; 23.	Second light Fl.W.5s2M, visible 180°-270°. F.R. and F.G. in line 194° about 0.25 mile S.
1184 <i>G 1900</i>	-Punta Tortuga.	29° 55.9' S 71° 21.6' W	Fl.W. period 13s fl. 0.2s, ec. 12.8s	79 24	27	White round metal tower, red band; 13.	Visible 042°-255°. 3 F.R. on radio mast 1.97 miles SSE. F.R. on radio mast 0.73 mile S. Siren: 1 bl. ev. 30s (bl. 3s, si. 27s).
	-RACON		T(-)				
1188 <i>G 1896.7</i>	Islote Mewes.	29° 57.8' S 71° 22.9' W	Fl.(3)G. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	29 9	5	Green fiberglass tower; 10.	
1192 <i>G 1897</i>	-Herradura Approach Range A, front.	29° 58.9' S 71° 21.1' W	F.R.	69 21	3	Red and white diagonally striped diamond on white square daymark; 66.	
1192.5 <i>G 1897.1</i>	--Rear, 165 meters 140°30' from front.	29° 59.0' S 71° 21.0' W	F.R.	98 30	3	Red and white diagonally striped diamond on white square daymark; 74.	
1193 <i>G 1898</i>	-Mining Pier Range B, front, No. 1.	29° 58.5' S 71° 21.9' W	F.R.	39 12	3	Red and white diagonally striped diamond on white square daymark; 30.	
1193.5 <i>G 1898.1</i>	--Rear, No. 2, about 48 meters 112.5° from front.	29° 58.5' S 71° 20.8' W	F.G.	49 15	3	Red and white diagonally striped diamond on white square daymark; 30.	
1194 <i>G 1898.3</i>	-Anchorage Range C, front.	29° 58.2' S 71° 21.2' W	F.G.	46 14	3	Post, red and white striped rectangular daymark; 33.	
1194.5 <i>G 1898.31</i>	--Rear, about 672 meters 112° from front.	29° 58.4' S 71° 20.8' W	F.G.	56 17	3	Post, red and white striped rectangular daymark; 43.	
1195 <i>G 1898.5</i>	-Anchorage Range D, front, No. 1.	29° 57.9' S 71° 22.3' W	F.R.	43 13	3	Red and white diagonally striped diamond on white square daymark; 30.	
1195.5 <i>G 1898.49</i>	--Rear, No. 2, about 120 meters 036° from front.	29° 57.9' S 71° 21.2' W	F.G.	66 20	3	Red and white diagonally striped diamond on white square daymark; 30.	
1195.7 <i>G 1898.51</i>	--Rear, No. 3, about 120 meters 029° from front.	29° 57.9' S 71° 21.2' W	F.G.	66 20	3	Red and white diagonally striped diamond on white square daymark; 30.	
1196 <i>G 1898.7</i>	-Oil Berth Range E, front, No. 1.	29° 57.9' S 71° 22.6' W	F.R.	108 33	3	Post, red and white diagonally striped diamond daymark; 16.	
1196.5 <i>G 1898.71</i>	--Rear, No. 2, about 158 meters 031° from front.	29° 57.9' S 71° 21.5' W	F.G.	246 75	3	Post, red and white diagonally striped diamond daymark; 16.	
1204 <i>G 1896.6</i>	Punta Herradura.	29° 58.2' S 71° 23.3' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	65 20	10	White fiberglass tower, red bands; 11.	Visible 101°-103° and 111°- 298°.
1205 <i>G 1896.5</i>	Port Velero.	30° 13.8' S 71° 28.7' W	Fl.R. period 3s fl. 1s, ec. 2s	7 2	7	STARBOARD (B) R, pillar; 7.	Visible 325°-184°.
1208 <i>G 1896</i>	Punta Lengua de Vaca.	30° 14.8' S 71° 37.9' W	Fl.W. period 15s fl. 0.5s, ec. 14.5s	133 41	16	White fiberglass tower red bands; 13.	Visible 039°-265°. F.R. lights mark masts SSE. Aero Radiobeacon 8 miles E.
1208.5 <i>G 1896.2</i>	Puerto Aldea, Caleta Hornilla.	30° 17.6' S 71° 36.5' W	Fl.R. period 5s fl. 0.4s, ec. 4.6s	56 17	5	Red fiberglass tower; 16.	Visible 175°-340°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1209 <i>G 1896.3</i>	-Puerto Aldea.	30° 18.0' S 71° 36.0' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	23 7	7	White fiberglass tower, red band; 15.	Visible 106°-261°.
1209.5	Rio Limari.	30° 44.1' S 71° 42.0' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	26 8	7	White fiberglass tower, red band, rectangular daymarks; 11.	Visible 010°-170°.
1210 <i>G 1894</i>	Punta Sierra.	31° 08.7' S 71° 40.5' W	Fl.W. period 5s fl. 1s, ec. 4s	154 47	6	White fiberglass tower, red band; 11.	Visible 013°-174°.
1211 <i>G 1893.5</i>	Caleta Chigualoco.	31° 45.3' S 71° 31.1' W	Fl.W. period 10s fl. 1s, ec. 9s	33 10	2	White fiberglass pillar, red band; 20.	Visible 316°-104°.
1212 <i>G 1892</i>	Cabo Tablas.	31° 51.0' S 71° 34.0' W	Fl.W. period 10s fl. 0.4s, ec. 9.6s	236 72	10	White fiberglass tower, red band; 16.	Visible 284°-170°.
1213 <i>G 1891.3</i>	Islas Blancas.	31° 52.7' S 71° 31.7' W	Q.(6)+L.Fl.W. period 15s	82 25	7	S. CARDINAL YB, tower; 30.	
1214 <i>G 1891</i>	-Muelle de Pasajeros.	31° 54.7' S 71° 31.4' W	Fl.R. period 5s fl. 1s, ec. 4s	29 9	8	White fiberglass tower, red band; 11.	Visible 059°-271°.
1215 <i>G 1891.5</i>	Islote Penitente.	31° 52.4' S 71° 34.5' W	Fl.(2)W. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	44 14	2	ISOLATED DANGER BRB, tower; 11.	
1216 <i>G 1890</i>	Isla Huevos, N. side of island.	31° 54.3' S 71° 31.6' W	Fl.R. period 10s fl. 0.5s, ec. 9.5s	62 19	9	Red round fiberglass tower; 13.	Visible 053°-071°, obsc.- 076°, vis.-297°.
BAHIA DE QUINTERO:							
1219 <i>G 1882.3</i>	-Ventana, No. 1.	32° 45.0' S 71° 29.3' W	Fl.(3+1)Y. period 20s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 10.5s	27 8	3	Yellow metal post, X topmark; 12.	
1219.5 <i>G 1882.4</i>	--No. 2.	32° 45.0' S 71° 29.2' W	Fl.(3+1)Y. period 20s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 10.5s	27 8	3	Yellow metal post, X topmark; 12.	
1219.6 <i>G 1882.5</i>	--No. 3.	32° 45.0' S 71° 29.2' W	Fl.(3+1)Y. period 20s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 10.5s	12 4	3	Yellow metal post, X topmark; 12.	
1222 <i>G 1883</i>	-Ventanilla Range, front.	32° 44.8' S 71° 28.9' W	Fl.W.R. period 3s fl. 0.5s, ec. 2.5s	46 14	W. 9 R. 6	White concrete post, red bands; 36.	W. 039°-105°, R.-122°.
1223 <i>G 1883.1</i>	--Rear, about 70 meters 090° from front.	32° 44.8' S 71° 28.9' W	Iso.W. period 6s	59 18	9	On wall.	Visible 055°-120°.
1228 <i>G 1888.6</i>	<i>Mono (terminal) Lighted Buoy ENAP.</i>	32° 45.7' S 71° 31.1' W	Iso.W. period 2.4s		5	White conical buoy.	Horn: 1 bl. ev. 15s. Radar reflector. Aero Radiobeacon 3 miles NNE.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1230 G 1889	Oxiquim breakwater.	32° 45.7' S 71° 29.8' W	Fl.(3+1)Y. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s fl. 1s, ec. 6s	26 8	8	Yellow framework tower on dolphin; 13.	
1232 G 1886	Muelle ENAP.	32° 46.2' S 71° 29.5' W	F.R.	52 16	4	Iron post, white disc daymark with two black discs superimposed; 34.	
1233 G 1887.201	-Range, front.	32° 46.4' S 71° 29.5' W	Iso.R. period 2s	44 14	10	White iron post, red stripe, diamond daymark; 20.	Visible 139°-165°.
1234 G 1887.202	--Rear, 81 meters 152° from front.	32° 46.5' S 71° 29.5' W	Iso.R. period 2s	58 18	10	White iron post, red stripe, diamond daymark; 23.	Visible 139°-165°.
1235 G 1887.2443	-S. El Bato Marine Terminal Range, front.	32° 46.6' S 71° 29.8' W	Iso.R. period 2s	31 10	3	White metal post, red circular daymark, white stripe; 20.	
1236 G 1887.2444	--Rear, 150 meters 116° from front.	32° 46.7' S 71° 29.7' W	Iso.R. period 2s	56 17	3	White metal post, red circular daymark, white stripe; 20.	
1237 G 1887.2441	-N. El Bato Marine Terminal Range, front.	32° 46.5' S 71° 29.7' W	Iso.R. period 2s	39 12	3	White metal post, red rectangular daymark, white stripe; 30.	
1238 G 1887.2442	--Rear, 143 meters 114° from front.	32° 46.6' S 71° 29.6' W	Iso.R. period 2s	89 27	3	White metal post, red rectangular daymark, white stripe; 46.	
1244	-AVIATION LIGHT.	32° 47.0' S 71° 32.0' W	Fl.G.	66 20	13	Iron skeleton tower.	Visible 175°-265°. Occasional.
1246 G 1887.8	Roca Tortuga.	32° 46.7' S 71° 31.4' W	Fl.(2)W. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	28 8	4	Black iron structure, red band; 26.	
1248 G 1887.6	-Muelle Fiscal.	32° 46.0' S 71° 32.0' W	F.G.	16 5	1	Metal post; 10.	Occasional.
1252 G 1882	Peninsula Los Molles.	32° 46.3' S 71° 32.2' W	Fl.W. period 15s fl. 0.3s, ec. 14.7s	308 94	22	White truncated conical concrete tower, red bands; 59.	Visible 020°-236°30'.
BAHIA CONCON:							
1254 G 1880.5	-Club De Yates Higuera.	32° 55.8' S 71° 32.4' W	Fl.W. period 5s fl. 1s, ec. 4s	36 11	10	White fiberglass tower, red band; 23.	Visible 145°-231°.
1255 G 1880	Punta Concon.	32° 55.7' S 71° 33.2' W	Fl.W. period 12s fl. 0.4s, ec. 11.6s	49 15	18	White fiberglass tower, red band; 10.	Visible 352°-234°.
			Fl.(2)R. period 6s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 3.5s	49 15	11		Visible 172°-180° on the rocks of Concon.
1255.5 G 1877	-Muelle Baron.	33° 02.4' S 71° 36.5' W	Oc.G. period 3s lt. 2s, ec. 1s	46 14	4	Orange metal post; 13.	Visible 070°-290°.
BAHIA DE VALPARAISO:							
1256 G 1876	-Breakwater.	33° 01.9' S 71° 37.3' W	Fl.W. period 5s fl. 0.2s, ec. 4.8s	39 12	20	White skeleton iron tower, red band; 23.	Visible 138°-125°.
1260 G 1875	-Punta Duprat.	33° 01.6' S 71° 37.6' W	Fl.W. period 10s fl. 0.7s, ec. 9.3s	69 21	20	White octagonal concrete tower, red band; 51.	Visible 335°-318°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1261 G 1879.1	-Club de Yates Recreo.	33° 01.6' S 71° 34.8' W	Fl.R. period 3s fl. 1s, ec. 2s	18 6	7	Red fiberglass tower, triangular daymark; 7.	Visible 126°-239°.
1263 G 1878	-Punta Gruesa, Condell.	33° 01.3' S 71° 35.0' W	Fl.W. period 12s fl. 1s, ec. 11s	56 17	20	White metal tower, red bands; 22.	Visible 026°-244°.
1268 G 1874	-Punta Angeles.	33° 01.4' S 71° 38.8' W	Fl.W. period 10s fl. 0.2s, ec. 9.8s	197 60	32	White round metal tower, red bands; 59.	Visible 048°30'-250°.
1272 G 1870	Punta Curaumilla.	33° 06.0' S 71° 44.4' W	Fl.W. period 15s fl. 0.5s, ec. 14.5s	276 84	10	White metal tower, red band, dwelling; 11.	Visible 344°-244°.
1276 G 1871	Muelle Laguna Verde.	33° 06.0' S 71° 41.0' W	F.R.		2		
1278 G 1869	-Rada Quintay.	33° 11.5' S 71° 43.2' W	Fl.R. period 10s fl. 0.3s, ec. 9.7s	85 26	4	Truncated red conical tower; 20.	Visible 025°-355°.
			Fl.W. period 5s fl. 0.4s, ec. 4.6s	82 25	10		Visible 126°-128° over Fraile rock.
1280 G 1866	Peninsula Pajaros Ninos.	33° 21.4' S 71° 41.8' W	Fl.R. period 10s fl. 0.5s, ec. 9.5s	115 35	11	Red fiberglass tower; 13.	Visible 163°-150°.
			Fl.W. period 5s fl. 0.5s, ec. 4.5s	111 34	8		Visible 150°-163°.
1282 G 1864	Poza Cofradia.	33° 21.4' S 71° 41.7' W	Fl.(3)R. period 9s fl. 0.3s, ec. 1.5s fl. 0.3s, ec. 1.5s fl. 0.3s, ec. 5.1s	19 6	5	Red round concrete tower; 7.	Visible 129°-309°.
1283 G 1863	Cofradia Nautica.	33° 21.5' S 71° 41.7' W	Fl.W. period 8s	66 20	14	Black round iron tower; 60.	Visible 186°-206°.
SAN ANTONIO:							
1284 G 1857	-Punta Panul.	33° 34.5' S 71° 37.5' W	Fl.W. period 10s fl. 0.2s, ec. 9.8s	292 89	32	White hexagonal concrete tower, red bands; 31.	Siren: 2 bl. ev. 30s. Radio telephone.
1292 G 1859	-Muelle Policarpo Toro.	33° 35.0' S 71° 37.3' W	Fl.G. period 5s fl. 1s, ec. 4s	52 16	10	Green metal tower; 34.	
1296 G 1859.3	-North Harbor Range, front.	33° 35.0' S 71° 36.8' W	Fl.R. period 3s fl. 1s, ec. 2s	82 25	8	Metal pillar, white triangular daymark, orange stripe; 43.	Private light.
1300 G 1859.31	--Rear, 78 meters 092°36' from front.	33° 35.0' S 71° 36.7' W	Fl.R. period 3s fl. 1s, ec. 2s	118 36	8	Metal pillar, white triangular daymark, orange stripe; 46.	Private light.
1303 G 1858.5	-Molo Sur.	33° 35.2' S 71° 37.4' W	Fl.W. period 5s fl. 1s, ec. 4s	39 12	16	Red round metal structure on concrete base; 10.	Visible 030°-151°.
1304 G 1858	-S. mole, head.	33° 35.2' S 71° 37.4' W	Fl.R. period 5s fl. 1s, ec. 4s	34 11	8	Red conical fiberglass tower; 5.	Aero Radiobeacon 3 miles S. on Santo Domingo Point.
1308 G 1860	-Espigon de Atraque, NE. corner.	33° 35.0' S 71° 37.0' W	F.R.	26 8	2	Metal post; 16.	Private light.
1309 G 1859.2	-Range, front.	33° 35.5' S 71° 37.0' W	F.R.	26 8	2	Metal pillar, white triangular daymark, red stripe; 20.	Private light.
1309.5 G 1859.21	--Rear, about 100 meters 141° from front.	33° 35.5' S 71° 36.9' W	F.R.	56 17	2	Metal pillar, white triangular daymark, red stripe; 46.	Private light.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1309.6 <i>G 1859.15</i>	-Range, front.	33° 35.7' S 71° 37.0' W	FI.G. period 3s fl. 1s, ec. 2s	30 9	3	Metal framework tower, white rectangular daymark, red stripe; 24.	
1309.7 <i>G 1859.16</i>	--Rear, 153 meters 156° from front.	33° 35.8' S 71° 37.0' W	FI.G. period 3s fl. 1s, ec. 2s	33 10	3	Metal framework tower, white rectangular daymark, red stripe; 37.	
1310 <i>G 1859.1</i>	-Range, front.	33° 35.6' S 71° 37.1' W	F.G.	33 10	2	Metal pillar, red rectangular daymark, white band; 26.	Private light.
1310.5 <i>G 1859.11</i>	--Rear, about 125 meters 164°24' from front.	33° 35.7' S 71° 37.1' W	F.G.	46 14	2	Metal pillar, red rectangular daymark, white band; 33.	Private light.
1312 <i>G 1860.2</i>	--SW. corner.	33° 35.0' S 71° 37.0' W	F.R.	20 6	2	Metal post; 16.	Private light.
ISLA ROBINSON CRUSOE:							
1328 <i>G 1855</i>	-Punta San Carlos.	33° 37.9' S 78° 49.7' W	FI.W. period 12s fl. 1s, ec. 11s	18 6	9	White fiberglass tower, red band; 11.	Visible 180°-001°.
1330 <i>G 1856</i>	-Cumberland Bay.	33° 38.2' S 78° 49.7' W	FI.G. period 5s fl. 1s, ec. 4s	16 5	3	Green metal framework tower; 10.	Visible 184°-279°.
1331 <i>G 1856.2</i>	-Padre Bay.	33° 40.0' S 78° 55.9' W	FI.W. period 5s fl. 0.4s, ec. 4.6s	20 6	8	White metal framework tower, red band; 10.	
1331.5 <i>G 1853</i>	Isla Alejandro Selkirk.	33° 43.6' S 80° 46.4' W	FI.W. period 10s fl. 1s, ec. 9s	30 9	3	White fiberglass tower, red band; 11.	Visible 141°-351°.
1332 <i>G 1850</i>	Punta Topocalma.	34° 08.0' S 72° 01.0' W	FI.W. period 10s fl. 0.3s, ec. 9.7s	387 118	16	White fiberglass tower, red band; 13.	Visible 347°-210°.
1334 <i>G 1848</i>	Trilco, Punta Cardonal.	34° 48.8' S 72° 08.2' W	FI.W. period 5s fl. 1s, ec. 4s	148 45	9	White building, red band; 22.	Visible 037°-202°.
1335 <i>G 1846.5</i>	Muelle Maguelines.	35° 21.5' S 72° 27.8' W	FI.W. period 5s fl. 1s, ec. 4s	20 6	4	White metal post, red band; 10.	
1336 <i>G 1846</i>	Cabo Carranza.	35° 33.4' S 72° 36.8' W	FI.W. period 10s fl. 1.5s, ec. 8.5s	171 52	21	White square metal tower, red bands; 62.	Visible 038°-211°. Aero Radiobeacon 19.8 miles NNE marked by F.I.R.
1340	Bahia Cobquecura.	36° 09.0' S 72° 48.0' W	F.W.		10		Several F.W. lights.
1344 <i>G 1797</i>	Morro Loberia.	36° 34.4' S 72° 59.9' W	FI.W. period 10s fl. 0.5s, ec. 9.5s	262 80	9	White fiberglass tower, red band; 13.	Visible 332°-200°.
1348 <i>G 1798</i>	Isla Quiriquina.	36° 36.6' S 73° 03.1' W	FI.W. period 10s fl. 0.2s, ec. 9.8s	295 90	21	White metal tower, red band; 23.	Visible 048°-015°. Siren: 2 bl. ev. 30s (bl. 2s, si. 3s, bl. 2s, si. 23s).
1352 <i>G 1806</i>	-Punta Arenas.	36° 38.3' S 73° 03.2' W	FI.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	26 8	6	White metal post, red band; 21.	Visible 192°-035°.
1353 <i>G 1806.5</i>	-N. Measured Mile Range, front.	36° 37.8' S 73° 03.0' W	F.W.	57 18	3	White fiberglass tower, red band; 21.	Visible 301°30'-311°30'. Q.W. 3M shown to assist identification. Occasional.
1353.1 <i>G 1806.51</i>	--Rear, 624 meters 305°30' from front.	36° 37.4' S 73° 03.4' W	F.W.	172 52	3	White fiberglass tower, red band; 21.	Visible 301°30'-311°30'. Occasional.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1354 <i>G 1806.6</i>	-S. Measured Mile Range, front.	36° 38.6' S 73° 03.7' W	F.W.	169 52	3	White fiberglass tower, red band; 21.	Visible 301°30'-311°30'. Q.W. 3M shown to assist identification. Occasional.
1354.1 <i>G 1806.61</i>	--Rear, 77 meters 305°30' from front.	36° 38.4' S 73° 03.9' W	F.W.	179 54	3	White fiberglass tower, red band; 21.	Visible 301°30'-311°30'. Occasional.
1360 <i>G 1802</i>	-N. mole, head.	36° 38.1' S 73° 03.2' W	Fl.R. period 3s fl. 0.4s, ec. 2.6s	16 5	3	Red metal pillar; 6.	
1364 <i>G 1808</i>	-S. mole, head.	36° 38.7' S 73° 03.8' W	Fl.W. period 8s fl. 3s, ec. 5s	16 5	6	White round metal post, red band; 11.	Visible 255°-053°.
1376 <i>G 1833</i>	Penco mechanized pier, head.	36° 43.1' S 73° 00.4' W	Fl.R.G. period 2s fl. 0.4s, ec. 1.6s		R. G. 6 4		G. E. side, R. W. side. Private light.
1380 <i>G 1830</i>	Isla de los Reyes D, front.	36° 44.0' S 73° 04.0' W	F.R.	44 14	6	White metal post, red band, white diamond daymark, orange stripe; 20.	Private light.
1380.1 <i>G 1830.1</i>	--Rear E, 153 meters 258° from front.	36° 44.0' S 73° 04.1' W	F.R.	80 24	6	White metal post, red band, white diamond daymark, orange stripe; 56.	Private light.
TALCAHUANO:							
1388 <i>G 1821</i>	--W. breakwater, head.	36° 41.7' S 73° 06.3' W	Fl.(4)G. period 12s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 5.2s	20 6	4	Green metal tower, rectangular daymark; 10.	
1390 <i>G 1834</i>	-Puerto Lirquen, Muelle No. 1.	36° 42.2' S 72° 58.9' W	Fl.G. period 3s fl. 0.3s, ec. 2.7s	31 10	5	Green round metal tower; 13.	Visible 070°-249°. Numerous lighted range beacons mark approaches to port and vicinity.
1391 <i>G 1834.5</i>	--Muelle No. 2.	36° 42.4' S 72° 59.4' W	Fl.R. period 3s fl. 0.3s, ec. 2.7s	33 10	5	Red round metal tower; 15.	Visible 079°-258°.
1392 <i>G 1816</i>	-Marinao breakwater.	36° 41.8' S 73° 05.6' W	Fl.(3)R. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	18 6	4	Red metal post, triangular daymark; 10.	
1396 <i>G 1814</i>	-Belen Shoal.	36° 41.8' S 73° 05.0' W	Fl.(3)W. period 10s fl. 0.2s, ec. 1.2s fl. 0.2s, ec. 1.2s fl. 0.2s, ec. 7s	36 11	9	E. CARDINAL BYB, beacon, topmark; 26.	Radar reflector.
	-RACON		B(-•••) period 60s		4		
1400 <i>G 1812</i>	-Caleta Manzano, mole.	36° 41.3' S 73° 06.0' W	Fl.R. period 5s fl. 1s, ec. 4s	16 5	4	Red metal triangular tower; 10.	
BAHIA SAN VICENTE:							
1408 <i>G 1796</i>	-Punta Tumbes.	36° 36.7' S 73° 07.0' W	Fl.W. period 5s fl. 0.3s, ec. 4.7s	128 39	18	White round metal tower, red bands; 21.	Visible 028°-273°.
1409 <i>G 1795.75</i>	-Malecon de Atraque, terminal.	36° 43.6' S 73° 08.1' W	F.R.	46 14	2	Red metal triangular tower; 7.	Visible 355°-025°. Private light.
1411 <i>G 1795.7</i>	--Range, front.	36° 43.6' S 73° 08.1' W	F.G.	33 10	2	Red metal triangular tower; 7.	Visible 355°-025°. Private light.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1411.5 G 1795.71	--Rear, about 38 meters 010° from front.	36° 43.6' S 73° 08.1' W	F.R.	46 14	2	Red metal triangular tower; 7.	Visible 355°-025°. Private light.
1412 G 1795	-C.A.P. Muelle, head.	36° 44.4' S 73° 07.9' W	Fl.W. period 10s fl. 1s, ec. 9s	23 7	7	White metal tower, red band; 10.	Private light.
1414 G 1795.2	-Aproximacion Sitio Sur Range, front.	36° 44.2' S 73° 07.6' W	Fl.G. period 3s fl. 1s, ec. 2s	52 16	7	Metal tower, white triangular daymark, orange stripe; 46.	Private light.
1414.5 G 1795.21	--Rear, about 115 meters 048° from front.	36° 44.1' S 73° 07.5' W	Fl.G. period 3s fl. 1s, ec. 2s	62 19	7	Metal tower, white and orange stripe, triangular daymark; 46.	Private light.
1415 G 1795.3	-Enfilacion de Fondeo Sitio Norte Range, front.	36° 44.4' S 73° 07.5' W	F.G.	85 26	8	Metal tower, white and orange stripe, triangular daymark; 46.	Private light.
1415.5 G 1795.31	--Rear, about 184 meters 113° from front.	36° 44.5' S 73° 07.4' W	F.G.	125 38	8	Metal tower, white and orange stripe, triangular daymark; 46.	Private light.
1416 G 1795.5	-Enfilacion de Fondeo Sitio Sur Range, front.	36° 44.5' S 73° 07.6' W	F.R.	30 9	8	Metal tower on shed, white and orange stripe, triangular daymark; 19.	Private light.
1416.5 G 1795.51	--Rear, about 76 meters 097° from front.	36° 44.5' S 73° 07.6' W	F.R.	46 14	8	Chimney, white and orange stripe, triangular daymark; 33.	Private light.
1417 G 1795.4	-Enfilacion de Aproximacion Sitio Sur Range, front.	36° 44.8' S 73° 07.8' W	Fl.R. period 3s fl. 1s, ec. 2s	52 16	7	Metal tower, white and orange stripe, triangular daymark; 46.	Private light.
1417.5 G 1795.41	--Rear, about 128 meters 170° from front.	36° 44.9' S 73° 07.8' W	Fl.R. period 3s fl. 1s, ec. 2s	62 19	7	Metal tower, white and orange stripe, triangular daymark; 46.	Private light.
1418 G 1826	-AVIATION LIGHT.	36° 46.2' S 73° 03.7' W	Al.Fl.W.G.				
1420 G 1794	Punta Hualpen.	36° 44.6' S 73° 11.3' W	Fl.W. period 5s fl. 0.1s, ec. 4.9s	154 47	19	White fiberglass tower, red band; 16.	Visible 040°-262°. Siren: 2 bl. ev. 30s (bl. 5s, si. 10s, bl. 5s, si. 10s).
1424 G 1764	Isla Santa Maria.	36° 59.0' S 73° 32.0' W	Fl.W. period 15s fl. 0.2s, ec. 14.8s	239 73	11	White fiberglass tower, red band; 26.	Visible 006°-344°.
1428 G 1765	-Punta Delicada.	37° 02.1' S 73° 28.3' W	Fl.W. period 10s fl. 0.7s, ec. 9.3s	30 9	7	White fiberglass tower, red band; 13.	Visible 151°-045°.
GOLFO DE ARAUCO:							
1429 G 1791	-Oxiquim Maritime Terminal Range, front, Ox1.	36° 57.1' S 73° 09.9' W	F.W.	90 27	6	White round metal tower, red bands, red triangular daymark; 26.	
1429.5 G 1791.1	--Rear, Ox2, about 78 meters 137° from front.	36° 57.1' S 73° 09.9' W	F.W.	109 33	6	White round metal tower, red bands, red triangular daymark; 26.	
1431 G 1792.1	-Range, common front, Ox3.	36° 56.7' S 73° 09.7' W	F.G.	57 17	3	White round metal tower, red bands, red triangular daymark; 26.	
1431.5 G 1792	--Rear, Ox4, about 79 meters 084° from front.	36° 56.6' S 73° 09.7' W	F.G.	65 20	3	White round metal tower, red bands, red triangular daymark; 26.	
1431.6 G 1792.2	--Rear, Ox5, about 77 meters 072° from front.	36° 56.6' S 73° 09.7' W	F.G.	65 20	3	White round metal tower, red bands, red triangular daymark; 26.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
BAHIA DE CORONEL:							
1432 G 1784	-Punta Puchoco.	37° 01.5' S 73° 10.4' W	Fl.W. period 10s fl. 1.3s, ec. 8.7s	62 19	20	White fiberglass tower, red band; 20.	Visible 262°-140°.
1432.1 G 1783.5	--Range, front.	37° 01.5' S 73° 10.4' W	F.R.	58 18	7	White iron tower, red stripe, white triangular daymark, orange stripes; 32.	
1432.2 G 1783.6	--Rear, 112.4 meters 349° from front.	37° 01.5' S 73° 10.4' W	F.R.	67 20	7	White iron tower, red stripe, white triangular daymark, orange stripes; 42.	
1436 G 1782.5	-Muelle Puerto Coronel.	37° 01.6' S 73° 09.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	31 9	8	White tower, red bands; 31.	Visible 320°-140°.
1438 G 1783	--Approach Range, front.	37° 01.3' S 73° 09.5' W	F.G.	49 15	4	White column, red bands, white triangular daymark, orange stripes; 49.	Visible 235°-055°.
1438.1 G 1783.1	---Rear, 80 meters 325° from front.	37° 01.2' S 73° 09.5' W	F.G.	69 21	4	White column, red bands, white triangular daymark, orange stripes; 69.	Visible 235°-055°.
1440 G 1782.6	--N. Approach Range, front.	37° 01.4' S 73° 08.8' W	F.G.	49 15	7	White column, red bands, white triangular daymark, orange stripes; 43.	Visible 320°-140°.
1440.1 G 1782.7	---Rear, 160 meters 050° from front.	37° 01.3' S 73° 08.7' W	F.G.	52 16	7	White column, red bands, white triangular daymark, orange stripes; 59.	Visible 320°-140°.
1442 G 1782.8	--S. Approach Range, front.	37° 01.5' S 73° 08.7' W	F.R.	51 16	7	White metal column, red bands, white triangular daymark, orange stripes; 59.	Visible 320°-140°.
1442.1 G 1782.9	---Rear, 160 meters 050° from front.	37° 01.4' S 73° 08.6' W	F.R.	69 21	7	White triangular daymark, orange stripes, on roof of shed; 10.	Visible 320°-140°.
1443 G 1782.3	-Range, front.	37° 01.9' S 73° 08.8' W	Q.R.	62 19	7	White iron tower, red stripe, white triangular daymark, orange stripes; 44.	
1443.1 G 1782.31	--Rear, 172.5 meters 077° from front.	37° 01.8' S 73° 08.7' W	Q.R.	81 25	7	White iron tower, red stripe, white triangular daymark, orange stripes; 57.	
BAHIA DE LOTA:							
1452 G 1768	-Punta Lutrin.	37° 05.4' S 73° 10.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	160 49	8	White metal tower, red band; 44.	Visible 250°-186°.
1476 G 1762	Punta Lavapie.	37° 08.8' S 73° 34.9' W	Fl.W. period 12s fl. 0.5s, ec. 11.5s	187 57	8	White fiberglass tower, red band; 13.	Visible 055°-272°.
LEBU:							
1480 G 1758	-Punta Tucapel.	37° 37.0' S 73° 40.0' W	Fl.W. period 12s fl. 0.5s, ec. 11.5s	26 8	10	White fiberglass tower, red band; 13.	Visible 030°-305°.
1484 G 1756	Punta Morguilla.	37° 44.0' S 73° 41.0' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	98 30	8	White tower, red band; 13.	Visible 328°-172°.
1486 G 1754	Tirua Inlet.	39° 20.0' S 73° 30.0' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	197 60	8	White fiberglass tower, red bands; 11.	Visible 055°-270°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1487 G 1755	Caleta Quidico.	38° 14.2' S 73° 29.4' W	Fl.W. period 5s fl. 1s, ec. 4s	79 24	6	White fiberglass tower, red band; 11.	Visible 043°-270°.
ISLA MOCHA:							
1488 G 1752	-N. on Cerro Los Chinos.	38° 20.0' S 73° 57.0' W	Fl.W. period 5s fl. 0.1s, ec. 4.9s	220 67	14	White fiberglass tower, red band; 26.	Visible 014°-287°.
1490	-Mocha Weste.	38° 22.1' S 73° 57.4' W	Fl.W. period 15s fl. 0.3s, ec. 14.7s	98 30	15	White concrete tower, red band; 42.	Visible 021°-159°.
1492 G 1750	-Mocha Sur.	38° 24.7' S 73° 53.5' W	Fl.W. period 10s fl. 1s, ec. 9s	108 33	11	White fiberglass tower, red bands; 26.	Visible 205°-063°.
1494	Roca en Barra.	39° 26.7' S 73° 12.6' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	15 4	3	Green metal pole, green rectangular daymark; 15.	
1495 G 1745.4	Barra Rio Lingue.	39° 26.8' S 73° 13.6' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	16 5	3	Red metal pole, red triangular daymark; 13.	Visible 095°-268°.
1496 G 1747	Caleta Queule, on Punta Ronca.	39° 22.8' S 73° 13.5' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	164 50	6	White metal framework tower, red band; 13.	Visible 065°-320°.
1497	La Barra.	39° 23.1' S 73° 13.2' W	Fl.G. period 5s fl. 1s, ec. 4s	16 5	2	PORT (B) G, tower; 16.	
1498	Roca Queule.	39° 23.2' S 73° 13.1' W	Fl.G. period 3s fl. 0.3s, ec. 2.7s	13 4	2	PORT (B) G, tower; 13.	
1499	Punta Cuartel.	39° 23.2' S 73° 13.1' W	Fl.R. period 5s fl. 1s, ec. 4s	16 5	2	STARBOARD (B) R, tower; 13.	
1500 G 1744	Morro Bonifacio.	39° 41.5' S 73° 24.0' W	Fl.W. period 10s fl. 0.7s, ec. 9.3s	144 44	14	White concrete tower, red band; 13.	Visible 014°-208°.
BAHIA CORRAL:							
1504 G 1728	-Morro Niebla, E. side of entrance to bay.	39° 51.9' S 73° 24.0' W	Fl.W. period 10s fl. 0.3s, ec. 9.7s	171 52	7	White iron tower, red band; 33.	Visible 343°-210°.
1508 G 1730	-Roca el Conde, W. side of bay.	39° 52.1' S 73° 25.2' W	Fl.R. period 5s fl. 1s, ec. 4s	20 6	6	STARBOARD (B) R, fiberglass tower; 13.	Visible 147°-006°.
1516 G 1734	-Corral, Muelle Fiscal de Pasajeros, head.	39° 53.0' S 73° 25.5' W	Fl.(2)R. period 6s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s	20 6	6	Red fiberglass pillar; 9.	Visible 212°-307°.
1520 G 1736	-Isla Mancera, N. end.	39° 52.9' S 73° 23.5' W	Fl.(3)R. period 9s fl. 0.3s, ec. 1s fl. 0.3s, ec. 1s fl. 0.3s, ec. 6.1s	19 6	3	Red conical fiberglass pillar; 7.	Visible 043°-309°.
1524 G 1736.4	-Muelle Isla Mancera.	39° 53.1' S 73° 23.2' W	Fl.R. period 3s fl. 0.3s, ec. 2.7s	26 8	2	Red metal tower, red triangular daymark; 13.	Visible 132°-341°.
1528 G 1737.4	-Muelle Niebla No. 2.	39° 52.3' S 73° 23.0' W	Fl.G. period 5s fl. 1s, ec. 4s	20 6	3	Green metal post; 13.	Visible 219°-086°.
1532 G 1726	Morro Gonzalo.	39° 50.9' S 73° 28.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	144 44	10	White square concrete tower, red band; 13.	Visible 026°-272°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1536 G 1724	Punta Galera.	40° 00.0' S 73° 42.0' W	Fl.W. period 12s fl. 0.4s, ec. 11.6s	141 43	15	White fiberglass tower, red band; 13.	Visible 326°-208°.
1538 G 1722	-Caleta Mansa, Punta Moquegua.	40° 35.0' S 73° 44.5' W	Fl.W. period 10s fl. 1s, ec. 9s	167 51	9	White fiberglass tower, red band; 13.	Visible 330°-236°.
1540 G 1720	Cabo Quedal.	40° 59.0' S 73° 56.5' W	Fl.W. period 15s fl. 0.5s, ec. 14.5s	269 82	16	White fiberglass tower, red band; 13.	Visible 356°-196°.
CANAL DE CHACAO:							
1544 G 1672	-Isla Dona Sebastiana, SE. point, front.	41° 44.7' S 73° 48.3' W	Fl.Y. period 5s fl. 1s, ec. 4s	72 22	14	Yellow fiberglass tower, black bands; 13.	Visible 275°-295°.
1548 G 1672.1	--SW. point, about 1.3 km. 285°30' from front.	41° 44.5' S 73° 49.3' W	Fl.W. period 5s fl. 1s, ec. 4s	98 30	10	White fiberglass tower, red bands; 46.	Visible 225°-167°.
1552 G 1676	-Punta Corona.	41° 47.0' S 73° 52.8' W	Fl.W. period 10s fl. 0.2s, ec. 9.8s	216 66	32	White concrete tower, red bands, white house; 31.	Visible 135°-342°. Siren: 1 bl. ev. 10s. Signal station. Radiobeacon.
-RACON			O(---)				
1556 G 1678	-Pinta Ahui, W. side of entrance to Bahía de Ancud.	41° 49.7' S 73° 51.3' W	Fl.R. period 5s fl. 0.4s, ec. 4.6s	157 48	5	Red fiberglass tower; 13.	Visible 132°-036°.
1557	-Muelle Rompeolas Ancud.	41° 52.0' S 73° 50.0' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	23 7	4	Green metal tower; 13.	Visible 087°-190°.
1558 G 1678.5	-Rio Pudeto.	41° 51.7' S 73° 48.3' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	66 20	6	White fiberglass tower, red band; 11.	Visible 144°-349°.
1560 G 1675	-Bajo Colo Colo.	41° 45.2' S 73° 43.5' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	33 10	6	Green triangular metal framework tower; 54.	Visible 273°-099°.
1562	-Caleta Carelmapu.	41° 44.8' S 73° 42.4' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	10 3	3	Red metal pillar; 10.	Visible 284°-000°.
1564 G 1674	-Punta Lenqui.	41° 45.3' S 73° 39.8' W	Fl.W. period 12s fl. 0.5s, ec. 11.5s	95 29	7	White concrete tower, red band; 15.	Visible 282°-116°.
1572 G 1671	-Punta San Gallan.	41° 47.8' S 73° 32.4' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	197 60	11	Two white concrete posts, two red bands at top; 33.	Visible 083°-305°.
1574 G 1670.5	-Roca Remolinos.	41° 47.7' S 73° 31.4' W	Fl.(2+1)R. period 14s	26 8	4	PREFERRED CHANNEL (B) RGR, pillar; 33.	Radar reflector.
1576 G 1670	-Punta Barranco.	41° 47.6' S 73° 30.6' W	Fl.W. period 12s fl. 0.7s, ec. 11.3s	89 27	10	White fiberglass tower, red band; 26.	Visible 300°-122°.
1578 G 1668.6	-Punta Coronel.	41° 48.0' S 73° 28.8' W	Fl.G. period 3s fl. 0.3s, ec. 2.7s	30 9	7	PORT (B) G, fiberglass tower; 18.	Visible 005°-056°. Radar reflector.
1580 G 1668	-Puerto Chacao Nuevo, ferry pier, head.	41° 49.7' S 73° 30.9' W	Fl.G. period 3s fl. 1s, ec. 2s	26 8	7	Green fiberglass tower; 13.	Visible 162°-273°.
1584 G 1669	-Bahía Pargua, ferry pier, head.	41° 47.6' S 73° 27.6' W	Fl.(2)G. period 6s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 3.5s	33 10	8	Green iron post; 8.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1585 G 1669.8	-Muelle Skretting.	41° 47.3' S 73° 26.7' W	Fl.W. period 5s fl. 0.1s, ec. 4.9s	42 13	10	White iron pillar, red band; 20.	Visible 294°-062°.
1588 G 1666	-Punta Tres Cruces.	41° 50.1' S 73° 29.2' W	Fl.W. period 15s fl. 0.2s, ec. 14.8s	128 39	16	White fiberglass tower, red band; 26.	Visible 095°-004°.
1592 G 1682	Bajo Corvio, Paso Quigua.	41° 49.8' S 73° 12.6' W	Fl.(4)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	36 11	5	White fiberglass tower, red band; 39.	
1593 G 1683	Bajo Chalin, Quihua Shoal.	41° 49.3' S 73° 12.3' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	26 8	4	Green fiberglass tower on pile; 26.	
SENO RELONCAVI:							
1596 G 1714	-Muelle Calbuco.	41° 46.2' S 73° 07.5' W	Fl.G. period 5s fl. 1s, ec. 4s	23 7	7	Green fiberglass tower, green square daymark; 11.	Visible 177°-339°.
1600 G 1712	-Punta Metrencue, Canal Calbuco.	41° 43.8' S 73° 05.7' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	16 5	6	White fiberglass tower, red band; 13.	Visible 240°-030°.
1604 G 1710	-Paso Tautil.	41° 43.6' S 73° 03.3' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	39 12	4	Green triangular metal framework tower, green square daymark; 39.	
1608 G 1704	-Isla Mallina.	41° 39.5' S 72° 59.3' W	Fl.(4)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	108 33	7	White fiberglass tower, red band; 20.	Visible 012°-270°.
1612 G 1696	-Punta Redonda.	41° 41.8' S 72° 53.3' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	33 10	12	White fiberglass tower, red band; 20.	Visible 168°-036°.
1613 G 1703.33	-Punta Anselmo.	41° 30.8' S 72° 59.8' W	Fl.(2)G. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	13 4	2	Green iron post; 13.	
1615 G 1703.31	-Kochifas.	41° 30.1' S 72° 59.4' W	Fl.W. period 10s fl. 1s, ec. 9s	20 6	6	White fiberglass tower, red stripe; 11.	Visible 223°-034°.
1620 G 1702	-Costanera, E.	41° 28.8' S 72° 57.0' W	Fl.R. period 3s fl. 0.3s, ec. 2.7s	23 7	2	Red iron post; 23.	
1624 G 1702.2	--Tenglo, E.	41° 28.9' S 72° 57.1' W	Fl.G. period 3s fl. 0.3s, ec. 2.7s	16 5	2	Green iron post; 16.	
1628 G 1702.3	--Costanera, W.	41° 28.9' S 72° 57.6' W	Fl.R. period 3s fl. 0.3s, ec. 2.7s	19 6	4	Red iron post; 20.	
1632 G 1702.4	--Tenglo, W.	41° 28.9' S 72° 57.1' W	Fl.G. period 3s fl. 0.3s, ec. 2.7s	19 6	4	Green iron post; 20.	
1633 G 1703	--Canal Tenglo Range, front.	41° 29.5' S 72° 58.2' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	23 7	14	White fiberglass tower, red band; 11.	Visible 228°-236°.
1634 G 1703.1	---Rear, 20 meters 232° from front.	41° 29.6' S 72° 58.2' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	43 13	14	White fiberglass tower, red band; 11.	Visible 228°-236°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1636 <i>G 1700</i>	--Malecon de Atraque.	41° 29.0' S 72° 57.3' W	Fl.R. period 3s fl. 0.3s, ec. 2.7s	31 9	4	Red fiberglass tower; 13.	Visible 217°-272°.
1638 <i>G 1696.7</i>	--Caleta Puelche.	41° 44.3' S 72° 38.8' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	26 8	6	White fiberglass tower, red band; 11.	Visible 055°-180°.
1638.2 <i>G 1696.5</i>	--Caleta La Arena.	41° 41.5' S 72° 38.5' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	33 10	6	White fiberglass tower, red band; 11.	Visible 042°-112°.
-Estuario de Reloncavi:							
1640 <i>G 1697</i>	--Rio Puelo.	41° 39.0' S 72° 20.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	23 7	5	Framework tower on cement base; 10.	Visible 062°-104° and 107°-203°.
1644 <i>G 1698</i>	--Bahia Cochamo.	41° 29.0' S 72° 19.0' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	25 8	5	White fiberglass tower, red band; 11.	Visible 330°-115°.
GOLFO DE ANCUD:							
1652 <i>G 1694</i>	-Estero Quildaco, N. side of entrance.	41° 51.4' S 72° 47.8' W	Fl.(4)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	79 24	6	White fiberglass tower, red band; 13.	Visible 053°-178°.
1653	-Caleta Curamin.	41° 52.8' S 72° 49.3' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	16 5	2	White metal piling, red band; 11.	Visible 045°-154°.
1654 <i>G 1706</i>	-Bajo Huelmo.	41° 39.4' S 73° 02.5' W	Fl.(2)G. period 6s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 3.5s	26 8	5	White fiberglass tower, upper part green, can topmark on column; 26.	Visible 177°-060°.
1656 <i>G 1684</i>	-Isla Tabon, near W. end.	41° 54.6' S 73° 08.6' W	Fl.W. period 10s fl. 0.7s, ec. 9.3s	240 73	10	White concrete tower, red band; 44.	Obscured 175°30'-183°30' and 190°-193°30'.
1658 <i>G 1686</i>	-Banco Amnistia.	41° 57.6' S 73° 06.8' W	Fl.(2)W. period 10s fl. 0.5s, ec. 2.4s fl. 0.5s, ec. 6.6s	20 6	7	Black metal piling, red band; 20.	Radar reflector.
1660 <i>G 1692</i>	-Isla Queullin, Paso Queullin, on sandy spit extending from Punta Huin.	41° 52.5' S 72° 56.2' W	Fl.W. period 15s fl. 0.5s, ec. 14.5s	46 14	10	White round concrete tower with red band; 28.	Visible 326°-232°.
1662 <i>G 1693.5</i>	-Punta Trentelhue.	41° 53.8' S 72° 50.9' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	13 4	5	White fiberglass pillar, red band; 10.	Visible 032°-210°.
1664 <i>G 1693</i>	-Banco San Jose.	41° 50.5' S 72° 55.1' W	Fl.(2+1)R. period 14s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s fl. 0.3s, ec. 7.7s	43 13	6	Red triangular metal framework tower, green band; 43.	
1666 <i>G 1691.5</i>	-Punta Huron.	41° 55.7' S 72° 51.0' W	Fl.W. period 5s fl. 1s, ec. 4s	171 52	6	White fiberglass tower, red band; 11.	Visible 240° -090°.
1667.5 <i>G 1691</i>	-Bajo Chauchil.	41° 58.6' S 72° 49.1' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	10 3	6	White round metal pillar, red band with balcony; 10.	Visible 314°-131°.
1668 <i>G 1688</i>	-Punta Gualaihue.	42° 01.7' S 72° 41.3' W	Fl.W. period 12s fl. 1s, ec. 11s	39 12	8	White fiberglass tower, red band; 13.	Visible 210°-140°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1669 G 1689	-Punta Quebraolas.	42° 02.2' S 72° 38.6' W	Fl.W. period 5s fl. 1s, ec. 4s	66 20	6	White fiberglass tower, red band; 13.	Visible 305°-163°.
1672 G 1690	-Rio Negro.	41° 58.2' S 72° 28.5' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	23 7	9	White fiberglass tower, red bands; 13.	Visible 280°-090°.
1675 G 1657	-Estero Huequi.	42° 14.6' S 72° 46.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	33 10	3	White tower, red band; 11.	Visible 060°-340°.
1676 G 1656	-Punta Chulao.	42° 17.9' S 72° 50.0' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	98 30	9	White concrete tower, red band; 33.	Visible 357°-220°.
1680 G 1652.2	-Caleta Ayacara.	42° 19.2' S 72° 47.3' W	Fl.(3)R. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	26 8	5	Red fiberglass tower; 11.	Visible 010°-202°.
1684 G 1652	-Caleta Buill.	42° 25.3' S 72° 42.3' W	Fl.R. period 5s fl. 0.4s, ec. 4.6s	20 6	4	Red fiberglass tower; 11.	Visible 045°-119°.
1688 G 1651	-Poza de Chumilden.	42° 30.7' S 72° 49.2' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	121 37	7	White fiberglass tower, red band; 13.	Visible 020°-222°.
1692 G 1664	-Peninsula Guapilinao.	41° 57.4' S 73° 31.7' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	170 52	5	Green fiberglass tower; 11.	Visible 012°-343°.
1696 G 1662.5	-Morro Lobos, Isla Caucahue.	42° 06.4' S 73° 23.5' W	Fl.W. period 12s fl. 1s, ec. 11s	249 76	11	White fiberglass tower, red band; 13.	Visible 080°-087° and 090°- 345°.
1704 G 1662	-Quemchi, mole, head.	42° 08.7' S 73° 28.8' W	Fl.(4)G. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	13 4	8	Green fiberglass tower; 11.	
1705 G 1661.4	-Rocas Peligro.	42° 15.4' S 73° 18.0' W	Fl.R. period 5s fl. 0.4s, ec. 4.6s	23 7	4	Red conical steel piling, red round daymark; 21.	
1706 G 1661	-Piedra Lilecura.	42° 15.5' S 73° 19.8' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	20 6	4	Green round steel piling, green can daymark; 18.	
1708 G 1655	-Punta Tugnao.	42° 17.0' S 73° 03.8' W	Fl.W. period 15s fl. 1s, ec. 14s	40 12	11	White fiberglass tower, red band; 13.	Visible 160°-334°.
1712 G 1654	-Canal Anihue, Isla Mechuque.	42° 18.8' S 73° 16.3' W	Fl.G. period 3s fl. 0.3s, ec. 2.7s	29 9	5	Green fiberglass tower; 13.	Visible 004°-073°.
1716 G 1653	-Punta Tenaun.	42° 21.0' S 73° 22.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	19 6	8	White fiberglass tower, red band; 13.	Visible 195°-071°.
1720 G 1647.5	-Rada Quetalco.	42° 20.0' S 73° 33.0' W	Fl.G. period 10s fl. 0.5s, ec. 9.5s	20 6	5	PORT (B) G, fiberglass tower.	Visible 294°-030°.
	-Canal Dalcahue:						
1724 G 1647	--Dalcahue, pier, root.	42° 23.0' S 73° 39.0' W	Fl.G. period 3s fl. 0.3s, ec. 2.7s	26 8	7	Green fiberglass tower; 13.	
1728 G 1646	--Bunocoihue Point Range, front.	42° 23.0' S 73° 40.0' W	Fl.W. period 5s fl. 1s, ec. 4s	42 13	8	White fiberglass tower, red band; 13.	Visible 220°-045°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1732 G 1646.1	--Rear, about 328 meters 339° from front.	42° 23.4' S 73° 40.4' W	Fl.W. period 5s fl. 1s, ec. 4s	72 22	10	White fiberglass tower, red band; 26.	Visible 329°-349°.
1736 G 1644	--Punta Chulequehue Range, front.	42° 26.0' S 73° 39.0' W	Fl.W. period 5s fl. 1s, ec. 4s	35 11	8	White fiberglass tower, red band; 13.	Visible 138°-226° and 262°- 320°.
1740 G 1644.1	--Rear, about 200 meters 159° from front.	42° 25.9' S 72° 38.9' W	Fl.W. period 5s fl. 1s, ec. 4s	105 32	10	White fiberglass tower, red band; 13.	Visible 149°-169°.
1744 G 1642	Curaco de Velez.	42° 26.0' S 73° 37.0' W	Q.(9)W. period 15s	30 9	5	Yellow fiberglass column, black stripe on concrete base; 28.	
1748 G 1647.7	Punta Palqui, NE. end of Isla Quinchao.	42° 24.3' S 73° 30.7' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	85 26	7	White fiberglass tower, red band; 13.	Visible 128°-048°.
1752 G 1648	-Achao, root of pier.	42° 28.0' S 73° 30.0' W	Fl.G. period 5s fl. 1s, ec. 4s	20 6	9	Green metal pillar; 11.	
1756 G 1649	Isla Tuequelin, E. end.	42° 27.8' S 73° 14.2' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	141 43	7	White fiberglass tower, red band; 13.	Visible 129°-358°.
1760 G 1640	Punta Aguantao.	42° 32.0' S 73° 35.0' W	Fl.(4)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	23 7	7	White fiberglass tower, red band; 13.	Visible 179°-050°.
1764 G 1636.5	Punta Animo.	42° 32.2' S 73° 47.3' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	33 10	5	White fiberglass tower, red band; 33.	Visible 247°-097°.
1768 G 1637	Punta Peuque, Isla de Chiloe.	42° 31.4' S 73° 47.1' W	Fl.R. period 5s fl. 0.4s, ec. 4.6s	23 7	3	Red fiberglass tower; 11.	Visible 018°-255°.
1776 G 1638	Puerto Castro.	42° 28.7' S 73° 45.5' W	Fl.R. period 5s fl. 0.4s, ec. 4.6s	33 10	7	Red fiberglass tower; 20.	Aero Radiobeacon 0.8 mile N.
1780 G 1636	Isla Linlinao.	42° 34.4' S 73° 44.8' W	Fl.W. period 5s fl. 1s, ec. 4s	125 38	8	White fiberglass tower, red band; 18.	Visible 172°-057°.
1784 G 1634	Isla de Chiloe, Chonchi, mole, head.	42° 37.1' S 73° 46.2' W	Fl.R. period 5s fl. 1s, ec. 4s	20 6	8	Red fiberglass tower; 11.	
1788 G 1632	Islote Yal.	42° 39.6' S 73° 39.4' W	Fl.G. period 10s fl. 0.5s, ec. 9.5s	30 9	6	Green square concrete tower; 14.	
1792 G 1630	Isla Quehui, SW. point.	42° 38.8' S 73° 31.6' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	194 59	7	White concrete tower, red band; 18.	Visible 278°-174°.
1796 G 1631	-Huillo, E. side of entrance to Estero Pindo.	42° 37.1' S 73° 30.0' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	28 8	4	Green fiberglass tower; 18.	Visible 095°-125°.
1798 G 1649.5	Caleta Cheguian.	42° 34.8' S 73° 24.1' W	Fl.W. period 5s fl. 1s, ec. 4s	16 5	9	White fiberglass tower, red band; 11.	Visible 356°-098°.
1800 G 1628	Isla Imelev.	42° 37.0' S 73° 24.2' W	Fl.(2)W.R. period 6s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s	170 52	W. 6 R. 4	White fiberglass tower, red band; 26.	W. 087°-198°, R.-232°, W.- 058°, R.-087°.
1804 G 1624	Isla Chaulinec, near SE. point.	42° 39.5' S 73° 14.5' W	Fl.W. period 5s fl. 0.1s, ec. 4.9s	82 25	13	White round concrete tower, red bands; 25.	Visible 218°-087°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1808 G 1625	Tres Redes.	42° 37.6' S 73° 17.9' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	23 7	6	White fiberglass tower, red band; 11.	Visible 093°-277°.
1812 G 1623.5	Isla Chulin.	42° 37.0' S 73° 03.9' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	33 10	7	White fiberglass tower, red band; 13.	Visible 315°-176°.
1816 G 1650	Punta Tengo.	42° 37.2' S 72° 51.1' W	Fl.W. period 12s fl. 1s, ec. 11s	23 7	8	White fiberglass tower, red band; 13.	Visible 005°-196°.
GOLFO CORCOVADO:							
1820 G 1623	-Roca Naranjo, off N. end of Isla Talcan.	42° 41.3' S 73° 00.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	21 6	2	White fiberglass tower, red band; 10.	
1824 G 1622	-Punta Chana.	42° 46.2' S 72° 51.2' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	30 9	7	White concrete tower, red band; 13.	Visible 344°-180°.
1826 G 1621	-Punta Garcia.	42° 56.0' S 72° 48.5' W	Fl.W. period 5s fl. 1s, ec. 4s	16 5	9	White fiberglass tower, red band; 11.	Visible 117°-290°30'.
1828 G 1620	-Punta Piedra Blanca.	42° 54.7' S 72° 43.2' W	Fl.W. period 10s fl. 1s, ec. 9s	20 6	9	White fiberglass tower, red band; 13.	Visible 074°-122°.
1836 G 1610	-Punta Chomio.	42° 53.0' S 73° 27.8' W	Fl.(4)W. period 12s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 5.7s	39 12	7	White fiberglass tower, red band; 26.	Visible 165°-032°.
1840 G 1611	-Punta Queilen.	42° 54.2' S 73° 29.1' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	23 7	5	Green fiberglass tower; 13.	
1848 G 1613	-Islote Conejos.	42° 54.7' S 73° 35.7' W	Fl.(2)W. period 10s fl. 0.5s, ec. 2.4s fl. 0.5s, ec. 6.6s	46 14	6	Black fiberglass tower, red band; 18.	
1852 G 1606	-Isla Tranqui, on Punta Centinela.	43° 01.0' S 73° 20.0' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	105 32	7	White fiberglass tower, red band; 26.	Visible 141°-026°.
1856 G 1604	-Estero Huidad, on point, N. side of entrance.	43° 04.2' S 73° 30.8' W	Fl.R. period 5s fl. 0.4s, ec. 4.6s	41 12	6	Red fiberglass tower; 18.	Visible 231°-311°.
1868 G 1603	--Rampa Quellon.	43° 07.0' S 73° 38.0' W	Fl.G. period 5s fl. 1s, ec. 4s	33 10	8	PORT (B) G, pillar; 18.	
1872 G 1598	-Punta Direccion, Isla Cailin.	43° 10.3' S 73° 29.9' W	Fl.W. period 5s fl. 1s, ec. 4s	30 9	6	White round concrete tower, red band; 20.	Visible 216°-020°.
1874 G 1599	-Punta Yelcho.	43° 12.4' S 73° 35.8' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	26 8	6	White fiberglass tower, red band; 16.	Visible 300°-226°.
1876 G 1597	-Isla Mauchil.	43° 15.6' S 73° 40.1' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	26 8	7	White fiberglass tower, red band; 13.	Visible 145°-005°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1880 G 1596	-Isla Laitec, S. extremity.	43° 16.2' S 73° 34.5' W	Fl.W. period 5s fl. 0.1s, ec. 4.9s	95 29	13	White fiberglass tower, red band; 26.	Visible 186°-090°.
1884 G 1590	Islotes Queitao.	43° 43.5' S 73° 29.9' W	Fl.W. period 10s fl. 0.2s, ec. 9.8s	423 129	14	White fiberglass tower, red band; 26.	
1888 G 1592	Isla Guafo.	43° 33.8' S 74° 50.0' W	Fl.W. period 10s fl. 0.2s, ec. 9.8s	472 144	19	White round fiberglass tower, two-story dwelling; 26.	Visible 359°-235°.
	RACON		G(- - •)		25		
1892 G 1589	Falsa Melinka, E. end of Isla Ascension	43° 52.5' S 73° 44.0' W	Fl.W. period 12s fl. 1s, ec. 11s	26 8	10	White fiberglass tower, red bands; 13.	Visible 160°-010°.
1896 G 1588	Melinka.	43° 54.2' S 73° 44.8' W	Fl.R. period 6s fl. 0.5s, ec. 5.5s	20 6	3	Red iron pillar; 16.	Visible 253°-105°.
CANAL MORALEDA:							
1900 G 1586	-Rada Palena.	43° 45.2' S 72° 56.9' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	33 10	5	White fiberglass tower, green upper part; 11.	Visible 345°-097°.
1904 G 1584	-Islote Locos.	43° 59.2' S 73° 27.1' W	Fl.W. period 15s fl. 0.7s, ec. 14.3s	148 45	10	White truncated conical concrete tower, red band; 33.	
1908 G 1581	-Isla Mulchey.	44° 07.7' S 73° 26.7' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	26 8	7	White fiberglass tower, red bands; 13.	Visible 198°-012°.
1910 G 1583	-Isla Garrao Chico.	44° 18.8' S 73° 44.7' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	20 6	5	White fiberglass tower, red band; 11.	Visible 014°-171°.
1912 G 1582	-Roca Negra, Canal Perez Norte.	44° 06.3' S 73° 45.2' W	Fl.(4)W. period 18s fl. 0.3s, ec. 2s fl. 0.3s, ec. 2s fl. 0.3s, ec. 2s fl. 0.3s, ec. 10.8s	16 5	5	White finned metal pile; 10.	
1916 G 1580	-Isla El Gorro, N. end.	44° 18.1' S 73° 27.8' W	Fl.(4)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	108 33	7	White fiberglass tower, red band; 13.	Visible 160°-006°.
-Canal Jacaf:							
1917 G 1580.4	--Isla Vico.	44° 18.2' S 73° 16.6' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	43 13	5	White fiberglass tower, red band; 11.	Visible 041°-287°.
1917.2 G 1580.5	--Roca Chacabuco.	44° 16.4' S 73° 24.1' W	Fl.(2)W. period 10s fl. 0.5s, ec. 2.4s fl. 0.5s, ec. 6.6s	20 6	3	ISOLATED DANGER BRB, pillar, red band; 26.	
1917.5 G 1580.7	--Roca Orestes.	44° 29.1' S 72° 43.5' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	16 5	5	White fiberglass tower, red band; 11.	
1920 G 1575.7	-Paso Galvarino.	44° 23.5' S 72° 36.5' W	Fl.(4)W. period 12s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 5.7s	52 16	6	White fiberglass tower, red band; 26.	Visible 168°-024°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
1922 G 1575.8	--N. end.	44° 22.8' S 72° 36.2' W	FI.G. period 5s fl. 0.4s, ec. 4.6s	13 4	4	White fiberglass tower, red bands; 11.	Visible 142°-357°.
1924 G 1578	-Penon Blanco.	44° 23.1' S 73° 32.3' W	FI.W. period 10s fl. 0.5s, ec. 9.5s	24 7	7	White fiberglass tower, red bands; 11.	
1926 G 1576.5	-Canal Perez Sur, Isla Brieva.	44° 37.2' S 73° 52.0' W	FI.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	15 5	5	White fiberglass tower, red band; 11.	Visible 145°-340°.
1928 G 1577.5	-Punta Calqueman.	44° 38.5' S 73° 27.2' W	FI.W. period 5s fl. 0.4s, ec. 4.6s	30 9	7	White fiberglass tower, red band; 13.	Visible 010°-212°.
1932 G 1577	-Cayo Blanco, N. side of entrance to Puerto Frances.	44° 47.0' S 73° 32.2' W	FI.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	59 18	6	White truncated conical concrete tower, red band; 33.	
1934 G 1576.3	-Islote Cervantes.	44° 52.9' S 73° 42.2' W	FI.W. period 5s fl. 0.4s, ec. 4.6s	20 6	6	White fiberglass tower, red bands; 11.	Visible 083°-290°.
	-Canal Puyuguapi:						
1936 G 1575.2	--Isla San Andres.	44° 56.2' S 73° 19.8' W	FI.W. period 5s fl. 1s, ec. 4s	33 10	6	White fiberglass tower, red band; 18.	Visible 278°-112°.
1940 G 1575.3	--Islote Marta.	44° 49.3' S 72° 58.5' W	FI.W. period 5s fl. 0.3s, ec. 4.7s	20 6	5	White column, red band, concrete base; 13.	Visible 221°-043°.
1944 G 1575.5	--Puerto Cisnes.	44° 43.5' S 72° 41.9' W	FI.G. period 5s fl. 0.4s, ec. 4.6s	30 9	3	Green fiberglass tower; 13.	Visible 298°-158°.
1948 G 1576	-Isla Tuap.	44° 55.8' S 73° 31.0' W	FI.(4)W. period 12s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 5.7s	39 12	6	White fiberglass tower, red band; 13.	Visible 029°-234°.
1952 G 1574	-Islote Eugenia.	44° 59.0' S 73° 28.6' W	FI.W. period 10s fl. 0.5s, ec. 9.5s	23 7	6	White fiberglass tower, red band; 13.	Visible 159°-017°.
1956 G 1575	-Islote El Morro.	45° 08.3' S 73° 37.9' W	FI.W. period 5s fl. 0.1s, ec. 4.9s	230 70	13	White truncated conical concrete tower, red band; 23.	
1960 G 1573.5	-Islote Precaucion.	45° 09.5' S 73° 29.9' W	FI.R. period 10s fl. 0.5s, ec. 9.5s	39 12	7	Red fiberglass tower; 13.	Visible 010°-231°.
1962 G 1573.4	-Roca West.	45° 12.8' S 73° 31.7' W	FI.(2)G. period 10s fl. 0.5s, ec. 2.4s fl. 0.5s, ec. 6.6s	15 5	6	White fiberglass tower, green band; 11.	
1964 G 1573.3	-Islote Boina.	45° 12.9' S 73° 31.2' W	FI.R. period 3s fl. 0.3s, ec. 2.7s	59 18	5	Red fiberglass tower; 20.	Visible 342°-201°.
1968 G 1568.8	-Islote Santa Maria.	45° 19.6' S 73° 41.3' W	FI.W. period 5s fl. 0.4s, ec. 4.6s	25 8	6	White fiberglass tower, red band; 13.	Visible 107°-012°.
1970 G 1573	Isla Colorada.	45° 20.7' S 73° 21.2' W	FI.W. period 10s fl. 0.5s, ec. 9.5s	20 6	8	White fiberglass tower, red bands; 11.	Visible 296°-216°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
CANAL PILCOMAYO:							
1972 G 1571.5	-Isla Carvallo, S. end.	45° 16.4' S 73° 27.8' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	39 12	6	White fiberglass tower, red bands; 20.	Visible 346°-154°.
1976 G 1571.5	-Punta Elisa, NE. side of Island.	45° 18.1' S 73° 19.6' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	23 7	7	White fiberglass tower, red band; 11.	Visible 095°-274°.
SENO AISEN:							
1980 G 1571.7	-Caleta Bluff, N. side of bay.	45° 28.2' S 72° 52.0' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	56 17	8	White fiberglass tower, red bands; 11.	Visible 076°-237°.
1982 G 1572.6	-Puerto Chacabuco, SE. Range, front.	45° 28.3' S 72° 49.1' W	Fl.(4)R. period 12s fl. 0.4s, ec. 1.6s fl. 0.4s, ec. 1.6s fl. 0.4s, ec. 1.6s fl. 0.4s, ec. 5.6s	39 12	3	Red fiberglass tower; 26.	Visible 060°-180°.
1982.1 G 1572.61	--Rear, 149° from front.	45° 28.4' S 72° 49.0' W	Fl.(4)R. period 12s fl. 0.4s, ec. 1.6s fl. 0.4s, ec. 1.6s fl. 0.4s, ec. 1.6s fl. 0.4s, ec. 5.6s	69 21	3	Red fiberglass tower; 10.	Visible 060°-180°.
1982.2 G 1572.55	--Ferry Terminal D Range, front.	45° 28.2' S 72° 49.0' W	FR.	43 13	4	Iron post, red triangular daymark, yellow band; 41.	Visible 060°-180°.
1982.3 G 1572.551	---Rear, 43.5 meters 124° from front.	45° 28.2' S 72° 49.0' W	Fl.R. period 3s fl. 1s, ec. 2s	63 19	4	Red metal post, triangular daymark point down, yellow band; 23.	Visible 060°-180°.
1982.4 G 1572.4	--NE. Range, front.	45° 27.9' S 72° 49.1' W	Fl.(3)G. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	72 22	5	White fiberglass tower, red band; 10.	Visible 013°-123°. Two range beacons in line 051°, Fl(3) R 9s, 140 meters SW.
1982.5 G 1572.41	---Rear, 30 meters 056° from front.	45° 27.9' S 72° 49.1' W	Fl.(3)G. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	82 25	5	White fiberglass tower, red band; 26.	Visible 013°-123°.
1984 G 1572	--Punta Barruel.	45° 24.8' S 72° 48.6' W	Fl.R. period 5s fl. 0.4s, ec. 4.6s	16 5	3	Red fiberglass tower; 13.	Visible 023°-263°.
CANAL ERRAZURIZ:							
1988 G 1570.5	-Islote Errazuriz.	45° 32.0' S 73° 48.7' W	Fl.W. period 10s fl. 1s, ec. 9s	23 7	6	White fiberglass tower, red band; 20.	Visible 201°-031°.
1992 G 1570	-Islote Diego.	45° 40.0' S 73° 51.8' W	Fl.(4)W. period 12s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 5.7s	33 10	7	White fiberglass tower, red band; 18.	Visible 191°-033°.
1996 G 1570.6	-Isla Raimapu.	45° 48.6' S 73° 34.8' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	29 9	11	White fiberglass tower, red band; 13.	Visible 223°-083°.
2000 G 1570.65	-Islote Los Mogotes.	45° 57.0' S 73° 39.0' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	23 7	4	Green fiberglass tower; 13.	Visible 145°-060°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
CANAL DARWIN:							
2004 G 1569	-Isla Mitahues.	45° 24.7' S 73° 44.6' W	Fl.(4)W. period 12s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 5.7s	174 53	5	White fiberglass tower, red band; 11.	Visible 230°-096°30'.
2008 G 1568.5	-Islote del Pangal.	45° 27.0' S 73° 49.6' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	20 6	6	White fiberglass tower, red band; 13.	Visible 050°-250°.
2012 G 1568.3	-Punta Mayhew.	45° 27.2' S 73° 54.3' W	Fl.G. period 3s fl. 0.3s, ec. 2.7s	13 4	5	Green fiberglass tower; 6.	Visible 265°-124°.
2014 G 1568.2	-Islote Maipo.	45° 27.0' S 73° 55.3' W	Fl.R. period 5s fl. 0.4s, ec. 4.6s	16 5	5	Red fiberglass tower; 13.	Visible 128°-348°.
2016 G 1568	-Isla Quemada, Canal Darwin, W. end	45° 25.2' S 74° 01.6' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	26 8	5	White truncated conical concrete tower, red bands; 20.	Visible 284°-111°.
2020 G 1567	-Punta Quilan.	45° 23.6' S 74° 07.6' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	26 8	5	White fiberglass tower, red band; 13.	Visible 064°-297°.
2024 G 1565	-Roca Pajaros.	45° 24.0' S 74° 11.0' W	Fl.(2+1)R. period 14s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s fl. 0.3s, ec. 7.7s	26 8	6	Red fiberglass tower, green bands; 13.	
2028 G 1564.5	-Isla Isquiliac.	45° 25.4' S 74° 20.9' W	Fl.W. period 10s fl. 1s, ec. 9s	23 7	10	White fiberglass tower, red band; 13.	Visible 274°-120°.
2032 G 1564	-Isla Auchilu.	45° 20.5' S 74° 34.7' W	Fl.W. period 15s fl. 0.3s, ec. 14.7s	230 70	15	White truncated conical concrete tower, red bands; 33.	Visible 210°-090°.
2036 G 1563	Isla Inchemo.	45° 48.5' S 74° 58.4' W	Fl.W. period 10s fl. 0.2s, ec. 9.8s	105 32	14	White concrete tower, red band; 13.	Visible 231°-118°.
RACON			M(- -)				
2037 G 1563.5	Isla Ricardo.	45° 49.4' S 74° 28.6' W	Fl.(4)W. period 12s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 5.7s	66 20 6 2	4	White fiberglass tower with red band; 13.	Visible 055°-219°.
2037.5 G 1563.7	Isla Lucia.	45° 42.0' S 74° 08.2' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	16 5	5	Green fiberglass tower; 13.	Visible 284°-108°.
2038 G 1563.6	Punta Morro.	45° 46.2' S 74° 20.0' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	26 8	4	White fiberglass tower, red band; 11.	Visible 090°-300°.
2038.5 G 1563.8	Punta Urizar.	45° 41.7' S 74° 16.7' W	Fl.W. period 5s fl. 0.3s, ec. 4.7s	18 5	5	White fiberglass tower, red band; 13.	Visible 280°-080°.
2039 G 1563.3	Isla Centro.	45° 47.2' S 74° 40.2' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	20 6	5	White fiberglass tower, red band; 11.	Visible 258°-119°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
2040 G 1562	Cabo Raper.	46° 49.1' S 75° 38.0' W	Fl.W. period 5s fl. 0.1s, ec. 4.9s	200 61	18	White round concrete tower, dwelling; 46.	Visible 331°-175°.
2041 G 1563.2	Isla Direccion.	45° 48.9' S 74° 46.3' W	Fl.(4)W. period 12s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 5.7s	33 10	5	White fiberglass tower, red band; 11.	Visible 060°-283°.
2043 G 1558.49	-Punta Piedras.	49° 16.2' S 75° 29.0' W	Fl.W. period 10s fl. 0.2s, ec. 9.8s	59 18	14	White fiberglass tower, red band; 13.	Visible 245°-080°.
	-RACON		O(---)		18		
CANAL MESSIER:							
2044 G 1558	-Isla San Pedro.	47° 43.2' S 74° 53.0' W	Fl.W. period 10s fl. 0.3s, ec. 9.7s	128 39	16	White fiberglass tower, red band; 26.	Visible 124°-328°. Aero Radiobeacon 300 meters N.
2048 G 1557	-Isla Penguin, NE. point of island.	47° 48.8' S 74° 48.0' W	Fl.W. period 12s fl. 0.7s, ec. 11.3s	53 16	10	White fiberglass tower, red band; 13.	Visible 139°-340°.
CANAL BAKER:							
2049 G 1560.5	-Punta Elena.	47° 58.0' S 73° 47.9' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	20 6	6	White fiberglass tower, red band; 11.	Visible 348°-143°.
2049.5 G 1558.5	-Punta Esmeralda.	47° 51.8' S 73° 46.2' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	33 10	9	White fiberglass tower, red band; 11.	Visible 340°-135°.
2050 G 1559	Tortel Inlet	47° 50.8' S 73° 35.4' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	118 36	5	PORT (B) G, fiberglass tower; 11.	
2051 G 1560	Punta Stean.	47° 56.2' S 74° 32.7' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	20 6	6	White fiberglass tower, red bands; 11.	Visible 187°-045°.
2052 G 1556	-Isla Millar, E. side.	47° 59.2' S 74° 43.0' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	33 10	7	White fiberglass tower, red band; 13.	Visible 162°-342°.
2053 G 1560.2	-Punta Stony.	48° 01.4' S 74° 20.2' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	26 8	7	White fiberglass tower, red band; 11.	Visible 129°-227°.
2054 G 1560.4	-Punta Laura.	48° 03.3' S 73° 53.4' W	Fl.(4)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	23 7	4	White fiberglass tower, red band; 11.	Visible 108°-319°.
CANAL FALLOS							
2055 G 1558.45	-Islotes Campino.	47° 57.2' S 75° 15.8' W	Fl.W. period 10s fl. 0.2s, ec. 9.8s	49 15	14	White fiberglass tower, red band; 13.	
	-RACON		T(-)		18		
2056 G 1555	-Morro Cook.	48° 16.0' S 74° 35.0' W	Fl.W. period 10s fl. 0.7s, ec. 9.3s	46 14	8	White fiberglass tower, red band; 26.	Visible 356°-164°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
2060 G 1554	-Isla Middle, W. extremity.	48° 29.8' S 74° 30.8' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	66 20	8	White fiberglass tower, red band; 13.	Visible 332°-185°.
2064 G 1553	-Islote Direccion.	48° 41.3' S 74° 26.2' W	Fl.W. period 10s fl. 1s, ec. 9s	98 30	9	White round concrete tower, red band; 33.	
2068 G 1552	-Bajo Cotopaxi.	48° 45.4' S 74° 28.0' W	Fl.(2)G. period 6s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s	66 20	6	Green metal tower on the wreck Capitan Leonidas; 8.	Radar reflector.
2072 G 1550	-Isla Williams.	48° 46.0' S 74° 24.0' W	Fl.G. period 5s fl. 1s, ec. 4s	14 4	6	PORT (B) G, tower; 13.	Visible 230°-097°.
2076 G 1548	-Isla Daly.	48° 52.0' S 74° 29.0' W	Fl.(4)W. period 12s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 5.7s	36 11	8	White fiberglass tower, red band; 26.	Visible 188°-335°.
2077 G 1547.52	-Punta Oldenburg.	48° 39.2' S 74° 41.1' W	Fl.G. period 5s fl. 1s, ec. 4s	16 5	4	Green fiberglass tower, green square daymark; 11.	Visible 091°-300°.
2078 G 1547.51	-Punta Millanga.	48° 42.7' S 74° 34.7' W	Fl.G. period 3s fl. 0.3s, ec. 2.7s	16 5	4	Green fiberglass tower, green square daymark; 11.	Visible 141°-327°.
2079 G 1547.5	-Cabo Nelson.	48° 40.4' S 74° 27.5' W	Fl.R. period 3s fl. 0.3s, ec. 2.7s	26 8	4	Red fiberglass tower, red triangular daymark; 11.	Visible 234°-065°.
2080 G 1547	-Bahia Liberta, Puerto Gray.	48° 55.8' S 74° 21.6' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	92 28	8	White fiberglass tower, red band; 20.	Visible 024°-334°.
2084 G 1546.3	-Islote Eden.	49° 08.5' S 74° 26.6' W	Fl.(2+1)R. period 14s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s fl. 0.3s, ec. 7.7s	82 25	2	Red fiberglass tower, green band; 20.	
2086 G 1546.8	-Roca Pascua.	49° 07.0' S 74° 24.5' W	Fl.(2)R. period 6s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 3.5s	23 7	5	Red fiberglass tower, red triangular daymark; 21.	Radar reflector.
2087 G 1546.7	-Bajo Capac.	49° 07.5' S 74° 24.5' W	Fl.(2)G. period 6s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 3.5s	20 6	5	Green fiberglass tower, green rectangular daymark; 20.	Radar reflector.
2088 G 1546	-Isla Carlos.	49° 09.4' S 74° 25.6' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	21 6	6	White fiberglass tower, red band; 13.	Visible 226°-137°.
2092 G 1545	-Islotes Guia.	49° 10.0' S 74° 21.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	23 7	7	White fiberglass tower, red band; 13.	
2096 G 1544	-Islote Bouquet.	49° 14.2' S 74° 22.5' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	29 9	5	Green concrete tower; 20.	
2100 G 1542	-Isla Crossover.	49° 17.4' S 74° 24.0' W	Fl.(4)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	36 11	6	White fiberglass tower, red band; 20.	Visible 192°-359°.
2104 G 1541	-Isla Foot.	49° 22.9' S 74° 25.1' W	Fl.W. period 5s fl. 0.7s, ec. 4.3s	36 11	9	White fiberglass tower, red band; 20.	Visible 003°-211°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
CANAL GRAPPLER:							
2108 G 1540	-Punta Hayman, Isla Saumarez, N. end of Canal Grappler.	49° 25.0' S 74° 24.5' W	Fl.(4)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	33 10	7	White concrete tower, red band; 20.	Visible 135°-323°.
2112 G 1539	Canal Grappler.	49° 26.9' S 74° 18.3' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	52 16	6	White fiberglass tower, red band; 18.	Visible 328°-123°.
2116 G 1538	-Cerro Colorado (Red Cape), S. end of Canal Grappler.	49° 31.8' S 74° 14.2' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	30 9	7	White concrete tower, red band; 20.	Visible 338°36'-146°.
CANAL WIDE:							
2120 G 1536	-Isla Mason, S. end of Canal Icy, Canal Wide.	49° 38.7' S 74° 21.0' W	Fl.W. period 15s fl. 1s, ec. 14s	82 25	10	White octagonal concrete tower, red band; 31.	Visible 198°-066°.
2124 G 1535	-Punta Cameron.	49° 54.1' S 74° 24.3' W	Fl.W. period 15s fl. 1s, ec. 14s	20 6	10	White fiberglass tower, red band; 13.	Visible 187°-032°.
2128 G 1534.7	-Punta Sunbeam.	50° 04.6' S 74° 39.6' W	Fl.(4)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	33 10	5	White fiberglass tower, red band; 20.	Visible 106°-333°.
2132 G 1534.8	-Punta Squire.	50° 05.7' S 74° 36.8' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	29 9	7	White fiberglass tower, red band; 20.	Visible 039°-218°.
2134 G 1534.5	Cabo Primero.	49° 50.8' S 75° 36.7' W	Fl.W. period 15s fl. 1s, ec. 14s	52 16	9	White fiberglass tower, red band; 13.	Visible 270°-167°.
	RACON		O(- - -) period 30s		15		Visible 270°-114°.
CANAL TRINIDAD:							
2136 G 1534.3	-Isla Hernando.	50° 00.4' S 75° 04.4' W	Fl.(4)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	30 9	7	White fiberglass tower, red band; 20.	Visible 117°-280°.
2140 G 1534.4	Tudor, S. side of Canal Trinidad.	50° 00.1' S 75° 22.1' W	Fl.W. period 10s fl. 0.2s, ec. 9.8s	105 32	14	White fiberglass tower, red band; 13.	Visible 074°-152° and 167°- 261°. AIS (MMSI No 997251001). Radar reflector.
	RACON		T(-) period 30s				
2144 G 1534.2	Isla Medio, Canal Trinidad.	50° 05.8' S 74° 48.3' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	39 12	5	White fiberglass tower, red band; 13.	Visible 313°-188°.
CANAL CONCEPCION:							
2148 G 1534	-Isla Stratford, W. side of Estrecho de Concepcion.	50° 11.8' S 74° 47.8' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	82 25	7	White octagonal concrete tower, red band; 31.	Visible 220°-055°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
2152 G 1533	-Punta San Miquel, S. extremity of Isla Drummond Hay.	50° 18.0' S 74° 51.9' W	Fl.W. period 5s fl. 1s, ec. 4s	20 6	8	White fiberglass tower; red band; 13.	Visible 248°-162°.
-West Canal:							
2156 G 1531.5	--Islote Bascunan, in Fiordo Eleuterio.	50° 21.5' S 75° 16.8' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	27 8	7	White fiberglass tower, red band; 13.	Visible 240°-095°.
2160 G 1531	--Islote Metalero, E. side of entrance to Fiordo Contreras.	50° 26.5' S 75° 20.6' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	59 18	8	White fiberglass tower, red band; 13.	Visible 247°-214°.
2162 G 1530.6	--Islote Guia.	50° 28.2' S 75° 16.1' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	33 10	6	PORT (B) G, fiberglass tower; 13.	Visible 238°-149°.
2164 G 1530.3	--Isla Duque de York, Punta Anunciada.	50° 30.0' S 75° 03.9' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	23 7	10	White fiberglass tower, red band; 18.	Visible 096°-283°.
2168 G 1530	Isla Inocentes, E. side.	50° 33.0' S 74° 50.4' W	Fl.W. period 12s fl. 0.5s, ec. 11.5s	105 32	9	White concrete tower, red band; 33.	Visible 142°-348°.
2172 G 1529	Islotes Wheeler.	50° 33.9' S 74° 44.2' W	Fl.W. period 5s fl. 1s, ec. 4s	26 8	6	White fiberglass tower, red band; 20.	Visible 330°-160°.
2176 G 1528	Punta Don.	50° 40.1' S 74° 37.6' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	33 10	7	White fiberglass tower, red band; 20.	Visible 325°-150°.
ANGOSTURA GUIA:							
2180 G 1526	-Punta Porpoise.	50° 44.4' S 74° 31.4' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	52 16	6	White octagonal concrete tower, green band on top; 33.	Visible 120°-320°.
2184 G 1527	-Isla Guard.	50° 44.2' S 74° 31.0' W	Fl.R. period 5s fl. 0.4s, ec. 4.6s	23 7	6	White fiberglass tower, red band, red triangular daymark; 13.	Visible 307°-127°.
2188 G 1524	-Isla Escala Alta, N. point of island.	50° 46.0' S 74° 26.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	43 13	7	White octagonal concrete tower, red band; 13.	Visible 116°-327°.
CANAL ESTEBAN							
2190 G 1523	-Isla Don Canales.	50° 52.0' S 74° 21.0' W	Fl.W. period 10s fl. 1s, ec. 9s	18 6	10	White fiberglass tower, red band; 13.	Visible 032°-241°.
CANAL SARMIENTO:							
2192 G 1520	-Isla Bonduca.	50° 56.0' S 74° 17.0' W	Fl.W. period 12s fl. 0.7s, ec. 11.3s	89 27	10	White round concrete tower, red band; 33.	Visible 315°-170°.
2196 G 1518	-Puerto Bueno, Islote Pounds.	51° 00.0' S 74° 14.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	59 18	6	White fiberglass tower, red band; 20.	Visible 156°-144°. Obscured by Hoskins Island 144°-156°.
2200 G 1517	-Punta San Marcos.	51° 03.0' S 74° 13.0' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	30 9	6	White fiberglass tower, red band; 13.	Visible 321°-161°.
2204 G 1516	-Punta Plumper, Isla Lucia.	51° 10.0' S 74° 10.0' W	Fl.W. period 10s fl. 1s, ec. 9s	36 11	9	White concrete tower, red band; 20.	Visible 340°-168°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
2206 G 1516.5	Isla Del Medio.	51° 16.9' S 74° 21.6' W	Fl.W. period 5s fl. 1s, ec. 4s	26 8	9	PORT (B) G, fiberglass tower; 20.	Visible 209°-056°.
2208 G 1514	-Punta Don Pedro, Isla Vancouver.	51° 25.3' S 74° 05.0' W	Fl.W. period 15s fl. 0.7s, ec. 14.3s	75 23	10	White concrete tower, red band; 20.	Visible 171°-342°.
2212 G 1509	-Isla Piazzì.	51° 40.0' S 74° 00.0' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	52 16	10	White fiberglass tower, red band; 20.	Visible 165°-354°.
2216 G 1508.5	-Cabo Gracias, Isla Carrington, W. side.	51° 42.0' S 73° 57.0' W	Fl.W. period 5s fl. 1s, ec. 4s	39 12	8	White fiberglass tower, red band; 13.	Visible 336°-154°.
2220 G 1508	Bahia Gregg.	51° 49.5' S 73° 51.0' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	43 13	7	White octagonal concrete tower, red band; 33.	Visible 150°-000°.
ESTRECHO COLLINGWOOD:							
2224 G 1506	-Isla Quena.	51° 49.0' S 73° 42.0' W	Fl.W. period 10s fl. 1s, ec. 9s	33 10	9	White fiberglass tower, red band; 26.	Visible 300°-180°.
2228 G 1507	-Punta Redfern, Isla Newton.	51° 50.5' S 73° 43.3' W	Fl.(4)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	27 8	6	White fiberglass tower, red band; 13.	Visible 140°-335°.
2232 G 1504.2	-Arrecife Cloyne.	51° 59.0' S 73° 41.0' W	Fl.(2)G. period 6s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s	20 6	6	Green iron tower, fiberglass panels; 16.	
2236 G 1504	-Punta Cork, Isla Brinkley.	51° 59.0' S 73° 41.0' W	Fl.W. period 10s fl. 1s, ec. 9s	42 13	8	White hexagonal concrete tower, red band; 33.	Visible 335°-204°.
2240 G 1504.5	-Roca Bessel.	52° 00.0' S 73° 42.0' W	Fl.(2)R. period 6s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 3.5s	28 9	4	STARBOARD (B) R, tower; 13.	
SENO ULTIMA ESPERANZA:							
2244 G 1502	-Islote Cisnes.	51° 47.0' S 72° 32.0' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	20 6	5	Green fiberglass post, rectangular marks; 11.	
CANAL SMYTH:							
2252 G 1496	-Promontorio Stanley.	52° 04.0' S 73° 44.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	43 13	6	White octagonal concrete tower, red band; 20.	Visible 332°-180°.
2254 G 1495.5	Arriagada Islands.	52° 01.7' S 73° 34.5' W	Fl.W. period 5s fl. 1s, ec. 4s	28 8	8	White fiberglass tower, red band; 13.	Visible 344°-151°.
2256 G 1495	Islotes Thomson.	52° 08.0' S 73° 34.0' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	34 10	7	White fiberglass tower, red band; 13.	
2260 G 1503.5	-Isla Jaime.	52° 11.0' S 73° 17.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	39 12	7	White fiberglass pillar, red band; 18.	Visible 125°-267°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
2262 G 1503	Cabo Grey.	52° 07.3' S 73° 13.0' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	30 9	6	White fiberglass tower, red band; 11.	Visible 276°-098°.
2264 G 1494	-Isla Cutler, S. end.	52° 15.0' S 73° 39.0' W	Fl.(4)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	49 15	5	White fiberglass tower, red band; 26.	Visible 181°-034°.
2268 G 1493	-Islote Hozven.	52° 16.5' S 73° 40.8' W	Fl.W. period 5s fl. 1s, ec. 4s	23 7	6	White fiberglass tower, red band; 13.	Visible 185°-036°.
2276 G 1492	-Islote Bradbury.	52° 21.0' S 73° 38.0' W	Q.(9)W. period 15s	26 8	8	W. CARDINAL YBY, tower; 13.	
2280 G 1491.5	-Islote Pollo.	52° 22.8' S 73° 41.4' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	46 14	7	White fiberglass tower, red band; 26.	
2288 G 1490	-Roca Pearse.	52° 30.5' S 73° 37.1' W	Fl.(3)R. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	23 7	5	Red square concrete tower; 12.	
2289 G 1490.5	-Roca Alert.	52° 29.8' S 73° 37.3' W	Fl.(2)W. period 10s fl. 0.5s, ec. 2.4s fl. 0.5s, ec. 6.6s	20 6	6	Black fiberglass tower, red band; 11.	
2292 G 1488	-Punta George, Isla Richards.	52° 31.7' S 73° 37.5' W	Fl.(4)G. period 12s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 5.7s	26 8	6	PORT (B) G, tower; 13.	Visible 168°-024°.
2293 G 1487	-Islotes Adelaide, W. side.	52° 31.9' S 73° 36.8' W	Fl.(4)R. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	26 8	3	Red fiberglass tower; 13.	Visible 039°-222°.
2296 G 1486	-Isla Shoal, W. side.	52° 32.9' S 73° 38.2' W	Fl.R. period 5s fl. 0.4s, ec. 4.6s	29 9	7	Red fiberglass tower; 13.	Visible 348°-209°.
2297 G 1486.5	-Islotes Evans, E. side.	52° 32.6' S 73° 39.3' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	26 8	5	White fiberglass tower, red band; 13.	Visible 237°-084°.
2298 G 1485	-Promontorio Sivel, W. side.	52° 33.6' S 73° 36.9' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	23 7	5	White concrete tower, red band; 14.	Visible 290°-122°.
2300 G 1484	-Punta Buckley.	52° 34.0' S 73° 38.1' W	Fl.(2)G. period 6s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s	20 6	6	Green fiberglass tower; 13.	Visible 167°-020°.
2304 G 1483	-Islote Green, E extremity.	52° 36.1' S 73° 40.7' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	38 12	8	White fiberglass tower, red band; 26.	Visible 164°-045°.
2308 G 1482.5	-Cabo Walker.	52° 37.4' S 73° 40.2' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	39 12	7	White fiberglass tower, red band; 13.	Visible 035°-188°.
2312 G 1482	-Islote Lautaro.	52° 42.8' S 73° 46.9' W	Fl.G. period 5s fl. 1s, ec. 4s	20 6	6	Green fiberglass tower; 13.	Visible 225°-037°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
2316 G 1481	-Islote Oscar.	52° 43.7' S 73° 43.9' W	Fl.R. period 5s fl. 0.4s, ec. 4.6s	26 8	3	STARBOARD (B) R, tower; 19.	Visible 035°-198°.
2320 G 1480	-Islote Fairway.	52° 43.9' S 73° 46.9' W	Fl.W. period 5s fl. 0.3s, ec. 4.7s	128 39	19	White hexagonal concrete tower, red band; 18.	Obscured 266°-268°. Signal station.
2322 G 1480.5	-Isla Boston.	52° 47.0' S 73° 46.8' W	Fl.R. period 5s fl. 0.4s, ec. 4.6s	20 6	6	STARBOARD (B) R, tower; 11.	Visible 070°-209°.
2324 G 1498	Islotes Evangelistas.	52° 24.0' S 75° 06.0' W	Fl.W. period 10s fl. 0.3s, ec. 9.7s	190 58	30	White steel tower, red concrete structure; 43.	Obscured by islands 186°- 194°, 250°-260°, 312°-30°-318°. Signal station.
	RACON		N(- •) period 30s		15		
ESTRECHO DE MAGALLANES (STRAIT OF MAGELLAN):							
2328 G 1478	-Bahia Felix.	52° 57.6' S 74° 04.3' W	Fl.W. period 15s fl. 0.2s, ec. 14.8s	98 30	21	Round iron tower, red and white bands, white house; 46.	Visible 122°-294°. Signal station.
2330 G 1477	-Isla Falgate.	52° 55.0' S 73° 50.0' W	Fl.W. period 10s fl. 1s, ec. 9s	72 22	9	White fiberglass tower, red band; 13.	Visible 296°-167°.
	-RACON		T(-) period 30s		15		
2332 G 1476	-Isla Centinela, off Cabo Upright.	53° 05.3' S 73° 35.3' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	72 22	10	White concrete tower, red bands; 19.	Visible 111°-037°.
2336 G 1474	-Cabo Cooper Key.	53° 15.2' S 73° 12.5' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	134 41	7	White fiberglass tower, red band; 13.	Visible 312°-135°.
2340 G 1468	-Monte Radford.	53° 24.7' S 72° 57.2' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	69 21	8	White round concrete tower, red band; 10.	Visible 124°-309°.
2342 G 1467.5	-Islote Skinner.	53° 26.0' S 72° 49.0' W	Fl.(3)W. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	16 5	7	White fiberglass tower, red band; 11.	Visible 300°-131°.
2345 G 1466.8	-Paso Largo.	53° 33.0' S 72° 36.4' W	Fl.W. period 10s fl. 1s, ec. 9s	26 8	9	White fiberglass tower, red band; 13.	Visible 129°-158° and 222°- 312°.
	-RACON		T(-) period 45s		10		
2348 G 1466	-Cerro El Morrion.	53° 34.0' S 72° 31.2' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	85 26	9	White fiberglass tower, red band; 13.	Visible 092°-288°.
2352 G 1460	-Cabo Crosstide.	53° 33.7' S 72° 25.4' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	92 28	5	Green fiberglass tower; 11.	Visible 083°-264°.
	-Canal Jeronimo:						
2353 G 1456.2	--Punta San Carlos.	53° 30.2' S 72° 23.9' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	33 10	7	White round tower, red band; 11.	Visible 298°-144°.
2353.2 G 1456.4	--Islotes Teran.	53° 25.1' S 72° 29.0' W	Fl.(4)R. period 12s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 5.7s	26 8	3	White fiberglass tower, red band; 11.	Visible 326°-151°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
2353.4 G 1456.6	--Punta Condor.	53° 21.8' S 72° 30.9' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	23 7	7	White fiberglass tower, red band; 13.	Visible 177°-050°.
2353.6 G 1457	--Isla Corona.	53° 15.2' S 72° 20.9' W	Q.(6)+L.Fl.W. period 15s	26 8	8	S. CARDINAL YB, tower; 11.	Visible 211°-090°.
2353.8 G 1456.8	--Isla Pan de Azucar.	53° 16.2' S 72° 20.5' W	Fl.(2+1)R. period 14s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s fl. 0.3s, ec. 7.7s	49 15	4	Red round tower, green band; 11.	Visible 035°-221°.
-Seno Otway:							
2354	--Isla Vivian.	53° 08.0' S 71° 49.4' W	Fl.W. period 12s fl. 0.5s, ec. 11.5s	49 15	9	White round tower, red band; 26.	Visible 182°-157°.
2355.4 G 1456.3	-Ensenada Demarcacion.	53° 26.5' S 72° 29.1' W	Fl.(3)G. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	19 6	3	Green fiberglass pillar; 11.	Visible 151°-326°.
2356 G 1456	-Islote Cohorn, Paso Ingles.	53° 33.0' S 72° 20.1' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	40 12	8	White fiberglass tower, red band; 26.	Visible 317°-127°. AIS (MMSI No 997251202).
-RACON							
			O(---) period 45s		12		
2360 G 1454	-Isla Rupert, Paso Ingles, NE. side.	53° 39.4' S 72° 12.5' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	82 25	7	White fiberglass tower, red bands; 26.	Visible 135°-315°.
2364 G 1450	--Bahia Fortescue.	53° 42.0' S 72° 01.0' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	62 19	6	White fiberglass tower, red band; 13.	Visible 240°-070°.
CANAL BRECKNOCK:							
2365 G 1334.8	-Peninsula Brecknock.	54° 37.5' S 71° 45.4' W	Fl.W. period 10s fl. 0.4s, ec. 9.6s	59 18	8	White round tower, red horizontal band; 26.	Visible 255°-050°.
2366 G 1335.2	-Isla London.	54° 38.1' S 71° 59.5' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	23 7	7	White round tower, red horizontal band; 11.	Visible 134°-313°.
2367 G 1335	-Islotes Nelson.	54° 40.5' S 71° 53.0' W	Fl.W. period 5s fl. 0.3s, ec. 4.7s	26 8	7	White round tower, red horizontal band; 11.	Visible 243°-136°.
2368 G 1449	-Cabo Holland.	53° 47.8' S 71° 41.9' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	26 8	7	White fiberglass post, red bands; 16.	Visible 307°-113°.
2372 G 1448	-Cabo Froward.	53° 53.7' S 71° 18.6' W	Fl.W. period 3s fl. 0.3s, ec. 2.7s	72 22	7	White fiberglass tower, red band; 13.	Visible 276°-126°.
2373 G 1447.33	--Punta Cono.	54° 07.1' S 70° 50.5' W	Fl.R. period 5s fl. 1s, ec. 4s	164 50	6	White metal pillar, red top; 13.	Visible 000°-162°.
-Canal Gabriel:							
2374	--Cabo Expectacion.	54° 15.2' S 70° 12.6' W	Fl.W. period 10s	115 35	10		Visible 124°-336°.
2376 G 1447	-Canal Magdalena, Islotes Anxious.	54° 07.0' S 70° 56.0' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	33 10	10	White fiberglass tower, red band; 11.	Visible 346°-194°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
2380 G 1446	-Cabo San Isidro.	53° 47.0' S 70° 59.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	92 28	9	White round concrete tower, white dwelling; 26.	Visible 208°-046°.
2384 G 1444	-Punta Santa Ana, Puerto del Hambre.	53° 38.0' S 70° 55.0' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	131 40	10	White quadrangular concrete tower, red band; 16.	Visible 151°-094°.
2384.1 G 1447.2	-Ite Cenaria.	54° 17.8' S 70° 55.9' W	Fl.(2)W. period 10s fl. 0.5s, ec. 2.4s fl. 0.5s, ec. 6.6s	46 14	4	Black fiberglass tower, red band; 11.	
2384.2 G 1447.3	-Punta Piramide.	54° 26.0' S 71° 06.5' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	30 9	6	White round tower, red horizontal band; 11.	Visible 113°-278°.
2384.8 G 1447.25	-Punta Pajarito.	54° 21.0' S 70° 54.2' W	Fl.W. period 12s fl. 0.5s, ec. 11.5s	36 11	8	White fiberglass tower, red band; 26.	Visible 043°-228°.
2385 G 1447.4	-Isla King.	54° 22.5' S 71° 15.5' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	23 7	6	White round tower, red band; 11.	Visible 112°-000°.
2386 G 1447.5	-Caleta Barrow.	54° 20.3' S 71° 26.8' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	23 7	7	White round tower, red horizontal band; 11.	Visible 264°-088°.
2387 G 1447.6	-Seno Duntze.	54° 20.6' S 71° 47.7' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	26 8	6	White round tower, red horizontal band; 11.	Visible 217°-053°.
2388 G 1442	-Punta Arska.	53° 34.0' S 70° 29.0' W	Fl.(4)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	95 29	8	White fiberglass pillar, red band; 13.	Visible 078°-314°.
2392 G 1443.2	-Islote Cuervo.	53° 50.3' S 70° 25.3' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	20 6	6	White fiberglass pillar, red band; 13.	
2396 G 1443.3	-Bahia Harris Mole, head.	53° 50.0' S 70° 26.0' W	Fl.R. period 10s fl. 0.5s, ec. 9.5s	20 6	8	Red steel post; 12.	Visible 285°-334°. F.R. at easternmost corner of pier.
-Canal Whiteside:							
2400 G 1443	--Islote Tesner.	53° 49.7' S 70° 22.8' W	Fl.W. period 3s fl. 1s, ec. 2s	20 6	8	White fiberglass tower, red band; 13.	Visible 314°-278°.
2403 G 1443.5	--Caleta Olguita.	54° 00.0' S 70° 04.0' W	Fl.W. period 5s fl. 1s, ec. 4s	20 6	6	White fiberglass tower, red band; 11.	Visible 001°-155°.
2404 G 1440	-Bahia Porvenir.	53° 19.0' S 70° 26.0' W	Fl.W. period 12s fl. 0.7s, ec. 11.3s	69 21	10	White fiberglass tower, red band; 26.	Visible 276°-131°.
ESTRECHO DE MAGALLANES (STRAIT OF MAGELLAN):							
2405 G 1435.3	-Bahia Catalina, N.	53° 05.8' S 70° 52.3' W	Fl.R. period 5s fl. 1s, ec. 4s	20 6	3	Red round metal post; 10.	
2406 G 1435.31	--S.	53° 05.9' S 70° 52.3' W	Fl.G. period 3s fl. 0.3s, ec. 2.7s	10 3	2	Green metal post; 10.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
2408 G 1435.4	-Muelle Mardones.	53° 07.5' S 70° 51.5' W	Fl.G. period 5s fl. 1s, ec. 4s	26 8	5	Green round pillar; 10.	Visible 138°-014°.
2412 G 1436	-Cabezo Muelle Prat.	53° 10.2' S 70° 54.3' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	59 18	12	White metal post, red band; 49.	F.W. lights shown from cupola of Don Bosco Church.
2414 G 1438	-Munoz Gamero Hulk.	53° 10.6' S 70° 55.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	30 9	7	White metal tower, red band; 11.	Visible 113°-093°.
2426 G 1435	-Bahia Catalina.	53° 00.4' S 70° 51.8' W	Fl.R.		27		Aero Radiobeacon.
2444 G 1426	-Isla Contra maestre.	52° 56.7' S 70° 21.6' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	82 25	9	White round concrete tower, red band; 20.	Visible 243°-155°.
2448 G 1428	-Isla Magdalena.	52° 55.0' S 70° 34.0' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	161 49	10	White round concrete tower, red band; 44.	
2452 G 1432	-Isla Isabel, on Cabo Torax.	52° 54.7' S 70° 46.9' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	46 14	4	White fiberglass tower, red bands; 26.	
2454 G 1431	-Isla Isabel Range, front.	52° 54.6' S 70° 44.1' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	29 9	7	White fiberglass tower, red band; 13.	Visible 242°30'-082°.
2455 G 1431.1	--Rear, 190 meters 007° from front.	52° 54.5' S 70° 44.1' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	43 13	10	White fiberglass tower, red band; 30.	Visible 353°30'-022°30'.
2464 G 1425.5	-Cabo San Vicente.	52° 46.6' S 70° 25.9' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	210 64	10	White fiberglass tower, red band; 13.	Visible 303°-233°.
2468 G 1424	-Cerro Cono.	52° 39.8' S 70° 23.5' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	161 49	7	White fiberglass tower, red band; 13.	Visible 262°-064°.
2472 G 1425	-Segunda Angostura.	52° 44.1' S 70° 10.7' W	Fl.W. period 10s fl. 0.7s, ec. 9.3s	66 20	9	White octagonal concrete tower, red band; 20.	Visible 086°-278°.
	-RACON		M(- -) period 48s		15		
2476 G 1422	-Puerto Sara Range, front.	52° 37.4' S 70° 11.9' W	2 F.Y.	49 15	3	White iron post, white triangular daymark, orange and red band; 36.	Private light.
2476.5 G 1422.1	--Rear, 185 meters 334° from front.	52° 37.2' S 70° 12.0' W	2 F.Y.	75 23	3	White metal tower, red band; 16.	Private light.
2478 G 1421.7	-Punta Valle.	52° 33.1' S 70° 00.9' W	Fl.(3+1)Y. period 20s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 10.5s	59 18	8	Yellow metal framework tower; 16.	Visible 273°-030°.
2481 G 1421	-Punta Piedra.	52° 47.2' S 69° 50.2' W	Fl.(3+1)Y. period 20s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 10.5s	33 10	8	Yellow pyramidal metal framework tower; 16.	Visible 108°-227°.
2484 G 1420	-Crawford.	52° 32.7' S 69° 36.2' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	49 15	17	White fiberglass tower, red bands; 26.	Visible 022°-191°. Radar reflector.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
2488 G 1419	-Bajo Satellite.	52° 33.4' S 69° 41.5' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	33 10	9	Triangular red iron skeleton tower; 33.	Radar reflector.
	-RACON		T(-) period 60s		10		
2492 G 1416	-Punta Mendez.	52° 31.7' S 69° 35.0' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	105 32	6	White fiberglass tower, red band; 13.	Visible 040°-226°.
2496 G 1414	-Punta Delgada.	52° 27.4' S 69° 32.8' W	Fl.W. period 5s fl. 0.3s, ec. 4.7s	69 21	19	White metal tower, red bands; 38.	Visible 229°-039°. Signal station.
2508 G 1413	-Banco Direccion.	52° 25.6' S 69° 30.0' W	Fl.(2)R. period 6s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s	26 8	4	Red pyramidal metal tower; 26.	Radar reflector.
2512 G 1411.5	-Puerto Progreso.	52° 28.7' S 69° 30.0' W	Fl.(2)G. period 6s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s	26 8	5	Green pyramidal metal tower; 26.	Radar reflector.
2516 G 1412	-Cerro Direccion.	52° 21.2' S 69° 30.1' W	Fl.W. period 10s fl. 0.7s, ec. 9.3s	272 83	11	White fiberglass tower, red band; 36.	Visible 193°-015° and 022°-025°.
	-RACON		O(- - -) period 60s		15		
2520 G 1411	-Punta Anegada.	52° 27.5' S 69° 25.9' W	Fl.G. period 10s fl. 0.5s, ec. 9.5s	26 8	5	White fiberglass tower, red band; 11.	Visible 058°-287°.
2524 G 1410.5	-Banco Orange.	52° 24.8' S 69° 21.4' W	Fl.G. period 5s fl. 0.4s, ec. 4.6s	20 6	5	Green pyramidal metal tower; 20.	Radar reflector.
2525 G 1407	-PE-1.	52° 20.8' S 69° 05.2' W	2 Mo.(U)W. period 20s	62 19	10	Platform.	Horn: Mo.(U) 30s.
	-RACON		T(-) period 48s		14		
2526 G 1407.06	-PE-2.	52° 22.0' S 69° 04.9' W	2 Mo.(U)W. period 20s	59 18	10	Platform.	
2527 G 1406.5	-PO-2.	52° 19.0' S 69° 03.9' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	59 18	6	Platform.	Horn: Mo.(U) 30s.
			4 Mo.(U)W. period 20s	52 16	10		
2527.5 G 1406	-SPN-2.	52° 24.1' S 69° 04.7' W	Fl.G. period 5s	72 22	7	Platform.	2 Mo.(U)W. 20s 18m 10M, Horn: Mo.(U) 30s on platform SPN-3 close by. Platform SPN-1 0.9 mile S. Platform SPN-4 2.4 miles SSE.
			2 Mo.(U)W. period 20s	72 22	10		
2528 G 1409	-Banco Narrow.	52° 18.9' S 69° 19.3' W	Fl.R. period 5s fl. 1s, ec. 4s	33 10	6	Triangular red skeleton tower; 33.	Radar reflector.
2532 G 1408	-Cabo Posesion, SW. of summit.	52° 17.5' S 68° 57.8' W	Fl.W. period 18s fl. 0.5s, ec. 17.5s	295 90	10	White square tower, red band, house; 36.	Visible 295°-104° and 115°-134°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
BAHIA DESOLADA:							
2536 G 1334.6	-Cabo Atracadero.	54° 41.6' S 71° 32.2' W	FI.G. period 5s fl. 1s, ec. 4s	52 16	4	White fiberglass tower, green upper part; 11.	Visible 258°-091°.
2537 G 1335.1	Isla Sidney, Punta Carmela.	54° 45.2' S 71° 46.1' W	FI.W. period 12s fl. 0.3s, ec. 11.7s	36 11	9	White fiberglass tower, red band; 13.	Visible 132°-305°.
2537.5 G 1334.06	Paso Occidental, Islote Penon.	54° 47.8' S 71° 31.3' W	FI.W. period 10s fl. 0.3s, ec. 9.7s	262 80	9	White fiberglass tower, red band; 13.	Visible 090°-290°.
RACON							
				O(---)			
2538 G 1334.1	Paso Occidental Islote Laberinto.	54° 45.0' S 71° 25.7' W	FI.R. period 10s fl. 0.5s, ec. 9.5s	23 7	6	Red fiberglass tower, red conical topmark; 13.	Visible 036°-251°.
2539 G 1334.15	Eastern Laberinto Inlet.	54° 44.0' S 71° 28.0' W	FI.G. period 10s fl. 0.3s, ec. 9.7s	16 5	6	Green fiberglass tower; 11.	
CANAL BALLENERO:							
2540 G 1334.4	-Islote Entrada.	54° 41.7' S 71° 26.8' W	FI.W. period 5s fl. 0.4s, ec. 4.6s	66 20	7	White tower, red band; 13.	Visible 045°-290°.
2544 G 1334.2	-Islote Direccion.	54° 42.9' S 71° 21.1' W	FI.(2)W. period 10s fl. 0.5s, ec. 2.4s fl. 0.5s, ec. 6.6s	56 17	5	ISOLATED DANGER BRB, beacon; 10.	
2548 G 1334	-Isla Burnt.	54° 44.0' S 71° 16.3' W	FI.W. period 10s fl. 0.5s, ec. 9.5s	52 16	8	White round tower, red horizontal band; 26.	Visible 285°-130°.
2552 G 1333.8	Isla Senal, Canal Ballenero.	54° 50.5' S 70° 55.9' W	FI.W. period 5s fl. 1s, ec. 4s	33 10	8	White round tower, red band; 13.	Visible 295°-135°.
2554 G 1333.5	-Acevedo.	54° 54.0' S 70° 22.6' W	FI.W. period 5s fl. 1s, ec. 4s	79 24	8	White fiberglass tower, red band; 13.	Visible 065°-332°.
2556 G 1333.6	Isla Redonda, Canal Ballenero.	54° 55.1' S 70° 38.1' W	FI.W. period 10s fl. 0.5s, ec. 9.5s	52 16	7	White round fiberglass tower, red band; 10.	Visible 257°-112°.
2557 G 1333.7	-Islote Arancibia Clavel.	54° 52.2' S 70° 22.8' W	FI.W. period 10s fl. 1s, ec. 9s	20 6	9	White fiberglass tower, red band; 13.	Visible 112°-308°.
2557.5 G 1333.4	-Islote Condor.	54° 53.0' S 70° 20.0' W	FI.(2+1)G. period 14s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s fl. 0.3s, ec. 7.7s	85 26	5	Green fiberglass tower, red bands; 11.	Visible 294°-114°.
2558 G 1333.2	Islote Termino.	54° 53.2' S 70° 17.6' W	FI.G. period 5s fl. 0.4s, ec. 4.6s	39 12	4	Green fiberglass tower; 10.	Visible 108°-074°.
2560 G 1333	Islote Montenares.	54° 51.5' S 70° 05.7' W	FI.W. period 5s fl. 0.4s, ec. 4.6s	43 13	7	White fiberglass tower, red band; 11.	
CANAL THOMSON							
2561 G 1333.1	-Isla Maruja.	54° 55.0' S 70° 13.5' W	FI.W. period 5s fl. 1s, ec. 4s	39 12	8	White fiberglass tower, red band; 13.	Visible 155°- 013°.

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CHILE							
2562.5 G 1333.17	-Islote Pollera.	55° 03.0' S 70° 12.3' W	Fl.R. period 5s fl. 1s, ec. 4s	82 25	6	STARBOARD (B) R, fiberglass tower, topmark; 11.	
2563 G 1333.19	-Islote Salientes.	55° 06.8' S 70° 14.4' W	Fl.W. period 5s fl. 1s, ec. 4s	39 12	9	White fiberglass tower, red band; 11.	Visible 177°-007° and 019°- 051°.
BAHIA COOK:							
2563.2 G 1333.195	-Islotes Sandwich.	55° 11.2' S 70° 24.1' W	Fl.W. period 10s fl. 1s, ec. 9s	210 64	9	White fiberglass tower, red band; 13.	Visible 239°-057°. AIS (MMSI No 997251006).
-RACON			O(---)				
BEAGLE CANAL:							
2563.5 G 1332.5	-Ventisquero Romanche. (A.)	54° 52.3' S 69° 29.0' W	Fl.W. period 12s fl. 0.5s, ec. 11.5s	20 6	8	White fiberglass tower, red band; 13.	Visible 286°-105°.
2564 G 1332	-Punta Yamana.	54° 57.9' S 69° 01.7' W	Fl.W. period 12s fl. 0.5s, ec. 11.5s	42 13	7	White concrete tower, red band; 16.	Visible 265°-095°.
2566 G 1332.2	-Ventisquero Holanda Glacier.	54° 56.9' S 69° 07.5' W	Fl.W. period 10s fl. 0.7s, ec. 9.3s	36 11	7	White round fiberglass tower, red band; 11.	Visible 010°-106° and 300°- 320°.
2567 G 1332.3	-Isla Gordon, Punta Divide.	54° 58.0' S 69° 07.9' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	30 9	7	White fiberglass tower, red band; 11.	Visible 140°-017°.
2567.5 G 1331	-Cabo Hann.	54° 57.1' S 68° 24.1' W	Fl.W. period 5s fl. 1s, ec. 4s	11 4	6	White metal pile, red band; 8.	Visible 142°-327°.
2567.6 G 1331.2	-Punta Oriental.	54° 59.0' S 68° 21.2' W	Fl.R. period 5s fl. 1s, ec. 4s	82 25	4	Red fiberglass tower, red triangular daymark; 11.	Visible 333°-129°.
2568 G 1330	-Rocas Contraestre Peron.	54° 55.3' S 68° 34.7' W	Q.W.	72 22	7	N. CARDINAL BY, tower; 26.	
2570 G 1329.5	-Zeballos.	54° 53.5' S 68° 36.4' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	39 12	7	White conical fiberglass tower, red bands; 26.	
2572 G 1329	-Lapataia. (A.)	54° 51.7' S 68° 33.8' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	30 9	6	Black column, black and white cross; 13.	
2576 G 1323	-Paso Chico Range, front. (A.)	54° 50.4' S 68° 15.6' W	Fl.W. period 6s fl. 1s, ec. 5s	33 10	8	White metal framework tower, red band; 26.	
2578 G 1323.1	--Rear, 465 meters 019°22' from front, Isla Casco. (A.)	54° 50.1' S 68° 15.7' W	Fl.R. period 3s fl. 0.5s, ec. 2.5s	49 15	6	White metal framework tower, black bands; 39.	
-Bahia Ushuaia (A.):							
2580 G 1325	--Punta Observatorio. (A.)	54° 49.0' S 68° 18.0' W	Fl.W. period 2s fl. 0.2s, ec. 1.8s	33 10	7	Red truncated pyramidal tower, white bands; 26.	
2584 G 1326	--Muelle Gobernacion, extension, head. (A.)	54° 48.7' S 68° 18.0' W	Fl.R. period 3s fl. 0.5s, ec. 2.5s	28 9	5	Black truncated pyramidal tower, yellow rectangular daymark, black band; 20.	
2590 G 1326.5	--Muelle Lasserre. (A.)	54° 48.4' S 68° 17.7' W	Iso.Y.Bu. period 6s	13 4	2	Orange tower, yellow band; 16.	
2596 G 1327	--Guardiamarina Moutin. (A.)	54° 48.2' S 68° 17.5' W	Al.Iso.Y.Bu. period 4s	13 4	1	Yellow tower, orange band; 13.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
2600 G 1323.4	-Islas Bridges, W. end. (A.)	54° 52.2' S 68° 16.0' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	48 15	5	Red prismatic tower, white band; 30.	
2604 G 1322.4	-Iturrieta. (A.)	54° 52.7' S 68° 14.6' W	Q.(6)+L.Fl.W. period 15s	102 31	4	S. CARDINAL YB, tower; 33.	
2608 G 1322	-Islote Bartlett.	54° 53.6' S 68° 13.6' W	Q.W.	52 16	5	N. CARDINAL BY, tower; 13.	
2609 G 1322.1	-Isla Martinez, Rocas Centinela.	54° 54.7' S 68° 18.1' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	20 6	2	White metal pillar, green top; 12.	Visible 336°-241°.
2616 G 1323.6	-Escarpados. (A.)	54° 49.1' S 68° 11.2' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	194 59	6	Black truncated pyramidal tower, yellow bands, white double cone topmark; 33.	
2620 G 1320	-Islotes Les Eclaireurs. (A.)	54° 52.3' S 68° 05.0' W	Fl.W.R. period 5s fl. 0.5s, ec. 4.5s	74 23	W. 10 R. 7	Red truncated conical stone tower, white bands; 36.	R. 081°-115°, W. elsewhere.
2624 G 1319.4	-Punta San Juan. (A.)	54° 51.3' S 67° 59.4' W	Fl.W. period 8s fl. 1s, ec. 7s	79 24	6	White truncated pyramidal tower, red band; 26.	
2632 G 1318	-Rocas Lawrence. (A.)	54° 52.5' S 67° 52.6' W	V.Q.(6)+L.Fl.W. period 10s	30 9	8	S. CARDINAL YB, tower; 30.	Radar reflector.
2636 G 1317.8	-Punta Parana. (A.)	54° 52.8' S 67° 45.7' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	75 23	6	White truncated pyramidal tower, red bands; 20.	
2638 G 1314.3	-Banco Herradura.	54° 54.0' S 67° 36.2' W	Q.W.	20 6	5	N. CARDINAL BY, beacon, topmark.	
2640 G 1316	-Punta Gusano, end of peninsula.	54° 55.1' S 67° 36.7' W	Fl.(3)R. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	30 9	5	Red fiberglass pillar, triangular daymark; 10.	
2641 G 1317.1	-Puerto Williams Tower.	54° 56.0' S 67° 36.5' W	Fl.(2)W. period 4s		5		Radio mast.
2664 G 1315	-Direccion. (A.)	54° 52.7' S 67° 35.9' W	Fl.(2)W. period 16s fl. 1s, ec. 3s fl. 1s, ec. 11s	75 23	6	Red truncated conical fiberglass tower, yellow band; 24.	
	-Isla Gable (A.):						
2668 G 1314	--W. end of island range, front. (A.)	54° 53.6' S 67° 32.1' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	161 49	6	White truncated pyramidal tower, orange bands; 20.	Visible 000°-250°.
2672 G 1314.1	---Rear, 353 meters 090° from front. (A.)	54° 53.6' S 67° 31.8' W	Fl.W. period 4s fl. 0.8s, ec. 3.2s	236 72	6	Orange truncated pyramidal tower; 26.	Visible 000°-250°.
2676 G 1313	-Punta Trucco Range, front.	54° 55.5' S 67° 31.7' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	32 10	8	White fiberglass tower, red band; 26.	Visible 075°-180°.
2680 G 1313.1	--Rear, about 200 meters 140° from front.	54° 55.5' S 67° 31.7' W	Fl.W. period 5s	73 22	14	White fiberglass tower, black band; 26.	Visible 130°-150°.
2684 G 1311	-Punta Espora. (A.)	54° 55.1' S 67° 29.4' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	52 16	8	White truncated conical tower, red bands; 28.	
2688 G 1312	-Rosales Point Range, front.	54° 55.5' S 67° 27.5' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	23 7	6	White fiberglass tower, red band; 13.	Visible 075°-180°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
2692 G 1312.1	--Rear, about 720 meters 100° from front.	54° 55.6' S 67° 26.8' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	52 16		7 White fiberglass tower, red band; 13.	
2696 G 1310	-Punta Mackinlay, on Isla Gable. (A.)	54° 54.7' S 67° 24.9' W	Fl.R. period 2s fl. 0.5s, ec. 1.5s	31 9		6 Red and white checkered round concrete tower; 23.	Radar reflector.
2700 G 1308	-Isla Martillo. (A.)	54° 54.6' S 67° 22.5' W	Fl.W. period 7s fl. 1s, ec. 6s	25 8		7 White truncated pyramidal tower, red bands; 25.	
2704 G 1307	-Isla Barlovento.	54° 55.3' S 67° 18.5' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	37 11		5 White fiberglass tower, red bands; 26.	
2708 G 1306	-Ponsati. (A.)	54° 53.2' S 67° 17.7' W	Fl.(2)W. period 16s fl. 1s, ec. 4s fl. 1s, ec. 10s	33 10		6 White truncated pyramidal tower, black bands; 23.	
2710 G 1303.4	-Isla Snipe.	54° 57.1' S 67° 09.3' W	Fl.(4)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	151 46		8 White fiberglass tower, red band; 16.	
2710.02 G 1304	-Pampa De Los Indios. (A.)	54° 54.5' S 67° 05.6' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s			6 White round tower, black bands; 21.	
2710.05 G 1302	-Islas Becasses. (A.)	54° 57.1' S 67° 02.0' W	Fl.W. period 3s fl. 0.6s, ec. 2.4s	128 39		6 White round tower, red bands; 13.	
2710.07 G 1300	-Davison. (A.)	54° 56.4' S 66° 54.4' W	Fl.(2)W. period 16s fl. 1s, ec. 4s fl. 1s, ec. 10s	26 8		6 White truncated pyramidal tower, red bands; 23.	Obscured 093° to coast W. of light.
2710.09 G 1298	-Isla Gardiner.	55° 00.4' S 66° 55.7' W	Fl.(4)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	62 19		7 White fiberglass tower, black band; 20.	Visible 116°-290°.
2710.12 G 1296	-Punta Moat. (A.)	55° 00.1' S 66° 43.6' W	Fl.W. period 8s fl. 1s, ec. 7s			8 Black truncated pyramidal tower, yellow bands; 39.	
2710.16 G 1294	-Punta Waller, Isla Nueva.	55° 10.3' S 66° 33.7' W	Fl.W. period 5s	39 12		13 White fiberglass tower, black band; 20.	Visible 060°-262°.
PASO PICTON:							
2710.5 G 1303	-Puerto Toro.	55° 04.6' S 67° 04.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	23 7		6 White fiberglass tower, red band; 13.	Visible 150°-301°.
2711 G 1295	-Isla Nueva, Cabo Graham.	55° 16.4' S 66° 31.5' W	Fl.W. period 10s fl. 0.2s, ec. 9.8s	886 270		14 White fiberglass tower, black band; 13.	Visible 210°-060°.
2711.4 G 1295.2	Isla Epave.	55° 48.0' S 67° 22.3' W	Fl.R. period 10s fl. 1s, ec. 9s	16 5		6 Red fiberglass tower; 11.	Visible 093°-295°.
2711.6 G 1295.4	Rocas Gonzalez.	55° 48.0' S 67° 19.0' W	Fl.R. period 5s fl. 1s, ec. 4s	20 6		4 Red fiberglass tower; 11.	
2712 G 1336	Cabo de Hornos (Cape Horn), on southern extremity of Isla Hornos.	55° 58.6' S 67° 15.5' W	Fl.W. period 12s fl. 0.5s, ec. 11.5s	132 40		7 White fiberglass tower, red band; 13.	Visible 249°-080°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHILE							
2713 G 1336.5	Monumental (Isla Hornos).	55° 57.9' S 67° 13.2' W	Fl.W. period 5s fl. 0.7s, ec. 4.3s	202 62	12	White round iron tower, red bands; 38.	Visible 127°-056°.
	RACON		N(- •)		15		
2714	Paso del Mar.	55° 52.7' S 67° 10.6' W	Fl.G. period 5s	98 30	4	PORT (B) GW, metal pillar, topmark; 10.	Visible 155°-345°.
2718 G 1338	Islas Diego Ramirez.	56° 31.2' S 68° 42.5' W	Fl.W. period 15s	354 108	22	White fiberglass tower, red band; 16.	Visible 176°-088° and 094°-150°.

Section 3

Antarctica and South Pacific Islands Including New Hebrides and New Caledonia

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ANTARCTICA							
SOUTH SHETLAND ISLANDS:							
2720 G 1388	-King George Island, Ardley Island.	62° 13.0' S 58° 55.9' W	Fl.W. period 10s fl. 0.3s, ec. 9.7s	146 44	6	Red plastic column, black bands; 29.	
2720.5 G 1388.2	-Clarence Island, Cape Lloyd.	61° 06.0' S 53° 57.2' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	371 113	5	White fiberglass tower, red bands; 11.	
2721 G 1387.9	-Ardley Cove.	62° 12.0' S 58° 58.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	16 5	2	White fiberglass tower, red band; 10.	Visible 256°-287°.
2722 G 1387.8	-Suffield Point.	62° 11.3' S 58° 54.4' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	171 52	6	White aluminum truncated pyramid, red band; 16.	Maintained November to March.
2724 G 1387.6	-Tiniente Camara.	62° 14.4' S 58° 40.7' W	Fl.W. period 10s fl. 0.4s, ec. 9.6s	59 18	6	Black tower, yellow band; 29.	
2725 G 1387.7	-Potters Bay.	62° 14.3' S 58° 39.6' W	Fl.W. period 10s	36 11	3	Round yellow structure, orange bands.	Radar reflector.
2728 G 1387.4	-Point Thomas.	62° 10.0' S 58° 28.0' W	L.Fl.W. period 9s fl. 3s, ec. 6s	58 18	8	Tower, red and white bands; 35.	
2729 G 1387.5	-Martel Inlet.	62° 05.0' S 58° 23.5' W	Iso.R. period 2s	46 14	10	White framework tower, red band; 13.	
2730	-Nelson Island, RACON.	62° 18.4' S 59° 12.8' W	O(---) period 48s		18		
2732 G 1386	Robert Island, Edwards Point.	62° 28.0' S 59° 30.0' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	72 22	7	White fiberglass tower, red band; 13.	Visible 256°-118°. Maintained Nov. 15 to May 15.
2736 G 1384	-Fort William.	62° 22.0' S 59° 44.0' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	33 10	5	White fiberglass tower, red band; 10.	Visible 320°-165°. Maintained Nov. 15 to May 15.
2743 G 1383	Surgidero Iquique.	62° 58.3' S 60° 42.9' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	374 114	5	White tower, orange band; 15.	
2744 G 1381	Deception Island, Grumete Beacon.	62° 59.3' S 60° 40.2' W	Fl.W. period 8s fl. 0.5s, ec. 7.5s	341 104	5	Green fiberglass tower; 10.	
2745 G 1382	Punta Collins.	62° 59.8' S 60° 35.4' W	Fl.W. period 5s fl. 0.4s, ec. 4.6s	33 10	6	White fiberglass tower, red band; 10.	Visible 120°-271°.
HOPE BAY:							
2756 G 1389	-Grunden Rock, S. side.	63° 23.8' S 56° 58.1' W	Fl.W. period 2s fl. 0.5s, ec. 1.5s	85 26	6	Black round tower, red bands; 20.	
2760 G 1389.2	-Rocas Denticuladas Range, front.	63° 23.9' S 56° 59.0' W	Iso.W. period 2s	39 12	5	Green round tower, yellow top, black triangular daymark, point up; 10.	
2764 G 1389.21	--Rear, 300 meters 214° from front.	63° 24.1' S 56° 59.2' W	Fl.W. period 3s fl. 1s, ec. 2s	46 14	10	Green round tower, yellow top, black triangular daymark, point down; 10.	Visible 214°-034°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ANTARCTICA							
2766	Barrios Island, RACON.	63° 19.1' S 57° 57.2' W	M(- -) period 60s	66 20	10	White fiberglass beacon, red band.	
2768 G 1395	Bell Island.	64° 16.4' S 61° 59.2' W	Fl.W. period 5s	187 57	6	White round fiberglass tower, red band; 11.	Visible 130°-040°.
2784 G 1398	Condell, N. extremity of Lautaro Island.	64° 49.0' S 63° 06.0' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	56 17	6	White round fiberglass tower, red band; 11.	Visible 047°-327°.
2788 G 1399.4	Doumer Island, Py Point.	64° 52.7' S 63° 35.6' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	233 71	5	Red framework tower; 35.	
2792 G 1400	Buenos Aires (Prevot Island).	64° 53.0' S 63° 57.0' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	120 37	5	Framework tower, black and yellow daymark; 20.	
2793 G 1401	Cape Renard.	65° 01.4' S 63° 46.7' W	Fl.W. period 10s	23 7	5	White fiberglass tower, red band; 10.	Visible 092°-270°.
2794	Avian Island, RACON.	67° 46.7' S 68° 53.9' W	B(- • • •) period 60s		10		Azimuth coverage 265°-135°
2795 G 1401.7	San Martin.	68° 11.8' S 67° 10.5' W	Fl.W. period 5s fl. 1s, ec. 4s	59 18	9	Black and orange round fiberglass tower; 11.	
SOUTH PACIFIC ISLANDS							
ILES TUAMOTU:							
-Iles Gambier							
2799.7 K 5006.4	--Ile Aukena Range, front.	23° 08.4' S 134° 55.0' W	Iso.G. period 4s	20 6	6	White and red column; 20.	
2799.71 K 5006.41	--Rear, 940 meters 086°30' from front.	23° 08.4' S 134° 54.4' W	Iso.G. period 4s	59 18	6	White column, red bands; 59.	
2799.85 K 5006.6	--Banc Brisant.	23° 08.5' S 134° 57.4' W	Fl.R. period 2.5s fl. 0.5s, ec. 2s	16 5	4	PORT (A) R, beacon, topmark; 29.	
2799.87 K 5006.65	--Mitirapa.	23° 07.2' S 134° 56.7' W	V.Q.(9)W. period 10s	16 5	3	W. CARDINAL YBY, beacon, topmark; 29.	
2799.9 K 5006.7	--Pointe Kureru Range, front.	23° 06.1' S 134° 57.1' W	Fl.G. period 4s	20 6	6	White column, concrete base, white square daymark; 23.	
2799.91 K 5006.71	--Rear, 400 meters 005°10' from front.	23° 05.9' S 134° 57.1' W	Fl.G. period 4s	36 11	6	White column, concrete base, white square daymark; 39.	
2800 K 5007.2	--Beacon A4.	21° 49.6' S 138° 53.5' W	Fl.(4)W. period 15s	46 14	21	Red and white daymark.	Reserve light Fl.(2)R. 6s.
	--RACON		T(-)		18		
-Ile Hoa:							
2812 K 5008.2	--Passe Kaki, E. side.	18° 04.2' S 141° 00.0' W	Fl.(2)W. period 10s	66 20	18	Red metal column, white bands; 66.	
-Hikueru Atoll:							
2812.5 K 5004.86	--Tupatapi, NW.	17° 32.6' S 142° 40.2' W	Fl.W. period 5s	59 18	18	White metal column, red bands; 59.	
-Faaite:							
2813 K 5003.1	--Patatihu Reef.	16° 42.3' S 145° 20.9' W	Q.(6)W.+L.Fl.W. period 15s	10 3	4	S. CARDINAL YB, beacon, topmark; 19.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOUTH PACIFIC ISLANDS							
2813.5 <i>K 5003.2</i>	---Tetaparia.	16° 42.0' S 145° 20.6' W	Q.R.		13 4	2 PORT (A) R, beacon; 19.	
2813.7 <i>K 5003.3</i>	--Peruhea.	16° 41.7' S 145° 20.2' W	Fl.R. period 2.5s		10 3	2 PORT (A) R, beacon; 19.	
2813.9 <i>K 5003.4</i>	---Teavatika.	16° 41.6' S 145° 20.1' W	Q.W.		10 3	4 N. CARDINAL BY, beacon, topmark; 19.	
2814 <i>K 5002</i>	--Passe Teporioha Range, front.	16° 42.1' S 145° 21.1' W	Fl.R. period 4s fl. 1s, ec. 3s		20 6	5 White metal column; 23.	
2814.5 <i>K 5002.1</i>	--Rear, 200 meters 119° from front.	16° 42.1' S 145° 21.1' W	Fl.R. period 4s fl. 1s, ec. 3s		39 12	5 White metal column; 39.	
2815 <i>K 5003</i>	--Hitianu Village.	16° 42.0' S 145° 21.2' W	Fl.G. period 2.5s fl. 0.5s, ec. 2s		7 2	3 Beacon, green triangular daymark; 16.	
	-Makemo:						
2816 <i>K 5004</i>	--Pouheva.	16° 37.2' S 143° 34.6' W	Fl.W. period 5s		83 25	18 White column, red top; 75.	
	-Fakarava:						
2816.8 <i>K 5000.4</i>	--Torea.	16° 04.0' S 145° 41.6' W	Fl.W. period 5s		98 30	19 Red and white column; 92.	
2817 <i>K 5000.6</i>	--Passe Garuae.	16° 05.1' S 145° 43.4' W	Fl.G. period 2.5s		26 8	4 STARBOARD (A) G, beacon, topmark; 30.	
2817.1 <i>K 5001</i>	Haut-fond.	16° 03.9' S 145° 38.4' W	Fl.R. period 4s		16 5	3 PORT (A) R, beacon, topmark; 39.	
2817.2 <i>K 5001.2</i>	Recif Kopuapiro.	16° 03.7' S 145° 37.3' W	Q.W.		10 3	4 N. CARDINAL BY, beacon, topmark; 13.	Channel between Rotoava Anchorage and Tumakohua Pass marked by lighted lateral beacons.
2817.4 <i>K 5001.36</i>	--Passe Tumakohua Range, front.	16° 30.8' S 145° 27.9' W	Iso.R. period 4s		20 6	5 Red and white column; 23.	
2817.41 <i>K 5001.38</i>	--Rear, 150 meters 336°24' from front.	16° 30.7' S 145° 27.9' W	Iso.R. period 4s		26 8	5 Red and white column; 30.	
2817.5 <i>K 5001.4</i>	--SW.	16° 30.6' S 145° 27.8' W	Q.G.		10 3	2 STARBOARD (A) G, beacon, topmark; 17.	
2817.55 <i>K 5001.6</i>	--N.	16° 30.3' S 145° 27.8' W	Q.W.		13 4	4 N. CARDINAL BY, beacon, topmark; 20.	
	-Raroia Atoll:						
2817.6 <i>K 5004.81</i>	--Ngarumaova channel.	16° 01.5' S 142° 27.5' W	Q.G.		13 4	2 STARBOARD (A) G, beacon; 19.	
2817.7 <i>K 5001.7</i>	--Arikitamiro Pass.	15° 56.9' S 145° 10.8' W	Iso.R. period 4s		26 8	5 PORT (A) R, beacon, topmark; 33.	
2817.75 <i>K 5001.72</i>	--Motu Toetoe.	15° 51.8' S 145° 07.4' W	Fl.G. period 4s		26 8	5 STARBOARD (A) G, beacon, topmark; 33.	
2817.8 <i>K 5001.74</i>	--Au NW.	15° 50.7' S 145° 07.8' W	Fl.R. period 2.5s		13 4	3 PORT (A) R, beacon, topmark; 20.	
2817.85 <i>K 5001.76</i>	--Tearavero Village.	15° 49.5' S 145° 07.0' W	Fl.R. period 2.5s		13 4	3 PORT (A) R, beacon, topmark; 20.	
	-Katiu Atoll:						
2817.9 <i>K 5003.7</i>	--Passe Pakata Range, front.	16° 22.2' S 144° 21.3' W	Iso.R. period 4s		20 6	7 Red and white column; 23.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOUTH PACIFIC ISLANDS							
2817.91 <i>K 5003.71</i>	--Rear, 90 meters 192°36' from front.	16° 22.3' S 144° 21.3' W	Iso.R. period 4s	33 10	7	Red and white column; 36.	Synchronized with front.
2817.94 <i>K 5004.65</i>	--NE.	16° 22.0' S 144° 21.2' W	Q.R.	13 4	2	PORT (A) R, beacon, topmark; 20.	
2817.95 <i>K 5004.645</i>	--S.	16° 22.1' S 144° 21.2' W	Fl.R. period 2.5s	13 4	2	PORT (A) R, beacon, topmark; 20.	
-Toau Atoll:							
2817.96 <i>K 5000.2</i>	--Passe Otugi Range, front.	15° 55.8' S 145° 55.0' W	Iso.R. period 4s	20 6	6	White beacon, green top; 20.	
2817.97 <i>K 5000.21</i>	--Rear, 130 meters 242°48' from front.	15° 55.9' S 145° 55.1' W	Iso.R. period 4s	33 10	8	White beacon, green top; 37.	Synchronized with front.
2817.98 <i>K 5000.3</i>	--Passe Tehere Range, front.	15° 48.2' S 146° 09.0' W	Fl.G. period 4s	20 6	5	White beacon, green top; 23.	
2817.99 <i>K 5000.31</i>	--Rear, 100°48' from front.	15° 48.2' S 146° 08.9' W	Fl.G. period 4s	26 8	5	White beacon, green top; 29.	Synchronized with front.
-Rangiroa:							
2818 <i>K 4988</i>	--Mota Maherehona.	14° 55.5' S 147° 51.2' W	Fl.W. period 5s	98 30	20	White pylon; 92.	
2820 <i>K 4993</i>	--Passe Tiputa Range, front.	14° 58.8' S 147° 38.1' W	Iso.G. period 4s	33 10	5	White beacon; 33.	
2824 <i>K 4993.1</i>	---Rear, 140 meters 216° from front.	14° 58.9' S 147° 38.2' W	Iso.G. period 4s	46 14	5	White beacon; 49.	
2828 <i>K 4994</i>	--Tiputa Village.	14° 58.8' S 147° 37.8' W	Q.R.	13 4	2	PORT (A) R, beacon; 20.	
2832 <i>K 4990</i>	--Passe Avatoru Range, front.	14° 57.0' S 147° 42.8' W	Iso.W. period 4s	33 10	7	White beacon; 36.	
2836 <i>K 4990.1</i>	---Rear, 150 meters 172°36' from front.	14° 56.6' S 147° 42.6' W	Iso.W. period 4s	33 10	7	White beacon; 36.	
2840 <i>K 4992</i>	--Avatoru Village.	14° 56.9' S 147° 42.7' W	Fl.R. period 2.5s	13 4	3	PORT (A) R, beacon; 20.	
-Ahe Atoll:							
2841 <i>K 4998.52</i>	--Passe Tiareroa.	14° 27.5' S 146° 21.4' W	Iso.R. period 4s	20 6	5	PORT (A) R, beacon, topmark; 23.	
2841.1 <i>K 4998.53</i>	--Motu Rahokoro.	14° 27.6' S 146° 20.5' W	V.Q.(6)+L.Fl.W. period 10s	13 4	4	S. CARDINAL YB, beacon, topmark; 17.	
2841.11 <i>K 4998.54</i>	---Poripare.	14° 28.2' S 146° 21.3' W	Fl.G. period 2.5s	10 3	2	STARBOARD (A) G, beacon, topmark; 16.	
2841.12 <i>K 4998.55</i>	---Kamoka.	14° 29.2' S 146° 21.3' W	Fl.R. period 2.5s	10 3	2	PORT (A) R, beacon, topmark; 16.	
2841.13 <i>K 4998.56</i>	---Ro.	14° 30.0' S 146° 21.3' W	Q.(9)W. period 15s	16 5	4	W. CARDINAL YBY, beacon, topmark; 19.	
2841.14 <i>K 4998.57</i>	--Tenukupara Village.	14° 31.5' S 146° 21.5' W	Fl.R. period 2.5s	16 5	3	PORT (A) R, beacon, topmark; 19.	
2841.15 <i>K 4998.58</i>	---Anchorage.	14° 31.8' S 146° 21.6' W	Q.G.	10 3	2	STARBOARD (A) G, beacon, topmark; 16.	
2841.16 <i>K 4998.59</i>	---Wharf.	14° 32.3' S 146° 21.5' W	Fl.(2)G. period 4s	10 3	5	STARBOARD (A) G, beacon, topmark; 19.	
2841.17 <i>K 4998.6</i>	---N.	14° 32.2' S 146° 21.5' W	Q.R.	13 4	4	PORT (A) R, beacon, topmark; 19.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOUTH PACIFIC ISLANDS							
2841.18 <i>K 4998.61</i>	--Motu Tamarahi.	14° 27.3' S 146° 19.5' W	Q.G.		16 5	3 STARBOARD (A) G, beacon, topmark; 23.	
2841.19 <i>K 4998.62</i>	---Terekia.	14° 26.9' S 146° 17.2' W	Fl.G. period 2.5s fl. 0.5s, ec. 2s		16 5	5 STARBOARD (A) G, beacon, topmark; 19.	
2841.2 <i>K 4998.63</i>	---Rokati.	14° 26.5' S 146° 16.0' W	Fl.R. period 2.5s		13 4	2 PORT (A) R, beacon, topmark; 19.	
2841.21 <i>K 4998.64</i>	---Pirake Keke.	14° 26.3' S 146° 15.6' W	Q.R.		13 4	2 PORT (A) R, beacon, topmark; 19.	
ILES AUSTRALES:							
-Tubai:							
2842 <i>K 5020</i>	--Passe de Te Ara Moana Range, front.	23° 21.0' S 149° 30.2' W	Iso.G. period 4s		20 6	6 White beacon, red bands; 20.	
2842.5 <i>K 5020.1</i>	--Rear, 144 meters 156° from front.	23° 21.0' S 149° 30.2' W	Iso.G. period 4s		33 10	4 White beacon, red band; 33.	Synchronized with front.
-Raivavae:							
2843 <i>K 5025</i>	--Passe Mohanaton Ledge Range, front.	23° 51.5' S 147° 40.2' W	Iso.R. period 4s		56 17	6 White pylon; 46.	
2843.5 <i>K 5025.1</i>	--Rear, 300 meters 167°18' from front.	23° 51.7' S 147° 40.2' W	Iso.R. period 4s		112 34	6 White beacon, red band; 17.	Synchronized with front.
ILES MARQUISES:							
2844 <i>K 5058</i>	-Hiva Oa, Atuona, Baie Taaoa.	9° 48.6' S 139° 01.3' W	Fl.W.R.G. period 2s fl. 0.5s, ec. 1.5s		157 48	W. 8 White concrete structure; 10. R. 6 G. 6	G.-313°30'-332°30', W.- 339°30', R.-358°30'.
2848 <i>K 5060</i>	--Taa Huku Bay.	9° 48.5' S 139° 01.1' W	Q.G.		23 7	3	
2850 <i>K 5057</i>	-Baie de Vaipae Pointe Matatehotu, Ua-Huka.	8° 56.7' S 139° 33.9' W	Fl.G. period 2.5s			3	
2852 <i>K 5053</i>	-Nuku Hiva, Baie Taiohae.	8° 55.5' S 140° 05.3' W	Dir.Fl.W.R.G. period 2.5s fl. 0.5s, ec. 2s		48 15	W. 8 White pylon; 39. R. 6 G. 6	G.-347°30'-357°30', W.- 000°30', R.-010°30'.
2856 <i>K 5052</i>	--Fort Collet.	8° 55.8' S 140° 04.8' W	Q.(3)R.G. period 6s		95 29	R. 2 White structure, black top; 16. G. 4	R. shore-010°, G.-100° (marks anchorage area), R.-shore.
ILES DE LA SOCIETE (F):							
-Tahiti:							
2860 <i>K 4952</i>	--Pointe Venus.	17° 30.0' S 149° 30.0' W	Fl.W. period 5s fl. 0.3s, ec. 4.7s		102 31	27 White square tower; 108.	
2862 <i>K 4952.25</i>	--Passe d' Arue.	17° 31.2' S 149° 31.5' W	Fl.G. period 2.5s fl. 0.5s, ec. 2s		10 3	3 Green beacon, triangular daymark.	
2863 <i>K 4952.7</i>	--Passe de Taunoa Range, front.	17° 31.6' S 149° 33.1' W	Iso.R. period 4s		26 8	7 Red and white column; 26.	
2863.5 <i>K 4952.71</i>	---Rear, 126 meters 173°42' from front.	17° 31.7' S 149° 33.1' W	Iso.R. period 4s		43 13	7 Red and white column; 39.	Synchronized with front.
2863.8 <i>K 4952.8</i>	--Pointe Iriti.	17° 31.4' S 149° 32.8' W	V.Q.(6)+L.Fl.W. period 10s		13 4	4 S. CARDINAL YB, beacon, topmark; 16.	
2864 <i>K 4953</i>	--Beacon.	17° 31.3' S 149° 33.2' W	Fl.G. period 2.5s		16 5	5 STARBOARD (A) G, topmark; 13.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOUTH PACIFIC ISLANDS							
2868 K 4953.4	--Beacon.	17° 31.4' S 149° 33.3' W	Fl.R. period 2.5s	13 4	3	PORT (A) R, topmark; 13.	
2872 K 4953.8	--Beacon.	17° 31.5' S 149° 33.4' W	Q.G.	13 4	3	STARBOARD (A) G, topmark; 16.	
2876 K 4954	---Beacon.	17° 31.5' S 149° 33.6' W	Fl.G. period 2.5s	13 4	3	STARBOARD (A) G, topmark; 16.	
2880 K 4954.2	---Beacon.	17° 31.5' S 149° 33.9' W	Q.R.	16 5	3	PORT (A) R, topmark; 19.	
2882	--Beacon.	17° 31.6' S 149° 34.0' W	Fl.R. period 2.5s	7 2	3	PORT (A) R, topmark; 16.	
2884 K 4956	--Tipaerui Range, front.	17° 32.0' S 149° 34.0' W	Oc.(2)G. period 8s lt. 1s, ec. 2s lt. 3s, ec. 2s	75 23	8	Pylon, red and white bands, white daymark; 66.	Visible 012°-282°. Range lights lead through Papeete Pass.
2888 K 4956.1	---Rear, 222 meters 148°30' from front.	17° 32.9' S 149° 34.7' W	Oc.(2)G. period 8s lt. 1s, ec. 2s lt. 3s, ec. 2s	112 34	8	Pylon, red and white bands, white daymark; 98.	Visible 012°-282°. Synchronized with front.
2889 K 4963	--Fara Ute Range, front.	17° 32.1' S 149° 34.3' W	Fl.R. period 3s	52 16	5	White metal column, white rectangular daymark, red bands; 52.	
2890 K 4963.1	---Rear, 110 meters 026°24' from front.	17° 32.1' S 149° 34.2' W	Fl.R. period 3s	66 20	5	White metal column, white rectangular daymark, red bands; 66.	
2892 K 4962	--Papeete Inner Range, front.	17° 32.5' S 149° 34.3' W	Oc.G. period 4s lt. 3s, ec. 1s	39 12	6	White daymark on pylon, red bands; 36.	
2896 K 4962.1	---Rear, 60 meters 087°36' from front.	17° 32.5' S 149° 34.3' W	Oc.G. period 4s lt. 3s, ec. 1s	49 15	6	White daymark on pylon, red bands; 49.	Synchronized with front.
2900 K 4958	--Papeete Harbor, A1, E. side of Recif Soatoï.	17° 32.6' S 149° 35.1' W	Fl.G. period 2.5s fl. 0.5s, ec. 2s	19 6	4	STARBOARD (A) G, beacon, topmark; 13.	
2904 K 4958.3	--S. side of Recif Soatoï.	17° 33.0' S 149° 35.0' W	V.Q.(6)+L.Fl.W. period 10s	10 3	4	S. CARDINAL YB, beacon, topmark.	
2908 K 4964	--Chenal de Faa.	17° 32.6' S 149° 35.3' W	Q.G.	13 4	3	STARBOARD (A) G, beacon, topmark; 20.	
2912 K 4964.2	--Chenal de Faa.	17° 33.0' S 149° 36.0' W	Q.R.	10 3	2	PORT (A) R, beacon, topmark.	
2916 K 4964.3	--Chenal de Faa.	17° 33.0' S 149° 36.0' W	Fl.R. period 2.5s fl. 0.5s, ec. 2s	16 5	5	PORT (A) R, beacon, topmark; 20.	
2920 K 4959	---A2, on reef.	17° 32.3' S 149° 34.9' W	Fl.R. period 2.5s	19 6	4	PORT (A) R, beacon, topmark; 26.	
2922 K 4958.6	---N.	17° 32.3' S 149° 34.9' W	Q.W.	13 4	3	N. CARDINAL BY, beacon, topmark.	
2923 K 4964.5	---Range, front.	17° 33.0' S 149° 37.0' W	Fl.G. period 2.5s fl. 0.5s, ec. 2s	16 5	5	STARBOARD (A) G, beacon, topmark; 23.	
2924 K 4964.51	----Rear, 256°30' from front.	17° 33.2' S 149° 37.9' W	Fl.(2)G. period 6s	46 14	9	White metal framework tower, black top; 46.	Synchronized with front.
2925 K 4964.65	--Chenal de Faa.	17° 33.8' S 149° 37.3' W	Iso.G. period 4s	7 2	3	STARBOARD (A) G, beacon, topmark; 10.	
2925.5 K 4965.1	--Chenal de Faa.	17° 35.3' S 149° 37.0' W	Q.G.	10 3	2	STARBOARD (A) G, beacon, topmark; 19.	
2926 K 4965.2	--Chenal de Faa.	17° 35.4' S 149° 37.0' W	Q.R.	13 4	3	Red beacon.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOUTH PACIFIC ISLANDS							
2926.3 <i>K 4964.25</i>	--N.	17° 32.7' S 149° 35.8' W	Fl.G. period 2.5s fl. 0.5s, ec. 2s	13 4	3	STARBOARD (A) G, beacon, topmark; 20.	
2926.5 <i>K 4965.25</i>	--Chenal de Faa.	17° 35.6' S 149° 36.9' W	Fl.G. period 2.5s fl. 0.5s, ec. 2s	3 1	3	Green beacon.	
2928 <i>K 4965.6</i>	--Passe de Taapuna Range, front.	17° 36.2' S 149° 37.2' W	Q.R.	16 5	4	Beacon, red square daymark.	
2932 <i>K 4965.61</i>	--Rear, 186 meters 082°18' from front.	17° 36.2' S 149° 37.1' W	Q.R.	16 5	4	Beacon, red square daymark.	
2933 <i>K 4966.8</i>	--Passe de Papeiri Range, front.	17° 43.0' S 149° 18.6' W	Iso.W. period 4s	312 95	7	Green and white column; 20.	
2933.1 <i>K 4966.81</i>	--Rear, 160 meters 242°42' from front.	17° 43.0' S 149° 18.6' W	Iso.W. period 4s	371 113	7	White daymark, red stripe on column; 7.	
2935 <i>K 4966.9</i>	--Taravao.	17° 43.2' S 149° 18.3' W	Fl.G. period 2.5s	7 2	3	STARBOARD (A) G, beacon, topmark; 16.	
2936 <i>K 4966</i>	--Mouillage de Vairoa Range, front.	17° 46.8' S 149° 17.4' W	Fl.R. period 4s	236 72	8	Tower, white rectangular daymark; 39.	
2940 <i>K 4966.1</i>	--Rear, 106 meters 057° from front.	17° 47.4' S 149° 17.8' W	Fl.R. period 4s	285 87	8	Framework tower, white rectangular daymark.	
2940.5 <i>K 4967</i>	--Boudeuse Pass, S. side.	17° 36.5' S 149° 17.8' W	Fl.R. period 2.5s	16 5	4	PORT (A) R, beacon, topmark; 23.	
	-Maiao:						
2941 <i>K 4968.65</i>	--Beacon.	17° 38.1' S 150° 38.3' W	Fl.R. period 2.5s fl. 0.5s, ec. 2s	13 4	4	PORT (A) R, beacon, topmark.	
2942 <i>K 4968.96</i>	--Beacon.	17° 38.1' S 150° 38.3' W	Fl.G. period 2.5s fl. 0.5s, ec. 2s	13 4	4	STARBOARD (A) G, beacon, topmark.	
	-Huahine:						
2944 <i>K 4969</i>	--Avamoa Pass Range, front.	16° 43.0' S 151° 02.0' W	Iso.G. period 4s	82 25	5	Framework tower, white rectangular daymark; 33.	
2948 <i>K 4969.1</i>	--Rear, 180 meters 126°18' from front.	16° 43.2' S 151° 01.7' W	Iso.G. period 4s	131 40	5	Framework tower, white rectangular daymark; 33.	Synchronized with front.
2948.2 <i>K 4969.3</i>	--N. side.	16° 42.7' S 151° 02.3' W	Fl.R. period 2.5s fl. 0.5s, ec. 2s	10 3	3	PORT (A) R, beacon, topmark; 30.	
2948.4 <i>K 4969.35</i>	--S. side.	16° 42.8' S 151° 02.4' W	Fl.G. period 2.5s fl. 0.5s, ec. 2s	17 5	3	STARBOARD (A) G, beacon, topmark; 27.	
2948.6 <i>K 4969.4</i>	--S. side.	16° 43.0' S 151° 02.3' W	Fl.G. period 4s fl. 1s, ec. 3s	14 4	3	STARBOARD (A) G, beacon, topmark; 23.	
2948.8 <i>K 4969.45</i>	--Beacon.	16° 43.1' S 151° 02.1' W	Q.(3)W. period 10s	14 4	4	E. CARDINAL BYB, beacon, topmark.	
2949 <i>K 4969.48</i>	--Point Ofaiorio, NW.	16° 43.2' S 151° 02.1' W	Q.G.	14 4	2	STARBOARD (A) G, beacon, topmark; 40.	
2949.2 <i>K 4969.5</i>	--Avapehi Pass, front.	16° 43.6' S 151° 02.2' W	Oc.G. period 4s lt. 3s, ec. 1s	43 13	4	Metal pylon; 53.	
2949.4 <i>K 4969.51</i>	--Rear, 180 meters 094°30' from front.	16° 43.6' S 151° 02.1' W	Oc.G. period 4s	69 21	4	White rectangular daymark; 10.	
2949.6 <i>K 4969.6</i>	--S. side.	16° 43.7' S 151° 02.8' W	Fl.G. period 4s fl. 1s, ec. 3s	17 5	3	STARBOARD (A) G, beacon, topmark; 30.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOUTH PACIFIC ISLANDS							
2949.8 K 4969.65	--N. side.	16° 43.6' S 151° 02.5' W	V.Q.(6)+L.FI.W. period 10s	10 3	4	S. CARDINAL YB, beacon, topmark; 40.	
2950 K 4969.75	--N. side.	16° 44.7' S 150° 58.2' W	FI.G. period 2.5s	13 4	3	STARBOARD (A) G, beacon, topmark; 27.	
2951 K 4969.7	--Farerea Pass Range, front.	16° 44.9' S 150° 58.8' W	Iso.G. period 4s	23 7	5	Green pylon, white top; 30.	
2951.1 K 4969.71	---Rear, 385 meters 262°30' from front.	16° 44.9' S 150° 58.8' W	Iso.G. period 4s	52 16	5	Green pylon, white top; 49.	
-Raiatea:							
2952 K 4970	--N. Pass Range, front.	16° 44.6' S 151° 26.0' W	Oc.R. period 4s lt. 3s, ec. 1s	62 19	7	Red column, white bands; 69.	
2956 K 4970.1	---Rear, 280 meters 268.9° from front.	16° 44.6' S 151° 26.2' W	Oc.R. period 4s lt. 3s, ec. 1s	102 31	7	Red column, white bands on truncated pyramidal base; 36.	Synchronized with front.
2957 K 4970.3	--Ile Ofetaro, N. end.	16° 44.6' S 151° 25.2' W	FI.G. period 4s fl. 1s, ec. 3s	10 3	5	STARBOARD (A) G, beacon, topmark; 20.	
2958 K 4970.5	--Beacon.	16° 44.5' S 151° 25.3' W	Q.G.	13 4	2	STARBOARD (A) G, beacon, topmark; 20.	
2959 K 4970.4	--Ile Taoru, S. end.	16° 44.7' S 151° 25.3' W	FI.R. period 2.5s fl. 0.5s, ec. 2s	10 3	3	PORT (A) R, beacon, topmark; 20.	
2959.5 K 4970.7	--Pointe Tonoï, NE.	16° 44.1' S 151° 25.8' W	FI.G. period 2.5s fl. 0.5s, ec. 2s	10 3	3	STARBOARD (A) G, beacon, topmark; 13.	
2960 K 4971	--Uturoa Range, front.	16° 44.0' S 151° 27.0' W	Iso.R. period 4s	16 5	5	White structure; 16.	
2964 K 4971.1	---Rear, 370 meters 314°30' from front.	16° 43.5' S 151° 26.6' W	Iso.R. period 4s	33 10	5	White structure; 33.	
2968 K 4972	--Pointe Motutapu AVIATION LIGHT.	16° 43.4' S 151° 27.9' W	U.Q.(5)W. period 12s	33 10	30	Pylon.	F.R. on Mount Tapioi 1 mile SE. 2 F.R. 0.5 mile SW. Occasional.
2968.5 K 4971.3	--Beacon.	16° 43.6' S 151° 26.1' W	FI.(2)G. period 6s	13 4	3	STARBOARD (A) G, beacon, topmark; 16.	
2969 K 4971.32	--Pointe Ofaiputupu.	16° 43.4' S 151° 26.5' W	Q.W.	10 3	5	N. CARDINAL BY, beacon, topmark; 30.	
2969.5 K 4971.33	--N.	16° 43.2' S 151° 26.8' W	Oc.(2)Y. period 6s	10 3	5	SPECIAL Y, beacon, topmark; 30.	
2970 K 4971.34	--Passage Tearearahi.	16° 42.7' S 151° 27.5' W	FI.G. period 2.5s fl. 0.5s, ec. 2s	20 6	4	STARBOARD (A) G, beacon, topmark; 20.	
2970.5 K 4971.36	--Beacon.	16° 42.9' S 151° 27.8' W	Q.W.	10 3	4	N. CARDINAL BY, beacon, topmark; 16.	
2971 K 4971.4	--Teruaheve Reef, E. passage, E. side.	16° 42.5' S 151° 27.6' W	FI.G. period 4s fl. 1s, ec. 3s	6 2	5	STARBOARD (A) G, beacon, topmark; 13.	
2972 K 4971.5	--Rautoanui Passage Range, front.	16° 45.5' S 151° 29.5' W	FI.G. period 2.5s	13 4	5	White tower; 16.	
2976 K 4971.51	---Rear, 129 meters 083°30' from front.	16° 45.5' S 151° 29.4' W	FI.G. period 2.5s	23 7	6	White tower; 23.	Synchronized with front.
2977 K 4971.85	--Pointe Tenape.	16° 44.7' S 151° 29.3' W	Iso.R. period 4s	13 4	5	PORT (A) R, beacon, topmark; 13.	
2977.5 K 4971.65	--Pointe Oporo.	16° 43.7' S 151° 28.8' W	V.Q.(9)W. period 10s	13 4	4	W. CARDINAL YBY, beacon, topmark; 20.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOUTH PACIFIC ISLANDS							
	-Tahaa:						
	--Passe de Paipai:						
2980 <i>K 4973.01</i>	--Point Tepari Range, front.	16° 38.8' S 151° 32.1' W	Iso.R. period 4s	43 13	6	Red and white column; 26.	
2980.01 <i>K 4973.02</i>	---Rear, 30 meters 009° from front.	16° 38.8' S 151° 32.1' W	Iso.R. period 4s	67 20	5	Red and white column; 67.	Synchronized with front.
2980.1 <i>K 4973.2</i>	--E. side.	16° 39.8' S 151° 32.0' W	Fl.(4)G. period 10s	20 6	5	STARBOARD (A) G, beacon, topmark; 20.	
2980.2 <i>K 4973.4</i>	---W. side.	16° 39.8' S 151° 32.3' W	Fl.(4)R. period 10s	20 6	5	PORT (A) R, beacon, topmark; 20.	
2980.3 <i>K 4973.6</i>	--Pointe Tiamahana.	16° 39.3' S 151° 31.6' W	V.Q.(9)W. period 10s	13 4	5	W. CARDINAL YBY, beacon, topmark; 20.	
2980.4 <i>K 4973.8</i>	--Poutoru Village.	16° 40.4' S 151° 30.4' W	Fl.(2)R. period 6s	10 3	6	PORT (A) R, beacon, topmark; 13.	
2980.5 <i>K 4974</i>	--Pointe de Lotus, No. 15.	16° 41.1' S 151° 29.5' W	Fl.(2)G. period 6s	10 3	6	STARBOARD (A) G, beacon, topmark; 20.	
2980.6 <i>K 4974.2</i>	--Pointe Toamaro.	16° 41.2' S 151° 28.9' W	Fl.R. period 4s fl. 1s, ec. 3s	13 4	6	PORT (A) R, beacon, topmark; 20.	
2980.7 <i>K 4974.6</i>	--Recif Terahueve.	16° 42.0' S 151° 28.1' W	Q.W.	10 3	4	N. CARDINAL BY, beacon, topmark; 20.	
2980.8 <i>K 4974.7</i>	---NE. side.	16° 42.1' S 151° 27.8' W	V.Q.(3)W. period 5s	13 4	4	E. CARDINAL BYB, beacon, topmark; 23.	
2980.9 <i>K 4975</i>	--Pointe Puhiai.	16° 41.1' S 151° 26.9' W	Fl.G. period 2.5s	10 3	5	STARBOARD (A) G, beacon, topmark; 16.	
2981 <i>K 4975.2</i>	--Pointe Peeoni.	16° 40.3' S 151° 26.8' W	Fl.R. period 2.5s	7 2	3	PORT (A) R, beacon, topmark; 7.	
2981.05 <i>K 4975.4</i>	--Pointe Tepane.	16° 39.7' S 151° 26.6' W	Q.R.	10 3	2	PORT (A) R, beacon, topmark; 20.	
2981.1 <i>K 4975.6</i>	--Pointe Para.	16° 39.3' S 151° 26.2' W	Q.W.	10 3	5	N. CARDINAL BY, beacon, topmark; 23.	
2981.2 <i>K 4975.8</i>	--Ile Toahotu.	16° 39.0' S 151° 25.6' W	Fl.R. period 4s	10 3	5	PORT (A) R, beacon, topmark; 16.	
2981.3 <i>K 4976</i>	--Ile Mahaea.	16° 38.9' S 151° 25.4' W	Fl.G. period 4s	10 3	5	STARBOARD (A) G, beacon, topmark; 20.	
2981.31 <i>K 4976.2</i>	--Pointe Pataaia.	16° 38.6' S 151° 26.4' W	Fl.R. period 2.5s	13 4	3	PORT (A) R, beacon, topmark; 20.	
2981.33 <i>K 4976.4</i>	--Pointe Teruapatiri.	16° 37.6' S 151° 25.7' W	Fl.G. period 2.5s	10 3	3	STARBOARD (A) G, beacon, topmark; 30.	
2981.35 <i>K 4976.6</i>	--Pointe Matahira.	16° 37.2' S 151° 25.8' W	Q.R.	10 3	2	PORT (A) R, beacon, topmark; 13.	
2981.37 <i>K 4976.8</i>	---NE. side.	16° 36.8' S 151° 25.7' W	Fl.G. period 2.5s	10 3	3	STARBOARD (A) G, beacon, topmark; 30.	
2981.39 <i>K 4977</i>	--Pointe Papaipaapaa.	16° 36.2' S 151° 26.4' W	Fl.R. period 2.5s	13 4	3	PORT (A) R, beacon, topmark; 16.	
2981.4 <i>K 4977.2</i>	--Baie Tematau.	16° 35.5' S 151° 27.3' W	Fl.R. period 4s	10 3	5	PORT (A) R, beacon, topmark; 16.	
2981.5 <i>K 4977.4</i>	--Recife Moora.	16° 34.3' S 151° 28.1' W	Fl.R. period 2.5s	10 3	5	PORT (A) R, beacon, topmark; 23.	
2981.51 <i>K 4977.5</i>	---W. side.	16° 34.3' S 151° 28.4' W	Q.R.	10 3	2	PORT (A) R, beacon, topmark; 26.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOUTH PACIFIC ISLANDS							
2981.52 K 4977.7	--NW. side.	16° 34.2' S 151° 28.5' W	FI.G. period 2.5s	10 3	3	STARBOARD (A) G, beacon, topmark; 20.	
2981.54 K 4977.8	--Recife Faremo.	16° 34.4' S 151° 29.2' W	Q.G.	10 3	2	STARBOARD (A) G, beacon, topmark; 26.	
2981.55 K 4978	---SE. side.	16° 34.5' S 151° 29.0' W	FI.R. period 2.5s	10 3	3	PORT (A) R, beacon, topmark; 20.	
2981.57 K 4978.2	--Pointe Tupenu.	16° 34.7' S 151° 29.8' W	Q.R.	7 2	2	PORT (A) R, beacon, topmark; 13.	
2981.59 K 4978.4	---NW. side.	16° 34.6' S 151° 30.4' W	FI.R. period 2.5s	7 2	3	PORT (A) R, beacon, topmark; 10.	
2981.6 K 4978.6	--Pointe Ravoï.	16° 34.6' S 151° 30.8' W	Q.W.	7 2	5	N. CARDINAL BY, beacon, topmark; 13.	
2981.63 K 4978.8	--Pointe Taroia.	16° 34.9' S 151° 31.2' W	Q.R.	7 2	2	PORT (A) R, beacon, topmark; 10.	
2981.66 K 4979	--Baie Pueheru.	16° 35.3' S 151° 31.8' W	FI.R. period 2.5s	13 4	3	PORT (A) R, beacon, topmark; 16.	
2981.7 K 4979.2	--Baie Vaiorea.	16° 35.7' S 151° 32.4' W	FI.G. period 2.5s	7 2	3	STARBOARD (A) G, beacon, topmark; 13.	
2981.75 K 4979.4	---SW. side.	16° 36.2' S 151° 32.6' W	FI.R. period 2.5s	7 2	3	PORT (A) R, beacon, topmark; 10.	
2981.8 K 4979.6	--Pointe Ahuarui.	16° 36.5' S 151° 32.7' W	Q.R.	10 3	2	PORT (A) R, beacon, topmark; 13.	
2981.85 K 4979.8	--Baie Tapuamu.	16° 37.2' S 151° 32.9' W	FI.R. period 2.5s	10 3	3	PORT (A) R, beacon, topmark; 16.	
2981.88 K 4980	--Baie Utuone.	16° 38.1' S 151° 32.8' W	Q.R.	10 3	3	PORT (A) R, beacon, topmark; 20.	
2981.9 K 4980.2	---SW. side.	16° 38.5' S 151° 33.0' W	Q.G.	13 4	2	STARBOARD (A) G, beacon, topmark.	
-Bora Bora:							
2982 K 4982	--Pte. Te turi roa.	16° 32.8' S 151° 47.2' W	FI.W. period 4s fl. 1s, ec. 3s	43 13	12	Green and white pylon; 43.	Visible 270°-225°.
2982.5 K 4974.5	---No. 4.	16° 29.6' S 151° 46.3' W	FI.R. period 1.2s	13 4	2	PORT (A) R, beacon, topmark.	
2984 K 4982.6	--Passe de Teavanui Range, front.	16° 30.2' S 151° 44.9' W	Iso.R. period 4s	26 8	4	Red and white metal pylon; 26.	
2984.1 K 4982.61	---Rear, 200 meters 113°30' from front.	16° 30.3' S 151° 44.8' W	Iso.R. period 4s	52 16	4	Red and white metal pylon; 52.	
2986 K 4982.9	--No. 5.	16° 30.3' S 151° 45.4' W	FI.G. period 2.5s	13 4	2	STARBOARD (A) G, beacon, topmark; 36.	
2988 K 4983.2	--Vaitape.	16° 30.5' S 151° 44.9' W	FI.R. period 2.5s	13 4	3	PORT (A) R, beacon; 16.	
2992 K 4983	--Pointe Pahua.	16° 29.7' S 151° 45.6' W	Q.(9)W. period 15s	10 3	3	W. CARDINAL YBY, tower beacon, topmark.	
2996 K 4983.4	--Pointe Papuaa.	16° 27.8' S 151° 45.1' W	FI.G. period 2.5s	10 3	3	STARBOARD (A) G, beacon, topmark; 20.	
3000 K 4983.5	--Motu Mute AVIATION LIGHT.	16° 26.6' S 151° 45.1' W	FI.(3+1)W. period 12s	59 18		Tower; 49.	Occasional. Aero Radiobeacon.
3001 K 4983.7	--Baie Taimou.	16° 27.9' S 151° 43.6' W	FI.R. period 4s	13 4	5	PORT (A) R, beacon, topmark; 26.	
3001.1 K 4983.78	--Pointe Puhia.	16° 28.4' S 151° 42.7' W	Q.R.	10 3	2	PORT (A) R, beacon, topmark; 16.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOUTH PACIFIC ISLANDS							
3001.2 <i>K 4983.74</i>	--NE.	16° 28.6' S 151° 42.6' W	Q.(3)W. period 10s	10 3	4 3	E. CARDINAL BYB, beacon, topmark; 16.	
3001.3 <i>K 4983.72</i>	--E.	16° 28.7' S 151° 42.7' W	Q.R.	10 3	3	PORT (A) R, beacon, topmark; 16.	
3001.4 <i>K 4983.76</i>	--ENE.	16° 28.6' S 151° 42.6' W	Q.G.	10 3	2	STARBOARD (A) G, beacon, topmark; 16.	
3002 <i>K 4984.2</i>	--Pointe Mohia.	16° 31.1' S 151° 42.8' W	Fl.R. period 2.5s	16 5	4	PORT (A) R, beacon, topmark; 16.	
3002.1 <i>K 4983.8</i>	--Tianoa.	16° 28.9' S 151° 42.6' W	Fl.G. period 4s	10 3	3	STARBOARD (A) G, beacon, topmark; 16.	
3002.2 <i>K 4984</i>	--Tuiahora.	16° 29.4' S 151° 42.4' W	Fl.G. period 2.5s	13 4	4	STARBOARD (A) G, beacon, topmark; 16.	
3003 <i>K 4984.4</i>	--East Channel.	16° 29.9' S 151° 42.2' W	Q.(9)W. period 15s	10 3	4	W. CARDINAL YBY, beacon, topmark; 20.	
3006 <i>K 4968.17</i>	-Tetiaroa Atoll.	17° 02.9' S 149° 32.9' W	Fl.(2)W. period 10s	49 15	15	White pylon, red top; 49.	
	-Moorea:						
3008 <i>K 4968.2</i>	--Pointe Aroa.	17° 28.5' S 149° 46.5' W	Fl.(4)W. period 20s	75 23	18	White pylon; 72.	
3009 <i>K 4968</i>	--Pointe Pavau Range, front.	17° 29.5' S 149° 49.0' W	Oc.R. period 4s	165 50	4	White metal pylon, red bands; 39.	
3009.5 <i>K 4968.1</i>	---Rear, 143 meters 148°12' from front.	17° 29.6' S 149° 48.9' W	Oc.R. period 4s	224 68	4	White pylon; 19.	Synchronized with front.
3015 <i>K 4968.13</i>	--Paopao Range, front.	17° 30.1' S 149° 49.4' W	Iso.W. period 4s	17 5	4	White pylon, red bands; 19.	
3015.5 <i>K 4968.14</i>	---Rear, 178 meters 191°12' from front.	17° 30.2' S 149° 49.4' W	Iso.W. period 4s	29 9	4	White pylon, red bands; 33.	Synchronized with front.
3016 <i>K 4968.12</i>	--Beacon.	17° 29.9' S 149° 49.1' W	Fl.R. period 2.5s fl. 0.5s, ec. 2s	10 3	5	Red square on beacon; 16.	
3018 <i>K 4968.15</i>	--Paopao.	17° 30.4' S 149° 49.2' W	Q.R.	13 4	3	Red beacon.	
3020 <i>K 4968.3</i>	--Vaiare Range, front.	17° 31.5' S 149° 46.4' W	Iso.R. period 4s	26 8	7	White column, red stripe; 26.	
3021 <i>K 4968.31</i>	---Rear, 300 meters 272° from front.	17° 31.5' S 149° 46.4' W	Iso.R. period 4s	46 14	7	White column, red stripe; 46.	Synchronized with front.
3021.2 <i>K 4968.25</i>	--Point Ofairau.	17° 31.2' S 149° 46.5' W	Q.G.	16 5	4	STARBOARD (A) G, beacon, topmark; 20.	
3021.5 <i>K 4968.5</i>	--Passe Vaiare, N. side.	17° 31.4' S 149° 45.8' W	Fl.G. period 2.5s fl. 0.5s, ec. 2s	20 6	5	STARBOARD (A) G, beacon, topmark; 23.	
3024 <i>K 4968.6</i>	---S. side.	17° 31.0' S 149° 46.0' W	Fl.R. period 2.5s fl. 0.5s, ec. 2s	20 6	5	PORT (A) R, beacon, topmark; 26.	
3024.2 <i>K 4968.91</i>	--Passe Tareu Range, front.	17° 30.6' S 149° 51.1' W	Fl.R. period 4s	19 6	5	Column, white rectangular daymark; 23.	
3024.4 <i>K 4968.92</i>	---Rear, 200 meters 156°54' from front.	17° 30.7' S 149° 51.0' W	Fl.R. period 4s	39 12	5	Column, white rectangular daymark; 46.	Synchronized with front.
3025 <i>K 4968.4</i>	--Pointe Paroa.	17° 36.3' S 149° 49.0' W	Fl.(3)W. period 15s	43 13	18	White column with red band; 43.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOUTH PACIFIC ISLANDS							
COOK ISLANDS (N.Z.):							
-Rarotonga:							
3038 K 4551.5	--Pokoinu AVIATION LIGHT.	21° 11.6' S 159° 48.6' W	Fl.W. period 4s			White concrete structure.	Occasional.
3052 K 4552	--Avarua Range, front.	21° 12.4' S 159° 46.5' W	Oc.Bu. period 8s		2	Orange triangular daymark, point up.	
3056 K 4552.1	--Rear, 18 meters 177°44' from front.	21° 12.4' S 159° 46.5' W	Oc.Bu. period 8s		2	Orange triangular daymark, point down.	
3060 K 4559	--Avatiu Harbor Range, front.	21° 12.3' S 159° 47.1' W	F.Bu.	20 6	2	Orange triangular daymark, point up; 30.	
3064 K 4559.1	---Rear, 50 meters 193°01' from front.	21° 12.3' S 159° 47.1' W	F.Bu.	39 12	2	Orange triangular daymark, point down; 39.	
3076 K 4570	-Aitutaki Atoll.	18° 51.1' S 159° 45.3' W	Fl.(2)W. period 9s fl. 0.5s, ec. 1s fl. 0.5s, ec. 7s	423 129	7	Red and white framework tower; 16.	3 F.R. (vert.) 8M on tower 0.9 mile NNE. 3 F.R. (horiz.) 6M 1 mile NE.
3077 K 4571	--Arutunga Anchorage Range, front.	18° 52.6' S 159° 46.5' W	F.R.			White mast, red triangular daymark.	Occasional.
3077.1 K 4571.1	---Rear, 280 meters 145°49' from front.	18° 52.7' S 159° 46.4' W	F.R.			White mast, red triangular daymark.	Occasional.
SAMOA ISLANDS:							
3084 K 4588	-Aunuu Island, N. side.	14° 17.0' S 170° 32.9' W	Fl.W. period 4s fl. 0.4s, ec. 3.6s	272 83	6	Steel tower; 25.	Obscured W. of 158° and within 1 mile S. of Aunuu Island 007°-035°.
-Tutuila:							
--Pago Pago Harbor:							
3088 K 4576	---Breaker Point, E. side of entrance.	14° 17.6' S 170° 39.8' W	Fl.W.R. period 6s	190 58	W. 8 R. 6	Column, black and white diamond daymark; 27.	Red 150°-170°. Visible from channel between Tutuila Island and Aunuu Island into Pago Pago harbor.
3092 K 4580	---N. shore of Harbor Range, front.	14° 16.3' S 170° 40.4' W	Q.R.	26 8		Skeleton tower, red rectangular daymark, white stripe.	Visible 338°-346°.
3096 K 4580.1	----Rear, 231 meters 342° from front.	14° 16.2' S 170° 40.4' W	Iso.R. period 6s	150 46		Square structure, red rectangular daymark, white stripe; 10.	Visible 338°-346°.
3104 K 4574	--Steps Point.	14° 22.5' S 170° 45.4' W	Fl.W. period 4s fl. 0.4s, ec. 3.6s	78 24	7	Column, black and white diamond daymark; 21.	
-Upolu:							
3108 K 4594	-- Fanuatapu.	14° 00.5' S 171° 23.3' W	Fl.W. period 5s	209 64	20	Aluminum column; 10.	Visible 131°-052°.
--Apia Harbor:							
3112 K 4598	---Range, front.	13° 49.3' S 171° 45.6' W	Iso.G. period 3s	54 16	10	White wooden tower, red bands; 54.	
3116 K 4598.1	--Rear, Mount Vaea Vorberg , 0.76 mile 194° from front.	13° 50.1' S 171° 45.8' W	Fl.W. period 4s	220 67	20	White iron tower, red bands; 20.	Visible 135°-255°.
3118 K 4600	---E. breakwater, head.	13° 49.0' S 171° 45.4' W	Fl.W. period 4s	31 9	5	White metal tower.	
3119 K 4602	---RoRo jetty, head.	13° 49.2' S 171° 45.3' W	Fl.Y. period 4s	8 2	2		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOUTH PACIFIC ISLANDS							
3120 K 4603	--Wharf, head.	13° 49.2' S 171° 45.8' W	Fl.R. period 4s	11	3	Pole.	
3128 K 4608	--Malua, on reef.	13° 45.7' S 171° 50.2' W	Fl.W. period 6s fl. 1s, ec. 5s	10	3	10 Square concrete tower; 10.	
3132 K 4612	--Mulifanua Range, front.	13° 48.9' S 172° 02.3' W	L.Fl.G. period 10s	18	5	6 White concrete pillar.	
3136 K 4612.1	--Rear, 0.18 mile 148° from front.	13° 49.0' S 172° 02.2' W	F.W. period 4s	26	8	6 White concrete pillar.	
3138 K 4613	--Range, front.	13° 49.4' S 172° 01.9' W	FR.	33	10	White metal column, red bands.	
3139 K 4613.1	--Rear, 170 meters 129° from front.	13° 49.5' S 172° 01.8' W	FR.	39	12	White metal column, red bands.	
3139.5 K 4613.5	--Manono.	13° 49.9' S 172° 06.7' W	Fl.R. period 4s	13	4	3 ISOLATED DANGER BRB, beacon, topmark.	
3139.56 K 4613.6	---SE.	13° 50.5' S 172° 05.5' W	Fl.W. period 4s	16	5	6 SAFE WATER RW, beacon, topmark.	
3140 K 4614	-- Apolima.	13° 48.8' S 172° 08.9' W	Fl.(3)W. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	279	85	20 Round metal tower; 23.	Visible 020°-276°.
-Savaii:							
3144 K 4620	--Salelologa Range, front.	13° 45.0' S 172° 12.0' W	Q.W.	21	6	6 White concrete pillar.	
3148 K 4620.1	--Rear, 0.33 mile 312° from front.	13° 44.6' S 172° 12.6' W	Iso.W. period 4s	26	8	6 White concrete pillar.	
3150 K 4620.5	--On reef.	13° 44.5' S 172° 12.6' W	L.Fl.R. period 9s fl. 2s, ec. 7s	6	2	2 White concrete column.	
ILES WALLIS:							
3152 K 4760	-Ile Uvea, Honikulu Pass Range, front.	13° 22.7' S 176° 10.5' W	Iso.W. period 4s	26	8	8 White column; 26.	
3152.1 K 4760.1	--Rear, 2.7 miles 032°18' from front.	13° 20.4' S 176° 09.0' W	Iso.W. period 4s	322	98	8 Gray wall; 23.	
3152.2 K 4760.3	--No. 1.	13° 23.3' S 176° 10.7' W	Fl.G. period 2.5s	10	3	5 STARBOARD (A) G, beacon, topmark; 13.	
3152.3 K 4760.35	--No. 2.	13° 23.2' S 176° 10.9' W	Fl.R. period 2.5s	10	3	5 PORT (A) R, beacon, topmark; 13.	
3152.4 K 4760.5	--No. 3.	13° 23.1' S 176° 10.7' W	Q.G.	10	3	3 STARBOARD (A) G, beacon, topmark; 13.	
3153 K 4760.7	-Faioa Pass, No. 6.	13° 22.0' S 176° 08.7' W	L.Fl.R. period 10s fl. 3s, ec. 7s	10	3	3 PORT (A) R, beacon, topmark; 13.	
3153.3 K 4760.75	--No. 7.	13° 22.0' S 176° 08.5' W	Fl.G. period 2.5s	10	3	3 STARBOARD (A) G, beacon, topmark; 13.	
3153.6 K 4760.8	--No. 10.	13° 21.6' S 176° 08.3' W	Fl.R. period 2.5s	10	3	3 PORT (A) R, beacon, topmark; 13.	
3154 K 4760.9	-Matalaa Anchorage, No. 11.	13° 21.2' S 176° 07.7' W	Q.G.	10	3	3 STARBOARD (A) G, beacon, topmark.	
3154.5 K 4761	--No. 16.	13° 20.7' S 176° 07.5' W	Q.(3)W. period 10s	10	3	4 E. CARDINAL BYB, beacon, topmark; 13.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOUTH PACIFIC ISLANDS							
3155 <i>K 4761.2</i>	-Mata Utu Bay, No. 18.	13° 19.9' S 176° 07.3' W	Fl.(2)R. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	10 3	3	PORT (A) R, beacon, topmark; 13.	
3155.2 <i>K 4761.3</i>	--No. 20.	13° 18.8' S 176° 07.5' W	Fl.R. period 2.5s	10 3	3	PORT (A) R, beacon, topmark; 13.	
3155.4 <i>K 4761.35</i>	--No. 15.	13° 18.7' S 176° 07.5' W	Fl.G. period 2.5s	10 3	3	STARBOARD (A) G, beacon, topmark; 13.	
3155.6 <i>K 4761.5</i>	--Anchorage, No. 22.	13° 18.0' S 176° 07.4' W	Q.(3)W. period 10s	10 3	4	E. CARDINAL BYB, beacon, topmark; 13.	
3155.8 <i>K 4761.55</i>	--No. 17.	13° 17.5' S 176° 07.2' W	Fl.(2)G. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	10 3	3	STARBOARD (A) G, beacon, topmark; 13.	
TONGA ISLANDS:							
-Niue (Savage) Island:							
3156 <i>K 4656</i>	--Alofi, S. of jetty Range, front.	19° 03.0' S 169° 55.0' W	FR.	39 12	5	Beacon, white triangular daymark, orange bands.	
3160 <i>K 4656.1</i>	--Rear, about 45 meters 123° from front.	19° 03.1' S 169° 55.3' W	FR.	79 24	5	Beacon, white triangular daymark, orange bands.	
3164 <i>K 4660</i>	--0.4 mile N. of jetty.	19° 03.0' S 169° 55.0' W	Fl.W. period 10s	62 19	8	White 3 sided wooden beacon, orange bands.	
3170 <i>K 4622</i>	--Muitolo Point.	18° 37.7' S 174° 04.3' W	L.Fl.W. period 12s fl. 2s, ec. 10s	30 9	10	Aluminum tower.	
-Vavau Group:							
3172 <i>K 4623</i>	--Neiaiu Range, front.	18° 38.9' S 173° 59.7' W	Q.R.		4		
3176 <i>K 4623.1</i>	---Rear, 410 meters 065°30' from front.	18° 38.9' S 173° 59.7' W	Iso.R. period 6s		4		
3180 <i>K 4624</i>	--Foiatea.	18° 42.9' S 174° 08.4' W	Q.(3)W. period 10s	195 59	10	Steel tower.	Visible 225°-072° and 106°154°.
-Ha'Apai Group:							
3182 <i>K 4628</i>	--Ha'ano Island, Muiotoa Point.	19° 38.7' S 174° 18.1' W	Fl.(2)W. period 10s	39 12	10	Framework tower; 30.	
3184 <i>K 4630</i>	--Lifuka, Hakau Muikuku.	19° 46.0' S 174° 22.0' W	Fl.R. period 6s	22 7	4	Metal mast, round concrete base; 22.	
3184.5 <i>K 4630.5</i>	--Hakau Mataleingale.	19° 47.0' S 174° 21.7' W	Q.(3)G. period 6s	20 6	4	Pile.	
3184.7 <i>K 4631</i>	--Pukefeo.	19° 47.3' S 174° 21.6' W	Fl.W. period 3s	20 6	4	Pile.	
3185 <i>K 4631.5</i>	--Hakau Vonu.	19° 48.1' S 174° 21.6' W	Fl.G. period 3s	20 6	4	Pile.	
3192 <i>K 4632</i>	--Hakau Loa, N. end.	19° 48.4' S 174° 22.6' W	Fl.G. period 5s	20 6	4	Pile.	
3194 <i>K 4635</i>	--Kito Reef, Uoleva Island.	19° 50.1' S 174° 25.4' W	Fl.W. period 5s	20 6	6	Pile.	
3194.2 <i>K 4636</i>	--Makuata Island.	19° 50.7' S 174° 31.4' W	Fl.W. period 10s	39 12	10	Framework tower; 30.	Visible 140°-100°.
3194.6 <i>K 4636.5</i>	--Tatafa Island.	19° 52.1' S 174° 25.9' W	Fl.G. period 5s	20 6	5	Pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOUTH PACIFIC ISLANDS							
-Lulunga Group:							
3197 K 4637	--Ha'afeva Island.	19° 57.5' S 174° 41.3' W	Fl.(4)W. period 12s	20 6	10	Pile.	
3198 K 4637.5	--Fetoa Island.	19° 57.9' S 174° 43.7' W	Fl.R. period 6s	59 18	4	Framework tower; 20.	Visible 260°-090°.
3198.5 K 4638.5	--Kito Island.	19° 59.7' S 174° 47.4' W	Q.(3)W. period 10s	39 12	10	Framework tower; 30.	Visible 350°-240°.
3200 K 4639	--Nukulai Island.	20° 03.0' S 174° 44.0' W	Oc.W.R.G. period 7s lt. 4s, ec. 3s	80 24	8	Steel tower; 30.	G. 354°-110°, W.-113°, R.-160°, W.-180°, R.-224°, W.- elsewhere.
3204 K 4639.5	--Tokulu Island, center.	20° 06.0' S 174° 48.0' W	Fl.W. period 3s	39 12	10	Steel tower; 30.	
-Nomuka Iki:							
3208 K 4640	--Muifuiva.	20° 15.1' S 174° 49.3' W	Fl.(2)W. period 5s	49 15	10	Metal tower; 30.	
-Tongatapu:							
3212 K 4646	--Hakau Mamao Beacon.	21° 00.0' S 175° 13.0' W	Fl.G. period 10s	29 9	8	Aluminum tower.	
3214 K 4646.8	--Maria Bay Range, front.	21° 03.8' S 175° 15.4' W	Q.W.	20 6	4	Aluminum tower.	
3214.5 K 4646.81	---Rear, about 200 yards 141°38' from front.	21° 03.9' S 175° 15.3' W	Iso.W. period 4s	30 9	6	Aluminum tower.	
3215 K 4644.5	--Malinoa Range, front.	21° 01.9' S 175° 07.9' W	Q.W.	20 6	7	Aluminum tower.	
3216 K 4644.51	---Rear, 570 yards 145° from front.	21° 02.2' S 175° 07.8' W	Iso.W. period 6s	49 15	8	Aluminum tower; 39.	
3220 K 4647	--Ualanga Lalu.	21° 06.2' S 175° 11.5' W	Fl.W.R. period 3s fl. 0.5s, ec. 2.5s	20 6	W. 7 R. 5	Aluminum framework tower.	W. 273°-278°, R.-273°.
3224 K 4647.4	--Ualanga Uta.	21° 07.0' S 175° 12.0' W	Fl.G. period 6s	19 6	4	Red metal framework tower.	
3226 K 4647.44	--Jetty, NW. head.	21° 07.8' S 175° 11.8' W	Fl.G.				
3226.5 K 4647.45	--SE., root.	21° 07.8' S 175° 11.8' W	Fl.R.				
3228 K 4647.6	--Monu Reef.	21° 07.0' S 175° 12.0' W	L.Fl.G. period 5s fl. 2s, ec. 3s	19 6	4	Red metal framework tower.	
3228.2 K 4647.7	---SE.	21° 07.7' S 175° 11.2' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	10 3	1	Green beacon.	
3229 K 4648	--Pangaimotu Island, W. Reef.	21° 07.1' S 175° 10.2' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	10 3	1	Red beacon.	
3230 K 4649.2	--Touliki Moor, W. side.	21° 08.3' S 175° 10.6' W	Fl.G. period 3s	10 3	4		
3230.5 K 4649.25	---E. side.	21° 08.3' S 175° 10.6' W	Fl.R. period 3s	10 3	4		
3232 K 4649.3	--Boat harbor, E. mole.	21° 08.2' S 175° 11.0' W	Fl.R. period 4s	16 5	2	Red triangular metal tower.	
3233 K 4655	--Mui Hopohoponga.	21° 08.9' S 175° 02.0' W	Fl.W. period 15s	33 10	10		
3234 K 4651	--Piha Passage Range, front.	21° 06.9' S 175° 09.0' W	Q.R.	23 7	4	Aluminum tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOUTH PACIFIC ISLANDS							
3234.5 K 4651.1	--Rear, 380 yards 264°56' from front.	21° 06.9' S 175° 09.2' W	Iso.R. period 6s	29 9	4	Aluminum tower.	Visible 167°-005°.
3235 K 4651.5	--The Narrows Range, front.	21° 05.2' S 175° 09.4' W	V.Q.W.	10 3	4	Aluminum tower.	Obscured 075°-116°.
3235.5 K 4651.51	--Rear, 400 yards 342°30' from front.	21° 05.0' S 175° 09.3' W	Iso.W. period 4s	29 9	4	Aluminum tower.	Obscured 008°-048°.
3235.7 K 4651.7	--Makaha'a.	21° 06.3' S 175° 09.7' W	Fl.R. period 5s	19 6	4	Aluminum tower.	
3235.9 K 4650	--Makaha's Passage.	21° 07.1' S 175° 09.4' W	Fl.G. period 4s	10 3	1		
	-Eua Island:						
3245 K 4654.7	--Ohonua.	21° 20.4' S 174° 57.3' W	Oc.R.		10	Aluminum tower.	
FIJI ISLANDS							
3252 K 4751	Rock Island.	17° 17.0' S 179° 39.0' W	Fl.(3)W. period 10s fl. 0.1s, ec. 1.6s fl. 0.1s, ec. 1.6s fl. 0.1s, ec. 6.5s	36 11	12	Metal tripod tower; 26.	Visible 262°-250°.
3256 K 4762	Rotuma, at Foviung Efau, anchorage.	12° 30.0' S 177° 05.0' E	F.W.			Beacon.	Occasional.
3260 K 4752	Welangilala.	16° 45.2' S 179° 06.3' W	Fl.W. period 5s	95 29	18	White round iron tower; 95.	
	RACON		W(• - -)		20		
3264 K 4756	Nggele Levu.	16° 05.4' S 179° 08.8' W	Fl.(2)W. period 12s	108 33	15	Metal framework tower; 68.	
	VANUA LEVU:						
3268 K 4748	-Cape Undu.	16° 07.8' S 179° 57.2' W	Fl.(2)W. period 25s	161 49	17	White hexagonal tower, concrete base; 20.	
3272 K 4747	-Malau.	16° 22.0' S 179° 22.0' E	F.R.	39 12		On bulk loading tower.	
3276 K 4744	-Point Reef, E. extremity, Savusavu Bay.	16° 50.0' S 179° 16.0' E	Fl.W. period 3s	25 8	10	White hexagonal concrete tower; 29.	Obscured by land when bearing less than 250°.
3280 K 4746	-Na Kama Creek, S. side of entrance, jetty, head.	16° 46.0' S 179° 20.0' E	F.R.	20 6	1	Metal framework structure; 14.	Occasional.
3284 K 4746.5	-Kia Island.	16° 13.0' S 179° 06.0' E	Fl.W. period 5s	229 70	15	Metal tower; 26.	Visible 109°-008°.
3288 K 4750	Taveuni Island, on Vuna Point.	16° 57.2' S 179° 52.8' E	Fl.W. period 8s fl. 0.4s, ec. 7.6s	34 10	10	White concrete tower.	Visible 315°-216°.
3292 K 4740	Korolevu.	17° 23.8' S 179° 22.0' E	Fl.(2)W. period 10s	203 62	18	White framework tower; 82.	Obscured by shore when bearing less than 250°.
3296 K 4733	Thakau Momo.	17° 39.0' S 179° 16.0' E	Fl.W. period 2s fl. 0.3s, ec. 1.7s	20 6	9	White concrete tower red top; 21.	Radar reflector.
3300 K 4736	Nairai Range, front.	17° 50.0' S 179° 25.0' E	F.W.		5	White post.	Shown on request.
3304 K 4736.1	-Rear, about 100 yards 040° from front.	17° 49.7' S 179° 25.0' E	F.W.		5	White post.	Shown on request.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
FIJI ISLANDS							
3308 K 4733.4	Makongai, summit.	17° 27.0' S 178° 59.0' E	Fl.W. period 7s	890 271	14	Red metal framework tower, 14.	
3312 K 4730	Wakaya Reefs.	17° 41.0' S 179° 05.0' E	Fl.(2)W. period 15s fl. 0.3s, ec. 2s fl. 0.3s, ec. 12.4s	74 23	19	White octagonal tower, red bands; 83.	
3316 K 4732	Mbatiki Island.	17° 46.0' S 179° 08.0' E	Fl.W. period 4.5s fl. 0.3s, ec. 4.2s	115 35	16	White octagonal tower, square concrete base; 21.	Visible 359°-241°.
3320 K 4734	Singuma Harbor Range, front.	17° 57.0' S 179° 16.0' E	F.Bu.	10 3	5	White post, orange triangular daymark, point up; 20.	Shown on request.
3324 K 4734.1	-Rear, about 70 meters 138° from front.	17° 57.0' S 179° 16.0' E	F.Bu.	40 12	5	White post; 20.	Shown on request.
3328 K 4735	Yaciwa Island.	18° 08.1' S 179° 20.9' E	Fl.W. period 6s	56 17	9	White round concrete tower; 17.	
OVALAU (LEVUKA HARBOR):							
3332 K 4719	-North Ovalau Island, entrance.	17° 34.0' S 178° 51.0' E	Fl.(2)W. period 10s	39 12	11	Black framework tower, concrete base.	
3336 K 4722	-Na Tumbari Range, S. entrance, front.	17° 41.0' S 178° 50.0' E	F.Bu.	48 15	7	Orange neon triangular daymark, point up, on church.	
3340 K 4722.1	--Rear, 250 meters 263°08' from front.	17° 40.8' S 178° 50.2' E	F.Bu.	100 30	11	Orange neon triangular daymark, point down, on pole.	
3344 K 4726	-Queens Wharf, end of N. arm.	17° 41.0' S 178° 50.0' E	F.G.	23 7			
3348 K 4727	-Queens Wharf, end of S. arm.	17° 41.0' S 178° 50.5' E	F.G.	23 7		Mast.	
3352 K 4723	-Entrance, S. side of Na Tumbari.	17° 41.0' S 178° 51.0' E	Fl.W. period 2s fl. 0.1s, ec. 1.9s	30 9	5	White tower, tripod; 36.	
3356 K 4714.6	Yandua.	16° 49.1' S 178° 18.1' E	Fl.(2)W. period 15s fl. 0.2s, ec. 4.8s fl. 0.2s, ec. 9.8s	655 200	14	Red steel framework tower; 14.	
3360 K 4716	-Channel E.	17° 16.0' S 178° 33.1' E	Fl.W. period 2s	40 12	11	Black lattice tower, concrete pillar.	
3364 K 4717	--W.	17° 16.0' S 178° 29.0' E	Fl.W. period 5s	40 12	11	Black lattice tower, concrete pillar.	
VITI LEVU:							
3368 K 4668	-Nasilai Reef, SE. extremity, Rewa River entrance.	18° 08.0' S 178° 42.0' E	L.Fl.(2)W. period 30s fl. 2s, ec. 2s fl. 2s, ec. 24s	45 14	12	White square tower, red bands; 54.	
3372 K 4670	-Makuluva.	18° 11.0' S 178° 31.0' E	Fl.W. period 10s	59 18	9	White mast, concrete structure.	F.R. lights on mast 7.1 miles N.
-Suva Harbor:							
3376 K 4686	--Walu Bay Range, front.	18° 07.9' S 178° 25.7' E	F.Bu.			Orange triangular daymark on pole.	
3380 K 4686.1	---Rear, 200 meters 102°13' from front.	18° 07.9' S 178° 25.8' E	F.Bu.			Orange triangular daymark on pole.	
3384 K 4687	--Hospital.	18° 08.1' S 178° 26.0' E	F.R.			Flagstaff on Hospital roof.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
FIJI ISLANDS							
3388 K 4684	--Tamavua, S. end of reef N. of Walu Creek.	18° 07.5' S 178° 25.6' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	16 5	4	Red beacon; 15.	F.R. on radio mast about 1 mile 059°.
3392 K 4682	--Lami.	18° 07.6' S 178° 24.6' E	Q.R.	15 5	4	Red hexagonal tower, round top.	
3396 K 4672	--North Side Range, front.	18° 06.5' S 178° 24.3' E	Q.Bu.	130 40	14	Red square tower, white stripe.	Visible 320°-038°. Liable to be obscured by smoke.
3400 K 4672.1	---Rear, 1,189 meters 010°15' from front.	18° 05.9' S 178° 24.4' E	Iso.Bu. period 4s	338 103	19	Red square tower, white stripe.	Visible 325°-055°. Liable to be obscured by smoke.
3404 K 4678	--N. extremity of E. reef.	18° 08.1' S 178° 24.2' E	Fl.G. period 5s fl. 0.5s, ec. 4.5s	34 10	8	White tower on white 6-sided beacon, black bands; 36.	Radar reflector.
3408 K 4677	--About 229 meters S. of NE. end of reef	18° 08.0' S 178° 23.8' E	Fl.R. period 6s	6 2	3	Pile.	
3412 K 4676	--Near SE. extremity of W. reef at entrance	18° 08.5' S 178° 23.6' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	30 9	5	White tower on red and white base; 33.	Radar reflector.
3416 K 4673	--E. side.	18° 07.3' S 178° 23.9' E	Q.Y.	18 5	1	Red metal framework structure.	
3420 K 4701	--Navo Island.	18° 07.0' S 177° 20.0' E	Fl.(2)W. period 12s	46 14	12	Red tripod tower; 26.	
3424 K 4702	--Navula Reef, S. end.	17° 55.4' S 177° 12.7' E	Fl.R. period 5s fl. 0.3s, ec. 4.7s	36 11	10	White framework tower on concrete structure; 36.	
3428 K 4706	--Navula Point.	17° 53.2' S 177° 14.9' E	Fl.R. period 2s	20 6	8	White concrete beacon.	
3432 K 4704	--Momi Bay Range, front.	17° 55.0' S 177° 17.0' E	Q.W.	33 10	12	White tower; 39.	Obscured when bearing less than 060°.
3436 K 4704.1	---Rear, about 1.9 km 077°15' from front.	17° 54.6' S 177° 17.5' E	Q.W.	207 63	20	White tower; 23.	Obscured when bearing less than 060°.
3436.4 K 4706.5	--Black Rocks, AVIATION LIGHT.	17° 47.4' S 177° 12.8' E	Fl.W. period 7s	10 3	5	Wooden post on concrete base.	
3436.8 K 4707.21	--Denarau Island, marina channel.	17° 45.5' S 177° 23.0' E	Fl.R. period 1.5s		4		
3436.9 K 4707.22	--Breakwater.	17° 45.5' S 177° 23.0' E	Fl.G. period 1.5s		4		4 F.G. lights mark breakwater.
3437 K 4708	--Tomba ko Nandi, AVIATION LIGHT.	17° 46.0' S 177° 27.0' E	Al.FI.W.G. period 3.8s	141 43		Control tower; 75.	Occasional.
3438 K 4709	--AVIATION LIGHT.	17° 45.0' S 177° 28.0' E	Fl.R. period 1.3s				Occasional.
3440 K 4710	--Naikorokoro, W. end of reef, 2.2 km S. of point.	17° 39.0' S 177° 23.0' E	Fl.(2)W. period 6s	42 13	10	White structure on black piles; 51.	Aero Radiobeacon 8.5 miles SSE.
3441 K 4710.5	--Pinder Reef, S.	17° 36.3' S 177° 24.2' E	Fl.W. period 8s	20 6	6	White structure, black stripe.	
3444 K 4712	--Vio, off N. end.	17° 36.1' S 177° 26.0' E	Fl.W. period 3s	26 8	4	Pile.	
3448 K 4711	--Off SW. point.	17° 36.0' S 177° 26.0' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	20 6	5	Beacon.	
3452 K 4711.2	--Off SE. point.	17° 36.5' S 177° 26.1' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	20 6	5	Beacon.	
3456 K 4712.4	--Mbekana Island, on reef.	17° 36.0' S 177° 26.0' E	Fl.(2)W. period 5s	3 1	2	Round concrete pedestal; 7.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
FIJI ISLANDS							
3460 K 4714	-Viwa, NW. point.	17° 08.0' S 176° 53.0' E	Fl.(3)W. period 15s	57 17	12	White metal framework tower; 50.	
3464 K 4661	-Vatulele.	18° 31.0' S 177° 37.0' E	Fl.W. period 10s	136 41	17	White concrete tower.	Visible 051°-304°. Partially obscured 304°-317° and 355°-007°.
3468 K 4695	SW. reef.	18° 30.4' S 177° 58.9' E	Fl.(2)W. period 5s	33 10	8	Mast on concrete structure; 30.	
3472 K 4694	Mbengga.	18° 24.1' S 178° 10.2' E	Fl.(3)W. period 12s	39 12	15	White metal tripod, yellow band.	
3476 K 4666	North Astrolabe Reef, (Solo Rock).	18° 38.0' S 178° 32.0' E	L.Fl.W. period 30s fl. 3s, ec. 27s	96 29	10	Round iron tower, red and white bands; 106.	
3480 K 4662	Cape Washington, W. end of Kandavu.	19° 07.0' S 177° 58.0' E	Fl.W. period 5s fl. 1s, ec. 4s	208 63	11	Metal tripod; 28.	Obscured by shore N. of 007°.
3484 K 4663	Vanuatambu.	19° 02.0' S 178° 29.0' E	Fl.W. period 2s fl. 0.1s, ec. 1.9s	165 50	15	Metal framework tower.	Visible 215°-055°.
3488 K 4758	Totoya Island.	19° 00.0' S 179° 52.0' W	Fl.(3)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 4.5s	249 76	20	Framework tower; 49.	Visible 251°-164°.
3492 K 4759	Vatoo.	19° 49.7' S 178° 13.0' W	Fl.W. period 5s	229 70	21	Framework tower; 98.	Partially obscured by trees 300°-325°, 340°-005°.
NEW HEBRIDES							
ESPIRITU SANTO ISLAND:							
3496 K 4880	-Palikoulo Point.	15° 28.7' S 167° 14.9' E	Fl.(3)W. period 15s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 11.5s	75 23	14	White metal framework tower; 69.	
3500 K 4880.4	-Luganville, Million Dollar Point.	15° 31.4' S 167° 14.2' E	Fl.(4)W. period 60s	39 12	8	Concrete tower; 33.	
3504 K 4880.6	Aore Island.	15° 32.0' S 167° 12.0' E	Fl.(2)W.R.G. period 10s	79 24	W. R. G. 6 6	Metal framework tower; 65.	W. 262°-270°, G.-321°, W.- 325°, R.-262°.
3508 K 4880.7	-Second (Segond) channel.	15° 35.0' S 167° 07.0' E	Q.W.	23 7	4	White metal framework tower; 13.	
3512 K 4877	Tutuba.	15° 34.2' S 167° 17.4' E	L.Fl.W. period 5s	79 24	7	White metal framework tower; 69.	
3516 K 4873	Port Stanley.	16° 04.5' S 167° 27.1' E	Fl.(3)W. period 10s	39 12	8	White metal framework tower; 19.	
3520 K 4874	-Sarmette (Meadus) Bay.	16° 11.0' S 167° 32.0' E	2 F.W.			Beacons with white triangular topmarks.	Lights in range 233°. Shown only when vessels are expected.
3524 K 4868	-Lamap Point.	16° 25.0' S 167° 48.0' E	Fl.W. period 10s fl. 1s, ec. 9s	115 35	7	White metal framework tower.	
AMBRYM ISLAND:							
3528 K 4866	-Ranon Anchorage Range, front.	16° 08.0' S 168° 07.0' E	F.W.	16 5		White circle on beacon.	Occasional.

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NEW HEBRIDES							
3532 <i>K 4866.1</i>	--Rear 319° from front.	16° 08.4' S 168° 07.0' E	F.W.			White circle on beacon.	Occasional.
3536 <i>K 4867</i>	-Craig Point.	16° 16.0' S 167° 55.0' E	Fl.W. period 5s	62	10	White metal framework tower; 20.	
EPI:							
3540 <i>K 4862</i>	-The Foreland.	16° 42.0' S 168° 07.0' E	Fl.(4)W. period 20s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 15s	680 207	10	White metal framework tower; 65.	
EFATE:							
3552 <i>K 4854</i>	-Port-Vila Range, front.	17° 44.2' S 168° 18.9' E	F.R.	131	9	Orange tower, orange triangular daymark.	
3556 <i>K 4854.1</i>	--Rear, 440 meters 078° from front.	17° 44.2' S 168° 19.2' E	F.R.	295 90	9	Orange tower, orange triangular daymark.	
3560 <i>K 4858</i>	-Eretoka Island.	17° 38.5' S 168° 08.8' E	Fl.(2)W. period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 8s	315 96	8	Metal framework tower; 65.	
3564 <i>K 4855</i>	-Pointe Mele AVIATION LIGHT.	17° 41.7' S 168° 16.0' E	Iso.G. period 4s	49 15	7	Wood mast.	
3568 <i>K 4855.5</i>	--AVIATION LIGHT, 1.5 miles NNW.	17° 40.2' S 168° 15.3' E	Iso.R. period 4s	617 188	7	Wood mast.	
3572 <i>K 4852</i>	-Pango Point, S. extremity.	17° 46.9' S 168° 15.4' E	Fl.W. period 6s	72 22	11	White metal framework tower.	Obscured 160°-shore.
3576 <i>K 4847</i>	Erromango, Ountovin Point.	18° 52.1' S 168° 59.1' E	Fl.(2)W. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	548 167	14	White metal framework tower; 49.	
3580 <i>K 4849</i>	Tanna Island, Lenakel.	19° 32.0' S 169° 15.0' E	Fl.(2)W. period 10s	30 9	8	White metal framework tower; 20.	
NEW CALEDONIA							
ILES LOYAUTE (LOYALTY ISLANDS):							
3584 <i>K 4834</i>	-Ile Lifou.	21° 03.0' S 167° 27.0' E	Fl.(2+1)W. period 15s fl. 0.2s, ec. 2.4s fl. 0.2s, ec. 6s fl. 0.2s, ec. 6s	295 90	15	Black square metal tower, white base; 98.	
3585 <i>K 4835</i>	-Port de We Range, front.	20° 55.0' S 167° 16.7' E	Fl.W. period 4s	10 3	6	White post.	
3585.5 <i>K 4835.1</i>	--Rear, 16 meters 197° from front.	20° 55.0' S 167° 16.7' E	Fl.W. period 4s	33 10	6	Black post; 23.	Synchronized with front.
3586 <i>K 4835.2</i>	-Musoir.	20° 54.9' S 167° 16.9' E	Q.R.	27 8	4	Red and white tower; 16.	
3587 <i>K 4836</i>	-Port de Tadine, breakwater, head.	21° 32.8' S 167° 52.6' E	Fl.G. period 4s	27 8	4		
3589 <i>K 4838</i>	-La Roche.	21° 28.1' S 168° 02.1' E	F.R.	306 93		Radio mast.	Aero obstruction light. Aero F.R. obstruction light marks water tower 875 meters W.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW CALEDONIA							
ILE DES PINS:							
3598 K 4830	-Ilot Infernal.	22° 42.2' S 167° 22.0' E	Fl.(3)W. period 12s	49 15	13	White metal pylon.	
3599 K 4799.76	-Pic Meunier Range, front.	22° 38.3' S 167° 25.8' E	Fl.W. period 2.5s fl. 0.5s, ec. 2s	36 11	9	Pylon; 20.	
3599.1 K 4799.77	--Rear, 1841 meters 059°30' from front.	22° 38.8' S 167° 26.7' E	Fl.W. period 2.5s fl. 0.5s, ec. 2s	433 132	9	Metal support; 3.	On top of Pic Meunier. Synchronized with front.
3600 K 4790	Puareti.	22° 06.0' S 166° 55.6' E	Fl.(4)W. period 15s	295 90	24	Gray tower; 59.	Visible 148°-328°.
CANAL DE LA HAVANNAH:							
3604 K 4795	-Passe de Goro.	22° 19.8' S 167° 02.0' E	Fl.W. period 4s	82 25	11	White tower; 85.	
	-RACON		G(- - •)				
PASSE DE BOULARI:							
3608 K 4797	-Recif Ioro.	22° 23.0' S 166° 58.0' E	Iso.R. period 4s	23 7	5	Red and white masonry tower.	
3612 K 4794	-Cap N'Doua.	22° 23.5' S 166° 55.7' E	Dir. Fl.(4)W. period 15s	180 55	16	White post; 10.	Intensified 244°-250°. Reserve light range 8M.
3616 K 4794.1	--Middle, 280 meters 247° from front.	22° 23.5' S 166° 55.5' E	Dir. Fl.(4)W. period 15s	374 114	16	White pyramidal structure; 10.	Intensified 244°-250°. Synchronized with front.
3620 K 4794.2	--Common rear, summit of cape, 830 meters 247° from Cap N'Doua front, 190 meters 339° from Cap N'Doua, point front.	22° 23.6' S 166° 55.3' E	Fl.(4)W. period 15s	620 189	14	White steel framework tower; 20.	Synchronized with front.
3621 K 4794.21	-Cap N'Doua Range, point, front.	22° 23.7' S 166° 55.3' E	Q.W.	410 125	11	Metal post.	Visible 330°-348°.
BAIE DU PRONY:							
3624 K 4799	-Baie Est, E. entrance.	22° 24.0' S 166° 52.8' E	Iso.W.G. period 4s	36 11	W. 8 G. 6	White masonry tower, green top; 39.	W. 274°-097°, G.-274°.
3626 K 4799.2	Ouara Bay, No. 1.	22° 24.7' S 166° 51.2' E	Fl.G. period 4s		3	STARBOARD (A) G, beacon.	
3626.2 K 4799.24	-No. 3.	22° 25.1' S 166° 50.9' E	Fl.(2)G. period 6s		3	STARBOARD (A) G, beacon.	
3626.4 K 4799.28	-No. 5.	22° 25.3' S 166° 50.8' E	Fl.(3)G. period 12s		3	STARBOARD (A) G, beacon.	
3628 K 4799.6	Canal Woodin, S. side, Ile Ouen.	22° 23.8' S 166° 48.8' E	Fl.W.R. period 2.5s	210 64	W. 9 R. 6	Red and white pylon with designation "Ile Ouen"; 23.	R. 180°-000°, W.-180°. Forms range 088° with Cap N'Doua common rear.
3632 K 4799.5	-N. side.	22° 23.0' S 166° 48.0' E	Iso.W.G. period 4s	39 12	W. 8 G. 5	White tower; 36.	W. 282°-288°, G.-045°, W.- 064°, obsc.-282°.
3634 K 4799.68	-Recif Moziman.	22° 23.4' S 166° 50.9' E	Q.(6)+L.Fl.W. period 15s	23 7	6	S. CARDINAL YB, beacon, topmark.	
3635 K 4799.95	Ilot Tareti.	22° 23.2' S 166° 38.0' E	Fl.(2+1)W.R.G. period 10s	23 7	2	White beacon.	W. 107°-110°, R.-273°, W.- 289°, G.-107°.

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NEW CALEDONIA							
3636 K 4800	Ilot Porc-Epic.	22° 20.0' S 166° 34.0' E	Fl.(3)W.G. period 12s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 6s	118 36	W. 11 G. 8	White tower; 16.	W. 291°-299°, G.-077°, W.-089°, obsc.-291°.
3637 K 4800.1	Basse Prevoyante.	22° 20.2' S 166° 32.3' E	Q.W.	13 4	5	N. CARDINAL BY, articulated beacon, topmark.	
PASSE DE BOULARI:							
3640 K 4802	-Passe Nord Range, front.	22° 28.9' S 166° 27.8' E	Dir.Q.W.	56 17	13	White octagonal tower with column; 59.	Intensified 047°-053°.
3644 K 4802.1	--Ile Amedee, rear, 210 meters from front.	22° 29.0' S 166° 27.7' E	Fl.(2)W. period 10s	174 53	20	White tower; 164.	
3644.5 K 4803	---Shoal.	22° 28.9' S 166° 27.0' E	Fl.G. period 4s		4	STARBOARD (A) G, articulated beacon, topmark.	
3645 K 4800.3	-Basse Thisbe.	22° 27.0' S 166° 26.8' E	Fl.(2)G. period 6s	16 5	4	STARBOARD (A) G, articulated beacon, topmark.	
3648 K 4804	-Recife Tabou, E. side.	22° 29.0' S 166° 26.6' E	Oc.(4)W.R. period 12s lt. 1s, ec. 1s lt. 1s, ec. 1s lt. 1s, ec. 1s lt. 5s, ec. 1s	42 13	W. 10 R. 7	White tower, red top; 46.	W. 169°-185°, R.-282°, W.-022°, obsc.-169°.
3648.1 K 4804.3	-Recif To.	22° 30.6' S 166° 27.3' E	Fl.R. period 4s fl. 1s, ec. 3s		2	PORT (A) R, beacon, topmark.	
3648.2 K 4805	-Recif Le Sournois, NE.	22° 31.2' S 166° 27.2' E	Q.W.		6	N. CARDINAL BY, beacon, topmark.	
3649 K 4799.8	Recif Ila.	22° 27.2' S 166° 45.8' E	Fl.W.R.G. period 4s		W. 8 R. 5 G. 5	White framework tower; 23.	W. 133°-148°, R.-299°, G.-133°.
3650 K 4799.9	Ilot Mbe.	22° 29.0' S 166° 33.5' E	Fl.(2)W.R.G. period 6s		W. 8 R. 5 G. 5	White framework tower.	W. 135°-152°, R.-287°, W.-303°, G.-135°.
3652 K 4800.5	Ile Maitre.	22° 21.0' S 166° 25.0' E	Q.R.	33 10	5	White tower, red top; 36.	
3653 K 4807	Recif Abore.	22° 27.9' S 166° 31.0' E	Fl.(3)G. period 12s	23 7	6	STARBOARD (A) G, beacon, topmark.	
3654 K 4802.5	-W.	22° 28.0' S 166° 30.1' E	Fl.(2)R. period 6s	23 7	6	PORT (A) R, beacon, topmark.	
NOUMEA:							
3656 K 4812	-Ile Nou Range, front.	22° 16.5' S 166° 24.6' E	Dir.Fl.(4)W. period 15s	82 25	12	White metal support; 33.	Intensified 337°-357°.
3660 K 4812.1	--Sommet Ducos, rear, 380 meters 347° from front.	22° 16.7' S 166° 24.6' E	Dir.Fl.(4)W. period 15s	233 71	12	Square structure; 10.	Synchronized with front. Intensified 337°-357°.
3660.1 K 4809.1	-Ilot Te Ndu.	22° 17.8' S 166° 15.8' E	Fl.(3)G. period 12s	16 5	4	STARBOARD (A) G, beacon, topmark.	
3660.2 K 4809.13	-Laregnere Reef, No. 3.	22° 19.5' S 166° 17.5' E	Fl.G. period 4s	16 5	4	STARBOARD (A) G, beacon, topmark.	
3660.3 K 4809.1	-Recif Senez, No. 5.	22° 17.7' S 166° 19.5' E	Fl.(2)G. period 6s	16 5	4	STARBOARD (A) G, beacon, topmark.	
3660.5 K 4820	-Banc de l'Infernal.	22° 16.8' S 166° 25.8' E	Fl.(3)G. period 12s	13 4	4	STARBOARD (A) G, beacon, topmark; 56.	
3660.8 K 4820.5	-Ile aux Canards.	22° 19.2' S 166° 25.8' E	Fl.(3)G. period 12s		4	STARBOARD (A) G, articulated beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW CALEDONIA							
3660.9 K 4821	-Recif du Prony, No. 4.	22° 16.3' S 166° 19.8' E	Fl.(2)R. period 6s	16	4	PORT (A) R, articulated beacon, topmark.	
3661 K 4811.5	-Grande Rade Range , front.	22° 16.3' S 166° 26.1' E	Iso.W. period 4s	26	16	White metal framework tower; 23.	Intensified 114°-120°.
3662 K 4811.51	--Rear, 425 meters 117° from front.	22° 16.4' S 166° 26.4' E	Iso.W.R. period 4s	312	W. 14 R. 11	White tower; 26.	W. 253°-107°, R.-114°, W.-119°, R.-134°. Synchronized with front. 4 F.R. mark radio tower 50 meters NW.
3664 K 4811	-Ile Nou, NW. point.	22° 15.1' S 166° 22.6' E	Fl.(3)G. period 12s	98	6	Square structure; 10.	Visible 355°-245°.
3666 K 4810.8	-Lestelle Point.	22° 14.5' S 166° 22.9' E	Fl.(3)R. period 12s	19	4	PORT (A) R, beacon, topmark.	
3676 K 4816	-Petit Passe , front.	22° 16.7' S 166° 26.3' E	Dir.Q.W.	151	15	Gray tower; 85.	Intensified 052°-058°.
3680 K 4816.1	--Rear, on hill, 155 meters 055° from front.	22° 16.7' S 166° 26.4' E	Dir.Q.W.	202	15	White rectangular structure; 23.	Intensified 050°30'-059°30'.
3681 K 4816.2	-Denouel Point.	22° 17.3' S 166° 25.4' E	Fl.R. period 4s	23	4	PORT (A) R, beacon, topmark.	
3681.2 K 4816.24	-Pointe de l'Artilerie.	22° 17.1' S 166° 25.6' E	Fl.(2)G. period 6s	20	4	STARBOARD (A) G, beacon, topmark.	
3681.4 K 4816.26	-Ilot Brun.	22° 17.3' S 166° 25.3' E	Fl.G. period 4s	23	4	STARBOARD (A) G, beacon, topmark.	
3682 K 4817	-Ile de Brun, E. landing stage, head.	22° 17.6' S 166° 25.5' E	Q.R.	19	1	White column, red top; 13.	
3683 K 4825	Passe de Dumbea, No. 1.	22° 21.4' S 166° 15.5' E	V.Q.(9)W. period 10s	16	7	W. CARDINAL YBY, articulated beacon, topmark.	
3684 K 4825.1	-No. 2.	22° 21.3' S 166° 15.0' E	Fl.R. period 4s		4	PORT (A) R, articulated beacon, topmark.	
3685 K 4825.5	Recif Mbere.	22° 20.9' S 166° 14.9' E	Mo.(D)W. period 10s	30	6	PORT (A) R, beacon, topmark.	
	RACON		D(- • •)				
3686 K 4827	Ilot M'ba.	22° 13.1' S 166° 12.0' E	Fl.W.R.G. period 4s		W. 8 R. 5 G. 5	White framework tower.	W. 136°-142°, G.-277°, W.-283°, R.-136°.
3688 K 4827.5	Passe de Uitoe.	22° 10.4' S 166° 06.7' E	Fl.R. period 4s	16	4	PORT (A) R, articulated beacon, topmark.	
3700 K 4787.4	-S.	21° 24.0' S 164° 56.7' E	Fl.G. period 4s	29	7	White column, black top.	
3708 K 4786	Hienghene.	20° 41.5' S 164° 56.8' E	Dir.Fl.W.R.G. period 4s	79	W. 6 R. 4 G. 4	White beacon; 10.	W. 187°30'-197°, R.-012°, G.-187°30'. Forms range 192° with beacon 600 meters NNE.
3708.2 K 4785.85	Touho, Passe de l' Est.	20° 46.1' S 165° 14.9' E	Fl.G. period 2s			Beacon.	
3708.3 K 4785.852	-SE.	20° 46.2' S 165° 15.1' E	Fl.R. period 2s			Beacon.	
3709 K 4785.6	Recif Maronu, off W. edge.	21° 09.3' S 165° 45.0' E	V.Q.(9)W. period 10s		5	W. CARDINAL YBY, articulated beacon, topmark.	
3709.5 K 4785.62	Passes Ouest de Houailou, Passe SE.	21° 08.7' S 165° 43.7' E	Fl.G. period 4s	20	4	STARBOARD (A) G, articulated beacon, topmark.	
3710 K 4785.72	Passe Est de Houailou, No. 4.	21° 15.9' S 165° 43.2' E	Fl.(2)R. period 6s	20	4	PORT (A) R, articulated beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW CALEDONIA							
3710.2 K 4785.66	Approaches to Koua, No. 5.	21° 18.2' S 165° 48.0' E	Fl.(3)G. period 12s	16 5	4	STARBOARD (A) G, articulated beacon, topmark.	
3710.4 K 4784.78	Baie de Kouaoua, No. 3.	21° 20.3' S 165° 50.5' E	Fl.(2)G. period 6s	20 6	4	STARBOARD (A) G, articulated beacon, topmark.	
3710.6 K 4784.9	Cap Begat.	21° 21.5' S 165° 52.6' E	Q.W.		7	Yellow mast, black top.	
3711 K 4784.8	Passe de Kouaoua Entrance Range, front.	21° 23.4' S 165° 49.1' E	Fl.(2)W. period 6s		6	Beacon.	
3711.1 K 4784.81	-Rear, 430 meters 212° from front.	21° 25.2' S 165° 47.9' E	Fl.(2)W. period 6s		6	Beacon.	Synchronized with front.
3712 K 4784.7	Baie Laugier Range, front.	21° 23.2' S 165° 52.6' E	Iso.W. period 4s		16	Beacon.	Intensified 127°-133°.
3712.1 K 4784.71	-Rear, 130° from front.	21° 23.5' S 165° 52.9' E	Iso.W. period 4s		16	Beacon.	Intensified 127°-133°. Synchronized with front.
3713 K 4784.63	Cap Dumoulin.	21° 23.3' S 165° 56.8' E	Q.(6)+L.Fl.W. period 15s		5	S. CARDINAL YB, articulated beacon, topmark.	
3714 K 4784.6	Recifs de Bogota.	21° 24.9' S 165° 59.2' E	V.Q.W.		7	Yellow mast, black top.	
3715 K 4784.33	Nakety, No. 1.	21° 29.4' S 166° 08.8' E	Fl.G. period 4s		4	STARBOARD (A) G, articulated beacon, topmark; 24.	
3716 K 4784.3	-No. 2.	21° 30.6' S 166° 10.3' E	Fl.R. period 4s	20 6	4	PORT (A) R, articulated beacon, topmark.	
3717 K 4783	Passe de Thio.	21° 32.0' S 166° 17.7' E	V.Q.(3)W. period 5s	20 6	7	E. CARDINAL BYB, articulated beacon, topmark.	
3718 K 4783.3	-Entrance.	21° 35.5' S 166° 15.1' E	Fl.(2)W. period 6s		5	ISOLATED DANGER BRB, articulated beacon, topmark; 24.	
3719 K 4784	-Range, front.	21° 36.7' S 166° 12.7' E	Dir.Fl.W. period 2.5s fl. 0.5s, ec. 2s	144 44	16	Pylon, white triangular daymark; 27.	Intensified 224°-230°.
3719.1 K 4784.1	--Rear, 395 meters 227° from front.	21° 36.8' S 166° 12.6' E	Dir.Fl.W. period 2.5s fl. 0.5s, ec. 2s	276 84	16	Pylon, white triangular daymark; 30.	Intensified 224°-230°. Synchronized with front.
3726 K 4788.5	Ilot Deverd.	20° 46.1' S 164° 19.3' E	Q.W.R.G.	39 12	W. 7 R. 4 G. 4	Tower; 32.	W. 226°-229°, G.-246°, R.- 104°30', W.-109°30', G.-226°.
3728 K 4788.75	Passe de Koumac.	20° 40.3' S 164° 14.9' E	Q.(3)W. period 10s	23 7		E. CARDINAL BYB, beacon, topmark.	
3728.2 K 4788.76	-Ilot Kendec.	20° 40.1' S 164° 15.2' E	Fl.G. period 2.5s fl. 0.5s, ec. 2s	23 7		STARBOARD (A) G, beacon, topmark.	
3728.4 K 4789	-Recif de l'Infernet.	20° 37.6' S 164° 15.3' E	Q.R.	13 4	2	PORT (A) R, beacon.	
3729 K 4788.6	Grand Recif Mathieu.	20° 45.0' S 164° 14.3' E	V.Q.W.	20 6	5	N. CARDINAL BY, beacon, topmark.	
3729.2 K 4788.65	Passe Deverd.	20° 44.8' S 164° 15.8' E	Fl.R. period 4s	20 6	4	PORT (A) R, beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
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NEW CALEDONIA

NORFOLK ISLAND:

3740 K 4528	Mount Pitt AVIATION LIGHT.	29° 01.0' S 167° 55.0' E	Al.FI.W.G. period 7.4s fl. 0.2s, ec. 3.5s fl. 0.2s, ec. 3.5s	1060 323	W. 28 G. 24		
			Oc.R. period 1.5s lt. 1s, ec. 0.5s	1066 325	11		

Section 4

North Island of New Zealand and Chatham Islands

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-CHATHAM ISLANDS							
3752 <i>K 4547</i>	Skirmish Bay (Kaingaroa).	43° 44.1' S 176° 14.5' W	Fl.(3)W. period 20s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 15s	191 58	9	Aluminum tower; 13.	
3756 <i>K 4547.4</i>	Kaingaroa Harbor Range, front.	43° 44.2' S 176° 15.4' W	Q.G.	60 18		Beacon, white triangular daymark, point up, orange stripe; 13.	
3760 <i>K 4547.41</i>	-Rear, 53 meters 169°33' from front.	43° 44.2' S 176° 15.4' W	Iso.G. period 4s	74 23		Beacon, white triangular daymark, point down, orange stripe; 13.	
3764 <i>K 4545</i>	Somes Point.	43° 50.0' S 176° 53.0' W	Fl.(4)W. period 15s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 8.5s	128 39	9	Aluminum tower; 13.	
3768 <i>K 4543</i>	Weeding Point.	43° 57.0' S 176° 34.0' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	190 58	7	Metal column; 10.	Lights are shown at Point Hanson jetty 1 km. E.
3772 <i>K 4541</i>	Durham Point.	44° 00.5' S 176° 40.8' W	Fl.W. period 10s fl. 1s, ec. 9s	125 38	9	Aluminum tower; 13.	Visible 350°36'-006°36', 008°18'-227°.
3776 <i>K 4547.7</i>	Owenga Range, front.	44° 01.8' S 176° 21.8' W	Q.G.	33 10		Beacon, white triangular daymark, point up, orange stripe; 7.	
3780 <i>K 4547.71</i>	-Rear, 33 meters 141°47' from front.	44° 01.8' S 176° 21.8' W	Iso.G. period 4s	46 14		Beacon, white triangular daymark, point up, orange stripe; 13.	
3782 <i>K 4549</i>	Cape Fournier.	44° 03.0' S 176° 20.0' W	Fl.(2)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	289 88	9	Aluminum tower; 13.	
NEW ZEALAND-NORTH ISLAND							
3792 <i>K 3686</i>	Cape Maria van Diemen.	34° 28.6' S 172° 38.7' E	Fl.(3)W. period 20s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 15s	297 91	9	White fiberglass tower; 10.	Visible 314°-130° and 146°-206°, obscured elsewhere.
3796 <i>K 3688</i>	Cape Reinga.	34° 25.6' S 172° 40.6' E	Fl.W. period 12s	542 165	19	White concrete tower; 33.	Visible 000°-011°, 013°-263°. Reserve light range 10M.
3800 <i>K 3690</i>	North Cape.	34° 24.8' S 173° 03.0' E	Fl.W. period 8s fl. 0.1s, ec. 7.9s	326 99	18	White concrete tower; 13.	Obscured shore-135°.
3804 <i>K 3690.4</i>	Perengarenga Harbor.	34° 31.0' S 172° 58.0' E	Fl.(2)W. period 5s fl. 0.3s, ec. 1s fl. 0.3s, ec. 3.4s	155 47	6	Orange square tower; 16.	
3808 <i>K 3690.6</i>	Cape Perpendicular.	34° 50.0' S 173° 10.0' E	Fl.W. period 4s fl. 0.3s, ec. 3.7s	318 97	6	Square beacon.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-NORTH ISLAND							
3812 K 3694	Cape Karikari.	34° 47.1' S 173° 23.8' E	Fl.(3)W. period 15s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 10.5s	194 59	10	White tower; 10.	
3813 K 3697.5	Albert Reef.	34° 55.2' S 173° 31.1' E	V.Q.(3)W. period 5s	13 4	2	E. CARDINAL BYB, beacon, topmark; 13.	
3817 K 3696.5	Mangonui Harbor. Cole Point.	34° 58.9' S 173° 31.7' E	Q.G.	10 3	5	STARBOARD (A) G, post, topmark; 10.	
3820	-Port Mangonui, wharf.	34° 59.0' S 173° 32.0' E	2 F.G. (vert.)	6 2	3	Metal post, red square daymark.	
3824 K 3699	Nukutaunga.	34° 59.0' S 173° 58.0' E	Fl.W. period 10s fl. 1s, ec. 9s	363 111	7	White metal tower; 13.	
3826 K 3698	S., head.	35° 01.0' S 173° 46.0' E	Fl.(2)W.R. period 12s fl. 1s, ec. 1s fl. 1s, ec. 9s	344 105	W. 6 R. 4	White metal column.	W. 121°-232°, R.-282°.
3828 K 3698.1	Kingfish Point, entrance to Whangaroa Harbor.	35° 01.0' S 173° 45.0' E	Fl.W. period 5s fl. 0.4s, ec. 4.5s	42 13	7	Post; 10.	
3829 K 3700.55	Motupapa Island.	35° 11.9' S 174° 03.0' E	Q.R.	10 3	2	PORT (A) R, beacon, topmark.	Channel marked by beacons.
BAY OF ISLANDS:							
3832 K 3700	-Russell, Fraser Rock, on summit.	35° 15.0' S 174° 07.0' E	Fl.W.R. period 6s fl. 0.7s, ec. 5.3s	43 13	W. 9 R. 8	Red concrete tower; 10.	W. 239°30'-229°30', R.- 239°30'.
3836 K 3700.5	The Brothers.	35° 11.9' S 174° 03.9' E	Q.(2)W. period 5s	16 5	5	ISOLATED DANGER BRB, pile, topmark; 16.	
3840 K 3701	-Waitangi.	35° 16.3' S 174° 05.0' E	Dir.W.R.G.	30 9	15	Gray pile beacon.	F.G. 211°12'-213°, Al.W.G.- 213°18', F.W.-214°36', Al.W.R.-215°06', F.R.- 216°36'.
3852 K 3703	Ti Point, Waitangi River entrance.	35° 16.0' S 174° 05.0' E	Q.G.		1	Metal beacon.	
3856 K 3702	-Government Wharf, head.	35° 16.0' S 174° 07.0' E	2 F.R. (vert.)	23 7	2	Post.	
3858 K 3704	-Taylor Island.	35° 16.6' S 174° 05.8' E	Fl.G. period 2.5s	10 3	5	Beacon, green triangular daymark.	
3862 K 3705.1	-Channel Range, front.	35° 18.3' S 174° 06.5' E	Q.W.	170 52	9	White and orange metal framework tower; 59.	
3864 K 3705.2	--Rear, 460 meters from front.	35° 18.5' S 174° 06.6' E	F.R. (neon)	276 84	8	Beacon, white triangular daymark; 20.	
3868 K 3705.4	--Beacon No. 1.	35° 15.8' S 174° 06.1' E	Fl.G. period 3s	16 5	3	Green beacon.	
3872 K 3705.5	--Beacon No. 2.	35° 15.8' S 174° 06.2' E	Fl.R. period 3s	16 5	3	Red beacon.	
3876 K 3705.6	--Beacon No. 3.	35° 16.6' S 174° 06.2' E	Fl.G. period 2.5s	16 5	3	Green beacon.	
3880 K 3705.7	--Beacon No. 4.	35° 16.6' S 174° 06.3' E	Fl.R. period 2.5s	16 5	3	Red beacon.	
3884 K 3706	--Beacon No. 5.	35° 17.9' S 174° 06.4' E	Fl.G. period 2.5s	13 4	3	Green beacon.	
3886 K 3707	--Beacon No. 6.	35° 18.2' S 174° 06.8' E	Q.R.		2		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-NORTH ISLAND							
3888	--Beacon No. 7.	35° 18.1' S 174° 06.5' E	Fl.G. period 2.5s	13 4	3	Green beacon.	
3904 K 3708	-Opua Wharf, head.	35° 18.7' S 174° 07.2' E	2 F.G. (vert.)	20 6	1	On shed.	
3904.1 K 3708.2	--Base.	35° 18.7' S 174° 07.3' E	2 F.G. (vert.)	20 6	1	Shed.	
3905 K 3708.3	--N.	35° 18.7' S 174° 07.2' E	Q.W.	16 5	2	N. CARDINAL BY, beacon, topmark.	
3906 K 3708.5	-Marina, outer breakwater, N. end.	35° 18.8' S 174° 07.3' E	Q.R.	13 4	1	Gray pile.	Breakwater marked by Q.R. lights.
3906.1 K 3708.9	--Inner breakwater, E. end.	35° 19.0' S 174° 07.3' E	Q.G.	13 4	1	Gray pile.	
3906.2 K 3708.93	-Ashby's breakwater, N.	35° 19.1' S 174° 07.2' E	2 F.G. (vert.)	10 3	1	Metal pile; 10.	
3906.3 K 3708.95	--S.	35° 19.1' S 174° 07.1' E	2 F.G. (vert.)	10 3	1	Metal pile; 10.	
3906.5 K 3707.8	Waikare Inlet.	35° 18.7' S 174° 07.9' E	Q.R.	13 4	2	PORT (A) R, pile, topmark; 13.	
3907 K 3710.05	Pakatahi Island.	35° 13.9' S 174° 12.1' E	Q.G.	7 2	2	STARBOARD (A) G, beacon, topmark; 6.	
3908 K 3710	-Beacon.	35° 14.0' S 174° 14.0' E	V.Q.(9)W. period 10s	10 3	2	W. CARDINAL YBY, topmark; 10.	
3912 K 3709	Cape Brett.	35° 10.5' S 174° 20.0' E	Fl.W. period 15s	479 146	17	White tower; 13.	Obscured 205°-212°30' by Piercy (Motuhokako) Island, over a greater arc when within 3 miles, and 106°- shore inside Bay of Islands. Old light structure (14m) close SW.
3914 K 3709.5	Hat Island.	35° 13.0' S 174° 15.2' E	Q.G.	13 4	2	STARBOARD (A) G, beacon, topmark; 6.	
3916 K 3710.1	Paramena Reef.	35° 14.0' S 174° 13.0' E	Q.(2)W. period 5s	16 5	2	ISOLATED DANGER BRB, topmark.	
3917 K 3710.2	Shag Rock.	35° 14.3' S 174° 14.2' E	Q.(9)W. period 15s	16 5	2	W. CARDINAL YBY, beacon, topmark; 13.	
3920 K 3711	Poor Knights Islands.	35° 27.0' S 174° 44.0' E	Fl.W. period 5s fl. 0.1s, ec. 4.9s	518 158	17	White metal tower; 13.	Visible 039°-317°.
3924 K 3712	South Gable.	35° 36.7' S 174° 32.8' E	Fl.W. period 10s fl. 0.1s, ec. 9.9s	302 92	19	White metal tower; 13.	Visible 166°-006°.
3925 K 3712.1	Tutukaka Harbor Range, front.	35° 37.0' S 174° 32.0' E	Fl.R. (neon) period 3s	10 3	5	Pile beacon, red square daymark; 7.	
3925.1 K 3712.11	-Rear, 175 meters 270°07' from front.	35° 37.0' S 174° 31.9' E	Fl.W. (neon) period 1.5s	23 7	5	Metal pile beacon, white square daymark; 3.	
3926 K 3712.12	-T1.	35° 36.9' S 174° 31.9' E	Q.G.		1	Wooden pile, green triangular daymark.	Channel marked by lighted beacons.
WHANGAREI HARBOR:							
3928	-Fairway Buoy.	35° 53.2' S 174° 33.1' E	L.Fl.W. period 10s			SAFE WATER RW, pillar, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-NORTH ISLAND							
3932 K 3713	-Bream Head.	35° 50.7' S 174° 34.9' E	Fl.(3)W. period 20s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 15s	563 172	10	White metal tower; 13.	Visible 170°-320° and 323°-326°30'.
3933 K 3716	-Marsden Point.	35° 50.3' S 174° 30.0' E	Dir.W.R.G. period 5s	72 22	W. 10 R. 7 G. 7	Metal framework tower, orange daymark.	Oc.G. 311°35'-319°05', Al.W.G.-320°05', W. phase increasing with bearing, Oc.W.-321°05', Al.W.R.-322°05', R. phase increasing with bearing, Oc.R.-329°35'.
3933.5 K 3716.699	-Sinclair Point Range, front.	35° 49.7' S 174° 28.8' E	Fl.W. period 2.5s	16 5	5	Yellow and white beacon.	
3934 K 3716.7	--Rear, 1400 meters 287° from front.	35° 49.5' S 174° 27.9' E	F.R. (neon)	26 8	5	Pile, orange rectangular daymark; 13.	Visible 200°-340°.
3936 K 3718.8	-Passage Islet, SW. extremity.	35° 50.0' S 174° 30.0' E	Fl.W. period 3s fl. 0.5s, ec. 2.5s	21 6	5	White concrete tower; 6.	Visible 278°-133°.
3937 K 3716.65	-Snake Bank.	35° 49.7' S 174° 29.1' E	Fl.G. period 4s	16 5	3	STARBOARD (A) G, beacon, topmark; 20.	
3939 K 3717.43	-Lort Point Beacon.	35° 49.9' S 174° 30.3' E	Fl.(2)W. period 5s fl. 0.2s, ec. 1.2s fl. 0.2s, ec. 3.4s	3 1	1	ISOLATED DANGER BRB, topmark; 7.	
3940 K 3717.45	-Passage Island.	35° 49.7' S 174° 29.8' E	Fl.(2)W. period 5s fl. 0.2s, ec. 1.2s fl. 0.2s, ec. 3.4s	7 2	1	ISOLATED DANGER BRB, topmark; 7.	
3941 K 3717.47	-Taurikura.	35° 49.7' S 174° 31.3' E	Fl.(2)W. period 5s fl. 0.2s, ec. 1.2s fl. 0.2s, ec. 3.4s	7 2	1	ISOLATED DANGER BRB, topmark; 7.	
3948 K 3717	-One Tree Point, E. of point.	35° 49.0' S 174° 28.0' E	F.R. period 5s fl. 1s, ec. 4s	16 5	7	4-pile beacon, red square daymark.	
3949 K 3718.759	-Whangarei Heads.	35° 49.0' S 174° 29.9' E	Fl.G. period 5s	13 4	1		Visible 066°-246°.
3950 K 3718.751	-Shoal Bay, S.	35° 49.0' S 174° 29.5' E	Q.(6)+L.Fl.W. period 15s	13 4	1	S. CARDINAL YB, beacon, topmark.	
3950.1 K 3718.755	--W.	35° 47.9' S 174° 28.2' E	Q.(9)W. period 15s	13 4	1	W. CARDINAL YBY, beacon, topmark.	
3950.2 K 3718.757	--E.	35° 48.0' S 174° 27.1' E	Q.(3)W. period 10s	13 4	1	E. CARDINAL BYB, beacon, topmark.	
3951 K 3717.4	-Lort Point Range, front.	35° 49.2' S 174° 28.3' E	F.G.	16 5	9	Concrete pile.	Visible 035°-195°.
3951.1 K 3717.41	--Rear, 1.65 miles 115°21' from front.	35° 49.8' S 174° 30.1' E	F.R.	59 18	9	Metal tower.	Visible 035°-195°.
3952 K 3719.2	-No. T1.	35° 48.0' S 174° 25.0' E	Q.G.	15 5	1	Pile, black triangular daymark.	
3964 K 3719	-Stevens Point.	35° 46.0' S 174° 23.0' E	Dir.F.W.R.G. (neon).	42 13	9	Metal framework tower, orange square daymark; 42.	G.309°36'-311°06', W.-311°36', R.-313°06'.
3972 K 3720	Ross.	35° 46.7' S 174° 23.3' E	Fl.(2)R. period 6s	20 6	5	PORT (A) R, beacon, topmark.	
3973 K 3720.8	Wellington Rock.	35° 46.6' S 174° 22.4' E	Iso.R. period 2s	16 5	4	PORT (A) Red, beacon, topmark.	Pile.
3976 K 3714	Marotiri, E. Island, E. end.	35° 53.2' S 174° 46.8' E	Fl.W. period 5s fl. 1s, ec. 4s	476 145	9	White metal tower; 10.	Partially obscured by islands of the Hen and Chickens group.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-NORTH ISLAND							
3980 <i>K 3715</i>	Taranga, island, W. side.	35° 58.0' S 174° 42.0' E	Fl.W. period 10s fl. 1s, ec. 9s	390 119	9	Metal column, white rectangular daymark; 10.	Visible 209°-227°30' and 324°-184° except where obscured by Sail Rock and Marotere Islands.
MANUKAU HARBOR:							
3981.1 <i>K 4116.1</i>	-Wairoa Channel, No. 1.	37° 00.9' S 174° 36.7' E	Q.(2)G. period 3s			STARBOARD (A) G, beacon, topmark.	Channel marked by lighted beacons.
MOKOHINAU ISLANDS:							
3984 <i>K 3734</i>	-Burgess Islet.	35° 54.4' S 175° 06.9' E	Fl.W. period 10s	400 122	19	White stone tower; 46.	Reserve light range 10M.
3988 <i>K 3735</i>	Sentinel Rock.	36° 05.0' S 174° 36.0' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	52 16	4	Column; 6.	
3992 <i>K 3736.6</i>	Cape Rodney.	36° 16.6' S 174° 49.3' E	Fl.(4)W. period 20s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 13.5s	173 53	8	White metal tower; 7.	Visible 127°30'-358°.
3996 <i>K 3737</i>	Leigh Harbor, Panetiki.	36° 18.0' S 174° 49.0' E	Fl.G. period 5s fl. 0.3s, ec. 4.7s	58 18	3	White post; 22.	Visible 193°30'-093°30'.
4000 <i>K 3736</i>	Motuhaku, summit.	36° 10.0' S 175° 18.0' E	Fl.W. period 15s fl. 1s, ec. 14s	389 119	9	White steel column; 13.	
4004 <i>K 3737.4</i>	Whangateau Harbor Entrance.	36° 19.2' S 174° 47.0' E	Q.G.	14 4	2	Black steel post, green triangular topmark.	
4006 <i>K 3738.3</i>	Maori Rock.	36° 22.9' S 174° 51.4' E	Fl.G. period 4s fl. 0.5s, ec. 3.5s	20 6	2	STARBOARD (A) G, beacon.	
4008 <i>K 3738.2</i>	Kawati Point, Kawan Island, N. end.	36° 23.7' S 174° 50.3' E	Iso.W.R. period 6s	112 34	W. 8 R. 6	White metal tower; 13.	W. 080°30'-096°12' (partially obscured 080°30'-083°30'), R.- 134°30', W.-221°42', R.-241°, W.-271°54', R.- 295°, obsc.-shore.
4010 <i>K 3738.4</i>	Pembles Island.	36° 24.5' S 174° 49.3' E	Fl.W. period 5s fl. 1s, ec. 4s	39 12	1	White pole; 7.	Partially obscured by trees 142°30'-244°30'.
4011 <i>K 3738.5</i>	North Cove.	36° 24.7' S 174° 49.2' E	Q.(9)W. period 15s	10 3	1	W. CARDINAL YBY, beacon, topmark.	
4011.5 <i>K 3738.68</i>	Half Tide Rock.	36° 23.8' S 174° 45.3' E	V.Q.(3)W. period 5s	10 3	2	E. CARDINAL BYB, beacon, topmark; 6.	
4012 <i>K 3738.7</i>	Matakana River, E. entrance.	36° 24.0' S 174° 45.0' E	Q.W.	12 4	5	White post; 13.	
4013 <i>K 3738.71</i>	-W. entrance.	36° 23.9' S 174° 44.5' E	Fl.R. period 3s	10 3	2	PORT (A) R, beacon, topmark.	
4014 <i>K 3738.64</i>	Mullet Point.	36° 26.1' S 174° 46.8' E	V.Q.W.	10 3	2	N. CARDINAL BY, beacon, topmark; 6.	
4016 <i>K 3738.6</i>	Dyson on Martello Rock.	36° 26.0' S 174° 48.0' E	Fl.(3)W.R. period 15s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 11.5s	25 8	W. 8 R. 6	White metal column; 10.	W. 018°42'-103°42', R.- 171°, W.-201°, R.- 342°18', W.-349°12', R.-018°42'.
4020 <i>K 3738</i>	Flat Rock, Kawau Island, E.	36° 27.0' S 174° 56.0' E	Fl.W. period 7s fl. 1s, ec. 6s	44 13	8	White tower, concrete base; 26.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-NORTH ISLAND							
4024 K 3739	Motuketekete.	36° 28.0' S 174° 49.0' E	Fl.W.R. period 10s fl. 1s, ec. 9s	112 34	W. 8 R. 5	White metal column; 10.	W. 140°18'-191°30', R.- 221°06', W.-009°30'.
4025 K 3739.5	Te Haupa Island.	36° 30.9' S 174° 44.8' E	Q.(6)+L.Fl.W. period 15s	10 3	2	S. CARDINAL YB, beacon, topmark.	
4028 K 3740	Tiritiri Matangi Island.	36° 36.4' S 174° 53.8' E	Fl.W. period 15s	300 91	18	White iron tower; 67.	
4032 K 3741	Huaroa Point.	36° 36.0' S 174° 50.0' E	Fl.W.R. period 5s fl. 1s, ec. 4s	121 37	W. 8 R. 5	White metal column; 13.	R. 092°30'-136°, W.- 345°30', except where obscured by island.
4032.5 K 3741.5	Hobbs Bay, Gulf Harbor Marina.	36° 37.6' S 174° 47.1' E	Fl.W.R. period 3s fl. 0.6s, ec. 2.4s	16 5	W. 5 R. 3	Metal mast; 13.	R.302°00'-326°48', W.- 025°06', R.-053°.
4032.6 K 3741.51	-Gulf Harbor Range, front.	36° 37.4' S 174° 47.4' E	Q.W.				
4032.61 K 3741.52	--Rear, 040° from front.	36° 37.4' S 174° 47.4' E	Q.W.				
4032.7 K 3741.81	-Marina Range, front.	36° 37.1' S 174° 47.4' E	Q.W.			Pole.	
4032.71 K 3741.82	--Rear, 025° from front.	36° 37.1' S 174° 47.4' E	Q.W.			Pole.	
4033 K 3741.6	Hobbs Bay, E. breakwater.	36° 37.7' S 174° 47.2' E	Oc.G. period 5s lt. 3s, ec. 2s	10 3	2	Metal post; 10.	
4034 K 3741.65	-W. breakwater.	36° 37.6' S 174° 47.2' E	Oc.R. period 5s lt. 3s, ec. 2s	10 3	2	Metal post; 10.	
4034.1 K 3741.71	-No. 1.	36° 37.7' S 174° 47.1' E	Q.G.	10 3	2	STARBOARD (A) G, beacon, topmark.	
4034.2 K 3741.72	-No. 2.	36° 37.6' S 174° 47.1' E	Q.R.	10 3	2	PORT (A) R, beacon, topmark.	
4035 K 3741.91	Long Bay Marine Reserve, NW.	36° 39.0' S 174° 43.6' E	Fl.(5)Y. period 20s	16 5	1	Pole.	
4035.3 K 3741.92	-NE.	36° 39.1' S 174° 44.7' E	Q.R.	7 2	1	PORT (A) R, beacon, topmark.	
4035.5 K 3741.93	-SW.	36° 41.8' S 174° 45.7' E	Fl.(5)Y. period 20s	16 5	1	Pole.	
4035.7 K 3741.94	-Tipau Point.	36° 42.7' S 174° 45.8' E	Q.(2)G. period 5s	7 2	1	STARBOARD (A) G, beacon, topmark.	
4036 K 3742	The Noises, on Maria Island.	36° 42.0' S 175° 00.0' E	Fl.(3)W.R. period 15s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 11.5s	124 38	W. 7 R. 4	White tower; 13.	W. 231°48'-279°12', R.- 289°30', W.-058°, R.- 231°48'.
4038 K 3742.2	Rakino Island, Little Sandy Point.	36° 43.6' S 174° 57.1' E	Fl.W. period 4s	125 38	3	Black column; 3.	Visible 333°-015°.
4039 K 3834.3	Motutapu Island, E. point.	36° 44.5' S 174° 56.1' E	Fl.G. period 2s	21 6	1	White post; 7.	
4044 K 3743	Wairau River.	36° 45.9' S 174° 45.9' E	Dir.F.W.R.G.	13 4	1	Column.	G. 265°48'-270°12', W.- 270°42', R.-275°12'.
AUCKLAND HARBOR:							
4046 K 3743.2	-Rahopara Point, Milford Reef.	36° 45.6' S 174° 46.4' E	Fl.G. period 5s	10 3	2	STARBOARD (A) G, beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-NORTH ISLAND							
4048 K 3744	-Rangitoto Island.	36° 47.0' S 174° 49.3' E	Fl.R. period 12s fl. 1.5s, ec. 10.5s	69 21	7	Red concrete tower, white bands.	
4051 K 3744.1	-Duder Spit Rock.	36° 47.6' S 174° 49.4' E	Q.(3)R. period 8s	7 2	1	PORT (A) R, beacon, topmark.	
4052 K 3745	-Approach.	36° 48.0' S 174° 47.0' E	Dir.Al.F.W.R.G.	75 23	W. 21 R. 17 G. 17	Metal column.	G. 213°30'-214°30', Al.G.W.-215°30', W.- 216°30', Al. W.R.- 217°30', R.-218°30'. Range 4M by day.
4056 K 3746	-Rangitoto Channel Range, front.	36° 50.0' S 174° 51.0' E	Fl.(2)W. period 4s fl. 0.4s, ec. 1s fl. 0.4s, ec. 2.2s	33 10	14	Concrete pile structure, red and white bands.	Range 4M by day.
4060 K 3746.1	--Rear, 1.5 miles 142°09' from front.	36° 50.7' S 174° 51.7' E	Dir.F.W.R.G.	26 8	W. 12 R. 11 G. 11	White pile, red square daymark.	F.G. 141°00'-141°30', F.W.- 142°48', F.R.-143°18'.
4064 K 3748	-Bean Rocks.	36° 50.0' S 174° 49.9' E	Fl.(3)W.R. period 8s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 3s	50 15	W. 14 R. 11	White iron framework structure.	R. 050°-070°, W.-086°, R.- 156°, W.-164°, R.-244°, W.-260°, R.-284°. Siren: 1 bl. ev. 60s (bl. 5s, si 55s)
4072 K 3756	-Okahu Point, Orakei Wharf, NE corner.	36° 51.0' S 174° 49.0' E	Oc.R. period 6s lt. 4s, ec. 2s	26 8	3	On tower.	
-Orakei Boat Harbor:							
4076 K 3758	--E. detached breakwater, E. head.	36° 50.7' S 174° 48.9' E	V.Q.(4)G. period 7s	12 4	2	Pile.	
4080 K 3758.2	--W. head.	36° 50.7' S 174° 48.5' E	V.Q.(4)R. period 7s	12 4	2	Pile.	
4084 K 3758.4	--W. detached breakwater, E. head.	36° 50.8' S 174° 48.5' E	V.Q.(4)G. period 7s	12 4	2	Pile.	
4088 K 3758.6	---W. head.	36° 50.9' S 174° 47.9' E	V.Q.(4)R. period 7s	12 4	2	Pile.	
4090 K 3759	--Hobson Point.	36° 51.1' S 174° 48.3' E	Fl.R. period 5s	10 3	2	Wooden pile, red square daymark; 10.	
4092 K 3766	--Victoria Wharf, middle of W. end.	36° 50.1' S 174° 47.7' E	2 F.R. (horiz.)	17 5			Lights 5 feet apart. F.R. on flagstaff on N. head 0.92 mile ENE. and on Mount Victoria signal station 0.48 mile NNE. Bell: (electric) sounds continuously during thick or foggy weather.
-Devonport:							
4096 K 3767	--Calliope Dock Pier, near extremity.	36° 50.0' S 174° 47.0' E	F.R.	22 7			
4097 K 3768	--Calliope South Wharf, SE corner.	36° 50.0' S 174° 47.1' E	2 F.R. (vert.)	36 11 30 9			
4098 K 3768.2	---SW. corner.	36° 50.0' S 174° 46.9' E	2 F.G. (vert.)	36 11			2 meters apart.
4105 K 3771	-Mechanics Bay, breakwater, head.	36° 50.8' S 174° 47.3' E	Oc.R. period 6s	16 5	3	Wooden pile.	
4106 K 3772	--Elbow.	36° 50.7' S 174° 47.3' E	V.Q.(2+1)G. period 6s	16 5	3	Wooden pile.	
4107 K 3773	-Compass Dolphin.	36° 50.6' S 174° 47.5' E	Fl.(2)W. period 4s	16 5	2	ISOLATED DANGER BRB, pile, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-NORTH ISLAND							
4108 K 3774	-Fergusson Container Terminal.	36° 50.4' S 174° 47.1' E	Fl.R. period 3s		39 12		Flashes for 3 minutes when vessels are underway in the commercial area. Siren: undulating sound reaching a maximum ev. 20s.
4128 K 3780	-Bledisloe Terminal, Berth No. 2.	36° 50.5' S 174° 46.6' E	Fl.R. period 3s				Flashes for 3 minutes when vessels are underway in the commercial area.
4146 K 3770	Bayswater Wharf Approach Channel, S. end.	36° 49.7' S 174° 46.0' E	Fl.R. period 3s		7 2	Metal pile, red square daymark; 20.	Channel marked by light beacons.
4147 K 3770.01	-No. 1.	36° 49.7' S 174° 46.0' E	Fl.G. period 3s		16 5	1 STARBOARD (A) G, beacon, topmark.	
4148 K 3770.03	-No. 2.	36° 49.5' S 174° 46.0' E	Fl.(2)R. period 5s		16 5	1 PORT (A) R, beacon, topmark.	
-Freemans Bay:							
4150 K 3797.2	--Viaduct Harbor, E. breakwater.	36° 50.4' S 174° 45.7' E	F.R.		16 5		
4151 K 3797.4	--W. breakwater.	36° 50.4' S 174° 45.7' E	F.G.		16 5		
4168 K 3798	--Wynyard Wharf Range, front.	36° 50.4' S 174° 45.4' E	F.R. (neon)		26 8	2 Shed, red triangular daymark, point up.	
4169 K 3798.1	---Rear, 55 meters 229°45' from front.	36° 50.7' S 174° 45.4' E	F.R. (neon)		43 13	2 Building, red triangular daymark, point down.	
-Westhaven Boat Harbor.							
4176 K 3800	--E. Entrance, E. side.	36° 50.2' S 174° 45.4' E	Oc.R. period 6s		10 3	5 Red beacon.	
4177 K 3818	---W. side.	36° 50.2' S 174° 45.2' E	Fl.G. period 5s		10 3	5 White concrete pillar.	Five F.W. on bulk cement jetty 0.2 mile S.
4178 K 3819	--S. Mole, off, head.	36° 50.3' S 174° 45.1' E	Oc.G. period 6s		10 3	6 Wooden pile, green triangular daymark.	
4179 K 3820	--W. Entrance, E. side.	36° 50.1' S 174° 44.9' E	Oc.R.		16 5	5 Wooden pile.	
4180 K 3822	---W. side.	36° 50.2' S 174° 44.9' E	Oc.G.		16 5	5 Wooden pile.	
4181 K 3829	-Harbor Bridge.	36° 49.7' S 174° 44.8' E	F.Y.G.R. (vert.)		161 49 151 46 141 43		On upstream and downstream sides of bridge. Aero.Q.R. and 5 F.R. lights mark top of bridge. Horn: (120 meters SSW.) 2 bl. ev. 8s.
4182 K 3832	Kauri Point.	36° 49.4' S 174° 42.2' E	F.G.		10 3	2 White tower on metal pile; 10.	
4184 K 3847	Browns Island, off N. side.	36° 49.5' S 174° 53.9' E	Fl.W.R. period 4s fl. 1s, ec. 3s		32 10	W. 6 R. 4	Yellow metal tripod tower. R. 060°-082°, W.-096°, R.-217°, W.-222°, R.-274°, W.-287°, R.-351°, Obsc.-060°. Radar reflector.
4188 K 3847.5	Iliomoana Rock.	36° 48.5' S 174° 53.2' E	Q.W.R.		7 2	W. 5 R. 3	Black and white structure. R. 062°-249°30', W.-062°. Radar reflector.
4192 K 3845	Motuihe Wharf, extension, head.	36° 48.0' S 174° 56.0' E	Q.W.		14 4		
4193 K 3845.1	Motuihe channel.	36° 47.8' S 174° 56.2' E	Fl.R. period 3s		10 3	1 PORT (A) R, beacon, topmark.	
4193.1 K 3845.2	Motuike Island, E. point.	36° 48.6' S 174° 57.7' E	Q.(3)W. period 10s		7 2	1 E. CARDINAL BYB, beacon, topmark.	

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NEW ZEALAND-NORTH ISLAND							
4194 K 3845.25	Emu Point.	36° 47.8' S 174° 54.9' E	V.Q.(6)+L.FI.W. period 10s	10 3	2	S. CARDINAL YB, beacon, topmark.	
4196 K 3845.4	Matiatia Bay.	36° 46.9' S 174° 59.5' E	Dir.Oc.W.R.G. period 6s	66 20	3	White metal structure.	G. 074°24'-076°24', W.- 077°54', R.-079°54'.
4204 K 3846	Putiki Bay.	36° 48.8' S 175° 01.3' E	Fl.W.R. period 10s fl. 1s, ec. 9s	65 20	W. 7 R. 5	White metal post; 10.	R. 226°-301°30', W.- 076°48', R.-102°30'. Obscured by Park Point 093°-096°18'.
4208 K 3850.55	Maraetai, S. breakwater, head.	36° 52.5' S 175° 02.3' E	Q.R.	7 2	3		Q.G. 2m 3M marks head of N. breakwater.
4212 K 3848	Tamaki, W. head.	36° 51.0' S 174° 53.0' E	Mo.(N)W.R. period 6.5s	16 5	W. 7 R. 5	Pile, white triangular daymark, red and white bands.	W. 103°42'-323°42', R.- 103°42.
4216 K 3848.5	-E. side.	36° 50.8' S 174° 53.7' E	Q.R.	13 4	2	PORT (A) R, beacon, topmark.	
4220 K 3846.5	Musick Point.	36° 50.7' S 174° 54.0' E	Oc.R. period 6s	13 4	3	PORT (A) R, beacon, topmark.	
FIRTH OF THAMES:							
4224 K 3852	-Sandspit Passage.	36° 54.0' S 175° 11.0' E	Fl.W.R. period 2s fl. 0.5s, ec. 1.5s	21 6	W. 7 R. 4	White metal column on wooden piles; 19.	W. 091°18'-124°, R.- 287°48', W.-003°18', R.- 000°. Obscured by Ponui Island 139°-277°.
4228 K 3850.6	-Passage Rock.	36° 51.0' S 175° 08.0' E	Fl.(2)W. period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 8s	45 14	8	White metal tower; 3.	
4232 K 3851	-Pakatoa Island, NW. end of wharf.	36° 47.7' S 175° 11.3' E	2 F.R. (vert.)	13 4	2	Gray metal mast.	
4235 K 3853	-Wharekawa Quarry, N. end of channel.	37° 03.8' S 175° 18.0' E	Q.G.	20 6	3	Post on concrete pier; 10.	
4235.5 K 3854	-S. end of channel.	37° 03.8' S 175° 18.0' E	Q.R.	26 8	3	On shipwreck; 13.	
4235.7 K 3855	-Kaiaua Boat Ramp.	37° 06.6' S 175° 18.1' E	F.W.	10 3	2	Grey metal pole; 10.	
4236 K 3856	-Piako River entrance.	37° 10.1' S 175° 29.7' E	Fl.W.R. period 3s	10 3	W. 5 R. 3	Red pile beacon.	W. 138°24'-153°48', R.- 346°36', W.-002°48', R.-138°24'.
-Waihou River:							
4240 K 3868	--Outer Channel, N. side.	37° 09.0' S 175° 31.0' E	Fl.R. period 5s fl. 0.6s, ec. 4.4s	16 5	3	Red pile beacon.	F.W. marks passage through Hauraki Bridge 3.3 miles SE.
4244 K 3860	--Kauaeranga Channel, sewer outfall, outer end.	37° 08.0' S 175° 31.0' E	Fl.R. period 15s	13 4	3	Piles, white square structure; 14.	
4248 K 3862	--Kauaeranga Channel, N. side, No. 6.	37° 09.0' S 175° 32.0' E	Q.R.	13 4	3	Red beacon.	
4252 K 3864	--Kauaeranga Channel, E. side, No. 8.	37° 08.8' S 175° 32.2' E	Q.R.	13 4	3	Red beacon.	
4256 K 3874	--Turua, Hauraki, sawmill wharf.	37° 08.9' S 175° 32.5' E	F.W.	20 6	5		
4260 K 3878	Coronandel Harbor.	36° 48.3' S 175° 24.1' E	L.FI.W. period 8s fl. 2s, ec. 6s	108 33	9	Square concrete tower; 10.	
4262 K 3879.5	-Sugarloaf Ramp Point.	36° 48.3' S 175° 28.3' E	Fl.W. period 20s	39 12	3	Pile; 20.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-NORTH ISLAND							
4263 K 3879.8	-Whangarahi Stream.	36° 46.0' S 175° 29.0' E	Fl.(3)G. period 20s	26	8	2 STARBOARD (A) G, pole, topmark; 26.	
4264 K 3880	-Wharf, head.	36° 46.0' S 175° 29.0' E	F.R.				
4266 K 3880.5	-Little Passage.	36° 46.2' S 175° 27.4' E	Fl.(3)G. period 10s	26	8	2 STARBOARD (A) G, pole, topmark; 26.	
4268 K 3879	Tekouma Head, S. end.	36° 49.0' S 175° 25.0' E	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	128	39	5 Metal column; 13.	
4272 K 3882	Channel Island.	36° 25.3' S 175° 19.9' E	Fl.(2)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 9s	260	79	9 White metal tower; 13.	
4276 K 3736.2	Tryphena Point.	36° 19.1' S 175° 28.8' E	Fl.(3)W. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 2.5s	85	26	4 White metal column; 10.	
4280 K 3888	Port Charles.	36° 31.0' S 175° 29.0' E	Fl.(4)W. period 20s	510	155	9 Metal column; 13.	
4284 K 3886	Cuvier Island.	36° 26.3' S 175° 47.2' E	Fl.W. period 15s	390	119	19 White metal tower; 49.	Obscured 086°-129° within 8M, obscured off Cape Colville when bearing more than 089°. Reserve light range 10M.
4288 K 3892	Ohinau Island, near W. point.	36° 43.7' S 175° 52.8' E	Fl.W. period 5s	346	105	9 White round metal tower; 10.	
4292 K 3890	Old Man Rock.	36° 43.0' S 175° 51.0' E	Fl.W. period 2s fl. 0.4s, ec. 1.6s	211	64	8 Concrete base.	
4296 K 3893	Whitianga, entrance.	36° 49.8' S 175° 42.8' E	Fl.W.R. period 3s	99	W. R. 30	7 White post; 16. 4	W. 060°-239°, R.-246°, W.- 301°24'. Partially obscured by Motukorure Island.
4300 K 3896	Slipper Island, E. side.	37° 02.8' S 175° 57.2' E	Fl.(2)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	338	103	9 White tower; 13.	Visible 044°-056°, 092°- 125°, and 148°30'- 041°.
4304 K 3897	Whangamata Entrance Range, front.	37° 12.0' S 175° 53.0' E	F.R. (neon)	33	10	Gray concrete post.	
4308 K 3897.1	-Rear, 18 meters 288°17' from front.	37° 12.3' S 175° 52.7' E	F.R. (neon)	39	12	Gray concrete post.	
4309 K 3897.2	-Outer.	37° 12.2' S 175° 53.0' E	Q.G.	10	3	2 STARBOARD (A) G, beacon, topmark.	
4310 K 3897.3	-Inner.	37° 12.1' S 175° 52.8' E	Q.G.	10	3	1 STARBOARD (A) G, beacon, topmark.	
4312 K 3898	Mayor Island, S. extremity.	37° 18.5' S 176° 15.6' E	Fl.(3)W.R. period 15s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 11.5s	99	W. R. 30	7 White steel column; 13. 4	W. 236°-248°30', R.- 274°30', W.-094°24'.
TAURANGA HARBOR:							
4316 K 3899	-The Mount.	37° 38.0' S 176° 10.0' E	Fl.W. period 15s	264	80	24 White square concrete structure; 13.	Visible 132°-311°30'. F.R. 0.2 mile S.
4318 K 3899.05	-Beacon A.	37° 36.2' S 176° 10.7' E	V.Q.(3)W. period 5s	46	14	6 E. CARDINAL BYB, topmark.	Radar reflector.
4320 K 3899.1	-North Rock.	37° 37.5' S 176° 10.5' E	Fl.W.R. period 3s	36	W. R. 11	3 Red steel standard on concrete base; 16. 2	R. 273°-003°, W. elsewhere.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-NORTH ISLAND							
4328 <i>K 3899.4</i>	-No. 1 Reach Range, front.	37° 38.0' S 176° 09.5' E	F.G. (neon)	36		White rectangular daymark, black stripe, on beacon; 43.	
	-Cutter Channel, outbound, 298°15'.		Dir.W.R.G.	39 12	W. 6 R. 4 G. 4		F.G. 292°30'-293°, Al.W.G.- 298° (W. phase increasing with bearing), F.W.-298°30', Al.W.R.- 303°30', (R. phase increasing with bearing), F.R.-305°30', Iso.R.- 307°30'.
	--209°.		Dir.W.R.G.	39 12			Al.W.G. 207°15'-208°08', F.W.-209°53', Al.W.R.- 210°45' (Directional approach light operated on request only, contact Port of Tauranga).
4332 <i>K 3899.41</i>	--Rear, 252 meters 209° from front.	37° 38.1' S 176° 09.4' E	F.G. (neon)	56 17		Beacon, white trapezoidal daymark, black stripe.	F.R. (neon) close NW. and 0.14 mile NNE. in line 217° mark E. boundary of No. 1 Reach dredged channel.
4336 <i>K 3899.2</i>	-Northwest Rock.	37° 38.0' S 176° 10.0' E	Fl.W. period 2s fl. 0.3s, ec. 1.7s	31 9	5	White column, wooden base, red bands; 13.	
4340 <i>K 3899.7</i>	-No. 2 Reach Range, front.	37° 39.0' S 176° 10.0' E	Iso.G. period 2s	36 11	6	Concrete pile beacon, white triangular daymark.	
			Q.W.R.G.	13 4	8	Same structure.	G. 177°30'-179°42', W.- 180°12', R.-187°30'.
4344 <i>K 3899.8</i>	--Rear, 752 meters 180°10' from front.	37° 39.4' S 176° 09.8' E	Dir.W.R.G.	16 5		Metal tripod, concrete base, orange triangular daymark; 49.	F.G. 175°12'-175°54', Al.W.G.-179°54' (W. phase increasing with bearing), F.W.-180°24', Al.W.R.- 184°24' (R. phase increasing with bearing), F.R.-185°12'.
4348 <i>K 3900</i>	-Stoney Point.	37° 38.3' S 176° 10.1' E	Q.(2)R. period 3s	20 6	4	PORT (A) R, beacon, topmark; 3.	
4352 <i>K 3900.4</i>	-Beacon No. 1.	37° 38.4' S 176° 10.2' E	V.Q.(9)W. period 10s	16 5		W. CARDINAL YBY, beacon, topmark.	
4364 <i>K 3903</i>	--No. 7.	37° 38.5' S 176° 10.6' E	Q.(6)+L.Fl.W. period 15s	13 4	4	S. CARDINAL YB, beacon, topmark.	
4366 <i>K 3904</i>	-Salisbury Ferry Jetty, elbow.	37° 38.5' S 176° 10.8' E	F.W.R. (vert.)	30 9 26 8	2	Mast.	Visible 358°-133°.
4368 <i>K 3904.1</i>	-Tug Berth Jetty, head.	37° 38.6' S 176° 10.8' E	2 F.Y. (vert.)				
4377 <i>K 3904.3</i>	--Cutter Channel.	37° 38.8' S 176° 11.0' E	F.G. (neon)	128 39		Lattice tower, triangular daymark, point down.	
4381 <i>K 3904.5</i>	-Mount Maunganui Wharf, N. end.	37° 38.6' S 176° 10.9' E	2 F.G. (vert.)	23 7	5		
4382 <i>K 3905.1</i>	--Ro Ro berth.	37° 39.1' S 176° 11.0' E	2 F.R. (vert.)				
4383 <i>K 3907</i>	--S. end.	37° 39.6' S 176° 10.9' E	2 F.Y. (vert.)	33 10 26 8	2	Column.	Visible 008°-188°.
4392 <i>K 3919</i>	-Western Channel, Hunters Creek.	37° 38.5' S 176° 07.9' E	Q.(2+1)G. period 6s	23 7	5	PREFERRED CHANNEL (A) GRG, beacon, topmark.	Western channel marked by lighted buoys and beacons.
4394 <i>K 3920.6</i>	-W. Otumoetai.	37° 39.1' S 176° 08.8' E	Q.(9)W. period 15s	10 3	2	W. CARDINAL YBY, beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-NORTH ISLAND							
4396 K 3906	-The Leaner, No. 19.	37° 39.5' S 176° 10.6' E	Q.(2+1)G. period 6s fl. 0.3s, ec. 2.7s			5 PREFERRED CHANNEL (A) GRG, beacon, topmark.	Marks entrance to Otumoetai channel, marked by lighted beacons.
4397.5 K 3920.21	--Marina Fuel Pier.	37° 39.7' S 176° 09.9' E	3 F.R. (vert.)	18 5	2		One meter apart.
4398 K 3920.35	-Otumoetai Channel, beacon C.	37° 39.7' S 176° 09.8' E	Q.(2+1)R. period 6s			PREFERRED CHANNEL (A) RGR, beacon, topmark.	Visible 249°30'-118°.
4399 K 3911	-Tanker Berth, N. end.	37° 40.0' S 176° 10.8' E	F.W.Y. (vert.)				
4400 K 3911.1	--S. end.	37° 40.0' S 176° 10.8' E	F.W.G. (vert.)				
4401 K 3912	-Butters Crane Landing.	37° 40.2' S 176° 10.8' E	F.R.W. (vert.)	20 6		Beacon.	F.R. lights on chimneys 0.1 mile NE.
4402 K 3916	-Mission Point Slipway.	37° 40.6' S 176° 10.3' E	3 F.G. (vert.)			Pile.	
4403 K 3917	-Coronation Pier.	37° 41.1' S 176° 10.3' E	F.W.	20 6			
4408 K 3922	Motiti Island.	37° 36.0' S 176° 25.0' E	Fl.(2)W. period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 8s	206 63	8	White steel column; 12.	
4409 K 3924	Whakatane AVIATION LIGHT.	37° 55.6' S 176° 55.2' E	Fl.W. period 3.7s	46 14	15		Occasional.
4428 K 3929	Cape Runaway.	37° 32.3' S 177° 59.1' E	Fl.W. period 5s fl. 1s, ec. 4s	187 57	9	White fiberglass tower; 10.	
4432 K 3930	Matakaoa Point.	37° 33.0' S 178° 19.0' E	Fl.(4)W. period 20s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 13.5s	67 20	8	White square metal tower; 13.	Visible 105°-303°.
4436 K 3932	East Cape.	37° 41.4' S 178° 32.9' E	Fl.W. period 10s	505 154	19	White round iron tower; 46.	Visible 140°-146° and 153°-026°, except where obscured by East Island. Reserve light range 10M.
4456 K 3950	Gable End Foreland.	38° 31.5' S 178° 17.4' E	Fl.W. period 15s fl. 0.1s, ec. 14.9s	689 210	19	White metal tower; 13.	
4460 K 3954	Tuaheni Point.	38° 42.2' S 178° 04.0' E	L.Fl.W. period 8s fl. 2s, ec. 6s	420 128	10	White metal column; 13.	
GISBORNE:							
4464 K 3958	-W. of Turanganui River on Waikanae Beach Range, front.	38° 40.5' S 177° 59.3' E	F.G. (neon)	40 12	7	Steel latticework tower, orange triangular daymark, point up, black stripe; 33.	
4468 K 3958.1	--Rear, 400 meters 332°06' from front.	38° 40.3' S 177° 59.1' E	F.G. (neon)	69 21	7	Steel latticework tower, orange triangular daymark, point down, black stripe; 69.	AERO Fl.W. 5s (occas.) 0.6 mile N.
4472 K 3962	-S. breakwater, head.	38° 41.0' S 178° 01.0' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	20 6	4	Green metal tower.	Visible 349°-236°.
4473 K 3962.15	-Butlers Wall, S. end.	38° 40.6' S 178° 01.2' E	Fl.R. period 3s	20 6	4	Red tubular structure; 13.	
4476 K 3966	-Entrance Channel Range, front.	38° 40.4' S 178° 01.6' E	F.W.R.G.	23 7		Black steel tower, orange triangular daymark, point up, black stripe; 23.	R. 043°06'-050°30' over Tokomaru Rock, W.-052°54', G.-056°06', R.-064°42', W.-068°30'.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-NORTH ISLAND							
4480 K 3966.1	--Rear, 270 meters 054°31' from front.	38° 40.3' S 178° 01.8' E	F.G. (neon)		35 11	Black steel tower, orange triangular daymark, point down, black stripe; 36.	
4484 K 3969	Table Cape.	39° 06.4' S 177° 59.9' E	Fl.(3)W. period 20s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 15s		615 187	9 White round tower; 10.	May be obscured 028°-031° by Portland Island.
4488 K 3970	Portland Island, S. extremity.	39° 18.2' S 177° 52.0' E	Fl.W. period 15s fl. 1s, ec. 14s		318 97	9 White square tower; 26.	
NAPIER:							
4496 K 3986	-AVIATION LIGHT.	39° 26.0' S 176° 52.0' E	Oc.R. period 1.5s		26 8		Obstruction. Occasional.
4506 K 3982.8	-Westshore.	39° 27.5' S 176° 52.3' E	Fl.W.R.G. period 10s fl. 0.3s, ec. 9.7s		49 15	W. 16 R. 13 G. 13	White metal tower; 43. W. 228°-248°, R.-272°, G.-278°18', F.G. 278°15'-279°30', F.W.-280°30', F.R.-281°45', R. 281°36'-287°36'.
			Dir.F.W.R.G.			Same structure.	Daytime range 4M.
4516 K 3984	-Inner harbor, on E. pier.	39° 28.8' S 176° 53.7' E	Dir.W.R.G.		33 10	11 Blue hut; 13.	G. 202.1°-204.4°, W.-205.6°, R.-209.6°.
			Iso.R. period 4s		33 10	6 Same structure.	Range 3M by day.
4517 K 3984.1	--W. entrance.	39° 28.7' S 176° 53.7' E	Fl.(5)G. period 20s		13 4	4 STARBOARD (A) G, beacon; 7.	
4520 K 3982.5	Napier Approach.	39° 28.8' S 176° 54.5' E	Dir.W.R.G.Y.		23 7	11 White tower; 13.	Y. 179°-181°, G.-182°, W.-184°, R.-189°. Range 2M by day.
4524 K 3984.4	-Inner Harbor.	39° 29.2' S 176° 53.6' E	Dir.W.R.G.		20 6	7 Yellow metal tower, yellow diamond daymark; 19.	G. 186.8°-191.5°-W.-191.9°-R.-196.6°. Range 1M by day.
4536 K 3983	-Breakwater Harbor, front.	39° 28.6' S 176° 54.8' E	F.R. (neon)		36 11	Red triangular daymark, point up.	
4540 K 3983.1	--Rear, 335 meters 168° from front.	39° 28.3' S 176° 54.8' E	F.R. (neon)		56 17	Red triangular daymark, point down.	
4541 K 3982.7	-Range, front.	39° 28.5' S 176° 54.7' E	F.Bu. (neon)		33 10	1	
4542 K 3982.71	--Rear, 100 meters 171° from front.	39° 28.5' S 176° 54.7' E	F.Bu. (neon)		62 19	1	
4552 K 3983.2	-Breakwater, N. end.	39° 28.2' S 176° 55.2' E	V.Q.(2)W. period 5s fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 4.1s		39 12	5 White mast; 30.	
4554 K 3983.3	--Mole, head.	39° 28.3' S 176° 54.9' E	Oc.R. period 3s lt. 2.5s, ec. 0.5s		30 9	4 White metal tower; 23.	
4554.1 K 3983.25	--Tower.	39° 28.5' S 176° 55.3' E	F.Bu. (neon)		112 34	1 Floodlit.	
4555 K 3983.15	--Inner.	39° 28.5' S 176° 55.3' E	Dir.W.R.G.		92 28	2 Tower. Floodlit.	F.G. 094°-102°, Al.W.G.-107°, F.W.-116°, Al.W.R.-121°, F.R.-129°.
4556 K 3990	-N. of Tukituki River Range, front.	39° 35.0' S 176° 56.0' E	F.R. (neon)		23 7	10 Pile, orange triangular daymark, point up.	Marks submarine pipeline.
4560 K 3990.1	--Rear, 175 meters 245°49' from front.	39° 35.4' S 176° 56.2' E	F.R. (neon)		23 7	10 Pile, orange triangular daymark, point up.	

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NEW ZEALAND-NORTH ISLAND							
4564 K 3992	Cape Kidnappers.	39° 39.0' S 177° 06.0' E	Fl.(2)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	367 112	8	Steel tower, white square; 13.	
4568 K 3993	Blackhead Point.	40° 13.2' S 176° 47.2' E	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	134 41	9	White metal tower; 13.	
4572 K 3994	Castle Point.	40° 54.0' S 176° 14.0' E	Fl.(3)W. period 30s fl. 0.3s, ec. 2s fl. 0.3s, ec. 2s fl. 0.3s, ec. 25.1s	170 52	26	White tower; 75.	Visible 209°-029°. Reserve light.
4576 K 3998	Honeycomb Rock.	41° 20.7' S 175° 49.3' E	L.Fl.W. period 10s fl. 2s, ec. 8s	186 57	10	White daymark on white column; 13.	
4580 K 4000	Cape Palliser.	41° 36.7' S 175° 17.4' E	Fl.(2)W. period 20s	256 78	26	White metal tower, red bands, concrete base; 59.	Reserve light range 10M.
WELLINGTON HARBOR:							
4584 K 4004	-Baring Head.	41° 24.5' S 174° 52.2' E	Oc.W. period 15s lt. 9s, ec. 6s	286 87	10	White concrete tower; 40.	Visible 301°-169°.
4588 K 4006	-Pencarrow Head.	41° 21.6' S 174° 50.8' E	Fl.(3)W.R. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	60 18	W. 16 R. 13	White tower, concrete base; 56.	W. 000°30'-079°, W. (intens.)-081°, R. (intens.)-088°, R.-176°30', W.-187°30'.
4592 K 4010	-Range, front, E. side of entrance channel.	41° 19.2' S 174° 51.3' E	Q.W.	23 7	21	White round tower, black metal structure.	Emergency light 16M.
4596 K 4010.1	-Hope Shoal , rear, 1.34 miles 016°24' from front.	41° 17.8' S 174° 51.8' E	Iso.W.R.G. period 4s	56 17	W. 22 R. 8 G. 11	Steel cylinder, orange and yellow stripes.	W. (intens.) 014°-019°, W.-119°, W. (intens.)-120°, G. (intens.)-129°, G.-180°, W. (intens.)-215°, R.-355°, W.-014°. Iso.W. 4s 4M by day, intens. 014°-019° on request.
4600 K 4013	-Seatoun Wharf.	41° 19.0' S 174° 50.0' E	F.R. (neon)	19 6		Post; 11.	
4604 K 4011	-Steeple Rock.	41° 19.5' S 174° 50.7' E	Iso.W.R. period 6s	23 7	W. 9 R. 8	White round tower, red band.	W. 133°-190°, R.-015°.
4606 K 4012	-Falcon Shoals.	41° 18.3' S 174° 51.0' E	Fl.R. period 3s	20 6	3	Red mast on black and white pile.	
4608 K 4054	-Days Bay, wharf, head.	41° 16.8' S 174° 54.3' E	F.W.G. (vert.)	23 7			
4612 K 4055	-Seaview Wharf, S. end, head.	41° 16.0' S 174° 54.0' E	2 F.G. (vert.)			Dolphin.	
4616 K 4056	-Howard Point, wharf, head.	41° 15.0' S 174° 54.0' E	F.G.R. (vert.)				
4617 K 4057.2	--Entrance, N.	41° 15.1' S 174° 54.1' E	Q.(2)R. period 5s			Wooden pile; 7.	
4617.1 K 4057.4	---S.	41° 15.1' S 174° 54.1' E	Q.(2)G. period 5s			Wooden pile; 6.	
4618 K 4057.5	-Seaview Marina, outer breakwater, head.	41° 15.1' S 174° 54.1' E	Q.(2)G. period 5s	16 5	2	Wooden mast; 13.	
4619 K 4057.6	--Inner breakwater, head.	41° 15.1' S 174° 54.1' E	Q.(2)R. period 5s	16 5	2	Wooden mast; 13.	Visible 071°42'-326°24'.
4619.1 K 4057	---Elbow.	41° 15.0' S 174° 54.0' E	Fl.W. period 5s fl. 0.3s, ec. 4.7s	16 5	4	Wooden mast; 13.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-NORTH ISLAND							
4620 K 4014	-Somes Island.	41° 15.6' S 174° 51.8' E	L.F.I.W. period 10s fl. 4s, ec. 6s	95 29	7	White tower.	Visible 314°-107°. F.R. 2.5 miles NW. R. lights on radio tower 4.2 miles NW.
4624 K 4058	-Petone, wharf, head.	41° 14.0' S 174° 52.0' E	2 F.R. (vert.)	29 9 23 7	4		
-Lambton Harbor, Wellington:							
4635 K 4045	--Thorndon Container Terminal, off SE. end.	41° 17.0' S 174° 47.4' E	Oc.G. period 3s	20 6		Pile beacon.	Radar reflector.
4637 K 4047	---SE. end, outer.	41° 16.9' S 174° 47.4' E	F.R.				
4639 K 4043	---Off SW. corner.	41° 16.9' S 174° 47.1' E	F.G. (neon)	20 6		Pile beacon.	
4653 K 4053	--Berthing.	41° 16.0' S 174° 47.3' E	Q.R.	33 10	3	White metal mast; 19.	
4654 K 4052.2	--No. 2.	41° 16.0' S 174° 47.3' E	F.R.	10 3	3		
4668 K 4032	--Chaffers Marina.	41° 17.3' S 174° 47.0' E	Fl.R. period 5s		3	Wooden pile on floating breakwater.	
4669 K 4032.1	---S.	41° 17.3' S 174° 47.0' E	Fl.G. period 5s	10 3	3	Wooden pile.	
4682 K 4022	-Evans Bay, 184°30'.	41° 19.0' S 174° 48.4' E	Dir. Iso.W.R.G. period 4s	26 8	4	Gray pole; 16.	G. 180°-182°, W.-187°, R.- 189°.
4684 K 4019.6	--	41° 18.6' S 174° 48.4' E	Q.G.	10 3	5	Black pile beacon.	
4686 K 4021.4	--Breakwater, head.	41° 18.8' S 174° 48.0' E	Q.G.	10 3	2	Pile.	
4688 K 4024	-Jerningham Point, on N. extremity of point.	41° 17.1' S 174° 48.2' E	Q.R.	20 6	5	White beacon; 13.	
4692 K 4021	-Miramar Wharf, outer end.	41° 19.0' S 174° 49.0' E	2 F.R. (vert.)	29 9 23 7			
4696 K 4021.4	-Marina entrance.	41° 19.0' S 174° 48.0' E	Q.R.				Pile beacon.
4704 K 4020	-Burnham Wharf, middle of N. end.	41° 19.0' S 174° 49.0' E	2 F.G. (vert.)	29 9 23 7			
4708 K 4018	-Point Halswell.	41° 17.1' S 174° 49.5' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	26 8	15	Concrete beacon, black and white checks; 19.	Visible 070°-284°. Red light on mast 0.67M SSE.
4714 K 4061	Island Bay Range, front.	41° 20.7' S 174° 46.3' E	F.R.				Occasional.
4715 K 4061.1	-Rear, about 25 meters 012°18' from front.	41° 20.6' S 174° 46.3' E	F.R.				Occasional.
4717 K 4062.1	Tongue Point.	41° 20.5' S 174° 39.6' E	Fl.W.R. period 4s	144 44	W. 9 R. 6	White metal tower; 13.	R. 297°-24'-012°, W.- 139°-18'. fl 0.8
4720 K 4063.4	Oteranga Bay, cable area N. limit.	41° 17.8' S 174° 37.0' E	L.Fl.W.R. period 20s	82 25	W. 8 R. 5	Orange stripe on beacon, white triangular daymark, point up.	R. 017°-107°, W.-197°.
4724 K 4063	-S. limit.	41° 19.2' S 174° 38.0' E	Fl.(3)W.R. period 20s fl. 1.5s, ec. 0.5s fl. 1.5s, ec. 0.5s fl. 1.5s, ec. 14.5s	295 90	W. 7 R. 4	Orange stripe on beacon, white triangular daymark, point up.	W. 328°-058°, R.-148°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-NORTH ISLAND							
4728 K 4066.2	Ohau Point.	41° 14.6' S 174° 38.7' E	Fl.(2)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	340 104	8	White metal tower; 13.	Visible 094°-shore at Makara Bay.
4732 K 4067	Paraparaumu Airport AVIATION LIGHT.	40° 54.0' S 174° 59.0' E	Fl.W. period 3.5s	80 24	15	Beacon.	Shown from sunset to 2200. A F.R. light is occasionally shown from a water tower 0.4 mile NW.
4733 K 4068	Waikane.	40° 51.9' S 175° 01.3' E	Iso.G. period 6s	20 6	5		Visible 060°-216°.
WANGANUI RIVER:							
4746 K 4074	--S. mole.	39° 57.1' S 174° 59.0' E	Fl.G. period 1.5s fl. 0.4s, ec. 1.1s	33 10	5	STARBOARD (A) G, beacon; 15.	
4747 K 4082	--Te Anau.	39° 56.9' S 174° 59.5' E	Q.G.	16 5	2	On bow of hulk.	Marks wreck Te Anau.
4750 K 4075	--N. mole.	39° 57.0' S 174° 58.9' E	Fl.R. period 1.5s fl. 0.4s, ec. 1.1s	26 8	5	PORT (A) R, beacon; 15.	
4752 K 4078	-N. Head Range, front.	39° 56.7' S 174° 59.4' E	F.R. (neon)	52 16		Black X on white beacon.	Traffic signals.
4756 K 4078.1	--Rear, 76 meters 059° from front.	39° 56.7' S 174° 59.4' E	F.R. (neon)	75 23		White beacon, black stripe, black round daymark, white border.	Range lights altered to agree with channel over bar.
4780 K 4084	Patea River, E. side of entrance.	39° 46.0' S 174° 29.0' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	135 41	7	White post on white square base; 16.	Visible 310°30'-110°30'. F.R. on water tower 14.5 miles NW.
4782 K 4084.5	Kupe Platform.	39° 51.1' S 174° 07.2' E	Mo.(U)W. period 15s	79 24	10	Platform.	Horn: Mo.(U) 30s.
RACON							
U(• • -)							
4784	Hawera.	39° 35.0' S 174° 17.0' E	F.R. (neon)			Water tower.	
4786 K 4089	Puniho.	39° 11.6' S 173° 47.5' E	Fl.(3)W. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	26 8	9	White metal tower; 13.	
4788 K 4088	Cape Egmont.	39° 16.5' S 173° 45.2' E	Fl.W. period 8s	109 33	19	White iron tower; 65.	Visible 352°-200°. Reserve light range 10M.
4792 K 4087	Maui A.	39° 33.3' S 173° 27.2' E	Mo.(U)W. period 15s fl. 0.4s, ec. 0.5s fl. 0.4s, ec. 0.5s fl. 1.2s, ec. 12s	89 27	10	Gas production platform on piles.	Horn: Mo.(U) 30s (bl. 0.7s, si. 1s, bl. 0.7s, si. 1s, bl. 2.5s, si. 24.1s).
			Oc.(2)R. period 6s lt. 1s, ec. 1s lt. 3s, ec. 1s	161 49	11		Visible 226°30'-256°30', marks pipeline.
			Oc.R. period 10s lt. 6s, ec. 4s	69 21	5		Visible 038°-060°, marks pipeline.
4793 K 4087.5	-Maui B.	39° 38.8' S 173° 18.9' E	Mo.(U)W. period 15s	59 18	15	Production platform.	Horn: Mo.(U) ev. 30s.
			Fl.(3)R. period 10s	62 19	5		Visible 208°30'-252° (marks pipeline).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-NORTH ISLAND							
4795 K 4084.75	FPSO Raroa.	39° 58.4' S 173° 17.9' E	Mo.(U)W. period 15s fl. 0.7s, ec. 0.2s fl. 0.7s, ec. 0.2s fl. 1.5s, ec. 11.7s		10	On foremast.	Horn: Mo.(U) 30s (bl. 0.75s, si. 1s, bl. 0.75s, si. 1s, bl. 2.5s, si. 24s).
			Mo.(U)R. period 15s fl. 0.7s, ec. 0.2s fl. 0.7s, ec. 0.2s fl. 1.5s, ec. 11.7s		10	On port and starboard bridge wings; 66.	
4795.1 K 4084.6	Maari Platform.	39° 59.1' S 173° 17.6' E	Mo.(U)W. period 15s fl. 0.7s, ec. 0.2s fl. 0.7s, ec. 0.2s fl. 1.5s, ec. 11.7s	89 27	10	Platform.	Horn: Mo.(U) 30s (bl. 0.75s, si. 1s, bl. 0.75s, si. 1s, bl. 2.5s, si. 24s).
4796 K 4086	-Oaonui, N. limit.	39° 22.0' S 173° 46.8' E	F.W.R.	95 29	W. 12 R. 10	Black structure, white stripes.	R. 342°-057°, W.-132°. Marks northern boundary of Maui prohibited anchorage area.
4800 K 4085	--S. limit.	39° 25.7' S 173° 49.2' E	Iso.W.R. period 6s	121 37	W. 12 R. 10	Black structure, white stripes; 36.	W. 347°-062°, R.-137°. Marks southern boundary of Maui prohibited anchorage area.
NEW PLYMOUTH:							
4804 K 4090	-Mikotahi.	39° 03.4' S 174° 01.8' E	Fl.(2)W. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	100 30	10	Gray iron tower, white top.	Visible 066°-127°, 133°-159°, and 171°-242°.
4806 K 4093.3	-Turning Basin Center.	39° 03.1' S 174° 02.3' E	Fl.Y. period 5s	13 4	1	White pole; 3.	Visible 280°-063°.
4808 K 4092	-Outer breakwater, head.	39° 03.0' S 174° 02.5' E	Fl.G. period 2s fl. 0.4s, ec. 1.6s	43 13	10	Black mast, orange bands; 20.	Fl.Y. 2s marks wave recorder 480 meters SE.
4812 K 4092.8	-Lee breakwater, head.	39° 03.4' S 174° 02.7' E	Q.(4)R. period 6s	43 13	5	Black column, yellow bands; 30.	
4820 K 4093	-Entrance Range, front.	39° 03.6' S 174° 02.5' E	2V.Q.R.	30 9	12 5	Orange pyramidal beacon, orange circular daymark.	Red strip light, 1 meter long.
4824 K 4093.1	--Rear, 140 meters 197°16' from front.	39° 03.7' S 174° 02.5' E	2V.Q.R.	66 20	12 5	Orange pyramidal beacon, orange circular daymark.	Red strip light, 1 meter long.
4825 K 4094	-Moturoa Wharf Range, front.	39° 03.5' S 174° 01.9' E	V.Q.W.	27 8	4	Mast, orange triangular daymark; 23.	
4825.1 K 4094.1	--Rear, 121 meters 242°47' from front.	39° 03.6' S 174° 01.8' E	V.Q.W.	44 13	4	Building, orange triangular daymark; 23.	
4826 K 4094.5	-Blyde Wharf Range, front.	39° 03.5' S 174° 02.0' E	V.Q.G.	50 15	3	Steel mast, orange triangular daymark; 30.	
4826.1 K 4094.51	--Rear, 62 meters 247°31' from front.	39° 03.6' S 174° 01.9' E	V.Q.G.	64 20	3	Building, orange triangular daymark; 39.	
4827 K 4095	-Breakwater Berth Range, front.	39° 03.4' S 174° 02.1' E	V.Q.R.	59 18	3	Mast; 39.	
4827.1 K 4095.1	--Rear, 118 meters 285°06' from front.	39° 03.4' S 174° 02.0' E	V.Q.R.	79 24	3	Mast; 59.	
4827.5 K 4095.2	-Marina.	39° 03.5' S 174° 02.8' E	Q.R.	10 3	1	Yellow pile; 10.	
4828 K 4091	-AVIATION LIGHT.	39° 00.7' S 174° 10.7' E	Fl.W. period 3.7s fl. 0.2s, ec. 3.5s	138 42	15	Control tower.	Occasional. Aero Radiobeacon 0.5 mile N.
4832 K 4095.5	Waitara River.	38° 59.9' S 174° 14.1' E	Dir.F.W.R.G.	42 13	W. 8 R. 6 G. 6	Shed.	R. 146°54'-151°18', W.-152°06', G.-156°24'.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-NORTH ISLAND							
4833 K 4095.8	Pohokura B.	38° 54.7' S 174° 16.3' E	2 Mo.(U)W. period 15s	79 24	10	Platform.	Horn: Mo.(U) 30s (bl. 0.7s, si. 1s, bl. 0.7s, si. 1s, bl. 2.5s, si. 24.1s).
			3 Mo.(U)R. period 15s	79 24	4		
4836 K 4096	Ironsand Terminal.	38° 10.1' S 174° 42.3' E	L.Fl.(2)W. period 20s	118 36	12	White metal tower, red bands; 40.	
4844 K 4104	Raglan Harbor, Putoetoe Point, front.	37° 48.0' S 174° 52.0' E	F.R.	23 7	12	Orange triangular daymark, white border; 23.	
4848 K 4104.1	-Middle, 402 meters 089°18' from front.	37° 48.1' S 174° 52.1' E	F.R.	42 13	12	Orange triangular daymark, white border; 29.	
4852 K 4104.2	--Rear, about 926 meters 089°18' from front.	37° 48.0' S 174° 52.4' E	Dir.F.W.R.G.	85 26 G. 20	W. 22 R. 20 G. 20	Orange diamond daymark, white border; 26.	Alignment of white sector may be altered to indicate deepest water.
4856 K 4107	-Ninepin Rock.	37° 03.0' S 174° 30.2' E	Fl.(4)W. period 30s	95 29	14	Pedestal; 3.	Radar reflector.
MANUKAU:							
4868 K 4108	-Manukau Heads.	37° 03.2' S 174° 32.8' E	Oc.W. period 6s lt. 4s, ec. 2s	768 234	12	White wooden beacon.	Visible 028°-130°. Signal station. Radar reflector.
4870 K 4109	-Papakura Channel.	37° 01.6' S 174° 40.1' E	Dir.F.Fl.W.R.	13 4	7	Red metal tripod, square daymark.	Fl.W. 077°30'-079°, F.W.-081°, Fl.W.R.-082°30'.
			Q.R.	20 6	3	Same structure.	Channel marked by beacons 1-10.
4872 K 4115	-Mill Point.	36° 59.5' S 174° 37.0' E	Fl.(2)W. period 5s fl. 1s, ec. 1s fl. 1s, ec. 2s	19 6	5	Red steel column, white bands.	
4876 K 4119	-Onehunga Wharf.	36° 56.0' S 174° 47.0' E	F.R.	17 5	3		
4880 K 4114	-Puketuta Island, reef at W. end of island.	36° 58.0' S 174° 44.0' E	Q.W.	16 5	2	Tower.	
4884 K 4122	Piha.	36° 58.0' S 174° 28.0' E	Fl.W. period 15s	873 266	20	White concrete tower; 16.	
KAIPARA HARBOR:							
4888 K 4132	-S. head.	36° 26.0' S 174° 14.0' E	Fl.W. period 7.5s fl. 0.5s, ec. 7s	135 41	8	White round tower; 13.	
4890 K 4133	-Kaipara River.	36° 29.2' S 174° 19.4' E	Iso.G. period 5s	7 2	5	STARBOARD (A) G, beacon, topmark; 7.	
4892 K 4134	-Shelly Beach, E. side of channel.	36° 31.0' S 174° 22.0' E	Fl.W.R. period 10s fl. 0.5s, ec. 9.5s	19 6	W. 4 R. 2	Red beacon; 6.	R. 082°-123°, W. elsewhere.
4894 K 4135	-Auahine.	36° 36.0' S 174° 23.1' E	Fl.G. period 6s fl. 1.5s, ec. 4.5s	7 2	2	STARBOARD (A) G, beacon, topmark; 7.	
4896 K 4136	-Helensville, near mouth of Kaipara River.	36° 37.0' S 174° 24.0' E	Fl.W.R. period 4s fl. 0.3s, ec. 3.7s	13 4	W. 5 R. 3	White column.	W. 132°-292.5°, R.-132°.
4900 K 4140	-Sail Point.	36° 11.0' S 174° 03.0' E	Fl.W.R. period 10s	33 10	W. 6 R. 4	White round iron tower; 10.	R. 296°-337°, W. elsewhere.
4904 K 4130	-Pouto Point.	36° 22.0' S 174° 11.0' E	Fl.W. period 5s fl. 0.3s, ec. 4.7s	18 5	6	White tower; 13.	Visible 190°-356°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
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NEW ZEALAND-NORTH ISLAND

HOKIANGA RIVER:

4908 <i>K 4152</i>	-Takataka Rock.	35° 23.0' S 173° 33.0' E	Q,(3)W. period 10s	8 2	2	E. CARDINAL BYB, beacon, topmark.	
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AHIPARA BAY:

4912 <i>K 4153</i>	-Reef Point.	35° 11.0' S 173° 03.5' E	Fl,(2)W. period 10s fl. 0.1s, ec. 2.4s fl. 0.1s, ec. 7.4s	213 65	9	White round structure; 10.	
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Section 5

South Island of New Zealand

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-SOUTH ISLAND							
4916 <i>K 4180</i>	-Cape Farewell, Pillar Point.	40° 30.3' S 172° 43.3' E	Fl.W. period 5s fl. 1s, ec. 4s	546 166	9	White metal tower; 13.	
4920 <i>K 4182</i>	Bush End Point.	40° 32.8' S 173° 00.5' E	Fl.W.R. period 15s fl. 0.3s, ec. 14.7s	97 30	W. 19 R. 15	White metal framework tower, orange top; 88.	W. 117°-297°, R.-336°48', W.-089°30', obsc.-117°. Reserve light range 10M. Radar reflector.
AORERE RIVER:							
4924 <i>K 4186</i>	-Outer Range.	40° 40.5' S 172° 41.0' E	2 F.W. (neon)			Wooden mast, white triangular daymark, orange bands.	Range lights, altered to meet changes in channel. Occasional.
WAITAPU:							
4932 <i>K 4196</i>	-Range, on hill.	40° 49.0' S 172° 49.0' E	2 F.W.		4		Range lights, altered to meet changes in channel. Occasional.
4936 <i>K 4197</i>	-Above the wharf.	40° 49.8' S 172° 48.3' E	F.W.,F.R. (neon)			Wooden mast, white triangular daymark.	Range lights.
4937 <i>K 4198</i>	Main Ledge Range, front.	40° 49.6' S 172° 53.9' E	F.Bu. (neon)	25 8	7	Wooden mast, white triangular daymark, point up.	
4937.1 <i>K 4198.1</i>	-Rear, 32 meters 138°50' from front.	40° 49.6' S 172° 53.9' E	F.Bu. (neon)	33 10	7	Wooden mast.	
4940 <i>K 4199</i>	Tarakohe Harbor, E. outer mole, head.	40° 49.0' S 172° 54.0' E	Fl.R. period 5s fl. 1s, ec. 4s	19 6	3	Round metal tower; 6.	
4940.1 <i>K 4199.1</i>	-W. outer mole, head.	40° 49.3' S 172° 53.6' E	Fl.G. period 5s fl. 1s, ec. 4s	20 6	4	Round metal tower; 6.	
4944 <i>K 4204</i>	Separation Point.	40° 47.0' S 173° 00.0' E	Fl.W. period 8s fl. 0.5s, ec. 7.5s	60 18	8	White round structure; 8.	Visible 099°-328°.
4948 <i>K 4206</i>	Pitt Head.	40° 57.0' S 173° 04.0' E	Fl.(2)W.R. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	74 23	W. 7 R. 4	Orange square daymark, white stripe; 10.	R. shore-191°, W.-337°, R.- 348°, obscured elsewhere.
4952 <i>K 4210</i>	Riwaka Range, front.	41° 05.0' S 173° 01.0' E	F.G.	20 6	3	White structure.	
4956 <i>K 4210.1</i>	-Rear, about 32 meters 243° from front.	41° 04.6' S 173° 00.7' E	F.G.	31 9	3	White structure.	
MOTUEKA HARBOR:							
4960 <i>K 4212</i>	-Motueka.	41° 08.2' S 173° 01.8' E	Q.G.	10 3	1	Green wooden pile.	Q.R. 5m 4M marks training wall close SE.
4968 <i>K 4214</i>	-Channel, N. side.	41° 08.2' S 173° 01.7' E	Iso.G. period 4s	10 3	2	Green wooden pile.	
4976 <i>K 4220</i>	Mapua Range, front.	41° 14.8' S 173° 06.3' E	F.Bu.	26 8	4	Mast, white triangular daymark, point up; 25.	Vessels should not attempt to enter without local knowledge.
4980 <i>K 4220.1</i>	-Rear, 275° from front.	41° 14.8' S 173° 06.3' E	F.Bu.	36 11	4	Mast, white triangular daymark, point up; 34.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-SOUTH ISLAND							
PORT NELSON:							
4996 K 4224	-Landfall.	41° 15.0' S 173° 17.0' E	Fl.(2)W.R. period 12s fl. 0.2s, ec. 2.8s fl. 0.2s, ec. 8.8s	72 22	W. 20 R. 17	Steel pylon; 59.	R. 067°-095°, W.-216°.
4996.5 K 4225.6	-Fairway Beacon.	41° 14.0' S 173° 14.2' E	Q.W.	43 13	9	N. CARDINAL BY, beacon, topmark.	
4996.8 K 4225.8	-Approach beacon.	41° 15.4' S 173° 15.2' E	Oc.R. period 4s	26 8	5	PORT (A) R, beacon, topmark.	
4997 K 4226	-Main entrance, S. side.	41° 15.9' S 173° 15.3' E	Iso.G. period 2s	10 3	7	Green metal pile.	
4998 K 4225	-Range, front.	41° 16.1' S 173° 15.4' E	Dir.W.R.G.	26 8	W. 14 R. 11 G. 11	White triangular daymark on piles.	F.G. 157°-12'-162°-12'. Al.W.G.-164° white phase increasing with bearing, F.W.-165°-30', Al.W.R.- 167°-15' red phase increasing with bearing, F.R.-177°-15'. Radar reflector.
4998.1 K 4225.1	--Rear, 600 meters 164°45' from front.	41° 16.5' S 173° 15.5' E	F.Bu. (neon)	88 27	10	Beacon, white triangular daymark, point down.	Visible 130°-200°, partially obscured 174°-188°.
4999 K 4227.4	--N. side, No. 1.	41° 15.8' S 173° 15.5' E	Q.R.	10 3	5	Pile beacon.	N. side of channel marked by Iso.R. 2s lights on piles.
5000 K 4230	-Brunt Quay, NW. corner.	41° 15.7' S 173° 16.3' E	Iso.G. period 2s			Green metal pole.	2 Iso.G. 2s mark dolphins 500 meters SW.
5001 K 4230.15	-Main Wharf, SW. corner.	41° 15.7' S 173° 16.1' E	Iso.G. period 2s	16 5	3		
5002 K 4230.2	--SW. entrance.	41° 15.8' S 173° 16.0' E	Iso.G. period 2s				
5004 K 4227	-Range, front.	41° 16.1' S 173° 15.7' E	F.G. (neon)	20 6		White triangular daymark, point up.	
5008 K 4227.1	--Rear, 306 meters 135°27' from front.	41° 16.2' S 173° 15.8' E	F.G. (neon)	30 9		White triangular daymark, point down.	Visible 122°-148°.
5012 K 4228	-Haulashore Island Range, N. end, front.	41° 16.0' S 173° 15.5' E	F.W.	9 3		White diamond daymark.	
5016 K 4228.1	--Rear, about 103 meters 270° from front.	41° 16.0' S 173° 15.4' E	F.W.	13 4	3	White triangular daymark.	
5020 K 4222	Schnapper Point.	41° 12.2' S 173° 19.4' E	L.Fl.(4)W.R. period 20s fl. 2s, ec. 1s fl. 2s, ec. 1s fl. 2s, ec. 1s fl. 2s, ec. 9s	44 13	W. 15 R. 8	Concrete column; 36.	R. 031°-047°, W.-225°. Radar reflector.
5022 K 4233	Croisilles Harbor.	41° 04.7' S 173° 39.9' E	Fl.W.R. period 5s	47 14	W. 5 R. 4	White post; 5.	W. 124°-139°, R.-124°.
5024 K 4234	Okuri Point.	40° 58.7' S 173° 45.7' E	Fl.W.R. period 4s fl. 0.8s, ec. 3.2s	113 34	W. 8 R. 5	White tower; 10.	R. 160°-210°, W.-160°, except where obscured by land.
5028 K 4238	French Pass, Channel Point.	40° 55.5' S 173° 50.0' E	F.W.R.	10 3	W. 10 R. 7	White house.	R. 034°-053° (obscured in Waikawa Bay by Two Island Point), W.-148°, R.- 238°.
5032 K 4240	-Reef.	40° 55.6' S 173° 49.9' E	Fl.W. period 1.5s fl. 0.5s, ec. 1s	16 5	4	White beacon; 16.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-SOUTH ISLAND							
FRENCH PASS:							
5036 K 4237.4	-Kapowai Bay.	40° 54.3' S 173° 50.3' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	14 4	1	White square structure.	
5038 K 4237	-Anatakupu Island.	40° 53.7' S 173° 52.1' E	Fl.W. period 3s	102 31	4	Fiberglass column; 7.	
5040 K 4241	Elmslie Bay Wharf.	40° 56.0' S 173° 52.0' E	F.G.	10 3	1	On outer end of cool store building.	
5044 K 4236	Stephens Island.	40° 39.9' S 174° 00.1' E	Fl.W. period 6s	600 183	18	White iron tower; 50.	Visible 054°-350°. Reserve light range 10M.
5048 K 4242	Ninepin Rock.	40° 54.9' S 174° 03.3' E	Fl.W. period 4s fl. 0.8s, ec. 3.2s	55 17	8	White tower; 10.	
5049 K 4242.05	Oke Rock.	40° 55.7' S 174° 01.7' E	Fl.G. period 10s fl. 1s, ec. 9s	20 6	3	STARBOARD (A) G, beacon, topmark; 23.	Radar reflector.
5052 K 4242.1	Maud Island.	41° 01.0' S 173° 56.0' E	Fl.W. period 15s	79 24	10	White post; 6.	Visible 088°-031°.
5056 K 4242.15	Dart Rock.	41° 02.8' S 173° 49.0' E	Fl.(2)W. period 20s fl. 0.5s, ec. 1s fl. 0.5s, ec. 18s	10 3	5	Black double ball topmark on white post.	
5060 K 4242.4	Tawero Point, N.	41° 04.0' S 173° 58.0' E	Fl.W. period 5s	29 9	5	White post; 6.	Visible 099°-320°.
5064 K 4242.3	-S.	41° 04.0' S 173° 56.8' E	Fl.W. period 10s	36 11	5	White post; 6.	Visible 217°-052°.
5066 K 4242.17	-Flax Point.	41° 05.8' S 173° 48.3' E	Fl.W. period 10s	30 9	2	White post; 6.	
5068 K 4242.4	Turn Point, N.	41° 09.0' S 173° 54.0' E	Fl.(2)W. period 15s	20 6	5	White post; 6.	Visible 040°-233°.
5072	-S.	41° 08.7' S 173° 52.8' E	Fl.W. period 10s	23 7	5	White post; 6.	Visible 357°-190°.
5076 K 4242.6	Marainatia Point, N.	41° 12.0' S 173° 53.0' E	Fl.W. period 10s	23 7	5	White post; 6.	Visible 178°-008°.
5080	-S.	41° 11.8' S 173° 51.9' E	Fl.G. period 10s	20 6	3	White post; 6.	Visible 187°-022°.
5082 K 4242.9	-Black Point.	41° 14.5' S 173° 52.7' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	7 2	5	White post.	
5084 K 4243	Havelock approach, beacon No. 1.	41° 15.0' S 173° 51.0' E	Fl.G. period 3s	7 2	3	STARBOARD (A) G, tripod.	
5085 K 4243.7	Havelock Wharf, head.	41° 16.5' S 173° 46.2' E	Dir.F.W.R.G.	14 4	2	Shed.	R. 189°18'-189°24', W-190°, G.-190°18'.
5085.2 K 4243.8	-Range, front.	41° 16.5' S 173° 46.2' E	F.R. (neon)	23 7	1		
5085.4 K 4243.81	--Rear, 16 meters 190°30' from front.	41° 16.5' S 173° 46.2' E	F.R. (neon)	25 8	1		
COOK STRAIT:							
5088 K 4244	-Cape Jackson.	40° 59.7' S 174° 18.8' E	Fl.(3)W. period 20s	284 87	9	White metal tower; 13.	Visible 050°-003°. May be obscured by cliffs within 50 meters of light.

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NEW ZEALAND-SOUTH ISLAND							
5089 K 4244.5	--Jackson, head.	40° 59.3' S 174° 19.0' E	Fl.W. period 4s fl. 0.4s, ec. 3.6s	49 15	3	White round tower on concrete base; 49.	
5092 K 4248	-Queen Charlotte Sound.	41° 06.0' S 174° 18.0' E	Fl.(2)W. period 10s fl. 0.4s, ec. 1.6s fl. 0.4s, ec. 7.6s	91 28	8	White metal framework tower; 15.	
5094 K 4249	-Edgecombe Point.	41° 09.3' S 174° 12.1' E	Fl.R. period 10s fl. 0.5s, ec. 9.5s	10 3	5	White post; 10.	
5095 K 4249.5	-Farnham Point.	41° 10.3' S 174° 12.0' E	L.Fl.W.R.G. period 10s fl. 2s, ec. 8s	20 6	10	White metal tower.	G. 219°-221°, W.-224°, R.-226°.
5096 K 4250	--Kurakura Point.	41° 11.0' S 174° 12.0' E	Fl.(3)W. period 15s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 10.2s	93 28	10	White metal column, red top; 10.	
5100 K 4252	-Dieffenbach Point, Queen Charlotte Sound.	41° 14.0' S 174° 08.8' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	39 12	6	White tower; 9.	
5104 K 4253	-Luke Rock.	41° 13.2' S 174° 08.3' E	Fl.G. period 5s fl. 0.3s, ec. 4.7s	10 3	5	STARBOARD (A) Green column, green triangular daymark, point up.	
5106 K 4253.5	-Allports Island.	41° 14.3' S 174° 03.4' E	Q.(5)W. period 10s	10 3	5	White post; 7.	
5108 K 4254	-The Snout.	41° 15.0' S 174° 02.9' E	Fl.(3)W. period 10s	46 14	7	White post; 6.	
5110 K 4254.5	-Waikawa Bay Marina.	41° 15.9' S 174° 02.3' E	Oc.W.R.G. period 3s	16 5	2	White post; 13.	G. 212°-217°, W.-227°, R.-232°.
5112 K 4255	-Picton Point.	41° 15.0' S 174° 02.0' E	Fl.R. period 2.5s fl. 0.5s, ec. 2s	10 3	2	White post; 10.	
5116 K 4256	-Mabel Island, S. end.	41° 16.0' S 174° 01.0' E	Fl.W. period 2s fl. 0.3s, ec. 1.7s	14 4	4	White concrete post.	Visible 183°30'-108°30'.
5118 K 4256.2	-Picton Harbor Approach.	41° 16.6' S 174° 01.9' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	7 2	1		
5119 K 4256.7	-Shelly Beach.	41° 16.9' S 174° 00.7' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	16 5	5	White metal post.	
5120 K 4257	-Picton Harbor, main wharf, head.	41° 16.9' S 174° 00.4' E	FR. Q.Bu.	24 7 46 14	6 5	Metal framework floodlighting tower. Occasional. Shown during large ship movements.	F.G. (neon) on head of ferry wharf and F.G. at root.
5121 K 4257.5	--W. breakwater.	41° 17.4' S 174° 00.5' E	F.G.				
5122 K 4260	-Wedge Point.	41° 15.5' S 174° 00.7' E	Mo.(A)W. period 8s fl. 0.2s, ec. 1.4s fl. 3s, ec. 3.4s	26 8	5	White post; 7.	
5122.2 K 4260.4	-Shakespeare Bay, W.	41° 16.0' S 174° 00.3' E	Q.(5)G. period 10s	7 2	3	White post; 7.	
5122.3 K 4260.3	--SW.	41° 16.4' S 173° 59.8' E	L.Fl.G. period 5s	7 2	3	White post; 3.	
5122.5 K 4260.2	--E.	41° 16.3' S 174° 00.2' E	Q.(4)R. period 6s	7 2	3	White post; 7.	

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NEW ZEALAND-SOUTH ISLAND							
5123 K 4261	-Onahau Bay.	41° 15.2' S 173° 58.4' E	Fl.G. period 3s		7 2	2 STARBOARD (A) G, beacon, topmark.	
5124 K 4268.4	-Fighting Bay, Prohibited Anchorage Area, S. limit.	41° 20.0' S 174° 12.0' E	L.Fl.(2)W.R. period 20s fl. 2s, ec. 0.5s fl. 2s, ec. 15.5s	384 117	W. R.	7 5 Beacon, orange stripe; white triangular daymark, point up.	R. 271°-301°, W.-051°.
5128 K 4268.3	---N. limit.	41° 19.0' S 174° 15.0' E	Fl.(4)W.R. period 20s fl. 1s, ec. 0.5s fl. 1s, ec. 0.5s fl. 1s, ec. 0.5s fl. 1s, ec. 14.5s	619 189	W. R.	7 4 Beacon, orange stripe; white triangular daymark, point up.	W. 221°-263°, R.-310°.
-Tory Channel:							
5132 K 4268	--Ruamoko Point, E.	41° 14.6' S 174° 10.0' E	Fl.(3)W. period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 6.5s	72 22		5 White post; 6.	
5136 K 4268.2	--W.	41° 14.5' S 174° 09.7' E	Q.W.	31 9		5 White post; 6.	
5140 K 4268.21	--Otamango Point.	41° 15.0' S 174° 11.0' E	Fl.R. period 3s	19 6		4 White post; 6.	
5144 K 4267.4	--Arrowsmith Point.	41° 15.0' S 174° 13.0' E	Fl.(4)W. period 15s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 10s	13 4		5 White post.	Visible 082°-270°30'.
5148 K 4267.1	--Clay Point, E. side.	41° 14.0' S 174° 16.0' E	Fl.G. period 3s	59 18		4 White wood post; 6.	
5152 K 4267	---W. side.	41° 14.0' S 174° 16.0' E	Fl.W. period 5s fl. 0.4s, ec. 4.6s	26 8		6 White metal post; 10.	
5156	--Motukina Point.	41° 14.0' S 174° 16.0' E	Fl.R. period 5s	46 14		4 White post; 6.	
5160 K 4266	--Scraggy Point.	41° 13.0' S 174° 18.0' E	Fl.(2)W. period 10s	60 18		5 White post; 6.	
5162 K 4264.5	--Wheki Rock.	41° 12.4' S 174° 18.3' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	7 2		2 Green pillar, triangular daymark, point up.	
5164 K 4262	--head, W. side of entrance channel.	41° 12.8' S 174° 18.9' E	Mo.(N)W.R. period 10s fl. 1s, ec. 1s fl. 0.5s, ec. 7.5s	151 46		8 White tower; 12.	R. 010°-052°, obsc.-095°, W.-246°, R.-270°, W.-010°. R. obstruction light 2.7 miles NE.
5166 K 4265	--E. head.	41° 12.6' S 174° 19.4' E	Dir.W.R.G.	115 35		3 Wooden post; 7.	F.G. 082°42'-086°42', Al.W.G.-090°42', F.W.- 094°48', Al.W.R.- 098°48', F.R.-102°48'.
5168 K 4264	--Okukari Bay Range, front.	41° 12.0' S 174° 19.0' E	Q.W.	24 7		11 White triangular daymark, orange stripe; 20.	
5172 K 4264.1	---Rear, 130 meters 311°45' from front.	41° 12.1' S 174° 18.2' E	Iso.W. period 2s	88 27		11 White triangular daymark, orange stripe; 20.	
5176 K 4246	-The Brothers.	41° 06.2' S 174° 26.5' E	Fl.W. period 10s	258 79		19 White wooden tower; 41.	Reserve light range 10M.
			Fl.R. period 10s	230 70		10	Visible 164°30'-169°30' over Cook Rock, obscured within 0.8M of light, visible 008°-014° over Awash Rocks. Reserve light range 9M.

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NEW ZEALAND-SOUTH ISLAND							
5180 K 4269	-Robertson Point.	41° 21.0' S 174° 08.0' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	53 16	5	White concrete column; 6.	
5184 K 4272	--Blenheim AVIATION LIGHT.	41° 31.0' S 173° 52.0' E	Al.FI.W.G. period 3.7s				
5188 K 4274	-Cape Campbell.	41° 43.8' S 174° 16.5' E	Fl.W. period 15s fl. 0.3s, ec. 14.7s	155 47	19	White iron tower, black bands; 73.	Obscured on bearings more than 010°. Reserve light range 10M. Radiobeacon about 0.46 mile SSW.
5192 K 4275	Point Kean, Kaikoura Peninsula.	42° 25.3' S 173° 42.8' E	Fl.(2)W. period 15s	134 41	9	Yellow tower; 12.	
5198 K 4277	Kaikoura, S. breakwater, head.	42° 25.5' S 173° 40.9' E	Iso.G. period 2s	16 5	6	Steel post, black and white bands; 10.	
5212 K 4279	Gibson Point.	42° 52.5' S 173° 19.5' E	Fl.W. period 10s	250 76	10	Tower, white and red bands; 9.	Visible 202°-027°.
5216 K 4282	Motunau River Range, front.	43° 03.0' S 173° 05.0' E	F.R.	20 6	3	Pole.	
5220 K 4282.1	-Rear, 13 meters 036°13' from front.	43° 03.1' S 173° 04.6' E	F.R.	39 12	3	Pole.	
PORT LYTTTELTON:							
5240 K 4304	-Camp Bay Range, front.	43° 37.0' S 172° 47.0' E	F.R.	45 14		White beacon.	
5244 K 4304.1	--Rear, 46 meters 195°30' from front.	43° 37.5' S 172° 46.8' E	F.R.	60 18		White beacon.	
5248 K 4291	-N. of Parson Rock.	43° 36.9' S 172° 45.1' E	Fl.(2)R. period 10s	22 7	4	PORT (A) R, beacon, topmark.	
5250 K 4288	-Purua Bay.	43° 38.0' S 172° 45.0' E	Dir.Oc.W.R.G. period 12s lt. 8s, ec. 4s	177 54	15	Gray concrete shed, red roof; 10.	G. 236°-240°, W.-242°, R.- 246°.
5252 K 4293	-Sticking Point Breakwater, head.	43° 36.7' S 172° 44.0' E	Fl.(2)G. period 5s	25 8	5	White pile; 17.	
5256 K 4290	-Shag Reef Range, front.	43° 37.0' S 172° 43.0' E	Fl.W. period 1.5s fl. 0.5s, ec. 1s	33 10	3	White conical tower.	
5260 K 4290.1	--Rear, 963 meters 260°39' from front.	43° 37.0' S 172° 42.1' E	L.Fl.W. period 5s fl. 2s, ec. 3s	60 18	5	White concrete tower, E. face red and yellow checkered.	White beacons in line indicate limits of dredged channel.
5264 K 4296	-Naval Point Reclamation Area Range, front.	43° 37.0' S 172° 43.0' E	F.R.	27 8		Beacon, triangular daymark, point up, neon sign.	
5268 K 4296.1	--Rear, 570 meters 301°54' from front.	43° 36.5' S 172° 42.4' E	F.R. (neon)	37 11		Beacon, triangular daymark, point down.	
5269 K 4301	--S. Range, front.	43° 36.7' S 172° 42.7' E	F.R. (neon)	26 8	1	White beacon, triangular daymark, point up.	Marks southern limit of channel.
5269.1 K 4301.1	---Rear, 475 meters 301°54' from front.	43° 36.6' S 172° 42.4' E	F.R. (neon)	36 11	1	White beacon, triangular daymark, point down.	
5272 K 4300	-Harbor entrance, E. breakwater.	43° 36.6' S 172° 43.1' E	Oc.G. period 6s lt. 5s, ec. 1s	25 8	2	White tower, green top.	Obscured by shed 278°- 303°.
5276 K 4299	--W. breakwater.	43° 37.0' S 172° 43.0' E	Oc.R. period 6s	25 8	2	Black and white pylon.	
5278 K 4289	-Governors Bay.	43° 38.0' S 172° 39.0' E	Dir.F.W.R.G.	213 65	19	Gray concrete shed, red roof; 10.	G. 258°-260°, W.-261°, R.- 263°. Light oscillates at the margins of the white sector.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-SOUTH ISLAND							
5280 K 4310	Steep Head.	43° 44.6' S 173° 07.7' E	Fl.W. period 5s	512 156	19	White concrete tower; 13.	Visible 161°-001°. Occasionally obscured by fog and mist.
5284 K 4314	Akaroa Head.	43° 53.6' S 172° 58.5' E	Fl.W. period 10s fl. 1s, ec. 9s	223 68	19	White fiberglass tower; 10.	Visible 262°-116°, but obscured from seaward by Timutimu Head when bearing more than 071°.
5285 K 4315	-Akaroa Harbor Range, front.	43° 49.2' S 172° 54.2' E	F.G.	27 8	7	Wooden mast; 23.	
5286 K 4315.1	--Rear, 0.88 mile 331°20' from front.	43° 48.2' S 172° 53.4' E	F.G.	272 83	7	Wooden pole; 23.	
FRENCH BAY:							
5288 K 4316	-Green Point, on reef.	43° 49.0' S 172° 56.8' E	Iso.R.G. period 2s	13 4	2	White wooden post; 17.	G. 024°-241°, R.-024°.
TIMARU:							
5292 K 4324	-AVIATION LIGHT.	44° 18.0' S 171° 13.0' E	Fl.W. period 3.7s fl. 0.2s, ec. 3.5s	102 31	15	Airport.	
5296 K 4322	-Fairway Beacon.	44° 22.8' S 171° 19.4' E	Mo.(A)W. period 10s	26 8	9	SAFE WATER RW.	
5304 K 4331	-War Memorial.	44° 23.9' S 171° 15.1' E	F.W.	143 44	14	Mast.	Daytime range 10M.
5308 K 4329.4	-Outer N. mole.	44° 23.0' S 171° 16.0' E	Fl.G. period 10s	32 10	6	White wooden post; 26.	
5312 K 4332	-N. molehead, about 853 meters 40° from light on bluff.	44° 23.3' S 171° 16.6' E	Fl.G. period 2s fl. 0.3s, ec. 1.7s	20 6	5	White lattice tower inclined 45° from vertical.	
5316 K 4330	-E. mole head Range, front.	44° 23.5' S 171° 15.6' E	F.R. (neon)	24 7	2	White beacon.	Visible 003°-244°.
5320 K 4330.1	--Rear, 640 meters 228° from front.	44° 23.6' S 171° 15.3' E	F.R. (neon)	66 20	2	Lattice tower. Floodlit.	
5323 K 4328	-Benvenue Cliff Range, front.	44° 23.2' S 171° 15.5' E	F.G. (neon)	52 16	5	White post, orange triangular daymark.	
5324 K 4328.1	--Middle, 982 meters 267°10' from front.	44° 23.1' S 171° 14.8' E	Dir.W.R.G.	82 25 17	W. 21 R. 17 G. 17	Beacon, orange triangular daymark; 14.	F.G. 264°30'-266°, Al.W.G.-266°42', W. phase increasing with bearing, F.W.-267°30', Al.W.R.-268°12', R. phase increasing with bearing, F.R.-269°42'.
			F.G. (neon)	82 25	10		
5328 K 4328.2	--Rear, 210 meters 267°10' from middle.	44° 23.1' S 171° 14.6' E	F.G. (neon)	97 30	7	Beacon, orange triangular daymark; 14.	
5332 K 4329	-Eastern Extension Mole Spur Breakwater, head.	44° 23.0' S 171° 16.0' E	Fl.R. period 5s	57 17	11	Tower.	F.R. lights on radio mast 2.5 miles N.
5336 K 4335	--No. 3 Wharf Range, front.	44° 23.6' S 171° 15.3' E	F.G. (neon)	19 6	4		
5340 K 4335.2	---Rear, 230 meters 228° from front.	44° 23.6' S 171° 15.2' E	F.G. (neon)	65 20	4		
5344 K 4340	Tuhawaiki Point.	44° 26.6' S 171° 15.6' E	L.Fl.W. period 10s fl. 2s, ec. 8s	94 29	9	White octagonal iron structure; 29.	

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NEW ZEALAND-SOUTH ISLAND							
OAMARU:							
5356 K 4350	-Holmes wharf.	45° 06.4' S 170° 58.7' E	F.G.	13 4	2	Lamp post.	
5358 K 4348	-Breakwater, head.	45° 06.4' S 170° 58.8' E	Fl.R. period 5s	25 8	5	Framework tower.	
5368 K 4360	Katiki Point.	45° 23.6' S 170° 52.1' E	Iso.W. period 12s	184 56	10	White wooden tower; 26.	Visible 181°-018°.
5372 K 4358	-Range, front.	45° 22.0' S 170° 51.0' E	Q.W.	35 11	6	Pole; 12.	
5376 K 4358.1	--Rear, 550 meters 216°31' from front.	45° 21.9' S 170° 50.7' E	Iso.W. period 4s	167 51	6	Pole; 13.	
5380 K 4359	-Wharf, head.	45° 21.6' S 170° 52.0' E	Iso.R. period 3.5s	16 5	2	White post, red top.	
OTAGO HARBOR:							
5384 K 4362	-Heyward Point.	45° 45.0' S 170° 41.0' E	Fl.W.R. period 5s fl. 0.7s, ec. 4.3s	82 25	W. 9 R. 7	White tower; 12.	W. shore-259°, R.-306°30', obsc.-shore.
5388 K 4363	-Fairway.	45° 45.1' S 170° 43.6' E	Fl.(2)R. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	29 9	5	PORT (A) R, articulated beacon, topmark.	
5392 K 4366	-Approach.	45° 48.0' S 170° 43.1' E	Dir.W.R.G.	62 19	W. 21 R. 17 G. 17	White tower, red cone daymark.	F.G. 183°39'-185°06', Al.W.G.- 185°24' W. phase increasing with bearing, F.W.-186°48', Al.W.R.-187°12' R. phase increasing with bearing, F.R.- 188°36'. Range 5M when sighted outside main directional light sectors.
5396 K 4364	-Taiaroa Head.	45° 46.4' S 170° 43.7' E	L.Fl.(2)W. period 18s fl. 2s, ec. 4s fl. 2s, ec. 10s	197 60	18	White stone tower; 39.	Visible 158°-300°.
5400 K 4365	-N. mole.	45° 46.3' S 170° 43.2' E	Fl.(3)W. period 5s	30 9	5	E. CARDINAL BYB, beacon, topmark; 20.	Channel marked by lit beacons. Radar reflector.
5400.3 K 4367.1	-Harrington Point.	45° 47.0' S 170° 43.4' E	F.Y.	10 3	4	Red metal beacon; 10.	Visible 177°-182°.
			Oc.R. period 10s		2		
5400.4 K 4367.12	-Spit Tide Gauge.	45° 47.2' S 170° 43.1' E	Oc.G. period 4s	10 3	3	STARBOARD (A) G, pile, topmark.	
5400.6 K 4369.83	-No. 25, Rocky Point.	45° 48.3' S 170° 37.8' E	F.G.+Dir.R.Y.	10 3	6	STARBOARD (A) G, beacon, topmark; 10.	R. 345°-350°, Y.-355°. Range 2M by day. Radar reflector.
5400.8 K 4369.86	-Multipurpose Berth.	45° 48.6' S 170° 37.7' E	F.G. (neon)				
5401 K 4370.25	-Port Chalmers, Container Wharf.	45° 48.7' S 170° 37.6' E	8 F.W. (horiz.)				Starboard beacon 27, Q.G. marks corner of wharf 450 meters NE. Q.R. marks corner of wharf 470 meters N. Boat harbor marked by F.G. lights.
5401.8 K 4372.4	-Range, front, 2A.	45° 49.8' S 170° 37.5' E	Fl.(2)R. period 4s	10 3	1	PORT (A) R, beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-SOUTH ISLAND							
5401.81 K 4372.5	--Rear, 100 meters 208°20' from front.	45° 49.9' S 170° 37.5' E	Q.R.		10 3	1 Beacon, white triangular daymark, black border.	
5402 K 4372	-Range, front, 32.	45° 49.2' S 170° 37.9' E	Q.(2)R. period 4s		10 3	1 Red beacon, white band, red can topmark.	Radar reflector.
5402.01 K 4372.1	--Rear, 170 meters 028°20' from front.	45° 49.2' S 170° 38.0' E	Q.R.		10 3	1 Beacon, white triangular daymark, black stripes.	
5402.1 K 4371.5	-Wharf, SW.	45° 49.2' S 170° 37.6' E	V.Q.(6)+L.FI.W. period 15s		10 3	1 S. CARDINAL YB, beacon, topmark; 10.	
5402.2 K 4373	-No. 1, Goat Island.	45° 49.6' S 170° 37.6' E	Q.G.			1 Pile beacon.	
5402.4 K 4373.2	-No. 2, Quarantine Island.	45° 49.6' S 170° 37.7' E	FR.			1 Red metal house.	
5402.6 K 4374.73	-Ravensbourne Wharf.	45° 52.2' S 170° 32.6' E	2 F.G. (vert.)		10 3		F.G. (neon) on E. and W. ends of T-head pier.
5402.8 K 4374.9	-LPG Wharf.	45° 52.5' S 170° 31.5' E	F.G. (neon)		7 2	1 Dolphin.	
5403 K 4374.91	-Leith Wharf.	45° 52.4' S 170° 31.4' E	F.G. (neon)		10 3		
5403.2 K 4374.96	--Oil Jetty, head.	45° 52.5' S 170° 31.3' E	2 F.G. (vert.)		29 9	3 16.	1 meter apart.
5403.4 K 4375.2	--Ratray Wharf.	45° 52.7' S 170° 30.8' E	2 F.G. (vert.)		55 17	1 Shed.	
5403.6 K 4375.5	--Birch Street Wharf.	45° 52.8' S 170° 30.7' E	F.G.				
5404 K 4376	Cape Saunders.	45° 53.0' S 170° 44.0' E	L.FI.W. period 10s fl. 2s, ec. 8s		190 58	10 White steel lattice tower, black cupola; 13.	Visible 254°-064°.
5408 K 4380	Nugget Point.	46° 27.0' S 169° 50.0' E	L.FI.(2)W. period 12s fl. 2s, ec. 2s fl. 2s, ec. 6s		250 76	10 White stone tower; 31.	Reserve light range 10M.
5412 K 4381	Tautuku Peninsula.	46° 36.7' S 169° 26.2' E	FI.(3)W. period 15s		104 32	8 White tower; 12.	
5416 K 4382	Slope Point.	46° 40.0' S 169° 01.0' E	FI.W. period 5s fl. 1s, ec. 4s		109 33	8 White steel round tower; 9.	Visible 268°-098°.
5420 K 4384	Waipapa Point.	46° 39.6' S 168° 50.8' E	FI.(5)W. period 20s		70 21	9 White wooden tower; 44.	
5424 K 4387	Bushy Point.	46° 36.0' S 168° 31.0' E	FI.(2)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s		23 7	8 White metal tower; 12.	
5428 K 4394	Dog Island.	46° 39.2' S 168° 24.6' E	FI.W. period 10s		150 46	19 White round stone tower, black bands; 118.	Reserve light range 10M.
BLUFF HARBOR:							
5432 K 4397	-Entrance.	46° 37.5' S 168° 20.5' E	FI.W.R. period 3s fl. 1s, ec. 2s		61 19	W. 11 R. 8 Wooden tower, white triangular daymark; 19.	R. 247°30'-342°, W.-077°30'.
5436 K 4398	-Stirling Point.	46° 37.8' S 168° 21.6' E	FR.		36 11	6 Red tower on east side of concrete house; 13.	
5444 K 4400	-No. 1 Reach, front.	46° 36.2' S 168° 22.4' E	F.G. (neon)		20 6	10 White framework pyramidal tower; 13.	
5448 K 4400.1	--Rear, 0.59 mile 031° from front.	46° 35.7' S 168° 22.8' E	F.G. (neon)		40 12	12 White framework pyramidal tower; 40.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-SOUTH ISLAND							
5452 K 4402	-No. 2 Reach Range, front.	46° 36.0' S 168° 21.7' E	F.R. (neon)	20 6	4	White triangular structure.	
5456 K 4402.1	--Rear, 200 meters 351° from front.	46° 35.9' S 168° 21.6' E	F.R. (neon)	26 8	4	White triangular structure.	
5460 K 4405	-No. 3 Reach Range, front.	46° 35.5' S 168° 20.6' E	Iso.G. period 2s	23 7	5	White tower on pile.	
5464 K 4405.1	--Rear, 335 meters 313°25' from front.	46° 35.4' S 168° 20.4' E	Fl.W. period 1.5s fl. 0.5s, ec. 1s	39 12	5	White tower on metal structure.	Visible 043°30' - 223°30'.
5468 K 4404	--Inner Davey Range, front.	46° 36.3' S 168° 21.9' E	Q.W.	11 3	5	Black dolphin.	
5472 K 4404.1	--Outer Davey, rear, 235 meters 133°25' from front.	46° 36.4' S 168° 22.0' E	Iso.W. period 2s	19 6	5	White hut on black dolphin.	
5476 K 4406	-No. 1.	46° 36.2' S 168° 21.7' E	Fl.G. period 3s fl. 0.5s, ec. 2.5s	10 3	2	STARBOARD (A) G, beacon.	
5480 K 4407	-Channel Rocks.	46° 36.2' S 168° 21.5' E	Fl.R. period 2s	23 7	3	PORT (A) R, beacon.	
5484 K 4408	-No. 2.	46° 36.0' S 168° 21.5' E	Q.(2)G. period 3s	17 5	2	STARBOARD (A) G, beacon.	
5488 K 4413	-No. 3.	46° 35.9' S 168° 21.2' E	Fl.(3)G. period 6s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 3.5s	20 6	3	STARBOARD (A) G, beacon.	
5490 K 4410	-Argyle.	46° 36.0' S 168° 21.3' E	Q.(2)R. period 5s	16 5	3	PORT (A) R, beacon, topmark.	
5492 K 4415	-No 4.	46° 35.7' S 168° 21.2' E	Q.G.	9 3	2	STARBOARD (A) G, beacon.	
5496 K 4411	-Tide gauge.	46° 36.0' S 168° 21.2' E	Q.R.	19 6	2	PORT (A) R, beacon.	
5504 K 4424	-Range, front.	46° 35.6' S 168° 20.0' E	F.G. (neon)			Beacon, white triangular daymark, point down.	Occasional.
5508 K 4424.1	--Rear, 21 meters 279°01' from front.	46° 35.6' S 168° 20.0' E	F.G. (neon)			Beacon, white triangular daymark, point down.	Occasional.
5512 K 4388	Ackers Point, Stewart Island.	46° 53.8' S 168° 09.8' E	Fl.(3)W.R. period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 6.5s	64 20	W. 7 R. 4	White wooden tower; 16.	W. 118°-250°, R.-255°, W.- 000°, partially obscured 118°-160° and 320°- 000°.
5513 K 4389	Half Moon Bay.	46° 53.9' S 168° 08.1' E	Fl.R. period 5s	6 2	5	Red square on red metal tripod beacon.	
5516 K 4432	Howells Point.	46° 23.0' S 168° 02.0' E	Fl.W.R. period 5s fl. 1s, ec. 4s	91 28	W. 9 R. 6	White column; 14.	W. shore-298°, R.-317°, W. 009°30', R.-shore.
5520 K 4433	Jacobs River Estuary, Range Lights, No. 1 Reach, front.	46° 21.0' S 168° 01.0' E	F.G. (neon)	16 5	2	Beacon, white triangular daymark, point up; 12.	
5524 K 4433.1	-Rear, 46 meters 307°12' from front.	46° 21.4' S 168° 01.5' E	F.R. (neon)	16 5	2	Beacon, white triangular daymark, point down; 12.	
5528 K 4434	-No. 2 Reach Range, front.	46° 22.0' S 168° 01.0' E	F.R. (neon)	11 3	2	Beacon, white triangular daymark, point up; 12.	
5532 K 4434.1	--Rear, 19 meters 249°26' from front.	46° 21.7' S 168° 01.3' E	F.G. (neon)	11 3	2	Beacon, red triangular daymark, point down; 10.	
5536 K 4438	Centre Island.	46° 27.7' S 167° 50.7' E	Fl.W.R. period 15s	265 81	W. 19 R. 15	White wooden tower; 40.	R. 191°-299°, W.-114°, R.- 141°, obscured elsewhere. Reserve light range W. 10M, R. 7M.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-SOUTH ISLAND							
5540 K 4440	Long Point.	46° 15.8' S 167° 06.5' E	Fl.(4)W. period 15s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 8s	75 23	9	Aluminum tower; 13.	
5545 K 4442	Puysegur Point.	46° 09.9' S 166° 37.3' E	Fl.W. period 12s fl. 0.1s, ec. 11.9s	148 45	19	White metal tower; 17.	Reserve light range 10M.
5548 K 4444	Cape Providence.	46° 00.0' S 166° 27.2' E	Fl.W. period 5s	197 60	9	White tower; 12.	
5552 K 4446	Five Fingers Point.	45° 44.0' S 166° 27.6' E	Fl.(3)W. period 20s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 15s	545 166	9	Steel lattice tower; 30.	
5556 K 4452	Southwest Point.	45° 14.2' S 166° 51.3' E	Fl.(2)W. period 15s	171 52	9	Metal pedestal; 6.	Visible 007°-207°.
5560 K 4464	St. Anne Point.	44° 34.4' S 167° 46.9' E	Fl.W. period 5s fl. 1s, ec. 4s	87 27	8	White tower; 20.	Visible 071°-316°.
5560.5 K 4464.5	Harrison Cove.	44° 37.7' S 167° 54.3' E	Q.R.				
5561 K 4465	Milford Sound Deep Water Basin.	44° 41.1' S 167° 54.6' E	Q.(2)W. period 5s	7 2	5	Gray metal pile.	
5564 K 4466	Jackson's, head.	43° 57.8' S 168° 37.2' E	Q.(2)W. period 15s	509 155	9	White metal tower; 13.	Visible 091°-238°.
5568 K 4468	Heretaniwha Point.	43° 34.6' S 169° 34.7' E	Q.(3)W. period 10s	253 77	9	White fiberglass tower.	
GREYMOUTH HARBOR:							
5572 K 4470	-S. breakwater, 145 meters from head.	42° 26.4' S 171° 11.4' E	L.Fl.W. period 10s fl. 3.5s, ec. 6.5s	56 17	9	Concrete column; 16.	Visible 016°-196°.
5576 K 4473	-N. breakwater, head.	42° 26.1' S 171° 12.8' E	F.R.	35 11	3	White concrete column.	
5580 K 4472	-S. breakwater, 32 meters from front.	42° 26.2' S 171° 11.8' E	F.G.	37 11	3	White concrete column; 16.	
5584 K 4478	-Main wharf.	42° 26.5' S 171° 12.4' E	Fl.(2+1)G. period 6s	16 5	1	Green wooden pile, red band; 7.	
5588 K 4475	-Richmond Quay Range, front.	42° 26.5' S 171° 12.5' E	F.R.G.R. (neon)	46 14		Tower, orange triangular daymark, black diamond on each side.	F.R. neon light on each side, in line with rear light, indicates limits of channel. Channel liable to change.
5592 K 4475.1	--Rear, about 160 meters 128°15' from front.	42° 26.6' S 171° 12.6' E	F.G. (neon)	62 19		Beacon, white triangular daymark.	
5596 K 4476	-Tidal wall.	42° 26.2' S 171° 12.1' E	Q.R.	16 5	3	Metal pile; 11.	
5600 K 4486	Cape Foulwind.	41° 44.9' S 171° 27.9' E	Fl.W. period 12s fl. 1s, ec. 11s	231 70	9	White round concrete tower; 30.	F.R. lights on radio mast 110 meters SSE.
WESTPORT HARBOR:							
5604 K 4491	-W. breakwater, head.	41° 43.7' S 171° 35.2' E	Fl.G. period 2s fl. 0.5s, ec. 1.5s	29 9	5	White round tower, green band; 17.	F.R. lights on radio mast 0.9 mile SSW.
5608 K 4490	-W. breakwater.	41° 43.8' S 171° 35.2' E	Fl.W. period 5s	65 20	6	White concrete tower, red band.	Coast Radar Station 1800 meters SE.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NEW ZEALAND-SOUTH ISLAND							
5612 <i>K 4494</i>	-Outer Range, front.	41° 44.2' S 171° 35.5' E	F.G. (neon)	34 10		Metal column, yellow fluorescent reflective panels, red cross daymark; 20.	F.R. (neon), F.Bu. (neon) 11m light close S.
5616 <i>K 4494.1</i>	--Rear, 360 meters 165°35' from front.	41° 44.4' S 171° 35.5' E	F.G. (neon)	48 15		Square framework, red and white stripes, orange fluorescent reflective panels, red diamond topmark; 36.	
5620 <i>K 4492</i>	-E. breakwater, head.	41° 43.7' S 171° 35.3' E	Fl.R. period 2s fl. 0.5s, ec. 1.5s	29 9	5	White concrete tower, red band; 17.	
5624 <i>K 4498</i>	-E. full-tide wall.	41° 44.5' S 171° 35.6' E	Iso.R. period 1.5s	11 3		Red metal framework tower.	
5628 <i>K 4497</i>	-Western Full-tide Wall, N. end.	41° 44.3' S 171° 35.4' E	Q.(3)G. period 5s	20 6		Tripod on black and white tower.	
5632 <i>K 4496</i>	-Inner Range, front.	41° 44.7' S 171° 35.5' E	Q.R.	13 4		Red beacon, white bands; 7.	2 F.R.(vert) on N. end of Coal Terminal 0.1 mile E.
5636 <i>K 4496.1</i>	--Rear, 213 meters 169°42' from front.	41° 45.0' S 171° 35.6' E	L.Fl.R. period 5s fl. 2s, ec. 3s	24 7		Red beacon, white bands.	
5638 <i>K 4499</i>	-Crane Wharf, head.	41° 44.7' S 171° 35.7' E	F.R.	16 5	1		Visible 105°-160°.
5640 <i>K 4506</i>	Kahurangi Point.	40° 46.5' S 172° 13.1' E	Fl.(2)W. period 15s fl. 1s, ec. 1s fl. 1s, ec. 12s	151 46	9	White iron tower; 59.	

Section 6

Southeast Coast of Australia

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
5660 <i>K 2912</i>	Double Island Point.	25° 56.0' S 153° 11.8' E	Fl.W. period 7.5s	315 96	17	White round tower; 39.	Visible 109°-037°.
5664 <i>K 2908.3</i>	Mooloolaba Harbor Channel Range, front.	26° 41.0' S 153° 08.1' E	F.Bu. Fl.R. period 4s			White beacon, triangular daymark, point up.	F.Y. by day. Not visible from seaward. Channel to wharf marked by beacons.
5668 <i>K 2908.31</i>	-Rear, 85 meters 131°15' from front.	26° 41.1' S 153° 08.1' E	F.Bu.			Triangular daymark, point down, on white beacon.	F.Y. by day.
5670	-Goat Island Bridge.	26° 41.3' S 153° 07.4' E	F.Bu.				Both sides of bridge marked with F.Bu. lights.
5672 <i>K 2907.8</i>	Point Cartwright.	26° 40.8' S 153° 08.3' E	Fl.(2)W.R. period 15s F.R.	174 53 161 49	W. 20 R. 9 7	White pentagonal concrete tower and lantern; 105.	R. 088°-180°, W.-345°. Reserve light range W. 19M, R. 8M. Visible 202°-250°.
MORETON BAY:							
5676 <i>K 2856</i>	-Caloundra Head.	26° 48.2' S 153° 09.0' E	L.Fl.W.R. period 10s	101 31	W. 17 R. 14	Building; 56.	W. 180°-307°, R.-001°30'. 3 Aero Q.R. close NW.
5680 <i>K 2857</i>	-NW. Channel Range, front.	26° 49.7' S 153° 07.8' E	Q.W. Q.W.R.	49 15		White tower; 49.	F.Y. by day. R. 215°-243°, W.-275°.
5684 <i>K 2857.1</i>	--Rear, 1.7 km. 328°15' from front.	26° 48.9' S 153° 07.3' E	Iso.W. period 2s	89 27		White tower; 62.	F.Y. by day.
5684.4 <i>K 2856.5</i>	--NW. Fairway.	26° 48.7' S 153° 10.6' E	Iso.W. period 4s			SAFE WATER RW, articulated beacon, topmark.	
5684.6 <i>K 2857.4</i>	--NW2.	26° 49.9' S 153° 08.9' E	Fl.Y. period 2.5s	30 9	6	SPECIAL Y, articulated beacon, topmark.	
5684.8 <i>K 2857.5</i>	--NW1.	26° 51.2' S 153° 08.9' E	Q.G.			STARBOARD (A) G, beacon, topmark.	
5685 <i>K 2857.7</i>	--NW4.	26° 51.6' S 153° 09.3' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	
5685.3 <i>K 2857.9</i>	--NW6.	26° 53.7' S 153° 10.7' E	Fl.R. period 2.5s			PORT (A) R, beacon, topmark.	
5685.6 <i>K 2858</i>	--NW8.	26° 55.7' S 153° 12.1' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	
5686 <i>K 2858.2</i>	--NW3.	26° 57.9' S 153° 13.3' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	
5686.5 <i>K 2858.4</i>	--NW10.	27° 00.1' S 153° 14.5' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	
5687 <i>K 2858.6</i>	--NW12.	27° 02.4' S 153° 15.4' E	Q.(9)W. period 15s	26 8		W. CARDINAL YBY, beacon, topmark.	
5688 <i>K 2858.8</i>	-Spitfire Channel Range, front.	27° 00.8' S 153° 10.3' E	Q.W.	49 15		Beacon, triangular daymark, point up; 46.	F.W. by day. Occasional.
5692 <i>K 2858.81</i>	--Rear, 926 meters 290° from front.	27° 00.6' S 153° 09.7' E	Iso.W. period 2s	75 23		Beacon, triangular daymark, point down; 62.	F.W. by day. Occasional.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
5692.3 <i>K 2858.9</i>	--S1.	27° 02.8' S 153° 16.2' E	Fl.Y. period 4s			SPECIAL Y, beacon, topmark.	
5692.7 <i>K 2858.93</i>	--Woorim.	27° 03.3' S 153° 11.9' E	Fl.Y. period 2.5s			SPECIAL Y, beacon, topmark.	
5693 <i>K 2859.5</i>	-Main Channel, M2.	27° 03.6' S 153° 18.3' E	Dir.AI.W.R.G.	26 8	4	PORT (A) R, beacon, topmark.	Occasional. G. 107°30'-109°, AI.G.W.- 109°42', W.-110°18', AI.W.R.-110°48', R.- 112°24'.
			Fl.R. period 4s				
5693.1 <i>K 2859.4</i>	--M1.	27° 03.4' S 153° 17.6' E	Q.G.			STARBOARD (A) G, beacon, topmark.	
5693.2 <i>K 2859.7</i>	--M4.	27° 05.3' S 153° 18.8' E	Fl.R. period 2.5s			PORT (A) R, beacon, topmark.	
5693.3 <i>K 2859.6</i>	--M3.	27° 05.7' S 153° 18.3' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	
5693.4 <i>K 2859.8</i>	--M6.	27° 06.7' S 153° 20.2' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	
5693.45 <i>K 2859.9</i>	--M5.	27° 07.4' S 153° 20.4' E	Fl.(4)Y. period 10s			SPECIAL Y, beacon.	
5693.5 <i>K 2860</i>	--M7.	27° 08.3' S 153° 20.8' E	V.Q.(3)W. period 5s	26 8		E. CARDINAL BYB, articulated beacon, topmark.	
5693.55 <i>K 2860.2</i>	--M9.	27° 09.4' S 153° 20.2' E	Q.(6)+L.Fl.W. period 15s			S. CARDINAL YB, beacon, topmark.	
5693.6 <i>K 2860.4</i>	--M8.	27° 12.2' S 153° 17.2' E	Fl.R. period 2.5s			PORT (A) R, beacon, topmark.	
5693.7 <i>K 2860.81</i>	-East Knoll Bypass Channel, EK1.	27° 08.5' S 153° 19.4' E	Q.G.			STARBOARD (A) G, beacon, topmark.	
5693.8 <i>K 2860.82</i>	--EK2.	27° 08.5' S 153° 19.8' E	Q.R.			PORT (A) R, beacon, topmark.	
5694 <i>K 2861</i>	-East Channel, E1.	27° 10.8' S 153° 20.5' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	
5694.2 <i>K 2861.9</i>	--E3.	27° 12.9' S 153° 20.1' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	
5694.3 <i>K 2862.2</i>	--E2.	27° 13.6' S 153° 20.4' E	Fl.R. period 4s	23 7		PORT (A) R, beacon, topmark.	
5694.4 <i>K 2862.8</i>	--E5.	27° 13.9' S 153° 19.8' E	V.Q.(3)W. period 5s			E. CARDINAL BYB, beacon.	
5694.6 <i>K 2862.6</i>	--E4.	27° 14.0' S 153° 20.3' E	Fl.R. period 4s	23 7		PORT (A) R, beacon, topmark.	
5695.7 <i>K 2863.7</i>	-Skirmish Point, SW.	22° 06.7' S 153° 11.9' E	Q.R.			PORT (A) R, beacon, topmark.	
5695.8 <i>K 2863.6</i>	-South Point, SE.	27° 06.6' S 153° 10.8' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	
5696 <i>K 2863.5</i>	-Pumicestone Channel, entrance.	27° 06.5' S 153° 09.8' E	Fl.Y. period 4s	18 5	8	SPECIAL Y, beacon, topmark.	
5696.2	--Old Bribie.	27° 03.3' S 153° 08.1' E	Fl.Y. period 2s			SPECIAL Y, beacon, topmark.	
5699 <i>K 2864.5</i>	-Scarborough Range, front.	27° 12.6' S 153° 05.5' E	Q.Bu.			Triangular daymark, point up.	Channel is marked by 6 beacons.
5699.1 <i>K 2864.51</i>	--Rear, 300 meters 183° from front.	27° 12.8' S 153° 05.5' E	F.Bu.			Triangular daymark, point down.	F.Y. by day.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
5704 K 2864.3	--Boat harbor entrance channel, No. 1.	27° 11.1' S 153° 06.1' E	Fl.Y. period 4s			SPECIAL Y, beacon, topmark.	Channel marked by lighted beacons.
5708 K 2864.6	-North Reef.	27° 11.0' S 153° 08.0' E	Fl.G. period 4s fl. 0.3s, ec. 3.7s			Tripod beacon.	
5712 K 2865	-Redcliffe Jetty, head.	27° 14.0' S 153° 07.0' E	Fl.R. period 2.5s			PORT (A) R, beacon, topmark.	
5713 K 2865.5	-Garnet Rock.	27° 15.0' S 153° 07.0' E	Fl.G. period 6s			STARBOARD (A) G, beacon, topmark.	
5714 K 2866.3	-Otter Rock.	27° 16.7' S 153° 06.7' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	
5715.05 K 2866.85	--Pine River Approaches.	27° 16.9' S 153° 04.9' E	Fl.R. period 3s			PORT (A) R, beacon, topmark.	
5715.1 K 2866.8	--S. side.	27° 19.5' S 153° 06.4' E	Fl.(4)Y. period 10s			SPECIAL Y, beacon.	
5716 K 2867	-Cabbage Tree Range, front.	27° 20.0' S 153° 05.0' E	Q.Y.			Beacon, triangular daymark, point up.	
5720 K 2867.1	--Rear, 300 meters 233° from front.	27° 20.0' S 153° 05.7' E	Iso.W. period 2s			Beacon, triangular daymark, point down.	
5724 K 2866	-Woody Point.	27° 15.0' S 153° 06.0' E	F.Y.	232	71	On water tower.	
-Brisbane River:							
5728 K 2868	--Range, front.	27° 15.9' S 153° 14.4' E	Q.R.	33	10	6 Framework tower, red circular daymark.	Visible 026°-038°.
			L.Fl.W. period 10s fl. 2s, ec. 8s			4	Visible 038°-026°.
5732 K 2868.1	---Rear, 1.0 mile 031°57' from front.	27° 15.1' S 153° 15.0' E	Iso.W. period 4s	66	20	7 Framework tower, red circular daymark.	Visible 026°-038°.
			Mo.(A)W. period 6s			4	Visible 038°-026°.
--Outer Bay Cutting:							
5734 K 2868.3	---Entrance Range, front.	27° 23.7' S 153° 09.0' E	Q.Bu.			White tower, red top.	F.Y. by day. Shoulder range lights F.G. (F.Y. by day) and F.R. (F.Y. by day) shown 30 meters each side of range. Entrance marked by synchronized lighted beacons.
5735 K 2868.31	----Rear, 1520 meters 211°57' from front.	27° 24.4' S 153° 08.5' E	Iso.Bu. period 4s	82	25	White tower, black stripe.	F.Y. by day.
5736 K 2868.8	---Entrance, W. side, No. 1.	27° 18.7' S 153° 12.4' E	Fl.G. period 4s	23	7	Green beacon, cone topmark.	Synchronized with beacons No. 11 and No. 21.
5740 K 2868.6	---E. side, No. 2.	27° 18.8' S 153° 12.6' E	Fl.Y. period 4s	23	7	SPECIAL Y, beacon, topmark.	Synchronized with beacons No. 12 and No. 22.
5741 K 2869.1	---Coffee Pot, W. side, No. 11.	27° 20.0' S 153° 11.5' E	Fl.G. period 4s	20	6	STARBOARD (A) G, tower, topmark.	
			Iso.Bu. period 2s				Visible on range line only. Forms range 304° with beacon No. 12.
5742 K 2869	---E. side, No. 12.	27° 20.1' S 153° 11.6' E	Fl.R. period 4s	20	6	PORT (A) R, tower, topmark.	
			Q.Bu.				Visible on range line only.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
--Inner Bar Cutting:							
5743 K 2869.4	---W. side, No. 21.	27° 21.7' S 153° 10.4' E	Fl.Y. period 4s			SPECIAL Y, beacon, topmark.	Tide gauge. Old Bar Cutting marked by F.I.R. 2.5s and Fl.G. 2.5s.
5744 K 2869.5	---E. side, No. 22.	27° 21.7' S 153° 10.6' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	Q.Y. and Iso.Y. 2s lights in line 032° indicate when 183 meters from wharf.
5748 K 2869.8	---Luggage Point.	27° 22.8' S 153° 09.5' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	
5750 K 2870	---North Range, front.	27° 22.9' S 153° 09.3' E	F.Bu.			White triangular daymark, red border, point up.	
			Q.Bu.				F.Y. by day.
5752 K 2870.1	---Rear, 125 meters 005°41' from front.	27° 22.9' S 153° 09.3' E	F.Bu.			White triangular daymark, red border, point down.	
			Iso.Bu. period 2s				F.Y. by day.
5754 K 2870.3	---South Range, front.	27° 24.6' S 153° 09.1' E	F.Bu.			White triangular daymark, red border, point up.	
			Q.Bu.				F.Y. by day.
5756 K 2870.4	---Rear 230 meters 185°41' from front.	27° 24.7' S 153° 09.1' E	F.Bu.			Red triangular daymark, point down.	
			Iso.Bu. period 2s				F.Y. by day.
--Lytton Rocks Cutting:							
5758 K 2870.5	---W. side, N. end.	27° 23.8' S 153° 09.2' E	V.Q.(3)W. period 5s			E. CARDINAL BYB, articulated beacon, topmark.	
5760 K 2871.23	---S. end.	27° 24.3' S 153° 09.0' E	Q.(3)W. period 10s			E. CARDINAL BYB, articulated beacon, topmark.	
5762 K 2871.15	---E. side.	27° 24.1' S 153° 09.2' E	Fl.R. period 2.5s			PORT (A) R, beacon, topmark.	
5763 K 2871.2	---Clara Rock.	27° 24.3' S 153° 09.1' E	V.Q.R.			PORT (A) R, articulated beacon, topmark.	
5765 K 2871.25	---Caltex Products Wharf.	27° 24.6' S 153° 08.9' E	Fl.R. period 2.5s			PORT (A) R, beacon, topmark.	
5766 K 2870.6	---North Range, front.	27° 23.7' S 153° 09.3' E	Q.Bu.	16	5	White rectangular daymark, black stripe, on pile beacon.	Visible 290°-110°.
			Fl.R. period 2.5s				Visible 110°-290°.
5766.1 K 2870.7	---Rear, 2593 meters 019°20' from front.	27° 22.4' S 153° 10.2' E	Iso.Bu. period 2s			White rectangular daymark, black stripe, on beacon.	
5767 K 2871	---South Range, front.	27° 25.1' S 153° 08.7' E	F.Bu.			White triangular daymark, red border, point up.	
			Q.Bu.				F.Y. by day.
5767.1 K 2871.1	---Rear, 400 meters 199°20' from front.	27° 25.3' S 153° 08.6' E	F.Bu. period 2s			White triangular daymark, red border, point down.	
			Iso.Bu. period 2s				F.Y. by day.
5768 K 2881	--D'Arcy Lyton boat channel.	27° 25.7' S 153° 12.0' E	Fl.Y. period 2s	16	5	SPECIAL Y, beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
5769 K 2872	--Parker Island, No. 11, - 216°36'.	27° 26.7' S 153° 06.5' E	Dir.F.W.R.G.			White triangular daymark, red border, point up.	F.G. 206°48'-213°24', Al.W.G.-216°, F.W.- 217°12', Al.W.R.- 219°48', F.R.-226°24'.
			Q.Bu.				F.Y. by day.
5770 K 2874.22	---Quarries Reach.	27° 26.9' S 153° 05.5' E	Fl.R. period 3s			Beacon.	
5772 K 2882	-Fisherman Island.	27° 24.1' S 153° 11.0' E	Fl.G. period 3s		12 4	STARBOARD (A) G, beacon, topmark.	Q.G. 360 meters NW. S. side of Boat Channel marked by Port beacons, Fl.R. 3s.
5773 K 2877.5	-Mud Island, W. side.	27° 20.6' S 153° 13.7' E	Q.(9)W. period 15s			W. CARDINAL YBY, beacon, topmark.	
5773.2 K 2877.6	--S. side.	27° 21.1' S 153° 14.5' E	Q.(6)+L.Fl.W. period 15s			S. CARDINAL YB, beacon, topmark.	
5774 K 2885	-Manly Boat Harbor Range, front.	27° 27.3' S 153° 11.3' E	F.Bu.			Beacon, triangular daymark, point up.	F.Y. by day.
5774.1 K 2885.1	--Rear, 416 meters 242° from front.	27° 27.3' S 153° 11.1' E	F.Bu.			Beacon, triangular daymark, point down.	F.Y. by day.
5775 K 2885.2	--No. 1.	27° 26.8' S 153° 12.2' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	Channel marked by lighted port and starboard beacons.
5782 K 2878.5	-St. Helena Island, NW. side.	27° 22.9' S 153° 13.5' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	
5782.2 K 2878.3	--N. side.	27° 22.3' S 153° 14.0' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	
5782.3 K 2878.4	--NW. side.	27° 21.9' S 153° 13.9' E	Fl.R. period 2s			PORT (A) R, beacon, topmark.	
5782.6 K 2878.2	--North Point.	27° 22.2' S 153° 14.2' E	Q.W.			N. CARDINAL BY, beacon, topmark.	
5783 K 2878.7	--Jetty.	27° 23.4' S 153° 13.3' E	Fl.G. period 4s				
5783.1 K 2878	--SE. side.	27° 24.3' S 153° 14.4' E	Q(6)+L.Fl.W. period 15s			S. CARDINAL YB, beacon, topmark.	F.R. on 2 radio masts 1.3 miles N.
5783.3 K 2880.9	-Green Island, N. side.	27° 25.0' S 153° 13.5' E	V.Q.W.			N. CARDINAL BY, beacon, topmark.	
5783.5 K 2880.8	--NW. side.	27° 25.1' S 153° 13.4' E	Q.(9)W. period 15s			W. CARDINAL YBY, beacon, topmark.	
5783.7 K 2880.7	--NE. side.	27° 24.9' S 153° 14.6' E	Fl.R. period 3s			PORT (A) R, beacon, topmark.	
5783.9 K 2880.6	--S. side.	27° 26.5' S 153° 14.5' E	Q.(6)+L.Fl.W. period 15s			S. CARDINAL YB, beacon, topmark.	
5784 K 2886.8	-Hope Bank.	27° 26.2' S 153° 17.4' E	Fl.(2)W. period 6s			ISOLATED DANGER BRB, beacon, topmark.	
5788 K 2897	-Chain Banks, SW. side.	27° 25.0' S 153° 18.0' E	Fl.G. period 2.5s			Green beacon, triangular daymark, point up.	
5792 K 2900.88	Amity Banks, SW. side.	27° 27.2' S 153° 19.6' E	Fl.G. period 6s			STARBOARD (A) G, beacon.	Beacon Fl.G. 4s close ESE.
5800 K 2898.7	-Hanlon.	27° 28.3' S 153° 21.0' E	Fl.R. period 6s		6	PORT (A) R, beacon, topmark.	
5801 K 2898.8	--Close W.	27° 28.3' S 153° 20.8' E	Fl.R. period 2.5s			PORT (A) R, beacon, topmark.	
5802 K 2901	-The Gutter Range, front.	27° 30.0' S 153° 21.0' E	Q.Y.				

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AUSTRALIA-EAST COAST							
5803 K 2901.01	--Rear, 64 meters 194°46' from front.	27° 29.6' S 153° 20.6' E	Iso.W. period 2s				
5804 K 2899.4	-W.A. Douglas.	27° 29.6' S 153° 22.9' E	Q.(6)+L.Fl.W. period 15s	20 6		S. CARDINAL YB, beacon, topmark.	
5805 K 2899.9	-Dunwich Range, front.	27° 29.6' S 153° 24.3' E	F.Bu.				F.Y. by day.
5806 K 2899.91	--Rear, 80 meters 103° from front.	27° 29.6' S 153° 24.2' E	F.Bu.				F.Y. by day.
5807.8 K 2899.98	-Myora Bank.	27° 28.9' S 153° 24.1' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	
5808 K 2900	-Myora.	27° 28.5' S 153° 24.2' E	Fl.R. period 6s	20 6		PORT (A) R, beacon, topmark.	
5808.4 K 2900.1	-Capembah.	27° 28.3' S 153° 24.6' E	Fl.R. period 3s			PORT (A) R, beacon, topmark.	
5809 K 2900.2	-Rainbow Channel.	27° 28.1' S 153° 24.9' E	Q.(9)W. period 15s			W. CARDINAL YBY, beacon, topmark.	
5810 K 2900.52	-Wanga Wallen, S. end.	27° 27.2' S 153° 25.0' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	
5810.2 K 2900.62	--N. end.	27° 25.4' S 153° 25.1' E	Fl.R. period 3s			PORT (A) R, beacon, topmark.	
5812 K 2898	-Cleveland Point, extremity.	27° 30.6' S 153° 17.4' E	Fl.W.R. period 3s	46 14	W. 13 R. 8	White hexagonal tower; 39.	W. 160°-225°, R.-285°, W.-311°, R.-160°.
5813 K 2898.3	--N.	27° 30.3' S 153° 17.1' E	V.Q.W.			N. CARDINAL BY, beacon, topmark.	
5816 K 2863	-Kounungai.	27° 18.0' S 153° 24.0' E	Fl.W.R. period 6s			3 White triangular daymark, black stripe.	W. 066°-121°, R.-066°.
5817 K 2863.2	-Coonungai Bank.	27° 19.5' S 153° 21.5' E	Q.(9)W. period 15s			W. CARDINAL YBY, beacon, topmark.	
5818 K 2901.4	-Fison Channel, No 1.	27° 32.5' S 153° 18.3' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	
5818.1 K 2901.45	--No 2.	27° 32.1' S 153° 17.8' E	Fl.R. period 2.5s			PORT (A) R, beacon, topmark.	
5818.6 K 2901.7	-Banana Bank, N.	27° 32.0' S 153° 20.0' E	Q.(9)W. period 15s			W. CARDINAL YBY, beacon, topmark.	
5820 K 2901.87	-Wallen Wallen, S.	27° 33.6' S 153° 24.1' E	Fl.R. period 2.5s			PORT (A) R, beacon, topmark.	
5821 K 2901.85	-Pelican Banks, N.	27° 33.9' S 153° 24.3' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	
5825 K 2903.015	-Barge ramp.	27° 36.8' S 153° 18.8' E	Fl.G. period 3s			STARBOARD (A) G, beacon, topmark.	
5828 K 2861.5	-Tangalooma Range No. 1, front.	27° 11.5' S 153° 22.0' E	Dir.Q.W.	32 10		Beacon, triangular daymark, point up.	Visible 070°19'-074°19'.
5832 K 2861.51	--Rear, 180 meters 072°19' from front.	27° 11.5' S 153° 22.1' E	Dir.Iso.W. period 2s	229 70		Beacon, triangular daymark, point down.	Visible 070°19'-074°19'.
5836 K 2861.7	--Range No. 2, front.	27° 10.6' S 153° 22.3' E	Dir.Q.Y.			Beacon, triangular daymark, point up.	Visible 027°39'-031°39'.
5840 K 2861.71	--Rear, 030°50' from front.	27° 10.6' S 153° 22.3' E	Dir.Iso.Y. period 2s			Beacon, triangular daymark, point down.	Visible 027°39'-031°39'.
5844 K 2859	-Cowan Point.	27° 09.0' S 153° 22.0' E	Fl.W.R.G. period 2s	30 9	10	Square metal tower, orange and yellow square daymark on NW. and SW. faces.	G. 345°-016°30', R.-048°30', W.-055°, R.-132°, W.-141°, R.-188°. Partially obscured by trees 165°-188°

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AUSTRALIA-EAST COAST							
5848 K 2854	-North Point Range, front.	27° 01.0' S 153° 27.0' E	Q.W.R.	81 25	W. 9 R. 8	Square concrete house, white lantern; 22.	W. 104°-192°, R.-244°, W.-258°, R.-294°, obscured elsewhere.
5852 K 2854.1	-- Cape Moreton , rear, 0.86 mile 132°30' from front.	27° 01.9' S 153° 27.9' E	Fl.(4)W. period 20s fl. 0.1s, ec. 3.3s fl. 0.1s, ec. 3.3s fl. 0.1s, ec. 3.3s fl. 0.1s, ec. 9.7s	400 122	15	White stone tower, red bands and cupola; 75.	
5860 K 2852	Point Lookout.	27° 26.0' S 153° 32.4' E	Fl.(3)W. period 15s	256 78	15	White square concrete tower; 16.	
5864 K 2847	Coolangatta AVIATION LIGHT.	28° 09.0' S 153° 30.6' E	Al.FI.W.G. period 7.4s fl. 0.2s, ec. 3.5s fl. 0.2s, ec. 3.5s	61 19	W. 28 G. 24		
SOUTHPORT:							
5866 K 2850.2	-Gold Coast Seaway Range, front.	27° 56.1' S 153° 25.8' E	Fl.G. period 4s				
5866.1 K 2850.21	--Rear, 1.45 miles 290°50' from front.	27° 55.6' S 153° 24.2' E	Oc.W. period 5s	344 105		Tower.	FW. by day.
5866.3 K 2851	-S. breakwater, head.	27° 56.2' S 153° 25.9' E	Fl.R. period 4s				
5866.5 K 2850	-Entrance Range, front.	27° 56.3' S 153° 25.0' E	Iso.Bu. period 4s			White tower; 16.	
5866.6 K 2850.1	--Rear, 1000 meters 255° from front.	27° 56.4' S 153° 24.3' E	F.Bu.			White pole.	Dir.F.Y. by day.
5868 K 2845	-Point Danger, Captain Cook Memorial.	28° 09.9' S 153° 33.0' E	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	146 44	11	White concrete tower in four columns; 67. Floodlit.	Visible 170°-330°.
5869 K 2846.2	-N. breakwater, head.	28° 10.1' S 153° 33.3' E	Oc.G. period 3s	30 9	8		
5869.1 K 2846.4	-S. breakwater, head.	28° 10.2' S 153° 33.3' E	Q.R.	30 9	8		
5869.2 K 2846.6	-Spur wall, head.	28° 10.2' S 153° 32.9' E	Fl.R. period 3s			1 White post.	
5869.3 K 2846.8	-Terranora Creek, training wall.	28° 11.0' S 153° 33.0' E	Q.W.			2 N. CARDINAL BY, beacon, topmark.	
5872 K 2844	Fingal Head.	28° 11.3' S 153° 34.5' E	Fl.W.R. period 5s	80 24	W. 17 R. 14	White stone tower; 23.	R. 251°-294°, W.-251°. Obscured by Cook Island 229°-242° when near the island.
5876 K 2841	Brunswick River, N. breakwater head.	28° 32.0' S 153° 33.0' E	Fl.G. period 3s fl. 1s, ec. 2s			3 Post.	
5880 K 2840	-S. breakwater, head.	28° 31.6' S 153° 33.4' E	Fl.R. period 3s fl. 1s, ec. 2s			3 Post.	
5884 K 2838	Cape Byron.	28° 37.8' S 153° 38.2' E	Fl.W. period 15s F.R.	387 118 364 111	27 8	White round concrete tower; 74. Same tower.	 Visible 148°-189°.
5888 K 2834	Ballina Head.	28° 51.2' S 153° 35.6' E	Fl.(4)W. period 16s	115 35	14	White round tower; 25.	
5892 K 2835	-N. breakwater, head.	28° 52.0' S 153° 35.5' E	Fl.G. period 3s	23 7	3	Pole.	

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AUSTRALIA-EAST COAST							
5896 K 2836	-S. breakwater, head.	28° 51.8' S 153° 35.4' E	Fl.R. period 3s	30 9	3	Pole; 30.	
5898	AVIATION LIGHT.	28° 48.1' S 153° 31.0' E	Oc.R. period 1.5s	495 151		On tower.	
5900 K 2829	Evans, head.	29° 07.0' S 153° 27.0' E	Fl.W.R. period 5s	167 51	W. 9 R. 7	White hut.	R. 323°-027°, W.-323°.
EVANS RIVER:							
5904 K 2830	-N. breakwater.	29° 06.0' S 153° 26.2' E	Fl.G. period 3s	30 9	3		
5908 K 2831	-S. breakwater, head.	29° 07.0' S 153° 26.0' E	Fl.R. period 3s		3	Mast.	
CLARENCE RIVER:							
5916 K 2819	-S. breakwater, Range, front.	29° 25.2' S 153° 22.3' E	Fl.R. period 3s	13 4	3	Post.	
5920 K 2818	Clarence Head , common rear, 238°30' from front.	29° 25.2' S 153° 22.3' E	Fl.(3)W. period 15s	135 41	16	White concrete tower; 56.	Visible 171°-shore.
	-131° from front.		F.Bu.				Forms range with North Channel light.
5924 K 2818.4	-N. breakwater, head.	29° 25.0' S 153° 22.6' E	Fl.G. period 3s	20 6	3	Post.	
5932 K 2819.9	-Half tide training wall, entrance Range, front.	29° 25.6' S 153° 21.0' E	Q.Bu.			Beacon, triangular daymark, point up.	Visible on range line only. Moved to meet changes in the channel. Forms range 278°32' with common rear.
5936 K 2820	--Common rear.	29° 25.6' S 153° 20.6' E	Oc.Bu. period 3s			Beacon, triangular daymark, point down.	Visible on range lines only.
			Fl.R. period 3s				
5940 K 2820.1	--Front, 770 meters from common rear.	29° 25.1' S 153° 20.6' E	Fl.R. period 3s		3		Visible on range line only. In line 177°58' with common rear.
5945 K 2822	-North channel Range, front.	29° 25.5' S 153° 21.3' E	Iso.Bu. period 2s		4	Beacon, triangular daymark, point up.	Forms range 131° with Clarence Head light.
5948 K 2824	-Range, front.	29° 26.0' S 153° 22.0' E	F.G.	49 15		Beacon, white triangular daymark, black stripe.	
5952 K 2824.1	--Center, 64 meters from front.	29° 26.0' S 153° 21.6' E	F.G.			Beacon, white triangular daymark, black stripe.	
5956 K 2824.2	--Rear, 145 meters 142°30' from front.	29° 26.0' S 153° 21.7' E	F.R.	112 34		Beacon, triangular daymark, point up.	
5960 K 2814	Wooli River Entrance Range, front.	29° 53.1' S 153° 16.2' E	Fl.Bu. period 3s	18 5	4	Post.	
5960.1 K 2814.1	-Rear, 252°11' from front.	29° 53.1' S 153° 16.2' E	Fl.Bu. period 3s				
5964 K 2815.4	-N. breakwater, head.	29° 53.3' S 153° 16.1' E	Fl.G. period 3s	18 5	4		
5968 K 2815	-S. breakwater, head.	29° 53.3' S 153° 16.2' E	Fl.R. period 3s	14 4	4		
5969 K 2815.6	-Channel beacon.	29° 53.5' S 153° 15.9' E	Fl.G. period 3s			STARBOARD (A) G, beacon.	
5972 K 2813	North Solitary Island, summit.	29° 55.3' S 153° 23.3' E	Fl.(2)W. period 10s	190 58	9	White hut; 13.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
5973	Arrawarra.	30° 03.1' S 153° 12.1' E	Fl.Y. period 3s				
5975	Green Bluff.	30° 06.0' S 153° 12.3' E	Fl.Y. period 3s				
5976 K 2812	South Solitary Island.	30° 12.5' S 153° 16.1' E	Fl.W. period 5s	190 58	15	White round tower; 66.	
5979	-N. AVIATION LIGHT.	30° 15.9' S 150° 07.2' E	Iso.R. period 2s	1017 310		On tower.	<i>Reported seen at 30M.</i>
COFFS HARBOR:							
5980 K 2805	-Jetty, head.	30° 18.4' S 153° 08.6' E	Q.(3)W. period 10s				Shown when a vessel is expected.
5982 K 2803.6	-Korffs Islet.	30° 18.9' S 153° 09.4' E	Q.(3)W. period 10s	85 26	3		
5984 K 2804.5	-E. breakwater.	30° 18.2' S 153° 08.8' E	Q.R.	36 11	6	Post.	
5988 K 2804	-Range, front.	30° 18.5' S 153° 08.2' E	Iso.G. period 2s	36 11	5	Orange triangular daymark, point up.	
F.Bu.							
5992 K 2804.1	--Rear, 187 meters 271° from front.	30° 18.5' S 153° 08.1' E	Fl.G. period 3s	128 39	5	Orange triangular daymark, point down.	
F.Bu.							
5993 K 2806	-Boat harbor, E. breakwater, head.	30° 18.3' S 153° 08.7' E	Iso.G. period 2s	24 7	3		
5993.5 K 2807	-Boat harbor, W. breakwater, head.	30° 18.3' S 153° 08.6' E	Fl.R. period 3s	24 7	3		
5996 K 2803	-AVIATION LIGHT.	30° 19.0' S 153° 07.0' E	Al.FI.W.G. period 7.4s	58 18	W. 28 G. 24	Steel tower; 50.	Aero.Iso.R. 2s 1.2 miles NE. and 2.7 miles N.
5999 K 2800	Macleay River, Bar Range, front.	30° 52.6' S 153° 01.0' E	F.Bu.		3	White triangular daymark, point up, black stripe; 10.	Visible 223°-253°. LED outlines daymark.
5999.1 K 2800.1	-Rear, 75 meters 243° from front.	30° 52.7' S 153° 01.0' E	F.Bu.		3	White triangular daymark, point down, black stripe; 16.	Visible 233°-253°. LED outlines daymark.
6002 K 2799.6	-S. breakwater, head.	30° 52.4' S 153° 01.7' E	Q.R.	26 8	5		
6003 K 2799.25	Laggers Point.	30° 52.5' S 153° 04.0' E	Fl.R. period 3s				
6008 K 2799.2	Point Briner.	30° 53.0' S 153° 02.0' E	Fl.R. period 3s fl. 1s, ec. 2s	10 3	1	Post.	
6016 K 2796	Smoky Cape.	30° 55.0' S 153° 05.0' E	Fl.(3)W. period 20s fl. 0.1s, ec. 3.1s fl. 0.1s, ec. 3.1s fl. 0.1s, ec. 13.5s	420 128	25	White octagonal tower; 57.	3 F.R. on tower 8.7 miles SW.
6016.5 K 2796.1	-Fish Rock.	30° 56.4' S 153° 06.0' E	Fl.(2)W. period 7s			Beacon; 3.	
PORT MACQUARIE:							
6017 K 2790	-Bar Range, front.	31° 25.7' S 152° 54.8' E	Dir.Iso.R. period 2s	33 10	2	Beacon, red triangular daymark, point up.	
F.Bu.							

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AUSTRALIA-EAST COAST							
6018 K 2790.1	--Rear, 250 meters 261° from front.	31° 25.7' S 152° 54.6' E	Dir.Iso.R. period 2s	56 17	2	Beacon, red triangular daymark, point down.	
F.Bu.							
6019 K 2792	-S. breakwater.	31° 25.7' S 152° 55.0' E	Fl.R. period 3s	30 9	3	Mast.	
6020 K 2791	-N. breakwater.	31° 25.6' S 152° 55.0' E	Fl.G. period 3s	30 9	4		
6024 K 2788	Tacking Point.	31° 28.6' S 152° 56.2' E	Fl.(4)W. period 20s	111 34	16	White masonry tower and dwelling; 24.	
6028 K 2784	Crowdy Head.	31° 51.0' S 152° 45.0' E	Fl.(2)W.R. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	201 61	W. 16 R. 13	White round tower; 24.	R. 197-227°, W.-197°.
CAPE HAWKE HARBOR:							
6033 K 2779	-Approaches, tide gauge.	32° 10.5' S 152° 30.5' E	Fl.Y. period 3s			SPECIAL Y, beacon, topmark.	
6034 K 2782.4	-Approach Range, front.	32° 10.5' S 152° 30.6' E	Oc.Bu. period 3s	30 9			Entrance marked by beacons.
6034.1 K 2782.6	--Rear, 326 meters 259°30' from front.	32° 10.5' S 152° 30.4' E	Oc.Bu. period 3s	55 17			
6036 K 2781	-S. breakwater.	32° 10.3' S 152° 30.5' E	Q.R.	30 9	5	Pole.	
6040 K 2782	-N. breakwater.	32° 10.2' S 152° 30.5' E	Oc.G. period 3s	30 9	5	Pole.	
6044 K 2783	-Training Wall.	32° 10.5' S 152° 30.5' E	Fl.G. period 5s		5	Pile.	
6048 K 2776	Sugarloaf Point.	32° 26.5' S 152° 32.3' E	Fl.W. period 7.5s	259 79	25	White round masonry tower, lantern; 49.	
F.R.							
				240 73	13	Same tower.	Visible 307°-010° over Seal Rocks and adjacent dangers.
6050 K 2775.9	Little Broughton Island.	32° 37.3' S 152° 20.3' E	Q.(3)W. period 10s	338 103	5		
PORT STEPHENS:							
6052 K 2770	-Point Stephens.	32° 44.8' S 152° 12.0' E	Fl.(4)W. period 30s fl. 0.1s, ec. 4.9s fl. 0.1s, ec. 4.9s fl. 0.1s, ec. 4.9s fl. 0.1s, ec. 14.9s	126 38	17	White round stone tower; 69.	
6054 K 2770.5	-Tomaree, head.	32° 42.7' S 152° 11.3' E	Fl.R. period 4s fl. 1s, ec. 3s	46 14	5		Visible 110°-320°.
6057 K 2771.2	-Fly Point Range, front.	32° 43.0' S 152° 09.0' E	Iso.R. period 2s	46 14	6	Red beacon, rectangular daymark.	
6057.1 K 2771.21	--Rear, 64 meters 094°13' from front.	32° 43.0' S 152° 09.0' E	Fl.R. period 5s	72 22	6	Red beacon, rectangular daymark.	
6061 K 2771.5	-Breakwater, NW.	32° 43.1' S 152° 08.7' E	Iso.G. period 2s	14 4	4		
6061.1 K 2771.6	-Breakwater, SE.	32° 43.2' S 152° 08.7' E	Iso.R. period 2s	14 4	4		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
6062 K 2770.8	-Corrie Island.	32° 41.0' S 152° 08.1' E	Dir.Iso.W.R.G. period 4s	56 17	W. 8 R. 6 G. 6	Green beacon.	G. 291°-292°, W.-295°, R.-296°.
6063 K 2727	Approach to Newcastle.	32° 55.9' S 151° 46.9' E	F.R.	180 55			Occasional.
NEWCASTLE HARBOR:							
6064 K 2728	-Nobby's Head.	32° 55.0' S 151° 48.0' E	Fl.(2+1)W. period 20s fl. 0.3s, ec. 2.7s fl. 0.3s, ec. 8.2s fl. 0.3s, ec. 8.2s	115 35	24	White round tower; 32.	Visible 201°-037°. Storm, tidal, traffic, and night Morse signals. Siren: 1 bl. ev. 20s.
6068 K 2732	-Stockton Range, front, N. breakwater, head.	32° 54.8' S 151° 47.9' E	Oc.G. period 3s lt. 2s, ec. 1s	40 12	5	Black wooden framework beacon, orange triangular daymark.	
6069 K 2732.1	--Rear, 980 meters 265° from front.	32° 54.8' S 151° 47.3' E	F.G.	95 29	6		
6070 K 2733	-Entrance.	32° 54.8' S 151° 47.9' E	F.G.	30 9	2		
6072 K 2730	-S. breakwater, head.	32° 55.0' S 151° 48.1' E	Oc.W.R. period 3s	45 14	W. 8 R. 5	Black wooden framework beacon, orange triangular daymark.	W. 084°-306°, R.-084°.
6076 K 2740	-Entrance Channel Range, front.	32° 55.5' S 151° 46.8' E	F.R.	105 32	5	Metal mast, orange stripe.	F.W. by day.
6078 K 2740.01	--NW. Shoulder Range, front.	32° 55.5' S 151° 46.8' E	F.G.				Forms range 234°47' with common rear. Siren.
6079 K 2740.02	--SE. Shoulder Range, front.	32° 55.5' S 151° 46.8' E	F.G.				Forms range 238°25' with common rear.
6080 K 2740.1	--Common rear, 403 meters 236°06' from front.	32° 55.7' S 151° 46.6' E	F.W.	167 51	5	Metal mast, orange stripe.	Shown by day.
6088 K 2729	-Approach Range, front.	32° 55.3' S 151° 47.1' E	F.G.	50 15	10	Mast, orange stripe.	Visible 236°-115°, intensified 237°18'-252°18'.
6092 K 2729.1	--Dyke Point, rear, 1,000 meters 244°50' from front.	32° 55.4' S 151° 46.6' E	F.G.	80 24	10	Mast, orange stripes.	Visible 190°-110°, intensified 237°18'-252°18'.
6093 K 2750	-Pilot Wharf.	32° 55.5' S 151° 47.3' E	2 F.R.				Occasional.
6094 K 2742	-Queens Wharf, NW. corner.	32° 55.6' S 151° 46.8' E	Fl.R. period 3s				
6094.1 K 2742.2	--NE. corner.	32° 55.6' S 151° 46.8' E	Fl.R. period 3s				
6096 K 2759	-W. Basin.	32° 55.2' S 151° 46.1' E	F.R.	203 62	10	On silo.	Visible 167°-347°. F.W. by day. F.G. marks SE. corner of W. Basin.
6097 K 2757.5	-Throsby No. 1.	32° 55.4' S 151° 45.7' E	Dir.W.R.G.	111 34	15	Gray metal tower; 105.	F.G. 272°06'-273°42', Al.W.G.-274°18' (W. phase increasing with bearing), F.W.-274°54', Al.W.R.-275°36' (R. phase increasing with bearing), F.R.-277°06'. 3 Fl.R. 3s shown along Lee Wharf.
6100 K 2743	-Horse Shoe Range, front.	32° 55.5' S 151° 47.3' E	F.R.	31 9		Mast, orange triangular daymark.	
6104 K 2743.1	--Rear, 180 meters 102°31' from front.	32° 55.4' S 151° 47.5' E	F.R.	47 14		Metal framework tower, orange triangular daymark.	

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AUSTRALIA-EAST COAST							
6108 <i>K 2758</i>	-Wickham Range, front.	32° 55.6' S 151° 47.2' E	F.R.	56 17		Mast, red triangular daymark.	
6112 <i>K 2758.1</i>	--Rear, 203 meters 094°37' from front.	32° 55.5' S 151° 47.5' E	F.R.	85 26		Mast, red triangular daymark.	
6116 <i>K 2762</i>	-Stockton Crossing Range, front.	32° 54.5' S 151° 46.8' E	F.R.	19 6	4	Pile beacon, orange triangular daymark.	
6120 <i>K 2762.1</i>	--Rear, 197 meters 039°38' from front.	32° 54.3' S 151° 46.9' E	F.R.	30 9	6	Metal framework tower, orange and white triangular daymark.	
6121 <i>K 2760.5</i>	-Steelworks Channel Range, front.	32° 55.1' S 151° 46.4' E	Oc.G. period 20s	92 28	6	Orange square daymark.	Visible 095°-255°. 5 Fl.R. 3s mark dockyard berths.
	-AVIATION LIGHT.		F.R.	92 28			
6121.2 <i>K 2760.51</i>	--Rear, 388 meters 174°41' from front.	32° 55.3' S 151° 46.5' E	F.G.	112 34	6	Orange square daymark.	Visible 095°-225°. Floodlit.
6125 <i>K 2760</i>	-Port Waratah.	32° 53.3' S 151° 46.1' E	2 Dir.F.W.R.G.	210 64	W. 14 R. 12 G. 12	Metal column; 197.	F.W.G. 349°41'-354°41', F.W. 354°41', F.W.R. 354°41'-359°41'. 2 W. lights (horiz.) visible when within center of 10 meter channel.
6125.4 <i>K 2760.4</i>	-Walsh Point.	32° 53.8' S 151° 46.4' E	Dir.F.W.R.G.			Pole.	R. 129°55'-133°55', W.- 135°55', G.-139°55'. Shown 24 hours. 2 Fl. R. 3s lights mark wharves W.
6126 <i>K 2764</i>	-Hunter River, No. 1.	32° 53.5' S 151° 47.2' E	Fl.G. period 3s			Black beacon.	
6127 <i>K 2765.2</i>	-Stockton Bridge, center.	32° 53.2' S 151° 47.1' E	F.Bu.				On N. and S. sides.
6127.1 <i>K 2765</i>	--W. side.	32° 53.1' S 151° 47.2' E	Fl.R. period 3s				On N. and S. sides.
6127.2 <i>K 2765.4</i>	--E. side.	32° 53.1' S 151° 47.2' E	Fl.G. period 3s				On N. and S. sides.
6128 <i>K 2766</i>	-Hunter River, No. 4.	32° 52.8' S 151° 46.9' E	Fl.R. period 3s			Red beacon.	Channel marked by lighted buoys and beacons No. 5 to No. 15.
6134 <i>K 2722</i>	-Moon Island.	33° 05.2' S 151° 40.4' E	Iso.W.R. period 2s	39 12	5		W. 078°-010°, R.-078°.
CATHERINE HILL BAY:							
6152 <i>K 2712</i>	-Norah Head.	33° 16.9' S 151° 34.6' E	Fl.W. period 15s	151 46	26	White tower; 90.	
			F.R.	128 39	7		Visible 210°-241°.
			F.G.	144 44	8		Visible 000°-040°.
6154 <i>K 2711</i>	Terrigal.	33° 27.0' S 151° 26.7' E	Fl.W.G. period 2s	246 75	W. 5 G. 2		G. 205°-225°, W.-349°.
BROKEN BAY:							
6156 <i>K 2702</i>	-Barranjoey Head.	33° 34.7' S 151° 19.8' E	Fl.(4)W. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	371 113	19	Red round stone tower; 64.	Visible 012°-343°.

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AUSTRALIA-EAST COAST							
CROOKHAVEN RIVER:							
6160 <i>K 2710</i>	-Lobster Beach.	33° 32.0' S 151° 20.0' E	Q.G.		6 2	4 Beacon.	
6164 <i>K 2710.2</i>	--	33° 31.8' S 151° 20.4' E	Fl.G. period 3s		6 2	4 Beacon.	
6168 <i>K 2710.4</i>	--Off Wagstaff Point.	33° 31.4' S 151° 20.0' E	Iso.G. period 2s		6 2	4 Beacon.	
6172 <i>K 2707.8</i>	-Flat Rock Point.	33° 33.0' S 151° 14.0' E	Fl.R. period 3s fl. 1s, ec. 2s		26 8	4 Pile.	
PORT JACKSON:							
6176 <i>K 2637</i>	-Outer N. head.	33° 49.5' S 151° 18.0' E	Iso.G. period 2s		240 73	3 Mast.	
6180 <i>K 2636</i>	-Hornby.	33° 50.1' S 151° 16.8' E	L.Fl.W. period 5s fl. 2s, ec. 3s		90 27	15 Tower, red and white stripes; 30.	Visible 240°-334°. F.R. obstruction lights mark 3 radio masts on Middle Head.
6184 <i>K 2638</i>	-Entrance Range, front.	33° 49.0' S 151° 16.0' E	Oc.(4)W.R.G. period 15s lt. 8s, ec. 1s lt. 1s, ec. 1s lt. 1s, ec. 1s lt. 1s, ec. 1s		61 19	W. 12 White tower. R. 9 G. 9	G. 276°-288°, W.-306°, R.- 312°, obscured elsewhere.
6188 <i>K 2638.1</i>	--Rosherville, rear, 1,690 yards 294° from front.	33° 48.8' S 151° 14.7' E	Fl.G. period 3s fl. 1s, ec. 2s		142 43	12 White tower.	F.R. and Oc.R. lights on two towers 2.6 miles W.
6190 <i>K 2641</i>	-Manly Cove.	33° 48.2' S 151° 17.0' E	Fl.(2)W. period 7s fl. 1s, ec. 1s fl. 1s, ec. 4s			ISOLATED DANGER BRB, beacon, topmark.	
6190.1 <i>K 2641.1</i>	--Manley Wharf, E. side.	33° 48.0' S 151° 17.0' E	2 F.R.				
6190.2 <i>K 2641.102</i>	---W. side.	33° 48.0' S 151° 17.0' E	2 F.G.				
6191 <i>K 2638.52</i>	-Middle Harbor, Spit Bridge, N. channel, N. side.	33° 48.1' S 151° 14.8' E	F.G.				On both sides of bridge.
6191.1 <i>K 2638.57</i>	---S. side.	33° 48.2' S 151° 14.8' E	F.R.				On both sides of bridge.
6191.5 <i>K 2638.53</i>	--S. channel, N. side.	33° 48.2' S 151° 14.8' E	F.G.				On both sides of bridge.
6191.6 <i>K 2638.55</i>	---S. side.	33° 48.2' S 151° 14.8' E	F.R.				On both sides of bridge.
6192 <i>K 2644</i>	-Western Channel Beacon.	33° 50.4' S 151° 15.9' E	Oc.R. period 3s lt. 2s, ec. 1s		26 8	5 White beacon on piles.	
6193 <i>K 2643</i>	--Georges Head.	33° 50.4' S 151° 15.7' E	Q.G.			STARBOARD (A) G, pile, topmark.	
6196 <i>K 2652</i>	-Eastern Channel Beacon, SE. end of shoal.	33° 50.5' S 151° 16.3' E	Oc.G. period 3s lt. 2s, ec. 1s		26 8	5 White beacon on piles.	
SYDNEY HARBOR:							
6200 <i>K 2650</i>	-E. side of entrance to Vaucluse Bay Range, front.	33° 51.0' S 151° 16.0' E	F.R.		52 16	5 White tower.	Obscured on bearings less than 143°.

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AUSTRALIA-EAST COAST							
6204 K 2650.1	--Rear, 945 meters 186° from front.	33° 51.6' S 151° 16.3' E	F.R.	275 84	5	White tower.	
6204.7 K 2652.5	-Bottle and Glass Point.	33° 50.9' S 151° 16.2' E	Fl.R. period 3s			PORT (A) R, beacon, topmark.	
6205 K 2653.5	-Shark Bay.	33° 51.0' S 151° 15.9' E	Q.R.			PORT (A) R, pile, topmark.	
6205.5 K 2654	--Point.	33° 51.2' S 151° 15.7' E	Fl.Y. period 3s			Dolphin.	
6206 K 2653	-Vaucluse.	33° 51.8' S 151° 16.5' E	Oc.W.R. period 3s	423 129	4	On water tower.	R. 084°-097°30', W.-165°. F.R. 138 meters and 123 meters on water tower 1.6 miles SW.
6208 K 2656	-Shark Island.	33° 51.0' S 151° 15.0' E	Fl.(3)R. period 8s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 3s	40 12	6	White tower.	Visible in fairway of harbor between Shark Point and Point Piper.
6209 K 2657	--Off W. side.	33° 51.6' S 151° 15.3' E	Q.(9)W. period 15s			W. CARDINAL YBY, beacon, topmark.	
6210 K 2656.6	--Off S. side.	33° 51.6' S 151° 15.5' E	Q.(6)+L.Fl. period 15s			S. CARDINAL YB, beacon, topmark.	
6214 K 2663.7	-Athol Bay, Athol Wharf, W. side.	33° 50.8' S 151° 14.4' E	F.G.				
6215 K 2663.6	--E. side.	33° 50.8' S 151° 14.4' E	F.R.				
6216 K 2662	-Bradley, head.	33° 51.2' S 151° 14.8' E	Oc.G. period 3s	22 7	6	White tower.	
6217 K 2662.2	--Off E. side.	33° 51.2' S 151° 14.9' E	Q.(3)W. period 10s			E. CARDINAL BYB, beacon, topmark.	
6218 K 2663	-Clarke Island, S.	33° 51.9' S 151° 14.4' E	Q.G.			STARBOARD (A) G, beacon, topmark.	
6219 K 2663.5	-Darling Point, NW.	33° 52.1' S 151° 14.0' E	Fl.R. period 3s			PORT (A) R, beacon, topmark.	
6220 K 2664	-Cremorne Point.	33° 51.0' S 151° 14.0' E	Oc.G. period 3s	25 8	5	White round tower; 26.	
6222 K 2665	-Garden Island.	33° 51.5' S 151° 13.7' E	Q.R.			PORT (A) R, pile, topmark.	
6224 K 2666	-Fort Denison.	33° 51.3' S 151° 13.6' E	Fl.(4)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	61 19	5	White tower.	
6226 K 2668	--Off SW. extremity.	33° 51.4' S 151° 13.4' E	Oc.G. period 3s	20 6	6	White tapered structure.	
6236 K 2673.5	-Wudyong Point breakwater, head.	33° 50.8' S 151° 13.2' E	Iso.R. period 6s				
6244 K 2674	-Kirribilli Point Reef.	33° 51.0' S 151° 13.0' E	F.G.	11 3	3	White pylon.	
6248 K 2678	-Bennelong Point.	33° 51.3' S 151° 12.9' E	F.R.	12 4	3	Red beacon, cage daymark.	
6252 K 2682	-Sydney Cove, entrance, W. side.	33° 51.3' S 151° 12.6' E	F.R.	23 7	6	Red beacon, cage daymark.	
6256 K 2676	-Bridge between Milsons Point and Dawes Point.	33° 51.1' S 151° 12.6' E	F.R.Y. (neon)	172 52	5	Center of bridge, diamond daymark, yellow stripe.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
6257 K 2676.2	--W. side.	33° 51.1' S 151° 12.6' E	F.R.Y.	171 52	5		
6260 K 2684	-Dawes Point.	33° 51.3' S 151° 12.6' E	F.R.	23 7	6	Tower.	
6261 K 2686	--NW.	33° 51.3' S 151° 12.4' E	Oc.R. period 3s	39 12	3	On shed.	
6264 K 2676.4	-AVIATION LIGHT.	33° 51.2' S 151° 12.6' E	Oc.R. period 1.5s lt. 1s, ec. 0.5s	453 138	25	Top of center span.	
6268 K 2688	-Blues Point.	33° 51.0' S 151° 12.6' E	Iso.G. period 2s	58 18	6	White octagonal framework tower.	
6272 K 2695	-Goat Island.	33° 51.0' S 151° 12.0' E	Oc.W. period 3s lt. 2s, ec. 1s	43 13	3	White octagonal wooden tower.	
6276 K 2692	-Range, front.	33° 51.0' S 151° 12.0' E	F.G.				
6280 K 2692.1	--Rear, 55 meters 354°44' from front.	33° 51.2' S 151° 11.8' E	F.G.				
6284 K 2693	-Range, front.	33° 51.2' S 151° 11.8' E	F.R.				
6288 K 2693.1	--Rear, 50 meters 354°20' from front.	33° 51.2' S 151° 11.8' E	F.R.				
6289	-Pier, SE. end.	33° 51.2' S 151° 11.8' E	F.G.		2		
6292 K 2695.4	--Coal loader, NW. extremity.	33° 51.0' S 151° 12.0' E	Iso.R. period 2s	26 8	6		
6293 K 2695.5	-Simmons Point.	33° 51.3' S 151° 11.5' E	F.R.			PORT (A) R, beacon, topmark.	
6294 K 2696	-Peacock Point.	33° 51.7' S 151° 11.7' E	Oc.G. period 2s	13 4	2	Pile structure.	
6295 K 2696.4	-White Bay Container Terminal.	33° 51.8' S 151° 11.4' E	Q.W.				
6295.5 K 2696.55	-Glebe Island.	33° 51.9' S 151° 11.1' E	F.R.	10 3			
6295.6 K 2696.71	--Old bridge.	33° 52.1' S 151° 11.2' E	F.W.				Shown from each end of pontoon. Fl.G. 3s marks E. side of pontoon.
6295.63 K 2696.73	--New bridge, W. side.	33° 52.2' S 151° 11.0' E	F.G.				On N. and S. side.
6295.65 K 2696.74	--E. side.	33° 52.2' S 151° 11.1' E	F.R.				On N. and S. side.
6296 K 2689	-Millers Point.	33° 51.4' S 151° 12.0' E	2 F.R.	10 3			Fl.R. 3s and Fl.G. 3s mark Pyrmont Bridge 1680 meters S.
6296.1 K 2689.5	--S.	33° 51.5' S 151° 12.1' E	F.G.				
6298 K 2696.84	-Balls, head.	33° 51.0' S 151° 11.5' E	Fl.G. period 3s		6	Beacon.	
6299 K 2696.82	-Gore Cove.	33° 50.5' S 151° 11.2' E	Fl.G. period 3s		6	Beacon.	
6300 K 2697	-Mann's Point.	33° 51.0' S 151° 11.5' E	F.G.			Pipe on dolphin.	
6304 K 2697.2	-Longnose Point.	33° 50.9' S 151° 11.1' E	F.R.		4		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
6305 <i>K 2696.9</i>	-Snails Bay.	33° 51.1' S 151° 11.3' E	Iso.R. period 2s			Dolphin.	Iso.R. 2s marks dolphin 90 meters SE. Q.Y. lights mark 12 dolphins close W.
6306 <i>K 2698.2</i>	-Birkenhead Point Marina.	33° 51.4' S 151° 09.9' E	Fl.Y. period 4s	16	5		Marina marked by Fl.G. 4s and Fl.Y. 4s.
6308 <i>K 2697.9</i>	-Spectacle Island, off NE. side.	33° 50.9' S 151° 09.9' E	Fl.Y. period 3s			SPECIAL Y, beacon.	
6309 <i>K 2697.92</i>	--Off NW. side.	33° 50.9' S 151° 09.7' E	Fl.Y. period 3s			SPECIAL Y, beacon.	
6310 <i>K 2698</i>	--Off S. side.	33° 51.1' S 151° 09.8' E	F.G.			STARBOARD (A) G, beacon.	
6311 <i>K 2697.5</i>	-Fern Bay Marina.	33° 50.7' S 151° 09.7' E	F.W.				
6312 <i>K 2698.35</i>	-Wrights Point.	33° 50.6' S 151° 09.2' E	Fl.R. period 3s			PORT (A) R, beacon, topmark.	
6313 <i>K 2698.36</i>	-Tarban Point.	33° 50.4' S 151° 08.9' E	Q.(3)W. period 10s			E. CARDINAL BYB, beacon, topmark.	
6316 <i>K 2632</i>	-Macquarie.	33° 51.3' S 151° 17.0' E	Fl.(2)W. period 10s	344	25	105 White round tower; 85.	Visible 204°-359°, (unintens.)-016°, obsc.-073°, (unintens.)-094°, obsc.-115°, (unintens.)-130°, obsc.-204°.
BOTANY BAY:							
6324 <i>K 2623</i>	-Henry Head, Endeavour.	33° 59.9' S 151° 14.3' E	Oc.W.R. period 3s lt. 2s, ec. 1s	89	7	27 White round tower; 13.	R. 285°-320°, W.-103°, R.-140°. Visible 260°-114°.
6325 <i>K 2624.4</i>	-Inscription Point.	34° 00.0' S 151° 14.0' E	Iso.W.R. period 2s	103	W. 7 R. 5	31	W. 127°30'-312°, R.-344°.
6327 <i>K 2624</i>	-312°.	33° 58.0' S 151° 11.1' E	Dir.F.W.R.G.	56	W. 13 R. 5 G. 5	17	F.G. 306°06'-310°06', Al.W.G.-311°18', F.W.-312°36', Al.W.R.-313°48', F.R.-316°.
6336 <i>K 2624.45</i>	-Sutherland Point.	34° 00.1' S 151° 13.2' E	Fl.W. period 2s				G. 288°30'-306°06', R.-326°42'. Beacon.
6344 <i>K 2625</i>	-Range, front, about 372 meters 200° from La Perouse Tower.	33° 59.5' S 151° 13.9' E	F.G.	62	8	19	Visible 043°-103°.
6348 <i>K 2625.1</i>	--Rear, about 914 meters 073°12' from front.	33° 59.4' S 151° 14.4' E	F.G.				Visible 043°-103°.
6349 <i>K 2625.5</i>	-Range, front.	34° 00.0' S 151° 12.3' E	Fl.Y. period 2s				Iso.Y. 2s lights form ranges 271°22' and 273°53' close NW.
6349.1 <i>K 2625.51</i>	--Rear, 220 meters 253°12' from front.	34° 00.0' S 151° 12.2' E	Fl.Y. period 2s				
6352 <i>K 2626</i>	-Refinery jetty, head.	34° 00.0' S 151° 13.0' E	F.R. period 5s	37	3	11	Private aid.
6356 <i>K 2624.5</i>	-Refinery jetty approach.	34° 00.0' S 151° 13.0' E	Iso.R. period 2s Q.W.	26	7	8	N. CARDINAL BY, topmark.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
6358 K 2626.4	-Channel beacon No. 1.	33° 59.3' S 151° 12.8' E	Fl.G. period 1.5s			STARBOARD (A) G, pile, topmark.	
6358.2 K 2626.42	--No. 2.	33° 59.4' S 151° 12.6' E	Fl.R. period 1.5s			PORT (A) R, pile, topmark.	Channel marked by lighted buoys and beacons.
6358.8 K 2626.48	-Jetty, head.	33° 58.9' S 151° 12.5' E	Q.Bu.	75 23	4		In line 312° with beacon Q.Bu. 16m 4M close SE.
			Dir.W.R.G.	56 17			F.G. 173°48'-176°38', Al.W.G.-179°28', F.W.- 182°23', Al.W.R.- 185°13', F.R.-188°10'.
6360 K 2626.6	-004°.	33° 58.2' S 151° 12.5' E	Dir.W.R.G.	49 15	W. 9 R. 7 G. 7		F.G. 354°-359°, Al.W.G.- 001°30' (W. phase increasing with bearing), F.W.-006°30', Al.W.R.- 009° (R. phase increasing with bearing), F.R.-014°.
6364 K 2626.64	-ANL Container Terminal, SW corner.	33° 58.0' S 151° 12.0' E	FR.	19 6	4		
6376 K 2626.7	--RoRo berth 3.	33° 58.2' S 151° 13.0' E	Iso.R. period 3s	23 7	3		
6380 K 2626.76	-Brotherson Dock, S. quay, W. corner.	33° 58.4' S 151° 12.6' E	Fl.G. period 3s	23 7	4		
6381 K 2626.8	-Brotherson Dock, N. Range, front.	33° 58.2' S 151° 13.2' E	FW.	59 18			
6381.1 K 2626.81	--Rear, 46 meters 073°22' from front.	33° 58.1' S 151° 13.3' E	FW.	75 23			
6382 K 2626.9	--S. Range, front.	33° 58.2' S 151° 13.2' E	FW.	59 18			
6382.1 K 2626.91	---Rear, 46 meters 068°49' from front.	33° 58.1' S 151° 13.3' E	FW.	75 23			
6383 K 2626.95	--N. jetty, head.	33° 58.2' S 151° 13.1' E	Iso.R. period 2s	23 7	2		3 Fl.(2)W. 5s mark dolphins.
6384 K 2626.93	--S. jetty, head.	33° 58.2' S 151° 13.1' E	FR.				
6386 K 2628	-Sydney Airport, runway, W. side.	33° 58.5' S 151° 11.4' E	Q.(9)W. period 15s			W. CARDINAL YBY, beacon, topmark.	E. side marked by 3 E. Cardinal beacons Q.(3)W. 10s.
6388 K 2630	-S. breakwater, head.	33° 57.1' S 151° 10.1' E	Q.R.		3		
6392 K 2631.8	-Georges River, Captain Cook Bridge.	34° 00.6' S 151° 07.6' E	FR.	54 16		Top of center span.	River marked by various IALA aids to navigation.
6393 K 2630.6	--Entrance.	33° 59.5' S 151° 09.4' E	Q.W.			N. CARDINAL BY, beacon, topmark.	W. shore of Botany Bay marked by 7 E. and 1 S. cardinal lighted beacons.
6394 K 2631.35	--Sailing Club.	33° 59.8' S 151° 08.7' E	Fl.Y. period 5s				
6396 K 2631.9	-Sans Souci.	34° 00.0' S 151° 07.0' E	FG.	7 2	2	Pile.	
6397 K 2631.95	Woolaware Bay Range, front.	34° 01.2' S 151° 07.6' E	FR.	26 8	1		Pelican Point marked by W. cardinal beacon Q.(9) 15s.
6397.1 K 2631.96	-Rear, 226°05' from front.	34° 01.2' S 151° 07.6' E	FR.	39 12	1		
6400 K 2629	-Kingsford Smith Airport, AVIATION LIGHT.	33° 56.9' S 151° 10.1' E	Al.Fl.W.G. period 8s	75 23	W. 28 G. 25	Control tower.	On request.

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AUSTRALIA-EAST COAST							
6401 K 2626.3	-Kurnell Beach.	34° 00.5' S 151° 12.5' E	Q.W.			N. CARDINAL BY, beacon, topmark.	
6402 K 2626.35	--W. end.	34° 00.3' S 151° 11.5' E	Fl.Y. period 2s			SPECIAL Y, beacon, topmark.	
6404 K 2622	Cape Baily.	34° 02.2' S 151° 13.3' E	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	180 55	13	White square concrete tower; 30.	
6408 K 2619	Port Hacking, Glaisher Point.	34° 04.0' S 151° 09.0' E	Oc.W.R. period 3s	33 10	W. 12 R. 9	White mast; 17.	R. 202°-245°, W.-280°, R.- 314°, W.-004°, obscured elsewhere.
6409 K 2619.3	-Entrance channel.	34° 04.5' S 151° 09.1' E	Fl.G. period 3s			STARBOARD (A) G, beacon, topmark.	Channel is marked by lighted and unlighted beacons.
6412 K 2619.5	-Burraneer Point.	34° 04.5' S 151° 08.4' E	Iso.W. period 2s	13 4	8		
WOLLONGONG HARBOR:							
6416 K 2614	-Wollongong Head.	34° 25.3' S 150° 54.6' E	Oc.W.R. period 6s lt. 4.5s, ec. 1.5s	131 40	W. 18 R. 15	White round concrete tower; 83.	R. 188°-213°, W.-312°, R.- 358°, W.-008°, obscured elsewhere.
6420	-E. breakwater, head.	34° 25.0' S 150° 54.0' E	Fl.R. period 3s	26 8	3	White column; 16.	
6424 K 2617	-W. breakwater, elbow.	34° 25.2' S 150° 54.3' E	Fl.G. period 3s fl. 1s, ec. 2s		3	Post; 10.	
6428 K 2618	-Entrance Range, front.	34° 25.3' S 150° 54.3' E	Fl.R. period 3s			Black beacon, white stripe.	
			F.Bu.				
6432 K 2618.1	--Rear, 50 meters 190° from front.	34° 25.3' S 150° 54.3' E	Fl.R. period 3s			Black beacon, white stripe.	
			F.Bu.				
PORT KEMBLA:							
6437 K 2602	-Port Kembla, Range, front.	34° 28.5' S 150° 54.3' E	Dir.AI.F.W.R.G.	52 16	12	White round metal pylon with platform, orange triangular daymark, point up.	F.G. 210°24'-211°36', Al.G.W.-212°18' (W. phase increasing with bearing), F.W.-213°30', Al.W.R.- 214°12' (R. phase increasing with bearing), F.R.-215°24'.
6437.1 K 2602.1	--Rear, 481 meters 213° from front.	34° 28.7' S 150° 54.0' E	F.Bu.	109 33	5	Orange triangular daymark, point down.	
6440 K 2601	-N. breakwater, head.	34° 28.0' S 150° 55.0' E	Q.G.	39 12	6	Metal tower.	
6444 K 2600	-E. breakwater, head.	34° 27.9' S 150° 54.8' E	Q.R.	56 17	6	Metal tower.	F.R. 14m lights 200 and 400 meters S. mark remainder of breakwater.
6448 K 2609	-E. breakwater, middle.	34° 28.3' S 150° 54.7' E	Q.W.		2		Visible 115°-155°. F.R. lights shown along breakwater 192 meters and 328 meters N.
6452 K 2604	-Jetty No. 4, outer head.	34° 28.2' S 150° 54.7' E	F.G.	20 6	1	Square framework mast, red daymark.	F.Bu. at light tower.
6460 K 2608	-No. 6 Jetty, head.	34° 28.1' S 150° 54.3' E	F.G.	30 9	1	Brick building.	F.Bu. shown at root of jetty.

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AUSTRALIA-EAST COAST							
6464 <i>K 2610</i>	-Inner harbor Range, front.	34° 27.5' S 150° 53.0' E	F.G.	118 36	3	Metal framework tower, yellow triangular daymark, point up, red stripe; 95.	
6464.1 <i>K 2610.1</i>	--Rear, 600 meters 300°17' from front.	34° 27.2' S 150° 52.8' E	F.G.	151 46	3	Metal framework tower, yellow triangular daymark, point down, red stripe; 75.	
6468 <i>K 2612</i>	-N. mole, head.	34° 27.8' S 150° 54.0' E	2 F.G. (vert.)			Metal pole.	
6472 <i>K 2612.2</i>	--Root.	34° 27.7' S 150° 53.9' E	5 F.G. (vert.)			Metal pole.	
6476 <i>K 2611</i>	-S. mole, head.	34° 27.8' S 150° 54.0' E	2 F.R. (vert.)			Black metal pole.	
6480 <i>K 2611.2</i>	--Root.	34° 27.8' S 150° 53.9' E	5 F.R. (vert.)			Metal pole.	
6495	Shell Harbor, E. breakwater, head.	34° 34.7' S 150° 52.6' E	Fl.G. period 3s				Fl.R. 3s marks W. breakwater.
6495.5 <i>K 2599.8</i>	-Range, front.	34° 34.7' S 150° 52.2' E	F.Bu.				
6495.6 <i>K 2599.81</i>	--Rear, 248° from front.	34° 34.7' S 150° 52.2' E	F.Bu.				
6496 <i>K 2598</i>	Kiama Harbor.	34° 40.3' S 150° 52.0' E	Fl.(4)W. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	119 36	16	White round brick tower; 51.	2 Iso.R. 2s 6M form entrance range 212°.
6498 <i>K 2598.5</i>	-S., head.	34° 40.3' S 150° 52.2' E	Fl.R. period 3s	52 16	6		
6500 <i>K 2594</i>	Crookhaven River, entrance.	34° 54.2' S 150° 46.8' E	Q.W.	72 22	8	White round tower; 23.	F.Bu. range lights, moved as channel alters, lead over bar.
JERVIS BAY:							
6504 <i>K 2588</i>	-Perpendicular Point.	35° 05.6' S 150° 48.2' E	Fl.W. period 10s	311 95	19	White hut on metal framework tower; 62.	Visible 231°-028° and in Jervis Bay. F.R. lights on radio masts 5M SW.
6505 <i>K 2588.5</i>	-No. 6.	35° 07.6' S 150° 45.1' E	Fl.W.R. period 5s			Beacon.	W. 145°-194°, R.-145°.
6506 <i>K 2590</i>	-Captain Point.	35° 07.3' S 150° 43.0' E	Iso.R. period 2s	16 5	3		Fl.Y. (occas.) range lights shown from Currumbene Creek.
6508 <i>K 2589</i>	-Beacon No. 2.	35° 08.0' S 150° 43.0' E	Fl.W.R. period 5s			Post, white diamond daymark.	W. 150°-240°, R.-270°.
6512 <i>K 2591</i>	-- No. 1.	35° 07.0' S 150° 43.0' E	Oc.W.R. period 5s			White framework tower.	R. 180°-200°, W.-310°.
6514	-Dent Rock.	35° 04.1' S 150° 40.9' E	Fl.(2)W. period 7s			ISOLATED DANGER BRB, beacon, topmark.	
6518 <i>K 2592.65</i>	-Huskisson Reef.	35° 02.1' S 150° 40.7' E	Iso.W. period 2s			Black beacon, red bands.	
6519 <i>K 2592.6</i>	-Currumbene Creek Range, front.	35° 02.3' S 150° 40.2' E	Fl.Y.			Red triangular daymark, point up.	Occasional.
6519.1 <i>K 2592.61</i>	--Rear, 64 meters from front.	35° 02.3' S 150° 40.2' E	Fl.Y.			Red triangular daymark, point down.	Occasional.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
6520 <i>K 2584</i>	Warden, head.	35° 22.3' S 150° 30.3' E	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	112 34	14	White round iron tower; 40.	
6524 <i>K 2587</i>	-Ulladulla, N. breakwater.	35° 21.0' S 150° 29.0' E	Fl.G. period 3s	30 9	3	White post; 10.	
6528 <i>K 2586</i>	--S. Breakwater.	35° 22.0' S 150° 29.0' E	Fl.R. period 3s	30 9	3	White post; 10.	
6532 <i>K 2585</i>	--Range, front.	35° 21.3' S 150° 28.5' E	F.Bu.	13 4	3	Blue triangular daymark, point up; 13.	
6536 <i>K 2585.1</i>	--Rear, 30 meters 269°06' from front.	35° 21.3' S 150° 28.5' E	F.Bu.	23 7	3	Blue triangular daymark, point down; 23.	
6540 <i>K 2577.8</i>	Brush Island.	35° 32.0' S 150° 25.0' E	Fl.W. period 2.5s fl. 0.5s, ec. 2s	158 48	9	White hut; 11.	
6544 <i>K 2582</i>	Batemans Bay Range, front.	35° 43.4' S 150° 11.6' E	Iso.Y. period 2s	30 9	4	Orange triangular daymark, point up; 30.	Moved as channel changes.
			F.Bu.	23 7	4	Blue triangular daymark, point up; 23.	By night.
6548 <i>K 2582.1</i>	-Rear, 275 meters 276° from front.	35° 43.4' S 150° 11.4' E	Iso.Y. period 2s	39 12	4	Orange triangular daymark, point down; 39.	
			F.Bu.	33 10	4	Blue triangular daymark, point down; 33.	By night.
6550 <i>K 2581</i>	-Square, head.	35° 43.0' S 150° 12.5' E	Iso.W. period 2s	79 24	10	Pole.	Visible 300°20'-304°50' and 323°45'-327°15'.
6552 <i>K 2582.4</i>	-S. breakwater, head.	35° 43.4' S 150° 11.8' E	Fl.R. period 2s	14 4		Orange tower.	Fl.R. 5s and Fl.G. 5s mark W. and E. extremities of breakwater wall.
6556 <i>K 2577.6</i>	Burrewarra Point.	35° 50.0' S 150° 14.0' E	Fl.(4)W. period 16s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 9.5s	203 62	9	White column; 33.	
MORUYA RIVER:							
6560 <i>K 2578.3</i>	-Entrance Range, front.	35° 54.3' S 150° 09.0' E	F.Bu.			Orange triangular daymark, point up.	
6564 <i>K 2578.31</i>	--Rear, 585 meters 268°54' from front.	35° 54.3' S 150° 08.6' E	F.Bu.			Orange triangular daymark, point down.	
6565 <i>K 2578.2</i>	-Breakwater.	35° 54.6' S 150° 09.0' E	Fl.G. period 3s				
6567 <i>K 2577.2</i>	Wagonga River, breakwater.	36° 12.6' S 150° 07.5' E	Fl.G. period 3s	20 6	4		
6568 <i>K 2576</i>	Montague Island.	36° 15.2' S 150° 13.9' E	Fl.W. period 15s	262 80	20	Gray round granite tower; 69.	At Wagonga and Moruya Rivers Fl.R. and Fl.G. range lights, moved as channel alters, lead over bars shown only when vessels are expected.
6572 <i>K 2574</i>	Bermagui Bay.	36° 25.0' S 150° 04.0' E	Iso.W. period 2s		10	Pole.	Visible 205°-000°. Obscured elsewhere.
6576 <i>K 2572</i>	Twofold Bay, Lookout Point, S. extremity.	37° 05.0' S 149° 55.0' E	Oc.W.R. period 3s	128 39	W. 12 R. 9	White steel latticework tower; 46.	R. 198°-246°30', W.-288°, R.-337°30', W.-091°. Aero Radiobeacon 9.7 miles N.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
6580 <i>K 2572.6</i>	Snug Cove, breakwater, head.	37° 04.2' S 149° 54.2' E	Fl.W. period 5s	31 9	5	Mast.	Leading light and beacon 328°, 2 F.Bu., 1000 meters NW.
6584 <i>K 2573.2</i>	-Quarantine Bay, breakwater, head.	37° 05.0' S 149° 53.0' E	Fl.R.G. period 3s	19 6	2		R. 220°-300°, G.-220°.
6586 <i>K 2573.58</i>	East Boyd Bay Wharf Range, front.	37° 06.4' S 149° 55.8' E	F.Bu.			3	
6586.1 <i>K 2573.59</i>	-Rear, 112° from front.	37° 06.4' S 149° 55.8' E	F.Bu.			3	
6588 <i>K 2570</i>	Green Cape.	37° 15.5' S 150° 02.8' E	Fl.(2)W. period 15s	118 36	17		

Section 7

Tasmania and Bass Strait

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
6592 <i>K 2558</i>	Gabo Island.	37° 34.3' S 149° 54.7' E	Fl.(3)W. period 20s	180 55	16	Red round stone tower, white lantern; 156.	
	RACON		G(- - •)		20		
6596 <i>K 2561</i>	Mallacoota Inlet.	37° 33.7' S 149° 45.7' E	Iso.Bu. period 6s	46 14	6	Steel tower, neon triangular daymark.	
6598 <i>K 2557.5</i>	Little Rame Head.	37° 41.2' S 149° 40.3' E	Fl.W. period 10s	187 57	18	White fiberglass hut; 7.	
6600 <i>K 2557</i>	Wingan Point.	37° 45.0' S 149° 31.0' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	52 16	6	Pole; 16.	
6604 <i>K 2556</i>	Point Hicks.	37° 48.2' S 149° 16.3' E	Fl.(2)W. period 10s	184 56	10	White round tower; 72.	
6608 <i>K 2555</i>	Cape Conran.	37° 49.0' S 148° 44.0' E	Fl.W. period 8s fl. 1s, ec. 7s	48 15	10	Steel tower; 18.	
6612 <i>K 2554</i>	Snowy River, E. side of entrance.	37° 48.0' S 148° 32.0' E	Fl.W. period 6s fl. 1s, ec. 5s	100 30	4	Metal framework tower.	
6617 <i>K 2542.3</i>	South West Island.	39° 31.3' S 147° 07.5' E	Fl.(3)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	328 100	10	White cabinet; 7.	
6618 <i>K 2542.4</i>	North East Island.	39° 26.7' S 147° 22.6' E	Fl.(4)W. period 20s	351 107	14	White fiberglass hut; 13.	
6620 <i>K 2542.5</i>	Craggy Island.	39° 41.3' S 147° 40.5' E	Fl.W. period 10s	374 114	16	White hut; 7.	
6625 <i>K 2543.85</i>	Flounder A RACON.	38° 18.8' S 148° 26.3' E	Q(- - • -)		15	Platform.	Azimuth coverage 070°-190°. (3 & 10cm).
6627 <i>K 2543.24</i>	Kingfish B RACON.	38° 36.0' S 148° 11.3' E	B(- • • •)		16	Platform.	Azimuth coverage 125°-245°. (3 & 10cm).
TASMANIA							
6630 <i>K 3600.5</i>	Outer Sister Island.	39° 39.0' S 148° 00.0' E	Fl.(2)W. period 8s fl. 1s, ec. 2s fl. 1s, ec. 4s	567 173	10	White structure; 6.	
6632 <i>K 3600.6</i>	Flinders Island, Holloway Point.	39° 43.8' S 147° 57.7' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	31 9	8	White hut; 18.	
6636 <i>K 3600.8</i>	Cat Island, summit.	39° 57.0' S 148° 21.2' E	Fl.W. period 2.5s	102 31	14	White hut; 13.	
6640 <i>K 3600.4</i>	Kangaroo Island.	40° 11.3' S 147° 54.8' E	Fl.W. period 4s fl. 1s, ec. 3s	12 4	6		
6644 <i>K 3600</i>	Goose Island.	40° 18.8' S 147° 48.1' E	Fl.(2)W. period 10s	118 36	18	White stone tower; 98.	Visible 319°-161°, partially obscured elsewhere.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
TASMANIA							
6644.5 K 3601	Pigs Head.	40° 16.5' S 148° 07.3' E	Fl.W. period 1.5s		6		
6645 K 3601.2	Lady Barron, Pot Boil Channel, 286°26'.	40° 12.6' S 148° 14.8' E	Dir.F.W.R.G.	157 48	10	Steel tower; 39.	G. 283°54'-286°12', W.- 286°42', R.-288°54'.
6645.2 K 3601.22	-Great Dog Island, 257°55'.	40° 15.0' S 148° 16.0' E	Dir.F.W.R.G.	26 8	6	Orange triangular daymark point up.	G. 247°54'-252°54', W.- 262°54', R.-267°54'.
6645.4 K 3601.24	-Adelaide Bay Range, front.	40° 13.0' S 148° 15.0' E	F.G. (neon)	109 33	4	Orange triangular daymark, point up.	
6645.5 K 3601.25	--Rear, 300 meters 323°30' from front.	40° 12.4' S 148° 14.6' E	F.G. (neon)	158 48	4	Orange triangular daymark, point down.	
6646 K 3601.3	--Dick Davey, 014°.	40° 14.0' S 148° 17.0' E	Dir.Iso.W.R.G. period 5s		W. 6 R. 4 G. 4		G. 215°-008°, W.-017°, R.- 087°.
6647 K 3601.4	Vansittart Island.	40° 16.4' S 148° 17.3' E	F.W.R.G.		7		G. 031°-062°, W.-071°, R.- 209°.
6648 K 3601.6	Cape Barren Island.	40° 26.2' S 148° 28.6' E	Fl.(3)W. period 12s	82 25	10	White hut; 13.	Visible 175°-049°.
6649 K 3601.5	-Apple Orchard Point.	40° 19.1' S 148° 12.5' E	F.W.R.G.		4		G. 060°-139°, W.-148°, R.- 255°.
6652 K 3602	Swan Island.	40° 43.8' S 148° 07.5' E	Fl.W. period 7.5s	98 30	19	White round stone tower; 89.	Visible 070°-033°.
6656 K 3606	Eddystone Point.	40° 59.6' S 148° 20.9' E	Fl.(2)W. period 15s fl. 0.5s, ec. 3.3s fl. 0.5s, ec. 10.7s	138 42	20	Gray round granite tower; 116.	
6660 K 3607	St. Helens point.	41° 17.0' S 148° 21.0' E	Fl.W. period 4s fl. 0.5s, ec. 3.5s	189 58	8	Iron tower; 9.	
6661 K 3607.5	-Blanche Point.	41° 16.7' S 148° 19.9' E	Fl.R. period 5s	11 3	4		
6664 K 3608	Cape Tourville.	42° 07.3' S 148° 20.9' E	Fl.(3)W. period 6s	413 126	18	White tower; 30.	
6666 K 3609	Great Oyster Bay, Coles Bay breakwater.	42° 07.7' S 148° 17.8' E	F.Bu.	30 9	6		
6667 K 3608.5	-Weatherhead Point.	42° 14.1' S 148° 14.9' E	Fl.W.R. period 4s	56 17	8		W. 357°-005°30', R.-021°, W.-186°.
6668 K 3609.4	Chicken Point.	42° 20.0' S 148° 18.0' E	Fl.(2)W. period 8s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	144 44	8	White hut, 10.	Visible 291°30'-322°30', 333°30'-109°30'.
6672 K 3609.8	Point Home Lookout.	42° 33.1' S 147° 57.2' E	Oc.W. period 6s	187 57	12	White tower; 40.	
6673 K 3609.9	-Louisville Point.	42° 32.8' S 147° 54.9' E	Fl.W.R. period 4s		6		R. 183°-188° (over Horseshoe Shoal), W. elsewhere.
6676 K 3609.6	North Islet.	42° 34.0' S 148° 04.0' E	Fl.(3)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	75 23	8	White hut; 11.	
6678 K 3610.8	Darlington.	42° 34.8' S 148° 03.7' E	F.G. period 5s		5		
6680 K 3610.2	Spring Bay, jetty, head.	42° 32.0' S 147° 56.0' E	F.Bu.		2		
6682 K 3610.1	-Horseshoe Shoal.	42° 31.7' S 147° 55.0' E	F.G. period 3s	13 4	3	STARBOARD (A) G, beacon.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
TASMANIA							
6684 K 3611	Lachlan Island, summit, W. of Maria Island.	42° 39.0' S 147° 59.0' E	Fl.W. period 4.5s	69 21	10	Iron framework tower; 23.	
BLACKMAN BAY:							
6688 K 3612	-E. side of The Narrows.	42° 50.7' S 147° 53.5' E	Fl.W. period 3s	90 27	12	Iron framework tower; 11.	
6689 K 3612.2	-Entrance Range, front.	42° 51.2' S 147° 53.0' E	Q.W.	69 21	5		
6689.1 K 3612.21	--Rear, 140 meters 207°30' from front.	42° 51.3' S 147° 52.9' E	Oc.W. period 4s	85 26	5		
6690 K 3612.5	-No. 4.	42° 50.9' S 147° 53.1' E	Fl.(2)G. period 5s	16 5		STARBOARD (A) G, beacon.	
6716 K 3614	Tasman Island.	43° 14.5' S 148° 00.2' E	Fl.W. period 7.5s	906 276	18	White iron tower; 95.	Frequently obscured by clouds or fog.
6718 K 3615	Port Arthur.	43° 08.9' S 147° 51.1' E	F.G.				
6719 K 3621.2	Smooth Island.	42° 56.7' S 147° 46.9' E	Fl.(3)W. period 6s	148 45	6	White framework tower.	
6720 K 3621	Isle of Caves.	42° 54.5' S 147° 39.1' E	L.F.I.R. period 7s	39 12	3	Red rectangular tower; 7.	
6722 K 3620.5	Sloping Island.	42° 56.6' S 147° 38.6' E	Q.(2)W. period 10s	30 9	10	Framework tower; 13.	
6723 K 3621.5	Dart Island.	43° 01.7' S 147° 50.8' E	Fl.W.R. period 5s	23 7	5		W. 315°-334°, R.-062°, W.-247°, obsc.-315°.
RIVER DERWENT HOBART:							
6724 K 3620	-Black Jack Rocks.	43° 02.0' S 147° 29.0' E	Fl.W. period 3s	20 6	5	White obelisk.	
6728 K 3622	-Iron Pot Island, E. side of river entrance.	43° 03.6' S 147° 25.2' E	Fl.(3)W. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	65 20	10	White square tower, red band; 40.	
6730 K 3623	-Piersons Point.	43° 03.2' S 147° 20.8' E	Oc.W.R. period 8s	285 87	14	White framework tower; 16.	W. 175°-031°, R.-051°.
6732 K 3624	-Opossum Bay.	42° 58.7' S 147° 23.7' E	Fl.W. period 3s	44 13	8	White framework tower.	
6736 K 3627	-John Garrow Shoal.	42° 55.0' S 147° 22.0' E	Fl.R. period 3s	27 8	10	Red iron and concrete tower.	Radar reflector.
6740 K 3627.6	-Sandy Bay Point.	42° 54.5' S 147° 21.2' E	F.Bu.	24 7	7	Column.	Visible 084°-264°. F.Y. by day.
-Derwent Sailing Squadron Marina:							
6741 K 3627.7	--Breakwater, head.	42° 54.1' S 147° 20.0' E	F.G.				
6741.1 K 3627.72	---Elbow.	42° 54.0' S 147° 20.0' E	F.R.				
-Royal Yacht Club Marina:							
6742 K 3627.8	--Range, front.	42° 53.9' S 147° 20.0' E	F.Bu.				Outer ends of marina marked by F.G. and F.R. lights.
6742.1 K 3627.81	---Rear, 120 meters 290° from front.	42° 53.9' S 147° 20.0' E	F.Bu.				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
TASMANIA							
-Sullivans Cove:							
6744 K 3628	--Princes Pier, off E. head.	42° 53.2' S 147° 20.4' E	F.R.		7 2	Pile.	
6744.4 K 3629.3	--Elizabeth St. Pier, head.	42° 53.1' S 147° 20.1' E	F.G.				F. and Fl. on weather beacon 700 meters WNW.
6744.5 K 3629.41	---N. end.	42° 53.0' S 147° 20.1' E	F.R.				
6744.7 K 3629.42	--Marina, S. end.	42° 53.0' S 147° 20.1' E	F.G.				
6744.8 K 3629.4	---N. end.	42° 53.0' S 147° 20.2' E	F.R.				
6744.9 K 3629.35	---Kings Pier Marina.	42° 53.1' S 147° 20.1' E	F.G.				
6745 K 3630.3	---Macquarie Wharf.	42° 53.0' S 147° 20.4' E	2 F.G. (vert.)		33 10	Metal pole; 23.	
6746 K 3630.36	-Macquarie Point.	42° 52.7' S 147° 20.4' E	F.G. (neon)		39 12		Neon triangle.
6748 K 3630.4	-Rosny Point.	42° 53.0' S 147° 21.0' E	Fl.W. period 5s		26 8	6	
6752 K 3632.3	-N. limit of main bridge navigational channel, front.	42° 52.0' S 147° 22.0' E	F.Bu.,			Orange beacon.	Y. 130°-134°37.5', G.- 135°22.5', Dir.F.Y.G.R. R.-140°.
6756 K 3632.31	--Rear, 120 meters 135° from front.	42° 51.6' S 147° 21.2' E	F.Bu.			Orange beacon.	
6760 K 3632.4	-Beltana Point Range, front.	42° 51.0' S 147° 21.0' E	F.G.		10 3		
6764 K 3632.41	--Rear, about 460 meters 354° from front.	42° 50.9' S 147° 20.6' E	Dir.F.Bu.Y.G.R.		24 7	7	Bu. 347°-351°, Y.-353°30', G.-354°30', R.-357°.
6768 K 3632.5	-Beltana Point.	42° 51.2' S 147° 20.4' E	Fl.G. period 4s		10 3	3	Green wooden pile.
6772 K 3632.6	-Limekiln Point.	42° 50.9' S 147° 20.1' E	Fl.G. period 2s		10 3	3	Green wooden pile.
6780 K 3634	-Cemetery Point, 340 meters NE.	42° 51.0' S 147° 20.0' E	F.R.		8 2	5	Red column on black pile beacon.
6784 K 3635	-Stanhope Point.	42° 50.0' S 147° 19.5' E	Iso.R. (neon) period 4s		8 2	5	Red column on black pile beacon. F.R. marks ends of wharf close NW.
6788 K 3636.2	-Store Point.	42° 50.0' S 147° 19.0' E	F.G.		20 6	3	Aluminum post.
6790 K 3636.1	-Prince of Wales Bay, Jetty.	42° 49.5' S 147° 18.4' E	F.R.				
6792 K 3636.3	-Bowen Bridge.	42° 49.1' S 147° 18.4' E	F.G.				On both sides of bridge. F.R., F.W. and F.G., F.W. mark port and starboard limits of opening on both sides of bridge.
6793 K 3636.35	--Range, front.	42° 49.2' S 147° 18.3' E	F.Bu.				Orange triangular topmark, point up.
6794 K 3636.36	---Rear, 307°54' from front.	42° 49.2' S 147° 18.3' E	F.Bu.				Orange triangular topmark, point down.
6796 K 3636.6	Bligh Point.	43° 05.0' S 147° 19.0' E	Fl.W. period 2s		12 4	5	White metal pedestal; 7. Visible 355°-220°.
6798 K 3636.42	Snug Bay.	43° 03.5' S 147° 16.4' E	Fl.W. period 3s				Beacon.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
TASMANIA							
6804 K 3637	Simmond Bay.	43° 08.0' S 147° 21.0' E	Fl.W. period 3s	18 5	4	White tripod.	
6808 K 3638	Lennonville Point.	43° 08.0' S 147° 19.0' E	Fl.W. period 5s	18 5	4	Red tripod; 11.	
6810 K 3636.8	Little Cove.	43° 07.6' S 147° 15.5' E	F.R.				F.G. lights in line 249° close SE.
6812 K 3640	North Bruny, Roberts Point.	43° 09.0' S 147° 17.0' E	Fl.W. period 3s	22 7	8	Red steel framework tower; 9.	
6816 K 3641	Kinghorne Point.	43° 10.0' S 147° 17.0' E	Fl.(3)W. period 14s fl. 0.6s, ec. 1.4s fl. 0.6s, ec. 1.4s fl. 0.6s, ec. 9.4s	35 11	11	White tripodal tower; 20.	
6820 K 3642	Green Island.	43° 12.0' S 147° 17.0' E	Fl.W. period 5s	26 8	5	White steel tower; 8.	
6824 K 3643	Long Bay.	43° 14.0' S 147° 16.0' E	Fl.W. period 1.6s	13 4	8	Red pile beacon.	
6825 K 3643.2	Three Hut Point.	43° 16.3' S 147° 15.0' E	F.Bu.				
6825.5 K 3643.4	Sheepwash.	43° 18.2' S 147° 15.8' E	Fl.(2)W. period 5s	23 7	6	Red lantern on white pedestal; 7.	
6826 K 3643.6	Alonnah, N. jetty.	43° 18.9' S 147° 14.8' E	Fl.G. period 5s	23 7			Visible 071°-185°30'.
6828 K 3645	Huon Island, S. point.	43° 18.0' S 147° 08.0' E	Fl.W. period 5.5s fl. 0.5s, ec. 5s	59 18	9	Silver framework tower on concrete base.	Visible 289°-149°.
HUON RIVER:							
6832	-Garden Island Point.	43° 16.0' S 147° 08.0' E	Iso.W.R. period 3s		3		W. 308°-344°, obsc.-012°15', W.-064°, R.-090°, W.-120°, R.-134°, W.-260°, R.-308°.
6836 K 3647	-Point Beaupre, S. extremity.	43° 14.0' S 147° 04.0' E	Fl.W.R. period 8s	38 12	8	White iron post; 16.	R. 302°-320°, W.-116°, obscured elsewhere.
6840 K 3648	-Brabazon Point (One Tree Point).	43° 12.0' S 146° 59.0' E	Oc.W. period 8s	23 7	7	White iron post; 18.	
6844 K 3648.4	-Whale Point.	43° 10.0' S 146° 58.0' E	Fl.R. period 4s	18 5	1	Metal column; 13.	
6848 K 3649	Port Huon Pier.	43° 10.0' S 146° 59.0' E	F.G.			On shed on pier.	
6852 K 3650	Hope Island, E. end, Esperance Bay.	43° 20.0' S 147° 03.0' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	30 9	6	White pedestal; 6.	
6856 K 3644	Zuidpool Rock.	43° 19.7' S 147° 09.8' E	Fl.(2)W. period 4.5s	23 7	9	Framework tower.	
6864 K 3652	Hopwood Point.	43° 25.3' S 147° 06.2' E	Fl.W.R. period 6s	98 30	8	Metal pedestal; 6.	W. 348°-186°, obsc.-210°, R.-224°.
6868 K 3654	Cape Bruny.	43° 29.7' S 147° 09.3' E	Fl.W. period 10s	305 93	19	White fiberglass hut; 13.	Visible 265°-115°.
6872 K 3654.5	Actaeon Island.	43° 31.6' S 146° 59.9' E	V.Q.(3)W. period 5s	69 21	7	Metal pedestal; 12.	
6876 K 3655	Fisher's Point, S. entrance to Recherche Bay.	43° 34.0' S 146° 55.0' E	Fl.W. period 2s	30 9	12	White metal framework tower; 20.	
6878 K 3655.3	Whale Head.	43° 38.3' S 146° 52.2' E	Fl.(2)W. period 15s	187 57	18	White fiberglass hut; 13.	Visible 223°-079°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
TASMANIA							
6880 K 3656	Maatsuyker Island.	43° 39.4' S 146° 16.4' E	Fl.(3)W. period 30s fl. 0.2s, ec. 7.3s fl. 0.2s, ec. 7.3s fl. 0.2s, ec. 14.8s	459 140	18	White round brick tower; 42.	Obscured by the island 170°-259° and by Needle Rocks 072°-078° when within 5 miles.
	RACON		M(- -)		25		(3 & 10cm)
6884 K 3658	Garden Point.	43° 18.0' S 145° 55.0' E	Fl.W. period 5s fl. 1s, ec. 4s	85 26	9	Square steel framework tower; 14.	Visible 005°-062°.
6888 K 3659	Low Rocky Point.	42° 59.3' S 145° 29.8' E	Fl.W. period 5s	131 40	14	White hut; 13.	
6892 K 3660	Cape Sorell.	42° 12.0' S 145° 10.2' E	Fl.(2)W. period 15s fl. 0.1s, ec. 4.9s fl. 0.1s, ec. 9.9s	167 51	14	White round tower; 100.	
MACQUARIE HARBOR:							
6896 K 3664	-Entrance Islet.	42° 12.6' S 145° 13.0' E	Fl.W.R. period 2s fl. 0.5s, ec. 1.5s	34 10	W. 10 R. 8	White hexagonal wooden tower.	R. 159°-207°, W.-357°30', R.-000°30', W.-159°.
6900 K 3668	-Bonnet Island.	42° 14.0' S 145° 14.0' E	Dir.Fl.W.R.G. period 3s fl. 0.5s, ec. 2.5s	45 14	W. 10 R. 2 G. 2	White hexagonal wooden tower.	R. 329°-331°, W.-141°, G.-144°, W.-329°, W. (intensified) 155°-157°.
6904 K 3665	-W. side of entrance.	42° 13.0' S 145° 14.0' E	Fl.G. period 3.5s	24 7	4		Signal station.
6908 K 3673	-Regatta Point Range, front.	42° 10.0' S 145° 20.0' E	F.G.				
6912 K 3673.1	--Rear, 730 meters 005° from front.	42° 09.3' S 145° 20.3' E	F.R.				
6916 K 3676	Sandy Cape.	41° 25.0' S 144° 45.0' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	75 23	8	White square concrete tower; 31.	
6920 K 3677	Bluff Hill Point.	41° 01.3' S 144° 37.4' E	Fl.(2)W. period 10s	171 52	16	White round concrete tower, brown hut; 43.	
KING ISLAND:							
6924 K 2190	-Stokes Point.	40° 09.2' S 143° 55.4' E	Fl.(4)W. period 16s	143 44	10	White concrete tower; 30.	
6928 K 2189	-Currie.	39° 55.8' S 143° 50.5' E	Fl.W. period 6s fl. 1s, ec. 5s	151 46	18		Aero Radiobeacon 3.1 miles NNE.
6929 K 2189.5	--Entrance Range, front.	39° 55.7' S 143° 50.6' E	F.G.				
6929.1 K 2189.51	---Rear, 185 meters 106°30' from front.	39° 55.7' S 143° 50.8' E	F.G.				
6932 K 2188	--About 5.8 km. 035° from Currie Harbor AVIATION LIGHT.	39° 53.0' S 143° 54.0' E	Fl.W. period 10s	259 79	16	Steel tower; 30.	Operated only when required by aircraft.
6936 K 2186	-Cape Wickham.	39° 35.5' S 143° 56.6' E	Fl.(2)W. period 10s fl. 0.1s, ec. 2.9s fl. 0.1s, ec. 6.9s	280 85	24	White round tower; 157.	Visible 031°-294° except within 19 miles on bearing 048° (obscured by New Year Island). Also visible between sandhills when bearing 300°.
6940 K 2192	-Councillor Island.	39° 50.0' S 144° 10.0' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	92 28	8	White hut.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
TASMANIA							
6944 K 2191.8	-Cumberland.	39° 59.0' S 144° 08.0' E	Fl.(3)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	253 77	7	White hut.	Radar reflector.
6948 K 2191	-Grassy Island, breakwater, head.	40° 04.2' S 144° 03.7' E	Fl.W. period 6s	33 10	11		
6952 K 2191.2	-Little Grassy Bay Range, front.	40° 04.1' S 144° 02.9' E	F.G.	36 11	2	Orange triangular daymark, point up.	Occasional.
6956 K 2191.21	--Rear, 35 meters 310° from front.	40° 04.1' S 144° 02.9' E	F.G.	46 14	2	Orange triangular daymark, point down.	Occasional.
6960 K 3518	Hunter Island.	40° 29.3' S 144° 43.3' E	Fl.(2)W. period 8s	183 56	10	White fiberglass hut; 13.	Visible 000°-208°.
6964 K 3520	Cape Rochon.	40° 23.8' S 144° 57.3' E	Fl.W. period 5s	132 40	10	White round hut with lantern; 11.	Visible 094°-329°.
6968 K 3524	Highfield Point.	40° 44.4' S 145° 17.3' E	Fl.(3)W.R. period 15s	161 49	W. 10 R. 8	White column; 20.	R. 133°-173°, W.-133°.
STANLEY:							
6972 K 3526	-Breakwater Pier Range, front.	40° 46.3' S 145° 18.2' E	F.G.	30 9	4		
6972.1 K 3526.1	--Rear, 230 meters 002° from front.	40° 46.2' S 145° 18.2' E	F.G.	46 14	4		
6976 K 3528	-Foreshore Wharf, E. head.	40° 46.0' S 145° 18.0' E	F.R.	39 12	7	Pole.	
6980 K 3531	Rocky Cape.	40° 51.4' S 145° 30.4' E	Fl.W. period 10s fl. 1s, ec. 9s	210 64	17	White concrete tower; 31.	
WYNYARD:							
6984 K 3532	-Table Cape.	40° 56.9' S 145° 43.7' E	Fl.(2)W.R. period 10s	590 180	W. 18 R. 14	White round tower; 82.	R. shore-138°, W.-296°, R.-shore. Often obscured by mist and clouds.
6987 K 3533	-N. side of entrance.	40° 59.2' S 145° 44.3' E	Fl.(2)G. period 5s			STARBOARD (A) G, beacon.	
6988 K 3534	River Inglis Range, front.	40° 59.3' S 145° 44.1' E	F.R.		4	Black metal pole, orange triangular daymark, point up.	
6992 K 3534.1	--Rear, 245°18' from front.	40° 59.3' S 145° 44.1' E	F.R.			Grey metal pole, orange triangular daymark, point down.	
EMU BAY:							
7010.5 K 3545.5	-Port of Burnie Range, front.	41° 03.8' S 145° 54.9' E	F.Bu.	55 17	7	Triangular daymark, point up.	
7010.51 K 3545.51	--Rear, 360 meters 223°42' from front.	41° 03.9' S 145° 54.6' E	F.Bu.	111 34	7	Triangular daymark, point down.	
7011 K 3536.4	--Detached breakwater, SE. end.	41° 03.2' S 145° 55.2' E	F.G. (neon)	52 16	10	Metal tower; 26.	
7011.2 K 3536.6	---NW. end.	41° 03.0' S 145° 55.0' E	F.W. (neon)	52 16	10	Metal tower; 26.	5 F.R. mark Acid Line Bridge close SW.
7012 K 3544	-Ro Ro wharf, Range, front, 370 meters 223° from Jones Pier, head.	41° 03.2' S 145° 54.5' E	F.Bu.		3	Metal pile, orange triangular daymark, point up; 36.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
TASMANIA							
7016 K 3544.1	--Rear, 90 meters 260° from front.	41° 03.3' S 145° 54.5' E	F.Bu.		3	Metal pile, orange triangular daymark, point down; 46.	
7020 K 3535	Round Hill Point.	41° 03.9' S 145° 57.7' E	Fl.W.R. period 5s	100 30	W. 18 R. 14	Square concrete house, white lantern; 22.	R. 106°-135°, W.-292°.
7024 K 3548	Ulverstone, River Leven, W. side of entrance, front.	41° 09.2' S 146° 10.0' E	F.R.	23 7		White tower.	
7028 K 3548.1	--Rear, 82 meters 188° from front.	41° 09.2' S 146° 10.0' E	F.R.	33 10		White tower.	
7032 K 3550	-Mersey Bluff.	41° 10.0' S 146° 21.0' E	Fl.(4)W.R. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	122 37	W. 17 R. 14	White round tower, red stripes; 51.	R. 100°-114°, W.-242°, R.-274°, obscured elsewhere.
DEVONPORT:							
7036 K 3556	--River Mersey, E. side of entrance.	41° 10.1' S 146° 22.2' E	Fl.(2)R. period 10s fl. 0.3s, ec. 1s fl. 0.3s, ec. 8.4s	22 7	8	PORT (A) R, beacon, topmark.	
7040 K 3557	--W. side of channel.	41° 10.0' S 146° 22.0' E	Fl.G. period 1.5s	13 4	3	STARBOARD (A) G, beacon, topmark.	
7044 K 3556.2	--E. side of channel.	41° 10.3' S 146° 22.0' E	Fl.R. period 1.5s	13 4	3	PORT (A) R, beacon, topmark.	
7048 K 3557.2	--Regatta Point, W. side of channel.	41° 10.4' S 146° 21.9' E	F.G.	16 5	3	STARBOARD (A) G, beacon, topmark.	
7052 K 3556.3	--E. side of channel.	41° 10.5' S 146° 21.9' E	Fl.R. period 1.5s		5	PORT (A) R, beacon, topmark.	F.R. beacons mark E. side 235 meters, 515 meters and 625 meters S.
7056 K 3553	-Entrance Range, front.	41° 10.7' S 146° 21.7' E	F.R.	30 9	10	White tower.	
7060 K 3553.1	--Rear, 145 meters 204°04' from front.	41° 10.8' S 146° 21.7' E	F.R.	52 16	10	White tower.	E. and W. limits of channel marked by F.Bu. range lights.
7063 K 3558.4	-S. Inner Range, front.	41° 11.6' S 146° 21.9' E	F.R.				Ferry wharves marked by F.G. on W. side, F.R. on E. side.
7063.1 K 3558.41	--Rear, 90 meters 176°03' from front.	41° 11.6' S 146° 21.9' E	F.R.				
7064 K 3558	-N. Inner Range, front.	41° 10.5' S 146° 21.8' E	F.G.			White tower.	
7068 K 3558.1	--Rear, 35 meters 356°03' from front.	41° 10.5' S 146° 21.8' E	F.G.			White tower.	
7072 K 3563	AVIATION LIGHT.	41° 10.5' S 146° 25.6' E	Al.Fl.W.G. period 7.4s W. fl. 0.2s, ec. 3.5s G. fl. 0.2s, ec. 3.5s	77 23	W. 28 G. 24		Occasional.
7076 K 3571	Hebe Reef.	41° 03.1' S 146° 44.2' E	Fl.W. period 4s	23 7	6	Tower, red and white checks.	Radar reflector.
7080 K 3571.14	Yellow Rock.	41° 03.8' S 146° 46.3' E	Fl.G. period 2s	20 6	6	Green beacon on tripod.	
7084 K 3571.1	Middle Bank.	41° 03.8' S 146° 46.7' E	Fl.R. period 2s	23 7	6	Red metal framework tower on tripod.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
TASMANIA							
RIVER TAMAR:							
7088 K 3566	-Low Head.	41° 03.4' S 146° 47.3' E	Fl.(3)W. period 30s fl. 0.1s, ec. 4.8s fl. 0.1s, ec. 4.8s fl. 0.1s, ec. 20.1s	142 43	23	White round brick tower, red band; 68.	Front light 7092.
			F.R.	122 37	10		Visible 082°-108°, covering Hebe Reef.
7092 K 3566.1	-Dotterell Point Range, front.	41° 03.7' S 146° 47.5' E	F.G.	17 5	3	White round tower; 19.	Visible 339°-050°.
7096 K 3571.4	-Shear Rock.	41° 04.0' S 146° 47.1' E	Fl.(3)W. period 5s	12 4	2	E. CARDINAL BYB, tower, topmark.	Radar reflector.
7100 K 3571.6	-Barrel Rock Spit.	41° 04.3' S 146° 47.4' E	Fl.R. period 2s	10 3	2	Red steel structure.	
7104 K 3570	-She-Oak Point, Middle Channel Range, front, and Sea Reach Range, rear.	41° 04.8' S 146° 48.3' E	F.W.R.	35 11	9	White round stone tower.	R. 007°-137°, W. elsewhere.
7108 K 3569.9	--Middle Channel Range, rear, 365 meters 127°41' from front.	41° 04.8' S 146° 48.5' E	F.R.	55 17	9	White round stone tower, red stripe.	Visible 347°-180°.
7110 K 3570.1	--Sea Reach Range, front, 160 meters from rear.	41° 04.9' S 146° 48.2' E	F.R.	26 8			Lights in line 004°32'.
7112 K 3572.4	-Northwest Bank.	41° 04.8' S 146° 47.7' E	Fl.G. period 3.5s	12 4	2	Green round tower on metal tripod.	
7113 K 3571.2	-Lagoon Bay Range, front.	41° 04.6' S 146° 48.2' E	F.G.	43 13			
7113.1 K 3571.21	--Rear, 152 meters 123° from front.	41° 04.6' S 146° 48.2' E	F.G.	75 23			
7116 K 3572.6	-Simmons Mistake.	41° 05.3' S 146° 48.1' E	Fl.R. period 3s	16 5	2	Red metal framework tower, on tank.	
7120 K 3573	-Elbow Spit.	41° 05.5' S 146° 48.0' E	Iso.G. period 2.4s	13 4	3	Green pile beacon.	
7124 K 3574.4	-Honduras Bank.	41° 06.0' S 146° 48.0' E	Fl.G. period 3s	13 4	2	Pile, diamond daybeacon.	
7125 K 3576	-Kelso Range, front.	41° 06.0' S 146° 47.4' E	F.G. (neon)			Beacon, orange triangular daymark, point up.	
7125.1 K 3576.1	--Rear, 55 meters 306°16' from front.	41° 06.0' S 146° 47.4' E	F.G. (neon)			Beacon, orange triangular daymark, point down.	
7128 K 3574.6	-Bombay Rock.	41° 06.1' S 146° 48.1' E	Q.R.	16 5	2		Radar reflector.
7129 K 3575.4	-Long Tom Reef.	41° 06.4' S 146° 48.4' E	Fl.R. period 3s	16 5	2	Round tower on metal tripod.	
7130 K 3576.4	-Foul ground.	41° 06.6' S 146° 48.4' E	Fl.G. period 3s	13 4	2	Beacon.	
7132 K 3574	-Arthurs Head Range, front.	41° 07.0' S 146° 48.0' E	F.G. (neon)			White wooden beacon.	
7136 K 3574.1	--Rear, 140 meters 182°15' from front.	41° 07.1' S 146° 48.0' E	F.G. (neon)			White wooden beacon.	
7140 K 3577	-George Town Range, front.	41° 07.0' S 146° 49.5' E	F.R. (neon)	26 8		Beacon, orange triangular daymark, point up; 30.	
7144 K 3577.1	--Rear, 50 meters 126°16' from front.	41° 07.0' S 146° 49.5' E	F.R. (neon)	43 13		Beacon, orange triangular daymark, point down; 37.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
TASMANIA							
7146 K 3577.4	-Jetty, head.	41° 06.6' S 146° 49.2' E	F.R.			Shed.	
7148 K 3577.8	-Garden Island, N. end.	41° 06.8' S 146° 48.7' E	Iso.G. (neon) period 8s	33 10		Wooden mast.	Garden Island marked by 3 F.G. lights.
7154 K 3580.2	-Roundabout Point.	41° 07.5' S 146° 49.0' E	Iso.R. period 8s	16 5		Red post.	
7156 K 3580.4	-Ashmans Point.	41° 08.0' S 146° 49.0' E	F.G.			Wooden framework tower.	Neon.
7156.1 K 3581	-Point Effingham.	41° 08.3' S 146° 49.6' E	Fl.R. period 2s	33 10		4 Red metal framework tower.	
7156.2 K 3581.4	-Shag Rock.	41° 08.5' S 146° 49.4' E	Fl.G. period 3s	10 3		3 Black column, black triangular daymark, point up.	
7156.3 K 3581.7	-West Arm.	41° 08.6' S 146° 48.8' E	Fl.G. period 5s			Beacon.	
7156.5 K 3581.8	-Redbill Point Range, front.	41° 08.6' S 146° 48.4' E	F.R.			Orange triangular daymark, point up.	
7156.51 K 3581.81	--Rear, 267° from front.	41° 08.6' S 146° 48.4' E	F.R.			Orange triangular daymark, point down.	
7156.6 K 3582	-Beauty Point Harbor, Orari Bank.	41° 08.7' S 146° 49.7' E	V.Q.W.	13 4		2 Black and yellow framework tower, red double cone daymark, points up.	
7156.7 K 3582.4	--W. side of entrance.	41° 08.7' S 146° 49.5' E	Fl.G. period 1.5s			Pile.	
7157 K 3582.8	--E. side of channel.	41° 09.2' S 146° 49.6' E	Fl.R. period 3s			Pile.	
7157.1 K 3583	--Inspection Head Jetty, N. end.	41° 09.1' S 146° 49.4' E	F.R. (neon)	29 9		4 Shed.	Visible 197°-258°.
7157.2 K 3584.3	-Bell Bay No. 2.	41° 08.8' S 146° 50.8' E	Fl.(2)R. period 4s			Red beacon.	
7157.3 K 3584.4	--No. 1.	41° 08.9' S 146° 50.8' E	Q.(2)G. period 5s	16 5		3 STARBOARD (A) G, beacon, topmark.	Radar reflector.
7157.4 K 3584.6	--No. 4.	41° 08.7' S 146° 51.1' E	Fl.R. period 3s	16 5		3 Red metal framework tower on piles.	Radar reflector.
7157.7 K 3585.3	--Common User Berth No. 6, NW. corner.	41° 08.4' S 146° 51.1' E	F.R.				
7158.2 K 3586.22	---Off NE. end.	41° 08.2' S 146° 51.8' E	F.R.			Red column on dolphin.	
7158.3 K 3586.5	--Ferry Berth Range, front.	41° 08.2' S 146° 51.8' E	F.G. (neon)				
7158.5 K 3586.51	---Rear, 239 meters 283°54' from front.	41° 08.2' S 146° 51.6' E	F.G. (neon)			Pole.	
7158.6 K 3586.6	--Comalco Wharf.	41° 08.2' S 146° 52.0' E	F.G.R. (vert.)				
7158.7 K 3586.79	--Comalco Range W., front, 82 meters from common rear.	41° 07.9' S 146° 52.4' E	F.G. (neon)			Pole.	Forms range 005°19'.
7158.9 K 3586.8	---Common rear, Comalco Tower.	41° 07.8' S 146° 52.4' E	Iso.G. (neon) period 8s			Pole.	
7159 K 3586.81	--Comalco Range E., front, 75 meters from common rear.	41° 07.9' S 146° 52.4' E	F.G. (neon)			Pole.	Forms range 345°38'.
7159.1 K 3587	--Wolverine Shoal.	41° 08.4' S 146° 52.7' E	Q.W.	7 2		4 N. CARDINAL BY, beacon, topmark.	
7159.2 K 3587.2	--Port Dalrymple Range, front.	41° 08.1' S 146° 53.1' E	F.R.				

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TASMANIA							
7159.3 <i>K 3587.21</i>	--Rear, 45 meters 064°46' from front.	41° 08.1' S 146° 53.1' E	F.R.				
7159.5 <i>K 3587.4</i>	-Long Reach, No. 1.	41° 08.6' S 146° 53.4' E	Fl.G. period 3s		16 5	2	
7159.6 <i>K 3587.6</i>	--Power Station Jetty, head.	41° 08.7' S 146° 54.0' E	F.R.				
7160 <i>K 3588.1</i>	-Long Reach Range, front.	41° 10.8' S 146° 56.7' E	F.R.		13 4	3 Beacon.	
7160.1 <i>K 3588.11</i>	--Rear, 131°54' from front.	41° 10.9' S 146° 56.8' E	F.R.		26 8	3 Beacon.	
7162 <i>K 3588.88</i>	Bridport.	41° 00.1' S 147° 23.8' E	Fl.W. period 3s		5		
7164 <i>K 3589</i>	Waterhouse Island.	40° 47.0' S 147° 38.4' E	Fl.(3)W. period 12s		82 25	7 White hut; 13.	Visible 036°30'-346°.

Section 8

South Coast of Australia

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
GIPPSLAND LAKES:							
7168 K 2544	-Mount Barkly.	37° 53.0' S 147° 58.0' E	Oc.W. period 4s lt. 3s, ec. 1s	230 70	17	Iron skeleton tower; 29.	Visible 245°-099°. Reserve light Fl.W. 4s.
7172 K 2545	-Entrance, E. side.	37° 53.3' S 147° 58.4' E	F.W.	50 15	5	Metal column on wooden framework tower; 16.	
7176 K 2547	--W. pier, head.	37° 53.3' S 147° 58.2' E	Fl.R. period 2.5s	30 9	2	Iron framework tower.	
PORT ALBERT:							
7180 K 2540	-Shoal Inlet.	38° 41.1' S 146° 49.8' E	Fl.W. period 2s	30 9	6	Metal tower; 10.	R. lights on radio mast 13 miles NNE.
7188 K 2534	-Entrance Range, front.	38° 44.1' S 146° 39.5' E	Fl.W. period 6s	19 6	9	Red and white hut, on pile structure; 16.	
7192 K 2534.1	--Rear, 0.7 mile 317°56' from front.	38° 43.7' S 146° 38.8' E	Oc.W. period 3s	39 12	11	White framework tower; 29.	Visible 262°-052°.
7196 K 2538	-Wharf, SE. corner.	38° 41.0' S 146° 42.0' E	Fr.R.		5	Post on roof of shed.	
7200 K 2531	Big Snake Island.	38° 43.0' S 146° 30.0' E	Fl.W. period 10s	16 5	2		
7204 K 2500	Cliffy Island.	38° 57.2' S 146° 42.5' E	Fl.W. period 5s	171 52	15	Gray stone tower; 39.	
7208 K 2502	-Lighthouse Point.	38° 50.8' S 146° 28.3' E	Dir.Fl.W. period 5s fl. 1s, ec. 4s	118 36	17	Framework tower, white hut; 22.	Visible 187°-350°.
			Dir.Fl.W.R.G. period 3s fl. 1s, ec. 2s	115 35	9		G. 272°-276°, W.-278°, R.-282°.
7210 K 2502.5	Snake Island, Bentley Point.	38° 46.6' S 146° 29.7' E	Fl.W.R.G. period 3s	30 9	W. 10 R. 6 G. 6		W. 325°-115°, R.-180°, G.-325°.
CORNER INLET:							
7212 K 2503	-Lewis Channel, No. 1.	38° 45.1' S 146° 26.1' E	Fl.G. period 2s	16 5	2		
7224 K 2504.9	--022°35'.	38° 43.0' S 146° 23.0' E	Dir.F.W.R.G.	75 23	8		G. 009°06'-022°06', W.-023°06', R.-029°06'.
-Lewis Channel:							
7228 K 2506	--Longspit, No. 2.	38° 45.0' S 146° 26.0' E	Fl.R. period 2s	17 5	2	Red structure.	
7232 K 2512	--W. side, No. 6.	38° 44.0' S 146° 25.0' E	Fl.R. period 2s	13 4	3	Red framework tower on piles; 13.	
7236 K 2514	--No. 8.	38° 43.5' S 146° 25.4' E	Fl.R. period 4s	17 5	2	Red hut on pile structure; 16.	
7240 K 2516	--NW. side No. 10.	38° 43.0' S 146° 26.0' E	Fl.R. period 2s	15 5	2	Framework tower on piles.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
7244 K 2518	--No. 12.	38° 42.7' S 146° 26.1' E	Fl.R. period 4s	17 5	2	Red hut on pile structure.	
7248 K 2520	--N. side, No. 14.	38° 42.0' S 146° 27.0' E	Fl.R. period 2s	13 4	3	Framework tower on piles.	
7252 K 2522	--Welshpool Pier.	38° 42.0' S 146° 27.0' E	F.R.	32 10	3	Post on shed roof.	
7256 K 2524	---Jetty, head.	38° 42.0' S 146° 28.0' E	2 F.R. (vert.)	33 10	3	Post.	
7260 K 2508	-Franklin Spit.	38° 45.0' S 146° 25.0' E	V.Q.(3)W. period 5s	23 7	5	E. CARDINAL BYB, beacon.	
7264 K 2525	-Franklin River, No. 1.	38° 46.0' S 146° 22.0' E	Fl.G. period 6s	16 5	4	Pile beacon; 13.	
7268 K 2526	--No. 3, E. side.	38° 45.0' S 146° 19.0' E	Fl.G. period 4s	15 5	4	Pile beacon.	Fl.R. shown in channel.
7272 K 2529	--W. side, No. 12.	38° 42.5' S 146° 17.5' E	Fl.W.R. period 4s	15 5	4	Pile beacon.	W. 350°-050°, R.-350°.
7280 K 2504.3	-Toora Channel No. 1.	38° 45.0' S 146° 24.0' E	Fl.G. period 3s	20 6	4	Pile.	
7284 K 2504.6	--No. 5.	38° 44.0' S 146° 23.0' E	Fl.G. period 5s	20 6	4	STARBOARD (A) G, beacon, topmark.	
WILSONS PROMONTORY:							
7288 K 2496	-Sealers Cove, near Horn Point.	39° 01.0' S 146° 28.0' E	Fl.W.R. period 10s fl. 0.5s, ec. 9.5s	70 21	W. 4 R. 1	Iron post.	W. 176°-270°, R.-176°.
7292 K 2495	-Refuge Cove, S. side.	39° 03.0' S 146° 28.0' E	Fl.W.R. period 6s fl. 0.5s, ec. 5.5s	80 24	W. 4 R. 1	Steel post; 6.	W. 210°-281°30', R. elsewhere.
7296 K 2494	-Waterloo Bay, Waterloo Point.	39° 05.0' S 146° 26.0' E	Fl.W.R. period 10s fl. 0.5s, ec. 9.5s	65 20	W. 4 R. 1	White column; 13.	W. 238°-272°, R.-238°.
7300 K 2492	-Wilsons Promontory.	39° 08.0' S 146° 25.0' E	Fl.W. period 7.5s	384 117	18	Gray round stone tower, white dwelling; 62.	Visible 201°-082°, except where obscured by adjacent islands.
7304 K 2492.5	East Moncoeur Island.	39° 13.8' S 146° 32.3' E	Fl.W. period 2.5s fl. 0.5s, ec. 2s	335 102	16	White hut; 6.	
7308 K 2493	Hogan Island.	39° 13.2' S 146° 59.1' E	Fl.(2)W. period 6s	446 136	13	White tower; 13.	
7312 K 2486	Citadel Island.	39° 07.0' S 146° 14.0' E	Fl.(2)W. period 15s	385 117	17	White hut; 16.	Obscured by Glennie and Anser groups.
7316 K 2484	Waratah Bay.	38° 51.8' S 146° 00.1' E	Fl.W.R.G. period 10s fl. 0.5s, ec. 9.5s	118 36	W. 4 R. 1 G. 1	Metal column; 18.	G. 194°-259°, W.-328°, R.- 194°.
7320 K 2482	Cape Liptrap.	38° 54.0' S 145° 55.0' E	Fl.W. period 12s fl. 0.2s, ec. 11.8s	304 93	16	White concrete tower; 32.	
7324 K 2480	Inverloch, Andersons Inlet.	38° 38.2' S 145° 44.1' E	Fl.R. period 5s fl. 0.5s, ec. 4.5s	20 6	2		
7328 K 2476	Cape Woolamai.	38° 34.0' S 145° 21.3' E	Fl.W. period 10s fl. 1s, ec. 9s	368 112	12	Iron post; 10.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
WESTERN PORT:							
7330 K 2461.5	-E. Entrance.	38° 32.7' S 145° 21.1' E	Fl.R. period 3s fl. 0.5s, ec. 2.5s	13 4	3	Beacon.	
7332 K 2460	-E. entrance Range, front.	38° 32.0' S 145° 20.0' E	F.G.	41 12	6	Fluorescent tubes on white triangular daymark, point up; 17.	
7336 K 2461.1	--Rear, 455 meters 306°04' from front.	38° 31.9' S 145° 20.1' E	F.G.	81 25	7	Fluorescent tubes on square daymark; 21.	
7344 K 2456	-Settlement Point, N. end of Corinella Jetty.	38° 24.6' S 145° 25.4' E	F.G.	19 6	5	Wooden post; 11.	
7348 K 2455	-759 meters 303° from Settlement Point Light.	38° 24.0' S 145° 25.0' E	Fl.R. period 5s	20 6	4	Pile structure.	
7352 K 2454	-Rhyll.	38° 28.0' S 145° 19.0' E	Fl.G. period 5s	16 5	3	Iron column; 12.	Fl.R. shown on E. side of channel entrance.
7356 K 2436	-Tankerton jetty, off head.	38° 23.1' S 145° 16.0' E	Fl.G. period 5s			STARBOARD (A) G, beacon, topmark.	F.Bu. shown near root.
7360 K 2437.2	-Hanns Inlet, N.	38° 23.2' S 145° 14.0' E	Fl.G. period 8s fl. 1s, ec. 7s	15 5	3	STARBOARD (A) G, beacon, topmark.	
7364 K 2437	--S.	38° 23.3' S 145° 13.9' E	Fl.R. period 8s fl. 1s, ec. 7s	15 5	2	PORT (A) R, beacon, topmark.	
7368 K 2438	-Stony Point Range, front.	38° 22.3' S 145° 13.5' E	F.Bu.	13 4	3	Post.	
7372 K 2438.1	--Rear, about 914 meters 288° from front.	38° 22.1' S 145° 12.8' E	F.Bu.	33 10	3	Post.	
7376 K 2438.6	--No. 2.	38° 22.5' S 145° 13.8' E	Fl.(2)R. period 8s	7 2	1	Red pile.	Marks E. limit of mooring area.
7376.2 K 2438.8	---S.	38° 22.8' S 145° 13.9' E	Fl.R. period 2s			PORT (A) R, beacon, topmark.	Marks S. limit of mooring area.
7377 K 2439.2	---No. 12.	38° 22.1' S 145° 13.3' E	Fl.R. period 3s			PORT (A) R, beacon, topmark.	
7377.2 K 2439	---No. 13.	38° 22.1' S 145° 13.4' E	Q.(2)G. period 5s			STARBOARD (A) G, beacon, topmark.	
7378 K 2439.6	-Middle Spit.	38° 22.5' S 145° 15.4' E	Q.(6)+L.Fl.W. period 15s	23 7	4	S. CARDINAL YB, beacon, topmark.	Radar reflector.
7378.3 K 2439.7	--MS1.	38° 21.6' S 145° 14.4' E	Fl.(4)Y. period 6s	23 7	4	Pile.	Radar reflector.
7378.6 K 2443.7	--MS2.	38° 19.9' S 145° 14.6' E	Fl.Y. period 4s	23 7	4	Pile.	Radar reflector.
7378.9 K 2446.5	--MS3.	38° 18.4' S 145° 14.6' E	Fl.Y. period 3s	23 7	4	Pile.	Radar reflector.
-Crib Point:							
7380 K 2440	--Mooring dolphin No. 1.	38° 21.0' S 145° 13.0' E	F.W.	13 4	2		
7384 K 2441.1	---No. 2.	38° 21.0' S 145° 13.0' E	F.R.	15 5	1		
7388 K 2441	--Berthing dolphin No. 1.	38° 21.0' S 145° 13.0' E	F.R.	12 4	1		Forms range 320°40' with dolphin No. 2, marks SW. limit of dredged area.
7392 K 2442.2	--Jetty 1, N. end.	38° 21.0' S 145° 13.0' E	2 F.G. (vert.)	31 9	1		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
7396 K 2442	--S. end.	38° 21.0' S 145° 13.0' E	2 F.G. (vert.)	31 9	1		
7408 K 2451	-Jetty, elbow.	38° 13.7' S 145° 18.3' E	Q.G.				
7416 K 2450.6	-Rutherford Creek, E. side.	38° 16.0' S 145° 19.0' E	Fl.G. period 5s	18 5	2	STARBOARD (A) G, beacon, topmark.	
7420 K 2452	-Tooradin, Sawtells Inlet.	38° 13.0' S 145° 23.0' E	Fl.G. period 10s fl. 0.3s, ec. 9.7s	14 4	3	Pile structure; 13.	
7424 K 2444	-Hastings, N. side of entrance.	38° 20.0' S 145° 13.0' E	Fl.W. period 5s	15 5	4	Green beacon, cone daymark.	
7425 K 2444.2	--S. side, No. 2.	38° 19.6' S 145° 13.1' E	Fl.R. period 2s			PORT (A) R, beacon, topmark.	
7428 K 2446	--On Jetty.	38° 19.0' S 145° 12.0' E	F.R.	17 5	4	Wooden post; 12.	
7429 K 2446.9	-Long Island Point, Liquids Pier Range, front, 580 meters 318°54' to common rear.	38° 18.6' S 145° 13.7' E	F.R.	30 9	2		
7429.1 K 2447	--Common rear.	38° 18.3' S 145° 13.4' E	F.R.	39 12	2		F.G. shown from N. and S. ends of Liquids Pier.
7429.2 K 2447.1	--Range, front, 380 meters 275°35' to common rear.	38° 18.3' S 145° 13.7' E	F.R.	30 9	2		
7431 K 2449	-Steel Industry Wharves Range, front.	38° 17.6' S 145° 13.7' E	F.G. (neon)	16 5	2	Green triangular daymark, point up.	
7431.1 K 2449.1	--Rear, 83 meters 287° from front.	38° 17.6' S 145° 14.4' E	F.G. (neon)	26 8	2	Green triangular daymark, point down.	
7433 K 2449.4	-Watson Inlet, No. 2.	38° 15.7' S 145° 15.6' E	Fl.R. period 3s fl. 0.5s, ec. 2.5s	10 3	1	PORT (A) R, beacon, topmark.	
7434 K 2449.7	-Eagle Rock.	38° 16.0' S 145° 16.7' E	Fl.(2)W. period 10s	10 3	4	ISOLATED DANGER BRB, beacon, topmark.	
7435 K 2450	-Crawfish Rock.	38° 16.3' S 145° 17.6' E	Fl.W.R.G. period 8s	13 4	3	Concrete pile.	G. 077°-215°, W.-286°, R.- 077°.
7436 K 2432	-Coves, jetty, head.	38° 26.9' S 145° 14.3' E	L.Fl.R. period 10s fl. 2s, ec. 8s	17 5	3	Post; 12.	
7440 K 2428	-McHaffies Point.	38° 28.0' S 145° 10.0' E	Oc.W.R.G. period 5s lt. 4s, ec. 1s	90 27	16	Red triangular daymark, point down; 43.	G. 042°-053°, W.-061°, R.- 042°. Reserve light Oc.W.R.G. 3s.
7444 K 2426	-Flinders Jetty.	38° 28.6' S 145° 01.6' E	Oc.W.R.G. period 4s lt. 3s, ec. 1s	21 6	W. 8 R. 6 G. 5	Post; 16.	R. 212°-231°, G.-263°, W.- 301°, G.-320°, R-343°.
7448 K 2424.2	-Round Island.	38° 31.2' S 145° 06.6' E	L.Fl.W.R. period 7s	101 31	10		R. 213°-290°, W.-033°, R.- 066°, W-213°. Reserve light Fl.(2)W.R. 10s.
7450 K 2424.3	-Fairway buoy.	38° 30.3' S 145° 05.3' E	Iso.W. period 2s			SAFE WATER RW, pillar, topmark.	
	-RACON		Y(- • - -)				
7456 K 2423	Cape Schanck.	38° 29.7' S 144° 53.3' E	Mo.(N)W.R. period 22.5s fl. 10.8s, ec. 5.8s fl. 0.1s, ec. 5.8s	328 100	W. 19 R. 16	White round stone tower; 70.	R. shore-290°, W.-130°. Short flash intensified (W. 27M, R. 23M). DGPS Station.
7460 K 2194	Point Lonsdale.	38° 17.6' S 144° 36.8' E	L.Fl.(2)W.R. period 15s fl. 2s, ec. 2s fl. 2s, ec. 9s	120 37	W. 12 R. 10	White concrete tower; 70.	W. 266°-272°, R.-325°, W.- 069°, R.-110°. Tide signals. Horn: 2 bl. ev. 30s. Signal station.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
7464 K 2193	Barwon River Range, front.	38° 17.1' S 144° 29.9' E	Iso.W. period 2s	10 3	1	Metal pole on concrete base; 10.	
7468 K 2193.1	--Rear, 370 meters 296° from front.	38° 16.9' S 144° 29.6' E	F.G.	30 9	5	Timber post; 19.	
7472 K 2199	Fort West.	38° 16.0' S 144° 39.0' E	Dir.Iso.W.R. period 2s	62 19	W. 12 R. 10	Beacon.	W. 048°42'-052°42', R.-058°42'.
PORT PHILLIP:							
7476 K 2199.9	-Hume Tower Range, front.	38° 16.0' S 144° 39.0' E	Oc.R. period 15s lt. 12.5s, ec. 2.5s	92 28	11	Metal framework tower, white rectangular daymark; 108.	Forms range 046° with common rear. Marks W. limit of 12 meter dredged channel.
7480 K 2200	--Shortland Bluff, common rear.	38° 16.4' S 144° 39.6' E	F.Oc.W. period 15s lt. 12.5s, ec. 2.5s	130 40	14	Blue stone tower; 81.	F. 224°-228°, 245°-059°, within the Heads; 014°-059° to seaward. Oc. 029°-053°, 224°-228°. Reserve light Oc.W. 5.5s. In line 225°53' with Coles Channel light.
7484 K 2200.1	---Queenscliff Low, front, 325 meters 042°28' to common rear.	38° 16.4' S 144° 39.6' E	Oc.W.R.G. period 15s lt. 13s, ec. 2s	93 28	W. 12 R. 11 G. 6	White stone tower, black roof and gallery, orange rectangular daymark.	R. 241°-252°, W.-260°, G.-267°, R.-302°, W.-351°, R.-032°, (but obscured by land seaward of Point Nepean 351°-011°), W.-046°, obscured elsewhere.
7488 K 2204	-Murray Tower.	38° 16.5' S 144° 39.5' E	Oc.G. period 15s lt. 12.5s, ec. 2.5s	82 25	5	Steel framework tower.	Visible 032°-046°. In range 038°39' with Shortland-Bluff Light marks E. limit of dredged channel. Reserve light Oc.G. 3s.
7490 K 2205	-Drapers Reef.	38° 16.4' S 144° 39.9' E	Q.R.			PORT (A) R, beacon, topmark.	
7492 K 2206	-Queenscliff, S. jetty elbow.	38° 16.2' S 144° 40.0' E	FR.	16 5	2		
7500 K 2208	--Range, front.	38° 16.0' S 144° 40.2' E	Q.G.	17 5	2	Mast; 13.	
7501 K 2208.1	---Rear, 492 meters 307°33' from front.	38° 15.8' S 144° 40.0' E	F.G.	23 7			
7502.5 K 2206.6	--Boat harbor entrance, S. side.	38° 16.1' S 144° 40.6' E	Q.R.			PORT (A) R, beacon, topmark.	
7504 K 2207	--S. Seawall.	38° 16.0' S 144° 40.3' E	Fl.R. period 5s fl. 1s, ec. 4s	17 5	2	Mast; 13.	
7505 K 2209	-N. Approach.	38° 15.8' S 144° 41.5' E	Fl.R. period 3s	13 4	3	PORT (A) R, beacon, topmark.	
7505.5 K 2211	-Swan Spit.	38° 15.5' S 144° 42.1' E	Q.R.	13 4	3	PORT (A) R, beacon, topmark.	
7506 K 2213	-Swan Bay Jetty, head.	38° 13.7' S 144° 39.3' E	Fl.W. period 5s	16 5	2	Post.	Entrance channel marked by lighted and unlighted beacons.
7507 K 2322.2	-Popes Eye.	38° 17.4' S 144° 41.2' E	V.Q.(6)+L.Fl.W. period 10s	30 9	8	S. CARDINAL YB, beacon, topmark.	
7507.5 K 2322.25	--S.	38° 17.8' S 144° 41.1' E	Q.W.	29 9	9	N. CARDINAL BY, beacon, topmark.	
-South Channel:							
7508 K 2318	--Quarantine station.	38° 19.0' S 144° 42.0' E	Fl.W.G. period 3s fl. 1s, ec. 2s	21 6	2	White post; 13.	W. 129°-199°, G.-129°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
7512 K 2319	--Portsea, pier, head.	38° 19.2' S 144° 42.7' E	F.R.G.	23	7	Iron column; 17.	R. shore-210°, G.-shore.
7513 K 2322.3	---No. 1.	38° 18.1' S 144° 42.4' E	Fl.G. period 3s	26	8	STARBOARD (A) G, beacon.	
7514 K 2322.35	---No. 2.	38° 17.8' S 144° 42.4' E	Fl.R. period 3s	30	9	PORT (A) R, beacon.	
7515 K 2322.4	---No. 3.	38° 18.4' S 144° 43.7' E	Fl.(2)G. period 5s	30	9	STARBOARD (A) G, beacon.	
7516 K 2322.45	---No. 4.	38° 18.1' S 144° 43.8' E	Fl.(2)R. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	23	7	PORT (A) R, beacon.	
7517 K 2322.5	---No. 6.	38° 18.3' S 144° 45.5' E	Fl.(3)R. period 10s	30	9	PORT (A) R, beacon.	
7518 K 2322.55	---No. 7.	38° 19.1' S 144° 47.0' E	Fl.(4)G. period 12s	30	9	STARBOARD (A) G, beacon.	
7519 K 2322.6	---No. 8.	38° 18.6' S 144° 47.1' E	Fl.(4)R. period 12s	30	9	PORT (A) R, beacon.	
7519.5 K 2322.62	--Fort, jetty.	38° 18.4' S 144° 48.1' E	Q.W.			2	
7520 K 2320	--Sorrento Range, front.	38° 20.2' S 144° 44.7' E	F.R.	23	7	Column; 13.	AERO V.Q.R. 48m 0.5M SW.
7521 K 2320.1	---Rear, 169°48' from front.	38° 20.3' S 144° 44.7' E	F.R.	23	7		Visible 079°48'-259°48'.
7521.2 K 2319.5	--Sorrento, entrance channel, No. 1.	38° 19.5' S 144° 44.5' E	Fl.G. period 5s	13	4	STARBOARD (A) G, beacon, topmark.	
7521.3 K 2319.6	---No. 2.	38° 19.5' S 144° 44.7' E	Fl.R. period 5s	13	4	PORT (A) R, beacon, topmark.	
7522 K 2322.65	--Beacon No. 9.	38° 19.4' S 144° 48.6' E	Fl.G. period 3s	30	9	STARBOARD (A) G, beacon.	
7523 K 2322.7	---No. 10.	38° 19.0' S 144° 48.8' E	Fl.R. period 3s	30	9	PORT (A) R, beacon.	
7523.4 K 2325.5	---Rye Channel, S.	38° 20.3' S 144° 49.1' E	Fl.W. period 3s			2 Pile beacon.	
7524 K 2322.75	---No. 11.	38° 19.6' S 144° 50.0' E	V.Q.W.	30	9	N. CARDINAL BY, beacon, topmark.	Radar reflector.
7525 K 2322.8	---No. 12.	38° 19.4' S 144° 50.1' E	Fl.(2)R. period 5s	30	9	PORT (A) R, beacon.	
7525.6 K 2322.83	---NW. of Spoil Ground.	38° 19.8' S 144° 51.1' E	Fl.(2)W. period 6s			2 ISOLATED DANGER BRB, beacon, topmark.	Radar reflector.
7526 K 2322.85	---No. 13.	38° 20.0' S 144° 51.5' E	Fl.(3)G. period 10s	30	9	STARBOARD (A) G, beacon.	Radar reflector.
7527 K 2322.9	---No. 14.	38° 19.8' S 144° 51.6' E	Fl.(3)R. period 10s	30	9	PORT (A) R, beacon.	Radar reflector.
7527.5 K 2322.95	---No. 15.	38° 20.1' S 144° 52.4' E	Fl.(4)G. period 12s	30	9	STARBOARD (A) G, beacon.	
7528 K 2323	---No. 16.	38° 19.9' S 144° 52.4' E	Fl.(4)R. period 12s	30	9	PORT (A) R, beacon.	
7529 K 2323.2	---No. 18.	38° 19.9' S 144° 53.4' E	Fl.R. period 3s	30	9	PORT (A) R, beacon.	
7530 K 2323.25	---No. 19.	38° 20.2' S 144° 54.4' E	Fl.(2)G. period 5s	30	9	STARBOARD (A) G, beacon.	Unintensified 096°-105°. Radar reflector.
7531 K 2323.3	---No. 20.	38° 19.9' S 144° 53.9' E	Fl.(2)R. period 5s	30	9	PORT (A) R, beacon.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
7532 K 2325	--Rye Jetty.	38° 22.0' S 144° 49.0' E	Fl.R. period 12.5s fl. 0.5s, ec. 12s	19 6	3	Post; 12.	
7564 K 2324	--Hovell, E. end of middle ground.	38° 19.7' S 144° 53.8' E	Fl.W. period 6s	36 11	11		Fl.(2)W. 8s 6M. Emergency light.
7572 K 2327	--Jetty.	38° 21.0' S 144° 54.4' E	Fl.R. period 6s	22 7	5	Post; 15.	
			F.Bu.		5		
7576 K 2328	--Dromana Jetty.	38° 20.0' S 144° 58.0' E	F.R.	24 7	2	Post; 15.	
	-East Side:						
7580 K 2330	--Schnapper Point.	38° 13.0' S 145° 02.0' E	Fl.W. period 6s	30 9	10	Iron framework structure.	
7584 K 2331	--Frankston, jetty, head.	38° 09.0' S 145° 07.0' E	Fl.G. period 4s		4	Post.	
7590 K 2331.45	--Patterson River.	38° 04.5' S 145° 07.1' E	Q.(2)Y. period 4s	13 4	2	Yellow beacon.	
7592 K 2331.6	---Entrance.	38° 04.5' S 145° 07.1' E	Fl.W. period 3s	23 7	8	On roof of building.	Visible 010°-150°.
7600 K 2332	--Mordialloc, jetty, head.	38° 00.8' S 145° 05.0' E	Fl.R. period 2s	39 12	3	Wooden post.	
7604 K 2331.8	---E. side.	38° 00.7' S 145° 05.1' E	Fl.G. period 2s	23 7	3		Visible 004°-034°.
7605 K 2332.3	--Beaumaris Bay.	37° 59.9' S 145° 01.7' E	Fl.G. period 5s	13 4	2	STARBOARD (A) G, beacon.	
7606 K 2332.6	---Boat ramp.	37° 59.5' S 145° 02.6' E	Fl.W. period 2s	33 10	5	On roof of building.	
7608 K 2333	--Half Moon Bay, Black Rock, breakwater, head.	37° 58.1' S 145° 00.5' E	Fl.W. period 5s	21 6	3	Post; 12.	R. light on tower 1.5 miles ENE.
7609 K 2333.5	--Anonyma Shoal, W. side.	37° 57.5' S 144° 59.3' E	V.Q.(9)W. period 10s			W. CARDINAL YBY, beacon, topmark.	E. cardinal beacon Q.(3)W. 5s marks E. side of shoal.
7612 K 2334	--Picnic Point jetty, head.	37° 56.5' S 144° 59.6' E	Fl.(2)G. period 5s	16 5	4		Q.R. and Q.G. mark wave screen in Sandringham Harbor.
7616 K 2335	--Middle Brighton Pier, head.	37° 54.3' S 144° 58.8' E	Fl.G. period 5s			Beacon.	
7618 K 2233	--Symonds Channel, N. end.	38° 13.5' S 144° 48.5' E	Q.R.	30 9	8	PORT (A) R, beacon, topmark.	
	-West Channel:						
7620 K 2220	--Popes Eye Bank, No. 1, junction of S. and W. channels.	38° 16.7' S 144° 41.8' E	Fl.W.R. period 6s fl. 0.5s, ec. 5.5s	24 7	W. 7 R. 5	Green beacon.	R. 164°-034°, W. elsewhere.
7632 K 2222	--Channel, No. 2.	38° 15.6' S 144° 42.4' E	Fl.(2)R. period 4s	23 7	5	PORT (A) R, beacon, topmark.	
7633 K 2221	---No. 3.	38° 16.0' S 144° 42.6' E	Fl.(2)G. period 4s	20 6	5	STARBOARD (A) G, beacon, topmark.	
7634 K 2222.5	---No. 4.	38° 14.7' S 144° 43.0' E	Fl.(2)R. period 4s	16 5	5	PORT (A) R, beacon, topmark.	
7636 K 2223	---No. 5.	38° 14.8' S 144° 43.2' E	Fl.(2)G. period 4s	23 7	5	STARBOARD (A) G, beacon, topmark.	
7637 K 2226	---No. 6.	38° 13.9' S 144° 43.5' E	Fl.(2)R. period 4s	13 4	5	PORT (A) R, beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
7640 K 2226.5	--No. 7.	38° 14.0' S 144° 43.7' E	Fl.(2)G. period 4s	23 7	5	STARBOARD (A) G, beacon, topmark.	
7642 K 2228	--No. 8.	38° 13.1' S 144° 44.0' E	Fl.(2)R. period 4s	23 7	5	PORT (A) R, beacon, topmark.	
7644 K 2230	---No. 9.	38° 13.0' S 144° 44.4' E	Fl.(2)G. period 4s	23 7	5	STARBOARD (A) G, beacon, topmark.	
7647 K 2231.5	---No. 13.	38° 12.0' S 144° 45.8' E	Fl.(3)G. period 10s	23 7	3	STARBOARD (A) G, beacon, topmark.	
7652 K 2225	-Coles Channel.	38° 14.0' S 144° 42.0' E	Fl.W. period 4s	20 6	9	White hut on black piles; 18.	In line 195° with Monash. In line 225°53' with Shortland Bluff.
7656 K 2234	--St. Leonards, on jetty.	38° 10.0' S 144° 43.0' E	Fl.G. period 10s	20 6	4	Wooden post.	
7657 K 2234.5	-Prince George Bank, beacon No. 2.	38° 09.1' S 144° 44.4' E	Fl.R. period 3s	13 4	3	PORT (A) R, beacon, topmark.	
7658 K 2235	--Beacon No. 4.	38° 07.7' S 144° 44.2' E	Q.R.	13 4	3	PORT (A) R, beacon, topmark.	
7660 K 2236	-Prince George Shoal.	38° 06.5' S 144° 44.1' E	Fl.R. period 4s	23 7	8	Pile.	Six lighted special beacons mark shellfish cultivation area 2.2 miles W.
	-RACON		G(- - •)				(3 & 10cm)
7662 K 2237	-Station Peak.	37° 57.2' S 144° 25.4' E	Q.R.	1148 350			
7664.1 K 2239	--Port Arlington, breakwater, head.	38° 06.7' S 144° 39.2' E	Fl.G. period 6s	13 4	6		
7667	-Clifton Springs, breakwater, head.	38° 09.3' S 144° 33.3' E	Q.G.				
	-Point Richards Channel:						
7667.5 K 2241	--Entrance.	38° 05.0' S 144° 39.9' E	Q.W.	33 10	9	N. CARDINAL BY, beacon, topmark; 30.	AIS (MMSI No 995031042).
7668 K 2242	--No. 1.	38° 05.1' S 144° 38.6' E	Iso.G. period 4s	33 10	5	STARBOARD (A) G, beacon; 30.	
			F.G.				
7672 K 2242.2	--No. 2.	38° 05.1' S 144° 38.6' E	Iso.R. period 4s	33 10	5	PORT (A) R, beacon; 30.	
			F.R.				
7676 K 2242.4	--No. 3.	38° 05.2' S 144° 37.7' E	Iso.G. period 4s	33 10	5	STARBOARD (A) G, beacon; 30.	
7680 K 2242.6	--No. 4.	38° 05.3' S 144° 37.7' E	Iso.R. period 4s	33 10	5	PORT (A) R, beacon; 30.	
7684 K 2242.8	--No. 5.	38° 05.4' S 144° 36.9' E	Iso.G. period 4s	33 10	5	STARBOARD (A) G, beacon; 30.	
7688 K 2243	--No. 6.	38° 05.4' S 144° 36.9' E	Iso.R. period 4s	33 10	5	PORT (A) R, beacon; 16.	
7692 K 2243.2	--No. 7.	38° 05.6' S 144° 36.0' E	Iso.G. period 4s	33 10	5	STARBOARD (A) G, beacon; 30.	
7693 K 2243.3	--No. 7A.	38° 06.0' S 144° 35.4' E	Iso.G. period 4s	33 10	5	STARBOARD (A) G, beacon; 30.	Iso.G. 4s and F.G. lights contained within a single light unit.
			F.G.				
7696 K 2243.4	--No. 8.	38° 05.7' S 144° 36.1' E	Iso.R. period 4s	33 10	5	PORT (A) R, beacon; 16.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
7697 K 2243.5	--No. 8A.	38° 06.0' S 144° 35.5' E	Iso.R. period 4s	33	5	PORT (A) R, beacon; 30.	
F.R.							
7700 K 2248	--No. 9.	38° 06.3' S 144° 34.8' E	Iso.G. period 4s	33	5	STARBOARD (A) G, beacon; 30.	
7704 K 2249	--No. 10.	38° 06.4' S 144° 34.9' E	Iso.R. period 4s	33	5	PORT (A) R, beacon; 30.	
7708 K 2250	--No. 11.	38° 06.6' S 144° 34.3' E	Iso.G. period 4s	33	5	STARBOARD (A) G, beacon; 30.	
7712 K 2251	--No. 12.	38° 06.7' S 144° 34.3' E	Iso.R. period 4s	33	5	PORT (A) R, beacon; 30.	Shellfish Cultivation Area close SE. marked by six lit special beacons with topmarks.
7716 K 2252	--No. 13.	38° 07.2' S 144° 33.1' E	Iso.G. period 4s	33	5	STARBOARD (A) G, beacon; 30.	
7720 K 2253	--No. 14.	38° 07.3' S 144° 33.2' E	Iso.R. period 4s	33	5	PORT (A) R, beacon; 30.	
7724 K 2253.2	--No. 15.	38° 07.5' S 144° 32.6' E	Iso.G. period 4s	33	5	STARBOARD (A) G, beacon; 30.	Iso.G. 4s and F.G. lights contained within a single light unit.
F.G.							
7728 K 2253.4	--No. 16.	38° 07.6' S 144° 32.7' E	Iso.R. period 4s	33	5	PORT (A) R, beacon; 30.	
F.R.							
7732 K 2254	--No. 17.	38° 07.7' S 144° 32.0' E	Q.G.	33	5	STARBOARD (A) G, beacon; 30.	
7734 K 2254.5	--No. 18.	38° 07.9' S 144° 32.1' E	Q.W.	33	5	N. CARDINAL BY, beacon, topmark; 30.	
7736 K 2245	--Range, front, explosive pier, head.	38° 06.0' S 144° 32.0' E	F.R.	11 3		Fluorescent tubes on triangular daymark, point up.	Q.G. about 750 meters E. and about 1200 meters E.
7740 K 2245.1	--Rear, 212 meters 273°38' from front.	38° 05.9' S 144° 32.2' E	F.R.	23 7		Triangular daymark, point down.	
-Geelong Harbor:							
7744 K 2255.4	--Wilson Spit Channel Beacon No. 2.	38° 08.0' S 144° 31.0' E	Fl.R. period 1.5s fl. 0.5s, ec. 1s	23 7	3	PORT (A) R, beacon.	
7748 K 2255	--No. 1, N. side of channel.	38° 08.0' S 144° 31.0' E	Fl.G. period 5s	20 6	3	STARBOARD (A) G, beacon.	
7752 K 2257	--No. 4, S. side of channel.	38° 07.6' S 144° 30.5' E	Fl.R. period 1.5s	20 6	3	PORT (A) R, beacon.	Channel marked by beacons no. 3, 5-16, Fl.R. and Fl.G.
7754 K 2270.15	--Point Henry Channel Entrance.	38° 07.2' S 144° 27.3' E	V.Q.W.	29 9	6	N. CARDINAL BY, beacon, topmark.	
7756 K 2270.6	--Point Henry Pier, head.	38° 08.0' S 144° 26.0' E	F.R.	20 6		Dolphin.	Lights are shown on south side of channel.
7760 K 2270	--Point Henry Pier Range, front.	38° 07.8' S 144° 26.3' E	F.G. (neon)	47 14			
7764 K 2270.1	--Rear, about 1,237 meters 233°45' from front.	38° 08.2' S 144° 25.6' E	F.G. (neon)	85 26			
7765 K 2270.7	--Point Henry, N. limit of channel Range, front.	38° 07.8' S 144° 26.3' E	F.Bu.	20 6	1	Yellow triangular daymark, point up; 17.	Marks a line 2.8 meters off N. bank of channel.
7766 K 2270.71	--Rear, 159 meters 233°44' from front.	38° 07.8' S 144° 26.2' E	F.Bu.	23 7	1	Yellow triangular daymark, point down.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
7768 K 2272	--Hopetoun Channel Beacon No. 2.	38° 07.0' S 144° 27.0' E	Q.R.	23	3	PORT (A) R, beacon.	
7772 K 2271	--No. 1, N. side of channel.	38° 07.1' S 144° 26.9' E	Fl.(3)G. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	20	5	STARBOARD (A) G, beacon.	Channel marked by beacons.
7773 K 2285	--No. 13.	38° 07.5' S 144° 22.8' E	Q.(6)+L.Fl.W. period 15s	20	3	S. CARDINAL YB, beacon.	
7774 K 2297.5	--Marina breakwater, E. end.	38° 08.7' S 144° 22.1' E	F.G.	13	1		
7775 K 2297.6	---W. end.	38° 08.7' S 144° 22.0' E	F.R.	13	1		
7776 K 2297	--E. wharf, head.	38° 09.0' S 144° 22.0' E	F.R.	18	2	Post.	
7777 K 2296	--Yarra pier ruins.	38° 08.6' S 144° 21.9' E	Q.W.			N. CARDINAL BY, beacon, topmark.	
7778 K 2295	--Range, front.	38° 08.6' S 144° 21.7' E	F.G.				Marks W. limit of dredged area.
7778.1 K 2295.1	---Rear, 150 meters 194°30' from front.	38° 08.7' S 144° 21.7' E	F.G.				
-Corio Bay:							
7788 K 2300	--No. 1.	38° 07.0' S 144° 22.0' E	Fl.G. period 2s fl. 0.5s, ec. 1.5s	20	3	STARBOARD (A) G, beacon.	
7792 K 2301	--No. 2.	38° 07.4' S 144° 22.0' E	Fl.R. period 2s		1	PORT (A) R, beacon.	
7796 K 2302	--No. 3.	38° 06.8' S 144° 22.3' E	Fl.G. period 2s	20	3	STARBOARD (A) G, beacon.	
7800 K 2303	--No. 4.	38° 07.1' S 144° 22.0' E	Fl.R. period 2s		1	PORT (A) R, beacon.	
7804 K 2311	--Bulk Wheat Pier, head.	38° 07.0' S 144° 22.0' E	F.R.	14		Dolphin.	
7808 K 2311.2	---50 meters from pier, head.	38° 06.9' S 144° 22.0' E	F.R. (neon)	42		Post.	Neon triangle.
7810 K 2311.22	---Off N. Pier.	38° 06.7' S 144° 22.2' E	Fl.R. period 2s			Dolphin.	F.R. on pier head 40 meters NW.
7811 K 2312.5	--Corio Quay Approach.	38° 06.6' S 144° 22.1' E	Fl.(2)R. period 5s	30	3	PORT (A) R, beacon, topmark.	
7811.1 K 2312.55	---S. limit.	38° 06.5' S 144° 22.0' E	Fl.(3)R. period 6s	30	3	PORT (A) R, beacon, topmark.	Radar reflector.
7811.5 K 2312.6	---N. Limit.	38° 06.3' S 144° 22.5' E	Q.(6)W.+L.Fl.W. period 15s	30	3	S. CARDINAL YB, beacon, topmark.	
7812 K 2304	--No. 5.	38° 06.3' S 144° 22.7' E	Fl.G. period 2s		1	STARBOARD (A) G, beacon.	
7816 K 2305	--No. 6.	38° 06.3' S 144° 22.6' E	Fl.R. period 2s		1	PORT (A) R, beacon.	
7820 K 2306	--No. 7.	38° 05.8' S 144° 23.2' E	Fl.(2)G. period 5s	29	3		
7824 K 2307	--No. 8.	38° 06.0' S 144° 22.8' E	Fl.R. period 2s		1	PORT (A) R, beacon.	
7828 K 2308	--No. 9.	38° 05.5' S 144° 23.7' E	Fl.G. period 2s		1	STARBOARD (A) G, beacon; 16.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
7832 K 2309	--No. 10.	38° 05.6' S 144° 23.1' E	Fl.R. period 2s			1 PORT (A) R, beacon.	
7836 K 2310	--No. 11.	38° 05.4' S 144° 23.5' E	Fl.G. period 2s			1 STARBOARD (A) G, beacon; 16.	
7840 K 2290	--Rippleside Pier.	38° 08.0' S 144° 22.0' E	F.G.	12 4		4 Post.	
7844 K 2314	--N. Wharf, E. end.	38° 06.4' S 144° 22.1' E	F.R.			2 Post.	
7848 K 2313	--N. Wharf, elbow.	38° 06.0' S 144° 22.0' E	F.W.	12 4		2	
7856 K 2316	--Refinery Pier, E. head.	38° 05.0' S 144° 23.0' E	F.R.	21 6		2 Post.	
7860 K 2316.2	---W. head.	38° 05.5' S 144° 23.3' E	2 F.R. (vert.)	20 6			F.G. (occasional) range lights in line 315° about 360 yards 322°.
7862 K 2317.71	--Limeburners Creek.	38° 04.6' S 144° 23.9' E	Fl.(3)G. period 8s			STARBOARD (A) G, pile, topmark.	Channel is marked by R. and G. lighted beacons.
-Werribee River:							
7868 K 2422	--SE. of N. entrance.	37° 58.3' S 144° 41.6' E	Fl.Y. period 5s			SPECIAL Y, pile, topmark.	Tide gauge.
7872 K 2420	--Range, front.	37° 58.5' S 144° 41.1' E	F.Bu.	16 5		4 Post, white triangular daymark, point up.	
7876 K 2420.1	---Rear, 168 meters 309°26' from front.	37° 58.4' S 144° 41.0' E	F.Bu.	23 7		4 Post, white triangular daymark, point down.	
7878 K 2418.9	-Explosives Anchorage.	37° 56.9' S 144° 51.5' E	Fl.(4)Y. period 12s	33 10		3 SPECIAL Y, beacon, topmark.	
7879 K 2418.8	-Point Cook.	37° 55.7' S 144° 48.8' E	Q.(3)W. period 10s	23 7		3 E. CARDINAL BYB, beacon, topmark.	
7880 K 2419	--Air Force Station.	37° 56.0' S 144° 45.0' E	2 F.R. (vert.)	102 31			
7884 K 2418	-Trugania, Laverton Jetty.	37° 52.5' S 144° 49.7' E	Fl.G. period 5s	21 6		5 Column; 14.	
7884.5 K 2417.73	-Altona Boat Harbor.	37° 52.0' S 144° 51.0' E	Fl.G. period 3s			STARBOARD (A) G, beacon, topmark.	
7885.4 K 2417.2	--No. 1.	37° 51.9' S 144° 52.0' E	Fl.Y. period 3s			SPECIAL Y, beacon, topmark.	
7885.5 K 2417.32	--P3.	37° 53.6' S 144° 52.8' E	Fl.Y. period 3s			SPECIAL Y, beacon, topmark.	
7886 K 2338.22	-Gellibrand Shoal.	37° 52.7' S 144° 54.8' E	Q.(3)W. period 10s F.Bu.	16 5		5 E. CARDINAL BYB, beacon, topmark. Same structure.	Radar reflector.
-Port Melbourne:							
7888 K 2337	--Fawkner Beacon.	37° 56.2' S 144° 55.6' E	Fl.W. period 5s	56 17		17 White tower, red bands, on piles.	Reserve light range 10M.
	--RACON		F(•••••)		10		
7889 K 2337.2	--Port Melbourne Channel, No. 1.	37° 55.6' S 144° 55.6' E	Fl.G. period 5s	23 7		3 Beacon, triangular topmark, point up.	Radar reflector.
7889.2 K 2337.3	---No. 3.	37° 55.1' S 144° 55.7' E	Fl.G. period 5s	23 7		3 Beacon, triangular topmark, point up.	Radar reflector.
7889.5 K 2337.6	---No. 6.	37° 54.5' S 144° 55.5' E	Fl.R. period 5s	23 7		3 Beacon, rectangular topmark.	Radar reflector.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
7889.7 K 2338.18	---No. 7.	37° 53.9' S 144° 55.7' E	Fl.G. period 5s fl. 1s, ec. 4s	23 7	3	Beacon, triangular topmark, point up.	Radar reflector.
7889.8 K 2338.17	---No. 8.	37° 53.9' S 144° 55.6' E	Fl.R. period 5s	23 7	3	Beacon, rectangular topmark.	Radar reflector.
7890 K 2338.2	---No. 9.	37° 53.2' S 144° 55.7' E	Fl.G. period 5s	23 7	3	Beacon, triangular topmark, point up.	Radar reflector.
7890.2 K 2338.19	---No. 10.	37° 53.2' S 144° 55.6' E	Fl.R. period 5s	23 7	3	Beacon, rectangular topmark.	Radar reflector.
7890.4 K 2338.3	---No. 11.	37° 52.7' S 144° 55.8' E	Fl.(2)G. period 4s		5	STARBOARD (A) G, beacon.	Radar reflector.
7890.6 K 2338.24	---No. 12.	37° 52.7' S 144° 55.6' E	Q.R.	39 12	5	PORT (A) R, beacon.	Radar reflector.
7891 K 2338.25	---No. 14.	37° 52.5' S 144° 55.6' E	Fl.(2)R. period 4s	23 7	5	PORT (A) R, beacon.	
7895 K 2338	--Port Melbourne Channel Range, front.	37° 50.5' S 144° 55.8' E	F.Bu.	30 9	8		
7896 K 2338.1	---Rear, 001°30' from front.	37° 50.2' S 144° 55.8' E	Fl.W. period 5s	78 24	20	White concrete tower; 85.	Visible 359°30'-003°30'.
			Dir.Iso.W.R.G. period 3s	70 21	15	Same structure.	G. 001°06'-001°24', W.- 001°36', R.-001°54'. Shown 24 hours.
			F.Bu.	59 18	8		
7900 K 2339.4	--Prince's Pier, head.	37° 50.7' S 144° 55.5' E	F.W.	36 11	4	Steel tower.	F.G. marks S. end of Lagoon Pier, F.R. marks head of Kerford Pier, 2 F.W. (vert.) marks Station Pier head, F.G. shown from inner arm.
7904 K 2361	--Williamstown Channel Range, front.	37° 50.3' S 144° 54.2' E	F.Bu.	36 11	8	Post, orange triangular daymark, point up; 33.	Visible 324°45'-344°45'.
7908 K 2361.1	---Rear, 480 meters 324°45' from front.	37° 50.1' S 144° 54.1' E	F.Bu.	30 9	8	Post, orange triangular daymark, point down; 26.	Visible 324°45'-344°45'.
7919 K 2340.1	--Jetty, head.	37° 51.1' S 144° 57.0' E	Fl.G. period 10s				
7920 K 2340.2	--St. Kilda, breakwater, head.	37° 51.7' S 144° 57.6' E	Fl.R. period 5s	20 6	2	Column; 13.	F.R. on jetty 0.8 miles NW.
	-Williamstown:						
7924 K 2346	--Dock Pier, head.	37° 52.0' S 144° 55.0' E	2 F.R. (horiz.)				
7925 K 2347	--Nelson Pier W., head.	37° 51.7' S 144° 54.7' E	F.W.				
7926 K 2348	--Reid Street Pier, head.	37° 51.6' S 144° 54.7' E	Q.W.	23 7	2	Column.	
7927 K 2349	--Ann Street Pier, head.	37° 51.6' S 144° 54.6' E	F.G.	26 8		Column.	
7928 K 2350	--Workshops Jetty, head.	37° 51.6' S 144° 54.5' E	F.W.	23 7			
7929 K 2351	--Gem Pier, head.	37° 51.7' S 144° 54.3' E	F.R. (neon)	23 7	2	Post.	
7930 K 2352	--Ferguson Street Pier Range, front.	37° 51.6' S 144° 54.3' E	F.G.	23 7			
7931 K 2352.1	---Rear, 40 meters 268°40' from front.	37° 51.6' S 144° 54.3' E	F.G.	30 9			

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
7932 K 2343	--Breakwater Pier, head.	37° 52.0' S 144° 55.0' E	Fl.R. period 2s fl. 0.5s, ec. 1.5s	18 5	10		
7937 K 2338.4	--Williamstown Channel, No. 15.	37° 52.1' S 144° 55.6' E	Q.(9)W. period 15s			W. CARDINAL YBY, beacon, topmark.	
7938 K 2338.26	---No. 16.	37° 52.3' S 144° 55.5' E	Fl.R. period 5s	23 7	2	PORT (A) R, beacon.	
7940 K 2341	---No. 17.	37° 51.8' S 144° 55.3' E	Fl.G. period 5s	20 6	2	STARBOARD (A) G, beacon.	
7944 K 2353	---No. 17A.	37° 51.6' S 144° 55.2' E	Fl.G. period 5s fl. 0.5s, ec. 4.5s	14 4	2	STARBOARD (A) G, beacon.	
7948 K 2353.4	---No. 19A.	37° 51.5' S 144° 55.1' E	Fl.G. period 5s fl. 0.5s, ec. 4.5s	23 7	2	STARBOARD (A) G, beacon.	
7952 K 2354	---No. 19.	37° 51.5' S 144° 55.0' E	Fl.G. period 2s fl. 0.5s, ec. 1.5s	23 7	2	STARBOARD (A) G, beacon.	
7956 K 2356	--SW. side of dredged channel, No. 22.	37° 51.3' S 144° 54.6' E	Fl.R. period 5s	30 9	2	PORT (A) R, beacon.	
7960 K 2354.4	---No. 20.	37° 51.5' S 144° 54.8' E	Fl.R. period 2s fl. 0.5s, ec. 1.5s	23 7	2	PORT (A) R, beacon.	
7964 K 2355	---No. 21.	37° 51.1' S 144° 54.9' E	Fl.G. period 5s fl. 1s, ec. 4s	22 7	2	STARBOARD (A) G, beacon.	
	-Yarra River:						
7968 K 2357	---NE. side of river entrance, No. 23.	37° 51.0' S 144° 54.6' E	Iso.G. period 4s F.G. (neon)	26 8	2	STARBOARD (A) G, beacon, topmark.	Radar reflector.
7972 K 2344	--Webb Dock.	37° 50.8' S 144° 54.3' E	Dir.V.Q.W.R.G.	33 10	5		G. 322°38'-323°20', W.-325°35', R.-326°59'. Shown 24 hours.
7976 K 2404	-No. 45 Range, front.	37° 50.0' S 144° 54.0' E	F.G. F.I.G. period 2s			STARBOARD (A) G, beacon.	
7980 K 2404.1	--Rear, 75 meters 146°30' from front.	37° 49.4' S 144° 54.5' E	F.R.				
7984 K 2182	Eagle Nest Point (Split Point).	38° 28.0' S 144° 06.0' E	Fl.(4)W.R. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	218 66	W. 20 R. 16	White concrete tower; 110.	R. 233°-249°, W.-039°, R.-048°, obscured elsewhere.
7988 K 2180	Lorne, Loutit Bay, jetty, head.	38° 33.0' S 143° 59.0' E	Fl.R.G. period 5s fl. 1s, ec. 4s	25 8	6	Wooden post; 12.	R. 275°-047°, G.-275°.
7992 K 2176	Apollo Bay Range, front.	38° 44.0' S 143° 42.0' E	Fl.W.R. period 3s	111 34	5	White mast on pyramid; 29.	W. 257°-354°, R.-009°, W.-020°, R.-257°.
7996 K 2176.1	-Rear, 0.58 mile 016°30' from front.	38° 43.0' S 143° 42.7' E	F.G. (neon)	374 114	12	Neon triangle, point down.	
	APOLLO BAY:						
8000 K 2177	-E. breakwater, head.	38° 46.0' S 143° 41.0' E	Iso.W. period 2s	26 8	7	Column; 13.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
8004 K 2177.5	-Range, front.	38° 46.0' S 143° 40.0' E	F.G.	29 9	2	Post, vertical strip light.	
8008 K 2177.51	--Rear, 211°31' from front.	38° 45.7' S 143° 40.4' E	F.G.	41 12	2	Post, vertical strip light.	
8012 K 2172	Cape Otway.	38° 51.4' S 143° 30.8' E	Fl.W.R. period 10s fl. 0.1s, ec. 9.9s	239 73	W. 19 R. 15	White fiberglass hut; 13.	W. 257°-109°, R.-shore.
WARRAMBOOL HARBOR:							
8016 K 2158	-Lady Bay Range, front.	38° 23.5' S 142° 29.4' E	F.R.G.	87 27	5	White stone tower.	R. 323°-329°, G.-008°12', R.-046°.
8020 K 2158.1	--Rear, 130 meters 008°15' from front.	38° 23.4' S 142° 29.4' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	109 33	18	White stone structure.	Visible 322°-094°.
8024 K 2162	-Breakwater, head.	38° 24.0' S 142° 29.0' E	Fl.R.G. period 3s fl. 0.5s, ec. 2.5s	26 8	2	Iron column.	G. 160°-340°, R.-056°, obscured elsewhere.
PORT FAIRY:							
8028 K 2146	-Griffith Island, E. point.	38° 23.5' S 142° 15.2' E	Fl.(2)W. period 10s	41 12	4	White round stone tower; 36.	Visible 170°-069°.
-Moynes River:							
8032 K 2150	--S. mole, head.	38° 23.4' S 142° 15.2' E	Fl.W.R. period 3s	20 6	W. 3 R. 1	Iron column; 15.	W. 028°30'-208°30', R.- 316°.
8034 K 2151	--N. mole, head.	38° 23.4' S 142° 15.2' E	Fl.G. period 3s	15 5	1		
8036 K 2152	-Martins Point.	38° 23.0' S 142° 15.0' E	F.R.	18 5	3	Iron post; 12.	
PORTLAND BAY:							
8048 K 2138	-Whaler Point.	38° 20.0' S 141° 37.0' E	Fl.(3)W.R. period 30s fl. 1s, ec. 3.5s fl. 1s, ec. 3.5s fl. 1s, ec. 20s	135 41	15	White stone tower; 39.	W. 236°-297°, R.-317°, obscured elsewhere.
8052 K 2139	-Main breakwater, head.	38° 21.0' S 141° 38.0' E	Q.R.	60 18	5	Spiral concrete and glass tower.	
8056 K 2140	-Lee breakwater, head.	38° 21.0' S 141° 37.0' E	Fl.G. period 4s	43 13	2		
8058 K 2141	-W.	38° 21.3' S 141° 37.1' E	Dir.F.W.G.	138 42	5	On building.	G. 181°54'-197°47', W.- 201°54'.
8058.1 K 2141.2	-E.	38° 21.3' S 141° 37.1' E	Dir.F.W.R.	138 42	5	On building.	W. 193°40'-197°47', R.- 213°40'.
8060 K 2142	-Marina Pier, head.	38° 21.0' S 141° 36.6' E	Iso.R. period 2s	21 6	5	Mast; 13.	
8064 K 2136	Cape Nelson.	38° 25.8' S 141° 32.5' E	Fl.(4)W. period 20s fl. 0.1s, ec. 2.5s fl. 0.1s, ec. 2.5s fl. 0.1s, ec. 2.5s fl. 0.1s, ec. 12.1s	246 75	21	White stone tower; 79.	Visible 253°-107°.
8068 K 2133	Port MacDonnell Range, front.	38° 03.4' S 140° 42.4' E	F.Bu.	40 12	8	Mast, triangular daymark, point up.	

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AUSTRALIA-SOUTH COAST							
8072 K 2133.1	-Rear, 239 meters 306°56' from front.	38° 03.1' S 140° 42.2' E	F.Bu.	72 22	8	Water tower, triangular daymark, point down.	
8074 K 2134	-Breakwater, head.	38° 03.7' S 140° 42.0' E	Fl.R. period 3s	33 10	4		
8076 K 2132	Cape Northumberland.	38° 03.3' S 140° 40.2' E	Fl.W. period 5s	147 45	20	White tower, red band; 56.	Visible 280°-277°.
			Fl.R. period 10s		14		Visible 277°-280°.
8080 K 2130	Cape Banks.	37° 53.8' S 140° 22.5' E	Fl.(2)W. period 10s	83 25	18	White lantern on orange round stone tower; 46.	F.W. on radio tower 015°, 18.2 miles.
8084 K 2129	Cape Buffon, NW. extremity.	37° 35.0' S 140° 07.0' E	Fl.W.R. period 2.4s	50 15	W. 8 R. 3	White steel tower; 6.	W. 059°-079°, R.-089°, W.-111°, R. elsewhere.
8088 K 2129.4	-Jetty, head.	37° 35.0' S 140° 07.0' E	Fl.W. period 1.5s	23 7	5		
8092 K 2126	Cape Martin.	37° 30.0' S 140° 01.0' E	Fl.(4)W. period 20s	126 38	18	White square concrete tower; 27.	
8096 K 2128	Beachport Jetty, Rivoli Bay.	37° 30.0' S 140° 01.0' E	Fl.W.R. period 4s	25 8	W. 6 R. 4	Round metal tower.	R. 193°-001°, W.-013°, obscured elsewhere.
8100 K 2122.8	Robe.	37° 10.0' S 139° 44.7' E	Fl.(3)W. period 10s	208 63	20	White concrete tower; 59.	Unintensified 189°-252°. Reserve light range 18M.
	RACON		G(- - •)		21		(3 & 10cm)
8104 K 2123	Cape Dombey.	37° 09.0' S 139° 45.0' E	Fl.W. period 2s		8		Visible 036°-306°.
8108 K 2124	Robe, on Cape Dombey.	37° 10.0' S 139° 46.0' E	Fl.W.R. period 4s		7	Red triangular topmark.	R. 121°-141°, W.-151°, R.-241°.
8112 K 2122.1	Margaret Brock Reef.	36° 57.1' S 139° 35.7' E	Fl.W. period 5s	56 17	10	White fiberglass hut with platform on white pile.	Radar reflector.
8116 K 2121	-Jetty, head.	36° 56.0' S 139° 41.0' E	Fl.W. period 1.5s	21 6	5		
8120 K 2120	Lacepede Bay, jetty, head.	36° 50.0' S 139° 51.0' E	Fl.W.R. period 3s fl. 0.3s, ec. 2.7s	35 11	10		R. 126°12'-132°12', shows over ruins of outer end of jetty, W. 132°12'-126°12'.
8124 K 2118	Murray River, Mundoo Island, inside mouth of river.	35° 33.0' S 138° 54.0' E	Fl.W. period 7.5s	25 8	5	Column on piles.	
8128 K 2116	Victor Harbor, E. end of Granite Island.	35° 35.0' S 138° 38.0' E	Fl.W.R. period 4s	125 38	W. 8 R. 6	Round tower.	W. 360°-310°, R.-360°.
8132 K 2117	-Jetty, head.	35° 33.8' S 138° 38.1' E	Q.W.R.	29 9	3		W. 088°-260°, R.-310°.
KANGAROO ISLAND:							
8136 K 2112	-Cape Willoughby.	35° 50.6' S 138° 08.2' E	Fl.(3)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	246 75	11	White round stone tower; 85.	Visible 171°-050°. Reserve light 19M.
8144 K 2012	-Point Ellen.	36° 00.0' S 137° 11.0' E	Fl.W.R. period 4s	40 12	W. 7 R. 3		R. 092°-135°, W. elsewhere.
8148 K 2010	-Cape du Couedic.	36° 04.0' S 136° 42.0' E	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	339 103	17	Round masonry tower, red dome, white lantern; 84.	

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AUSTRALIA-SOUTH COAST							
8152 K 2008	-Cape Borda.	35° 45.3' S 136° 35.7' E	Fl.(4)W. period 20s fl. 0.1s, ec. 2.4s fl. 0.1s, ec. 2.4s fl. 0.1s, ec. 2.4s fl. 0.1s, ec. 12.4s	510 155	21	Square white stone tower; 33.	Visible 039°-241°. Signal station.
8156 K 2093	-Emu Bay, jetty.	35° 35.0' S 137° 31.0' E	Fl.W.R. period 4s	26 8	8		W. 164°-247°, R.-164°.
8160 K 2094	-Point Marsden.	35° 34.0' S 137° 37.0' E	Fl.W. period 5s fl. 1s, ec. 4s	279 85	16	White hut; 17.	Visible 094°-348°.
8164 K 2096	-On edge of shoal E. of Beatrice Island.	35° 38.6' S 137° 41.5' E	Fl.W.R. period 4s	23 7	W. 8 R. 5	Octagonal steel pile.	W. 147°-339°, R.-005°, obscured elsewhere.
8168 K 2097	-Beacon, about 4.1 km 107°30' from Kingscote Jetty Light.	35° 40.2' S 137° 41.4' E	Fl.W.R. period 2s	13 4	W. 8 R. 6	Pile beacon.	W. 210°-110°, R.-210°.
8172 K 2098	-Kingscote Jetty, head.	35° 39.4' S 137° 38.7' E	Q.W.				
8184 K 2100	-Rolls Point.	35° 40.0' S 137° 38.0' E	Fl.W.R. period 1.5s	36 11	W. 9 R. 7		R. 226°-252°, W.-060°.
8188 K 2095	-Kingscote AVIATION LIGHT.	35° 42.4' S 137° 31.4' E	Fl.W. period 6s				Occasional.
8196 K 2104	-American River Approach. -Backstairs Passage:	35° 46.8' S 137° 48.3' E	Fl.W. period 4s		9	Red beacon, can topmark.	
8200 K 2106	--Hog Bay.	35° 43.2' S 137° 56.9' E	Fl.G. period 2s	39 12	6	Red iron column.	Visible 095°-275°.
8208 K 2110	--Cape St. Alban.	35° 48.2' S 138° 07.7' E	Fl.W. period 5s	156 48	14	White round masonry tower; 30.	Visible 118°-005° or until obscured by Cape Willoughby; obscured elsewhere.
8212 K 2114	South Page.	35° 46.7' S 138° 17.6' E	Fl.W. period 10s Iso.R. period 2s	89 27 85 26	19 10	Metal framework tower on white fiberglass hut; 7.	Visible 105°-120° over Yatala Shoal.
GULF ST. VINCENT:							
8216 K 2092	-Cape Jervis.	35° 36.0' S 138° 06.0' E	Fl.(4)W. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	75 23	18	White framework tower; 29.	Visible 000°-207°.
8220 K 2092.4	--Boat Harbor Jetty, head.	35° 37.0' S 138° 06.0' E	Fl.W.R. period 2s	18 5	5		R. 345°-029°, W.-065°, R.- 216°.
8223 K 2091.1	-Wirrina Cove Range, front.	35° 30.1' S 138° 14.4' E	F.R.		3	Beacon, triangular daymark, point up.	
8223.1 K 2091.13	--Rear, 50 meters 181°22' from front.	35° 30.1' S 138° 14.4' E	F.R.		3	Beacon, triangular daymark, point down.	
8226 K 2089.4	-O'Sullivan Beach Boat harbor, W. side.	35° 07.2' S 138° 27.9' E	Fl.W. period 4s		2		
8226.1 K 2089.5	--E. side.	35° 07.2' S 138° 27.9' E	Fl.R. period 4s		2		
PORT STANVAC:							
8228 K 2088	-Oil Jetty Range, front.	35° 06.5' S 138° 27.9' E	3 F.G.			Lights arranged in shape of triangle, point up.	

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AUSTRALIA-SOUTH COAST							
8232 K 2088.1	--Rear, 85 meters 201° from front.	35° 06.6' S 138° 27.8' E	3 F.W.			Lights arranged in shape of triangle, point down.	
8240 K 2088.4	-Oil jetty.	35° 06.4' S 138° 27.9' E	Dir.W.R.G.				
8241 K 2089	-Breakwater, head.	35° 06.6' S 138° 28.1' E	F.G.				
8244 K 2087	-Marino Rocks.	35° 03.2' S 138° 30.7' E	Fl.(2)W. period 15s fl. 0.2s, ec. 2.8s fl. 0.2s, ec. 11.8s	420 128	26	White concrete tower; 49.	
GLENELG:							
8248 K 2083.2	-S. end of breakwater ruins, off Glenelg.	34° 59.0' S 138° 30.0' E	Fl.W.R. period 4s		W. 8 R. 3		W. 270°-090°, R.-270°.
8252 K 2083	-N. end of breakwater ruins, off Glenelg.	34° 58.7' S 138° 30.3' E	Fl.W.R. period 2.5s		W. 8 R. 3		W. 090°-270°, R.-090°. 2 FR. on towers 10.2M E. and 7.5M S.
8256 K 2084	-Glenelg, S. breakwater.	34° 58.5' S 138° 30.6' E	Fl.G. period 2s	13 4	3	STARBOARD (A) G, beacon, topmark.	Radar reflector.
8260 K 2081	--AVIATION LIGHT.	34° 57.0' S 138° 32.0' E	Al.Fl.W.G. period 3.5s	50 15	27		
8264 K 2078	-Grange Point, intake.	34° 54.0' S 138° 29.0' E	Fl.W. period 6s	22 7	7	Beacon.	Marks seaward extremity of water intake structure.
8268 K 2056.4	North Haven, S. breakwater, head.	34° 47.8' S 138° 28.8' E	Fl.G. period 2s		5		Boat harbor.
8270 K 2056.6	-N. breakwater, head.	34° 47.8' S 138° 28.9' E	Fl.R. period 2s		5		
PORT ADELAIDE:							
8272 K 2055.01	-Entrance beacon.	34° 46.8' S 138° 22.5' E	Q.W.		10	PORT (A) R, beacon, topmark.	
8274 K 2055.2	--Channel beacon No. 7.	34° 47.5' S 138° 25.2' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark, point up.	
8276 K 2055.6	---No. 5.	34° 47.6' S 138° 26.6' E	Fl.G. period 4s			Beacon, orange triangular daymark, point up.	
	-No. 2 Outward Range, front.		F.Bu.			Same structure.	Ascending ripple light.
8280 K 2055.61	--Rear, 600 meters 257°38' from front.	34° 47.6' S 138° 26.3' E	Fl.W. period 4s			Beacon, triangular daymark, point down.	
			F.Bu.			Same structure.	Descending ripple light.
8284 K 2055.8	-No. 13.	34° 47.6' S 138° 26.9' E	Fl.G. period 2s			Beacon, orange triangular daymark, point up.	
	-No. 1 Inward Range 101°12'.		F.Bu.			Same structure.	Ascending ripple light.
8286 K 2055.82	---No. 15.	34° 47.5' S 138° 27.5' E	Fl.G. period 3s			Beacon, orange triangular daymark, point up.	
	-No. 3 Outward Range 240°24', front.		F.Bu.			Same structure.	
8288 K 2055.81	---No. 7.	34° 47.6' S 138° 27.2' E	Fl.W. period 2s			Beacon, orange triangular daymark, point down.	
	--No. 1 Inward and No. 3 Outward common rear.		F.Bu.			Same structure.	Descending ripple light.
8296 K 2056	-Channel beacon No. 2.	34° 47.6' S 138° 26.7' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	

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AUSTRALIA-SOUTH COAST							
8298 K 2056.2	-No. 4.	34° 47.4' S 138° 27.6' E	Fl.R. period 2s			PORT (A) R, beacon, topmark.	
8300 K 2057	-No. 2 Inward Range 077°38', front.	34° 47.3' S 138° 28.0' E	F.Bu.	23 7		Beacon, orange triangular daymark, point up.	Ascending ripple light.
	-Southern revetment mound.		Fl.W. period 3s	16 5		Same structure.	
8302 K 2059.4	---No. 17.	34° 47.1' S 138° 28.5' E	Fl.G. period 2s	16 5		Beacon, orange triangular daymark, point up.	Ascending ripple light.
	--Outward Range 209°59', front.		F.Bu.	16 5		Same structure.	
8304 K 2057.1	--No. 2 Inward and Outward common rear.	34° 47.3' S 138° 28.4' E	F.Bu.	49 15		Beacon, orange triangular daymark, point down.	Descending ripple light.
			F.Bu.	30 9		Same structure.	
8308 K 2058.5	-NW. Revetment Mound, head.	34° 47.0' S 138° 28.2' E	Q.R.				
8312 K 2058.3	-Channel beacon No. 6.	34° 47.1' S 138° 28.3' E	Fl.R. period 2s	20 6		PORT (A) R, beacon, topmark.	
8316 K 2058	-No. 3 Inward Range, front.	34° 46.9' S 138° 28.7' E	F.Bu.	30 9		Beacon, orange triangular daymark, point up.	F.W. by day.
8320 K 2058.1	--Rear, 256 meters 060°24' from front.	34° 46.9' S 138° 28.9' E	F.Bu.	36 11		Beacon, orange triangular daymark, point down.	F.W. by day.
8324 K 2059.6	-Channel beacon No. 8.	34° 46.2' S 138° 29.0' E	Fl.R.			PORT (A) R, beacon, topmark.	
8325 K 2059.61	--No. 8A.	34° 46.0' S 138° 29.0' E	V.Q.R.			PORT (A) R, beacon, topmark.	
8328 K 2059.7	--No. 8B.	34° 46.0' S 138° 29.1' E	Fl.R.			PORT (A) R, beacon, topmark.	
8332 K 2059	-No. 4 Inward Range, front.	34° 45.9' S 138° 29.3' E	F.Bu.	16 5		Beacon, orange triangular daymark, point up.	
8336 K 2059.1	--Rear, 655 meters 029°59' from front.	34° 45.6' S 138° 29.6' E	F.Bu.	26 8		Beacon, orange triangular daymark, point down.	
8337 K 2061.69	-Container Berth Range, front.	34° 46.1' S 138° 29.5' E	Fl.W.				
8337.1 K 2061.7	--Rear, 565 meters 050°39' from front, channel beacon No. 15.	34° 45.8' S 138° 29.6' E	Fl.G.			STARBOARD (A) G, beacon, topmark.	
8338 K 2059.8	-Channel beacon No. 10.	34° 46.0' S 138° 29.3' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	
8338.5 K 2061.4	--No. 12.	34° 45.9' S 138° 29.5' E	Fl.R.			PORT (A) R, beacon, topmark.	
8339 K 2061	--No. 13.	34° 46.0' S 138° 29.6' E	V.Q.G.			STARBOARD (A) G, beacon, topmark.	
8340 K 2052	--Barker Reach.	34° 47.0' S 138° 33.0' E	Fl.W. period 4s			Beacon, black diamond daymark, white bands.	
8341 K 2051.3	-Barker Inlet.	34° 45.2' S 138° 30.9' E	Fl.W.R. period 2s	28 9	6	Beacon.	R. 070°-106°, W.-335°, obsc.-070°.
8342 K 2051	-Point Grey, No. 1R.	34° 45.1' S 138° 31.1' E	V.Q.(6)+L.Fl.W. period 10s	30 9	6	S. CARDINAL YB, beacon, topmark.	
8344 K 2050	-About 7.3 km 165° from Port Gawler Wharf.	34° 44.0' S 138° 28.0' E	Q.W.	12 4	5	Beacon.	

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AUSTRALIA-SOUTH COAST							
8348.5 K 2048.5	-Long Spit.	34° 35.9' S 138° 05.5' E	Fl.(2)W. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	30 9	10	White fiberglass hut on white pile with platform.	Radar reflector.
8350 K 2045	-Port Wakefield Range, front.	34° 11.3' S 138° 08.7' E	F.G.				
8350.5 K 2045.1	--Rear, 45 meters 025° from front.	34° 11.3' S 138° 08.7' E	F.R.				
8351 K 2044.1	-Sandy Point.	34° 16.4' S 138° 09.8' E	Fl.Y. period 3s			SPECIAL Y, beacon, topmark.	Prohibited area marked by numerous lighted Special beacons close SSE.
8352 K 2044	-Bird Bank.	34° 17.0' S 138° 01.0' E	Fl.W. period 2.4s	11 3	8	Pile.	
8355 K 2041	Ardrossan.	34° 26.2' S 137° 55.8' E	Q.W.	16 5	5	Beacon.	
8356 K 2042	-Jetty, head.	34° 25.6' S 137° 55.6' E	F.W.	15 5	5	Iron column.	
8357 K 2039	-Loading Jetty Range, front.	34° 26.5' S 137° 54.8' E	F.R.				
8358 K 2039.1	--Rear, 650 meters 247°21' from front.	34° 26.6' S 137° 54.6' E	F.R.				
8359 K 2040	-Boat Ramp Range, front.	34° 26.0' S 137° 55.0' E	F.Bu.				
8360 K 2040.1	--Rear, 50 meters 292°04' from front.	34° 26.0' S 137° 55.0' E	F.Bu.				
PORT VINCENT:							
8368 K 2034	--Middle Spit.	34° 45.0' S 137° 54.0' E	Fl.W. period 2s	20 6	8	Square tower on piles.	
8370 K 2030	--Orontes Bank.	34° 45.5' S 138° 00.5' E	Fl.(4)W. period 16s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 8s	36 11	10	White hut on pile tripod; 36.	Radar reflector.
8372 K 2036	--Range, front.	34° 46.7' S 137° 51.7' E	F.Bu.	15 5	6	Pile.	
8376 K 2036.1	--Rear, 53 meters 206° from front.	34° 46.7' S 137° 51.7' E	F.Bu.	23 7		Wooden mast.	
8384 K 2028	--Breakwater, head.	34° 55.0' S 137° 48.0' E	Fl.R. period 2s		4		
8388 K 2025.4	-Giles Point, jetty.	35° 02.0' S 137° 46.0' E	Fl.W. period 3s	60 18	10		
8392 K 2025	--Off Giles Point.	35° 01.0' S 137° 52.0' E	Fl.W.R. period 4s	15 5	W. 10 R. 6		R. 122°-246°, W. elsewhere.
8396 K 2025.3	-Tapley Shoal, N. end.	35° 01.7' S 137° 55.5' E	Fl.(2)W. period 8s	36 11	9	White hut on pile structure; 33.	Radar reflector.
8400 K 2024	-Edithburgh jetty.	35° 05.0' S 137° 45.0' E	Fl.W.R. period 1.5s	24 7	9	Iron column.	R. 196°-224°, W.-337°, obscured elsewhere.
INVESTIGATOR STRAIT:							
8404.5 K 2023	-Marion Reef.	35° 09.3' S 137° 49.3' E	Fl.W. period 7.5s	39 12	10	White fiberglass hut on white pile with platform.	Radar reflector.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
8406 K 2020	-Troubridge Hill.	35° 10.0' S 137° 38.5' E	Fl.(3)W. period 15s	203	19	Red brick tower; 82.	Reserve light range 11M.
	-RACON		K(- • -)		21		
8408 K 2000	-Althorpe Islands Range, front.	35° 22.1' S 136° 51.5' E	Oc.W.R.G. period 14s	282	W. 12 R. 9 G. 9	White brick hut; 7.	R. 116°-154°, W.-160°, G.-189°, W.-296°.
8412 K 2000.1	--Rear, 390 meters 157° from front.	35° 22.2' S 136° 51.7' E	Fl.W. period 5s	351	19	White round stone tower; 65.	
SPENCER GULF:							
8416 K 2003	-Cape Spencer.	35° 17.8' S 136° 53.2' E	Fl.(3)W. period 15s	256	16	Square white tower; 11.	Visible 256°-122°.
			F.R.	256	11		Visible 065°-095°.
8420 K 2002	-West Cape.	35° 15.0' S 136° 50.0' E	Fl.(2)W. period 6s	220	12		Visible 333°-195°.
8424 K 2001	-Pondolowie Bay.	35° 14.0' S 136° 50.0' E	Fl.W.R. period 3s	60	5		R. 016°-067°, W.-151°, R.-227°.
8428 K 1870	-Wedge Island.	35° 10.6' S 136° 29.3' E	Fl.(2)W. period 15s	679	17	White lantern on square gray concrete tower; 16.	
8432 K 1996	-Corny Point.	34° 54.0' S 137° 01.0' E	Fl.(4)W.R. period 20s	98	W. 19 R. 15	White round stone tower; 51.	R. 029°-054°, W.-249°, obscured elsewhere.
8436 K 1995	-Souttar Point.	34° 53.0' S 137° 12.0' E	Fl.W.R. period 2s	20	W. 9 R. 3	Pile beacon.	W. 213°-033°, R.-213°.
8440 K 1994	-Port Turton.	34° 56.0' S 137° 21.3' E	Fl.W. period 4s	22	5	White wooden mast.	Visible 134°-250°.
8444 K 1986	-Wardang Island, summit.	34° 30.0' S 137° 20.6' E	Fl.(3)W.R. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	111	W. 10 R. 7	White hut; 13.	R. 211°-259°, W. elsewhere.
8445 K 1988	-Port Victoria.	34° 29.8' S 137° 28.7' E	Fl.W.R. period 2s	30	W. 9 R. 7		W. 036°-064°, R.-113°, W.-166°.
8448 K 1982	-Tiparra Reef, on S. side.	34° 03.9' S 137° 23.5' E	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	52	8	White house on piles, white lantern.	
8450 K 1980	-Warburto Point.	34° 00.3' S 137° 33.2' E	Fl.W. period 5s	105	18	White hut on red framework tower.	
			Iso.R. period 5s		10		Visible 058°-082°.
-Wallaroo Bay:							
8456 K 1974	--Channel Entrance Beacon.	33° 55.0' S 137° 33.0' E	Fl.W. period 2s		5		
8460 K 1978	--New jetty, head.	33° 56.0' S 137° 37.0' E	Q.G.	24	1	White iron tower.	
8464 K 1973	--Range, front.	33° 55.9' S 137° 36.9' E	F.Bu.	48	15	White triangular daymark, point up, black border; 49.	
8468 K 1973.1	---Rear, 305 meters 120°30' from front.	33° 55.9' S 137° 37.1' E	F.Bu.			White triangular daymark, point down, black border.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
8470 K 1930.3	-Middle Bank, S. edge.	33° 43.9' S 137° 29.8' E	Fl.(4)W. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	36 11	10	Metal structure, white lantern; 36.	
	-RACON		M(- -)		9		(3 & 10cm)
8471 K 1930.5	-Plank Shoal.	33° 30.0' S 137° 28.5' E	Fl.(2)W. period 8s fl. 1s, ec. 1.5s fl. 1s, ec. 4.5s	39 12	10	White hut on metal column; 39.	
8472 K 1930	-Middle Bank.	33° 37.0' S 137° 32.7' E	Fl.W. period 2.5s	36 11	10	White lantern on metal framework tower; 36.	
8476 K 1970	-Port Broughton.	33° 33.9' S 137° 52.4' E	Fl.W. period 5s	20 6	9	White openwork tower on piles, two white balls.	
8477 K 1971	-Fisherman Bay.	33° 32.0' S 137° 53.2' E	Q.G.			Green triangular daymark, point up, on beacon.	
8481 K 1931.1	-Yarraville Shoals.	33° 17.0' S 137° 35.0' E	Fl.(3)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	36 11	10	White fiberglass hut on white pile with platform, white rectangular daymark.	Radar reflector.
8482 K 1931.5	-Western Shoal.	33° 11.2' S 137° 32.0' E	Fl.W. period 5s	20 6	11	White hut on metal column.	
8484 K 1955	-Eastern Shoal, S. end.	33° 10.0' S 137° 43.6' E	Q.(6)+L.Fl.W. period 15s	16 5	5	S. CARDINAL YB, beacon, topmark.	
8488 K 1956	--N. end.	33° 04.5' S 137° 47.9' E	Q.W.	16 5	5	N. CARDINAL BY, beacon, topmark.	
8492 K 1957	-Ward Spit.	33° 03.0' S 137° 50.0' E	Fl.R. period 4s	21 6	5	3-pile beacon.	Radar reflector.
8493 K 1958	--S.	33° 02.8' S 137° 52.6' E	Fl.R. period 2s			PORT (A) R, beacon, topmark.	
8494 K 1961	--Beacon.	33° 02.5' S 137° 57.8' E	Q.R.			PORT (A) R, beacon, topmark.	
8495 K 1961.5	--Beacon.	33° 02.9' S 137° 58.2' E	Fl.R. period 2s			PORT (A) R, beacon, topmark.	
8496 K 1963	-Port Pirie.	33° 03.0' S 137° 58.0' E	Q.W.				
8500 K 1963.2	--No. 1.	33° 03.7' S 137° 58.1' E	Q.G.			STARBOARD (A) G, beacon, topmark.	
8504 K 1963.3	--No. 2.	33° 03.7' S 137° 58.2' E	Q.R.			PORT (A) R, beacon, topmark.	Channel is marked by R. and G. lighted beacons.
8508 K 1960	-Cockle Spit, N. edge.	33° 03.3' S 137° 56.2' E	V.Q.W.	16 5	8	N. CARDINAL BY, beacon, topmark.	Radar reflector.
8512 K 1962	--Germein, jetty, head.	33° 02.0' S 138° 00.0' E	Fl.W.R. period 4s	25 8	W. 10 R. 3	White iron tower.	R. 357°-073°, W.-085°. Obscured elsewhere.
8514 K 1963.15	-Mt. Ferguson.	33° 06.4' S 138° 01.6' E	F.Y.	144 44	8		
	-Port Augusta:						
8518 K 1950	--Approach Channel, No. 4.	32° 45.0' S 137° 48.9' E	Fl.W.R. period 3s	20 6	W. 7 R. 5	PORT (A) R, beacon, topmark.	W. 155°-351°, R.-155°.
8522 K 1952	---No. 9.	32° 39.0' S 137° 46.1' E	Fl.W.R. period 4s	20 6	W. 5 R. 4	STARBOARD (A) G, beacon, topmark.	W. 333°-184°, R.-333°.
8524 K 1948	-Point Lowly.	33° 00.1' S 137° 47.1' E	Fl.W. period 5s	75 23	26	White round stone tower; 82.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
8526 <i>K 1948.2</i>	--Breakwater.	32° 59.5' S 137° 47.0' E	Fl.R. period 5s		5	PORT (A) R, beacon, topmark.	
	-Whyalla:						
8532 <i>K 1936</i>	--Hummock Hill Range, front, about 256 meters northward of Whyalla Jetty Light.	33° 02.2' S 137° 36.0' E	F.R.	34 10		Beacon, triangular daymark, point up.	F.W. by day.
8536 <i>K 1936.1</i>	--Rear, 1,666 meters 251° from front.	33° 02.5' S 137° 34.9' E	F.R.	46 14		Tower, triangular daymark, point down.	F.W. by day.
8540 <i>K 1940</i>	--Range, front.	33° 01.0' S 137° 35.0' E	F.R. (neon)	79 24		Beacon, triangular daymark.	Neon triangle. F.W. shown by day. 2 F.R. mark S. side of basin.
8544 <i>K 1940.1</i>	---Rear, 510 meters 306°35' from front.	33° 00.6' S 137° 35.1' E	F.R. (neon)	183 56		Tower, black square daymark.	2 F.W. (vert.) shown by day.
8548 <i>K 1935.3</i>	--New Channel, No. 1.	33° 02.5' S 137° 37.6' E	F.Fl.W. period 4s			Pile beacon, green triangular topmark.	Channel marked by lighted beacons F.Fl.G. 4s, F.G. and F.Fl.R. 4s. Aero Radiobeacon 5.3 miles WSW.
8552 <i>K 1935</i>	--New Channel Range, No. 2, front.	33° 02.0' S 137° 36.0' E	F.Y. (neon)	36 11		Metal tripod, white triangular daymark.	Neon daymark. F.W. by day.
8556 <i>K 1935.1</i>	---Rear, 402 meters 280° from front.	33° 02.1' S 137° 35.6' E	F.Y. (neon)	65 20		Ore bin, white triangular daymark.	Neon triangle, point up. F.W. by day.
8557 <i>K 1945</i>	--Marina, S. breakwater, head.	33° 02.5' S 137° 35.6' E	Fl.R. period 2s	30 9	2		
8557.2 <i>K 1945.2</i>	---N. breakwater, head.	33° 02.5' S 137° 35.5' E	Fl.G. period 2s	30 9	2		
8560 <i>K 1929</i>	-Shoalwater Point.	33° 39.5' S 137° 12.8' E	Fl.W. period 5s fl. 0.1s, ec. 4.9s	56 17	15	White column and hut; 49.	Visible 209°-058°. Radar reflector.
8564 <i>K 1902</i>	-Germein Point, SE. of point.	33° 45.0' S 136° 59.0' E	Q.W.	13 4	12		
	-Franklin Harbor:						
8568 <i>K 1904</i>	--Entrance Range No. 1, front.	33° 43.9' S 136° 58.4' E	Fl.W. period 3s	29 9	5	Pile structure, white triangular daymark, point up, black border.	Visible 240°-092°.
8572 <i>K 1904.1</i>	---Rear No. 2, 980 meters 330° from front.	33° 43.4' S 136° 58.1' E	Fl.G. period 1.5s	40 12	4	Pile structure, white triangular daymark, point up.	Visible 240°-060°.
8576 <i>K 1908</i>	--Beacon No. 3, W. of Entrance Island Range, front.	33° 44.0' S 136° 57.0' E	Fl.R. period 2s	12 4		Framework tower on piles.	
8580 <i>K 1908.1</i>	---Rear, beacon No. 4, 180 meters 276°54' from front No. 3.	33° 43.8' S 136° 57.0' E	Q.W.	23 7		White framework tower on piles.	Visible 233°-323°.
8584 <i>K 1910</i>	--Beacon No. 5, opposite gap in entrance island, front.	33° 43.0' S 136° 57.0' E	Fl.G. period 2s	13 4		Red framework tower on piles.	
8588 <i>K 1910.1</i>	---Beacon No. 6, 640 meters 024° from front No. 5.	33° 42.6' S 136° 57.7' E	Q.W.	23 7		White framework tower on piles.	Visible 186°-006°.
8592 <i>K 1910.3</i>	--Beacon No. 8, at last bend, front.	33° 32.0' S 136° 57.0' E	Fl.G. period 2s	13 4		Red framework tower on piles.	
8596 <i>K 1909.9</i>	---Beacon No. 7, 183 meters from No. 5, rear.	33° 43.0' S 136° 58.0' E	Q.W.	23 7		White framework tower on piles.	
8600 <i>K 1914</i>	--Cowell Jetty No. 9 Range, front.	33° 41.3' S 136° 56.1' E	Fl.G. period 1.5s	26 8		Red iron column.	Harbor marked by lights and light beacons.
8604 <i>K 1892</i>	-Tumby Bay, jetty, head.	34° 22.7' S 136° 06.4' E	Q.W.R.	20 6	6	White wooden mast.	W. 251°-302°, R.-340°, partially obsc.-353°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
8608 <i>K 1890</i>	-Winceby Island, summit.	34° 29.4' S 136° 16.8' E	Fl.(2)W. period 8s	49 15	10	White skeleton steel tower; 27.	
8612 <i>K 1889</i>	-Bolingbroke Point.	34° 32.5' S 136° 05.4' E	Fl.(4)W.R. period 16s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 9.5s	63 19	W. 9 R. 7	White hut.	W. 211°-019°, R.-029° over Berlin Rock, W. 029°-112°30'.
8616 <i>K 1879</i>	-Point Boston.	34° 39.0' S 135° 56.2' E	Fl.W.R.G. period 2s	40 12	W. 15 R. 12 G. 12	Iron skeleton tower.	W. 040°-189°, R.-247°, W.-280°, G.-288°, W.-302°, R.-324°, W.-348°, R.-040°.
	-Boston Bay:						
8620 <i>K 1879.2</i>	--Entrance.	34° 40.0' S 135° 55.0' E	Fl.W.R. period 4s				W. 260°-269°, R.-260°.
8624 <i>K 1879.3</i>	--No. 1.	34° 40.0' S 135° 54.0' E	Q.W.G.				W. 259°-268°, G.-259°.
8624.5 <i>K 1879.4</i>	--No. 2.	34° 40.0' S 135° 54.0' E	Fl.R. period 2s				
8625 <i>K 1879.6</i>	--No. 4.	34° 41.0' S 135° 53.0' E	Fl.R. period 4s				
8625.5 <i>K 1879.7</i>	--No. 3.	34° 42.0' S 135° 53.0' E	Fl.G. period 2s				
8626 <i>K 1879.9</i>	--No. 6.	34° 41.9' S 135° 52.7' E	Fl.R. period 3s				
8632 <i>K 1884</i>	--Jetty, head.	34° 43.0' S 135° 52.0' E	Fl.(2)R. period 8s	49 15	2		R. lights on radio tower 2.3 miles NW.
8636 <i>K 1888</i>	--Kirton Point, jetty.	34° 43.1' S 135° 52.7' E	Q.W.R.	27 8	W. 6 R. 3	Dolphin.	W. 088°-268°, R. elsewhere.
8640 <i>K 1885</i>	--Range, front.	34° 43.0' S 135° 52.0' E	F.R. (neon)	31 9		Vertical neon strip, white triangular daymark, point up.	Range marks the approach to berth No. 5.
8644 <i>K 1885.1</i>	---Rear, about 46 meters 239°32' from front.	34° 43.0' S 135° 52.0' E	F.R. (neon)	36 11		Vertical neon strip, white triangular daymark, point down.	
8648 <i>K 1881</i>	--Channel Beacon.	34° 45.0' S 135° 55.0' E	Fl.R. period 3s	20 6	3	Beacon.	
8656 <i>K 1881.6</i>	-B.H.P. Jetty.	34° 45.0' S 135° 53.0' E	Fl.W.R. period 3s				R. 209°30'-243°, W.-289°, R.-360°, W.-055°, obsc.-209°30'.
	-Porter Bay:						
8657 <i>K 1882</i>	--Entrance beacon.	34° 44.6' S 135° 52.8' E	Fl.R. period 1.5s			4 PORT (A) R, beacon, topmark.	
8658 <i>K 1882.2</i>	--S. beacon.	34° 44.6' S 135° 52.6' E	Fl.R. period 4s			5 PORT (A) R, beacon, topmark.	
8658.1 <i>K 1882.3</i>	--N. breakwater.	34° 44.6' S 135° 52.6' E	Fl.G. period 4s			5 STARBOARD (A) G, beacon, topmark.	
8659 <i>K 1882.5</i>	--Marina Range, front.	34° 44.6' S 135° 52.3' E	F.Bu.			3	
8659.1 <i>K 1882.51</i>	---Rear, 141 meters 261° from front.	34° 44.6' S 135° 52.3' E	F.Bu.			3	
8660 <i>K 1880</i>	-Boston Island, Fanny Point, S. point of island.	34° 44.0' S 135° 56.0' E	Fl.W. period 1.5s	25 8	10	Iron skeleton tower.	
8664 <i>K 1878</i>	-Cape Donington.	34° 43.6' S 135° 59.6' E	Fl.(2)W. period 15s fl. 0.1s, ec. 4.9s fl. 0.1s, ec. 9.9s	102 31	18	Grey concrete tower; 56.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
8668 <i>K 1876</i>	-Dangerous Reef.	34° 49.0' S 136° 12.9' E	Fl.W. period 2.5s fl. 0.5s, ec. 2s	36 11	10	White round tower; 23.	
8672 <i>K 1874</i>	-Taylor Island.	34° 52.5' S 136° 00.6' E	Fl.(2)W.R.G. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	250 76	W. 11 R. 7 G. 7	White fiberglass tower; 29.	G. 159°-187°, W.-244°, R.-271°, G.-298°, W.-304°, R.-339°, G.-355°, W.-001°, R.-159°.
8676 <i>K 1873</i>	-Williams Island.	35° 01.9' S 135° 58.1' E	Fl.W. period 2.5s	171 52	9	White fiberglass tower; 20.	Visible 284°-250°.
8680 <i>K 1872.5</i>	-Thistle Island, Waterhouse Point.	35° 03.7' S 136° 12.0' E	Fl.W. period 7.5s	161 49	18	White fiberglass hut; 13.	
8684 <i>K 1878.5</i>	-Sibsey Island.	34° 40.0' S 136° 11.0' E	Fl.(3)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	85 26	10	White fiberglass hut; 6.	
8692 <i>K 1872</i>	-South Neptune Island.	35° 20.3' S 136° 07.1' E	Fl.(3)W. period 20s	141 43	17	Red round brick tower; 16.	
	-RACON		B(- • • •)				
8696 <i>K 1866</i>	Whidbey Islands.	34° 47.1' S 135° 02.0' E	Fl.W. period 5s	394 120	17	White fiberglass hut; 18.	
8700 <i>K 1861</i>	Point Sir Issac, NE. extremity.	34° 26.0' S 135° 12.0' E	Fl.W. period 2.4s	50 15	9		Visible 070°-295°.
8704 <i>K 1862</i>	-No. 1.	34° 29.8' S 135° 22.4' E	Fl.W. period 3s			Beacon, green triangular daymark.	Channel marked by lighted beacons.
WATERLOO BAY:							
8740 <i>K 1860</i>	-Port Elliston Range, front.	33° 38.4' S 134° 52.6' E	F.Bu.	18 5	2	Red tower, white triangular daymark.	Visible over an arc of 90°.
8744 <i>K 1860.1</i>	--Rear, 365 meters 031°45' from front.	33° 38.3' S 134° 52.7' E	F.Bu.	32 10	10	Red column, white triangular daymark.	Visible over an arc of 90°.
8748 <i>K 1858</i>	Flinders Island.	33° 40.9' S 134° 30.9' E	Fl.(2)W. period 10s	220 67	11	White round steel tower; 13.	
8752 <i>K 1856</i>	Pearson Islands.	33° 57.4' S 134° 15.7' E	Fl.(3)W. period 30s fl. 0.1s, ec. 5s fl. 0.1s, ec. 5s fl. 0.1s, ec. 19.7s	260 79	17	White fiberglass hut; 13.	Obscured 013°-023°, 175°-238°, 313°-322°, 350°-354°.
STREAKY BAY:							
8756 <i>K 1847</i>	-Cape Bauer.	32° 43.6' S 134° 04.3' E	Fl.(3)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	277 84	16	White hut; 13.	
8760 <i>K 1850</i>	-South Channel, S. side.	32° 41.0' S 134° 10.0' E	Fl.W.R. period 3s	30 9	10	Black iron pile structure.	W. 075°-305°, R.-075°.
8764 <i>K 1852</i>	-Point Gibson.	32° 45.0' S 134° 14.0' E	Fl.W.R. period 1.5s	17 5	6	Red iron framework tower on piles.	R. 126°-141°, W.-022°, R.-037°, obscured elsewhere.
8768 <i>K 1854</i>	-Blanche Port, end of Flinder's jetty.	32° 48.0' S 134° 13.0' E	Q.W.R.	25 8	10	White iron column.	W. 175°-201°, R.-216°.
8772 <i>K 1818</i>	St. Francis Island.	32° 30.6' S 133° 18.3' E	Fl.(4)W. period 20s fl. 0.1s, ec. 3.2s fl. 0.1s, ec. 3.2s fl. 0.1s, ec. 3.2s fl. 0.1s, ec. 10s	282 86	17	White fiberglass hut; 13.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
8776 K 1820	Evans Island.	32° 22.7' S 133° 28.7' E	Fl.W. period 5s	130 40	17	White hut; 9.	
8780 K 1842	Decres Bay, Saint Peter Island.	32° 13.0' S 133° 42.0' E	Fl.W. period 3s		5	Red beacon.	
DENIAL BAY:							
-Yatala Channel:							
8784 K 1822	--Entrance Beacon.	32° 12.0' S 133° 35.0' E	Fl.W.R.G. period 1.5s	25 8	W. 9 R. 2 G. 2	Black framework tower on pile structure.	W. 037°-046°, R.-226°, W.-248°, G.-037°.
8788 K 1824	--No. 1.	32° 11.3' S 133° 35.7' E	Fl.G. period 3s	23 7	8	STARBOARD (A) G, beacon, topmark.	Radar reflector.
8792 K 1824.5	--No. 2.	32° 11.3' S 133° 35.5' E	F.R.	23 7	4	PORT (A) R, beacon, topmark.	Radar reflector.
8796 K 1838	-Thevenard, jetty, head.	32° 09.0' S 133° 38.0' E	Q.W.	21 6	5	Red iron column.	Visible 020°-170°.
8800 K 1841	-Murat Bay, jetty head, W. side of bay.	32° 06.0' S 133° 36.0' E	Fl.W. period 4s	21 6	8	White iron column.	
8804 K 1840	--Jetty, head, E. side of bay.	32° 08.0' S 133° 40.0' E	Fl.R.G. period 3s	28 9	R. 5 G. 6	White iron column.	R. 050°-066°, G.-119°, obscured elsewhere.
8806 K 1841.5	-Cape Vivonne.	32° 12.0' S 133° 40.8' E	Fl.W. period 1.5s	46 14	8		Visible 136°-148°.
8808 K 1839	-Ceduna AVIATION LIGHT.	32° 08.0' S 133° 42.0' E	Fl.W. period 10s	120 37	26	Steel tower; 50.	Shown on request.
8809 K 1814	Bandy Creek Boat Harbor, E. breakwater.	33° 50.1' S 121° 56.0' E	Fl.(2)G. period 5s		4		
8810 K 1814.2	-W. breakwater.	33° 50.2' S 121° 56.0' E	Fl.(2)R. period 5s		4		
8811.5 K 1812	Tanker jetty.	33° 51.4' S 121° 54.5' E	Fl.W.R. period 3s	26 8	7		W. 300°-315°, R.-300°.
8812 K 1811	Esperance Range, front.	33° 52.3' S 121° 53.7' E	F.Bu.	42 13	5	White round tower, red triangular daymark, point up.	
8816 K 1811.1	-Rear, 210 meters 242°26' from front.	33° 52.4' S 121° 53.5' E	F.Bu.	56 17	5	White round tower, red triangular daymark, point down.	
8820.5 K 1810.05	-S. of breakwater.	33° 52.4' S 121° 54.5' E	Fl.R. period 5s		7		
8821 K 1810.2	--S. breakwater extension.	33° 52.1' S 121° 54.4' E	Fl.(2)R. period 6s	30 9	5		
8822 K 1811.3	-Beacon No. 1.	33° 51.9' S 121° 54.3' E	Q.(9)G. period 15s	23 7	5	STARBOARD (A) G, beacon, topmark.	
8822.05 K 1811.4	--No. 2.	33° 52.1' S 121° 54.4' E	Q.(9)R. period 15s	23 7	5	PORT (A) R, beacon, topmark.	
8822.1 K 1811.5	--No. 3.	33° 52.0' S 121° 54.1' E	Fl.G. period 3s	13 4	5	STARBOARD (A) G, beacon, topmark.	
8822.15 K 1811.55	--No. 4.	33° 52.1' S 121° 54.2' E	Fl.R. period 3s			PORT (A) R, beacon, topmark.	
8822.2 K 1811.6	--No. 5.	33° 52.1' S 121° 53.8' E	Fl.G. period 3s	16 5	5		
8824 K 1809	Cull Island.	33° 55.3' S 121° 54.3' E	Fl.W. period 2.5s	311 95	11	White fiberglass hut; 7.	
8828 K 1808	Figure of Eight Island.	34° 02.1' S 121° 36.2' E	Fl.W. period 5s	371 113	16	White hut; 13.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-SOUTH COAST							
8828.5 <i>K 1806.5</i>	Mary Ann Haven.	33° 56.1' S 120° 08.2' E	Fl.W. period 2s Dir.F.W.R.G.		8	Beacon.	
				183 56	W. 6 R. 4 G. 4		G. 337°30'-339°30', W.-340°30', R.-342°30'.
8829 <i>K 1807</i>	-Breakwater.	33° 57.3' S 120° 07.5' E	Fl.G. period 3s	18 5	3	Post.	
8829.5 <i>K 1807.5</i>	-Range, front.	33° 57.1' S 120° 07.3' E	Iso.Bu. period 4s	10 3	6	Beacon, orange triangular daymark, point up; 10.	
8829.6 <i>K 1807.6</i>	--Rear, 1627 meters 308° from front.	33° 56.5' S 120° 06.5' E	Iso.Bu. period 8s	39 12	6	White pole, orange triangular daymark, point down; 39.	
8830 <i>K 1806</i>	Bremer Bay.	34° 25.4' S 119° 24.4' E	Fl.R. period 3s	26 8	4		
8832 <i>K 1800</i>	Breaksea Island, 1,200 yards within its E. extremity.	35° 04.0' S 118° 03.0' E	Fl.(2)W. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	390 119	13	Round stone tower, gray dwelling attached; 51.	Visible 248°-035° and 040°30'-044°.
8836 <i>K 1801.095</i>	Emu Point.	35° 00.0' S 117° 56.8' E	Iso.W.R.G. period 2s	33 10	11		G. 338°00'-340°30', W.- 344°30', R.-347°00'.
8838 <i>K 1801.08</i>	Skippy.	35° 00.2' S 117° 56.8' E	V.Q.(9)W. period 10s	20 6	4	W. CARDINAL YBY, beacon, topmark.	
PRINCESS ROYAL HARBOR:							
8840 <i>K 1802</i>	-King Point, N. side of entrance.	35° 02.2' S 117° 55.0' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	138 42	9	White framework tower; 30.	
8844 <i>K 1802.5</i>	Princess Royal Harbor Entrance Range, front.	35° 03.1' S 117° 52.2' E	F.Bu.	43 13		Orange rectangular daymark.	Channel marked by beacons.
8848 <i>K 1802.51</i>	-Rear, 2000 meters 252° from front.	35° 03.5' S 117° 51.0' E	F.Bu.	89 27		Orange rectangular daymark.	
8853 <i>K 1804.9</i>	-Turning Basin Range, front.	35° 02.7' S 117° 54.4' E	Iso.W. period 2s		5	Red triangular daymark, point up.	
8854 <i>K 1804.91</i>	--Rear, 325 meters 117°18' from front.	35° 02.8' S 117° 54.6' E	Iso.W. period 8s		4	Red triangular daymark, point down.	
8856 <i>K 1796</i>	AVIATION LIGHT.	34° 57.0' S 117° 48.0' E	Al.FI.W.G. period 7.4s W. fl. 0.2s, ec. 3.5s G. fl. 0.2s, ec. 3.5s	280 85	W. 28 G. 24		Occasional.
8860 <i>K 1798</i>	Eclipse Island.	35° 10.9' S 117° 53.2' E	Fl.(3)W. period 12s	384 117	15	Round concrete tower; 39.	
8868 <i>K 1795</i>	Point D'Entrecasteaux.	34° 50.4' S 116° 00.1' E	Fl.(4)W. period 30s	360 110	17	White square tower; 10.	
8872 <i>K 1794</i>	Cape Leeuwin.	34° 22.6' S 115° 08.1' E	Fl.W. period 7.5s	185 56	26	Gray round stone tower; 128.	Visible 261°-141°.

Section 9

West and North Coasts of Australia

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-WEST COAST							
8876 <i>K 1792</i>	Foul Bay South End.	34° 15.0' S 115° 02.0' E	Fl.(3)W. period 15s	303 92	17	White square tower; 20.	
8880 <i>K 1790</i>	Cape Naturaliste.	33° 32.4' S 115° 01.0' E	Fl.(2)W. period 10s fl. 0.1s, ec. 2.4s fl. 0.1s, ec. 7.4s	404 123	25	Gray stone tower; 62.	Visible 015°-292°. F.R. lights on radio mast 12.7 miles ESE.
8884 <i>K 1788</i>	Busselton jetty, head.	33° 37.8' S 115° 20.2' E	Fl.W. period 3s	26 8	2		
8886 <i>K 1787.8</i>	-E.	33° 37.8' S 115° 23.2' E	Fl.(2)G. period 5s				
KOOMBANA BAY:							
8888 <i>K 1782</i>	-Casuarina Point.	33° 19.0' S 115° 38.0' E	Fl.(3)W. period 15s fl. 0.3s, ec. 2.1s fl. 0.3s, ec. 2.1s fl. 0.3s, ec. 9.9s	142 43	19	Black and white checkered round tower; 49.	
8892 <i>K 1784</i>	-Bunbury, McKenna Point.	33° 18.1' S 115° 38.7' E	Fl.W.R. period 3s	46 14	W. 10 R. 7	Black metal tower, white bands and lantern; 33.	R. 020°-055°, W.-020°.
8896 <i>K 1784.5</i>	--Anchorage Range, front.	33° 15.9' S 115° 40.9' E	Q.W.		5		
8900 <i>K 1784.51</i>	--Rear, 240 meters 089°26' from front.	33° 15.9' S 115° 41.1' E	Iso.W. period 4s		5		
8908 <i>K 1785.1</i>	-Bunbury Harbor, power station.	33° 19.1' S 115° 39.7' E	Dir.F.W.R.G.	66 20	8	White round tower, orange rectangular daymark; 17.	G. 155.5°-157°, W. -157.5°, R. -159°.
			F.Bu.		6		Neon by day.
8912 <i>K 1786.3</i>	-Harbor Channel Range, front.	33° 19.2' S 115° 39.1' E	F.Bu.			Red triangular daymark, point up.	Channel marked by beacons.
8916 <i>K 1786.31</i>	--Rear, about 231 meters 180° from front.	33° 19.3' S 115° 39.1' E	F.Bu.			Red triangular daymark, point down.	
8918 <i>K 1787.08</i>	--Beacon.	33° 18.3' S 115° 38.8' E	Q.(3)W. period 10s	13 4	3	E. CARDINAL BYB, beacon, topmark.	
8919 <i>K 1787.12</i>	--Disused jetty, head.	33° 18.4' S 115° 38.8' E	Q.R.				
8920 <i>K 1786.5</i>	-Range, front.	33° 19.5' S 115° 39.8' E	F.R.			Red triangular daymark, point up.	
8924 <i>K 1786.51</i>	--Rear, about 100 meters 135° from front.	33° 19.5' S 115° 39.9' E	F.R.			Red triangular daymark, point down.	
8925.5 <i>K 1781.8</i>	White Hill.	32° 41.3' S 115° 36.8' E	Fl.(2)W. period 15s	167 51	15		Visible 355°-195°.
8925.7 <i>K 1781.77</i>	Dawesville, entrance.	32° 36.1' S 115° 37.6' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	
8926 <i>K 1781.6</i>	Robert Point.	32° 31.7' S 115° 41.9' E	Fl.W. period 2s	174 53	15		Visible 035°-185°.
8926.2 <i>K 1781.47</i>	-James Service Reef.	32° 27.8' S 115° 39.3' E	Q.(6)+L.Fl.W. period 15s		4	S. CARDINAL YB, beacon, topmark.	
8926.3 <i>K 1781.5</i>	-N.	32° 30.7' S 115° 42.2' E	Q.W.		4	N. CARDINAL BY, beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-WEST COAST							
8926.5 <i>K 1781.7</i>	Peel Inlet.	32° 31.3' S 115° 42.5' E	Fl.G. period 3s	23 7	3		
8926.7 <i>K 1781.53</i>	Bight Reef.	32° 29.6' S 115° 43.8' E	Q.(9)W. period 15s		4	W. CARDINAL YBY, beacon, topmark.	
WARNBRO SOUND:							
8928 <i>K 1781.4</i>	-Range, front.	32° 20.5' S 115° 42.2' E	Q.W.	29 9	7	Round tower, triangular daymark, point up.	Fishing light.
8932 <i>K 1781.41</i>	--Rear, 55 meters 123°08' from front.	32° 20.5' S 115° 42.3' E	Iso.W. period 4s	39 12	7	Round tower, triangular daymark, point down.	Fishing light.
8936 <i>K 1781</i>	-Entrance beacon.	32° 20.0' S 115° 42.0' E	Fl.R.G. period 3s	30 9	R. 2 G. 1	Round tower, red square daymark.	R. 014°-194°, G. elsewhere. Fishing light.
8939 <i>K 1780.9</i>	Garden Island.	32° 12.9' S 115° 40.4' E	Fl.(3)W. period 12s	161 49	15		
COCKBURN SOUND:							
8944 <i>K 1780.73</i>	-Submarine Wharf.	32° 13.8' S 115° 41.8' E	Q.W.	23 7	2		
8945 <i>K 1780.75</i>	-W. side.	32° 13.8' S 115° 41.6' E	F.G.			On dolphin.	Fl.G. 3s 580 meters W.
8948 <i>K 1780.7</i>	-Colpoys Point.	32° 13.5' S 115° 41.9' E	Fl.G. period 5s	36 11	11		
8950 <i>K 1780.75</i>	-Pier, head.	32° 13.8' S 115° 41.5' E	F.G.				
8952 <i>K 1780.76</i>	-Small boat harbor breakwater, head.	32° 13.9' S 115° 41.3' E	Q.R.	16 5	2		
8954 <i>K 1780.8</i>	-Sulphur Bay Wharf, head.	32° 10.6' S 115° 40.8' E	Q.Y.				
8956 <i>K 1780.78</i>	-Careening Bay S.	32° 14.4' S 115° 42.0' E	Q.W.			N. CARDINAL BY, beacon, topmark.	
8957 <i>K 1779.6</i>	-John Ledge.	32° 15.3' S 115° 41.1' E	Q.W.			N. CARDINAL BY, beacon, topmark.	
8957.2	-Collie Ledge.	32° 14.9' S 115° 41.7' E	Fl.R. period 3s			PORT (A) R, beacon, topmark.	
8957.7 <i>K 1780.77</i>	-Minstrel Channel, E. end.	32° 14.4' S 115° 42.6' E	Q.W.		3	N. CARDINAL BY, beacon, topmark.	
8958 <i>K 1779.4</i>	-Southern Flats.	32° 15.2' S 115° 43.4' E	Q.(3)W. period 10s	16 5	9	E. CARDINAL BYB, beacon, topmark.	
8960 <i>K 1778.6</i>	-Bulk cargo berth, at N. head of pier.	32° 14.0' S 115° 45.0' E	F.R.	16 5	1		
8964 <i>K 1778.64</i>	--S. head.	32° 15.0' S 115° 45.0' E	F.R.	20 6	1		
8968 <i>K 1778</i>	-Kwinana Refinery Range, front.	32° 13.8' S 115° 45.2' E	F.Bu.	27 8	2	Column.	Visible 118°-148°.
8972 <i>K 1778.1</i>	--Rear, 690 meters 133° from front.	32° 14.0' S 115° 45.6' E	F.Bu.	36 11	3	Gray steel framework tower.	Visible 118°-148°.
8973 <i>K 1778.3</i>	--Water intake.	32° 13.6' S 115° 45.3' E	2 F.W.				
8974 <i>K 1778.2</i>	-James Point.	32° 13.3' S 115° 44.9' E	Q.(9)W. period 15s			W. CARDINAL YBY, beacon, topmark.	
8976 <i>K 1777</i>	-Stirling Channel Range, front.	32° 12.5' S 115° 46.0' E	F.Bu.	96 29	9	Tower; 92.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-WEST COAST							
8980 K 1777.05	--Rear, 105°42' from front.	32° 12.6' S 115° 46.2' E	F.Bu.	112 34	6		
8982 K 1777.15	--105°42'.	32° 12.6' S 115° 46.1' E	Dir.F.W.R.G.	39 12			
			Fl.R.G.	39 12			
8984 K 1777.2	--Channel beacon A.	32° 12.2' S 115° 44.7' E	Q.R.			PORT (A) R, beacon, topmark.	Channel marked by synchronized beacons and buoys.
8985 K 1777.22	--Channel beacon 1.	32° 12.3' S 115° 44.7' E	Q.G.		3	STARBOARD (A) G, beacon, topmark.	
8986 K 1777.5	-Calista Channel Range, front.	32° 10.4' S 115° 46.4' E	F.R.	66 20	11	Round tower; 26.	Visible 005°-035°. Channel marked by synchronized beacons and buoys.
8986.1 K 1777.51	--Rear, 490 meters 020°30' from front.	32° 10.1' S 115° 46.5' E	F.R.	121 37	11	Round tower; 23.	Visible 005°-035°.
8988 K 1777.4	-N. jetty, head.	32° 12.5' S 115° 45.9' E	F.G.				
8989 K 1777.45	-S. jetty, head.	32° 12.7' S 115° 45.6' E	F.G.				
8992 K 1777.82	-N. Intake pipeline.	32° 12.0' S 115° 46.0' E	2 Fl.R. (horiz.) period 3s		2		
8996 K 1777.84	-S. Intake pipeline.	32° 12.0' S 115° 46.2' E	2 Fl.R. (horiz.) period 3s		2		
9000 K 1777.86	-Alumina Works Jetty, head.	32° 11.0' S 115° 46.0' E	F.G.	30 9	2		
9000.5 K 1775.8	-Jervoise Bank.	32° 08.9' S 115° 45.0' E	Q.W.			N. CARDINAL BY, beacon, topmark.	
9000.7	-Jervoise Bay, W. breakwater.	32° 08.7' S 115° 45.5' E	Fl.R. period 3s	26 8			
9001 K 1776	--E. breakwater.	32° 08.8' S 115° 45.6' E	Fl.G. period 3s	30 9	1		
9002 K 1776.3	--Inner breakwater.	32° 08.4' S 115° 45.8' E	Fl.R. period 3s	26 8	3		Obscured 035°-135°.
9002.9 K 1776.35	--AMS breakwater.	32° 09.3' S 115° 45.5' E	Fl.R. period 3s				
9003 K 1776.4	--Shiplifter, N. jetty.	32° 09.2' S 115° 45.8' E	V.Q.R.		1		
9003.1 K 1776.42	---S. jetty.	32° 09.3' S 115° 45.9' E	V.Q.G.		1		
9004 K 1774	-Woodman Point.	32° 07.9' S 115° 46.1' E	Oc.W.R.G. period 30s lt. 27s, ec. 3s	123 37	22	Gray round stone tower; 42.	G. 012°-074°, R. 132°-145°, W.-150°, G.-160°.
			Dir.F.W.R.G.		4		G. 046°30'-051°05', W.- 051°55', R.-056°30'.
9006 K 1775.9	-Jervoise and Medina Channels.	32° 08.1' S 115° 44.8' E	Dir.F.W.R.G.	43 13			R. 340°36'-342°06', W.- 343°06', G.-344°36'. Channels marked by Fl.R. 2s and Fl.G. 2s beacons.
9008 K 1771	-Success and Parmelia Bank Channels Range, front.	32° 08.7' S 115° 42.4' E	F.R.G.	40 12	11	White round steel tower, orange band; 40.	R. 159°-179°, G. 339°-359°. Channels marked by Q.R. and Q.G. buoys and by Fl.R. 2s and Fl.G. 2s beacons.
			F.W.	12 4	3		Rear light for reciprocal range 349°10'.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-WEST COAST							
9012 K 1771.1	--Rear, 0.5 mile 169°10' from front.	32° 09.2' S 115° 42.5' E	F.R.	70 21	11	White round steel tower, orange band; 70.	R. 159°-179°, G. 339°-359°. Front light for reciprocal range 349°10'.
			F.G.	22 7			
			F.W.	12 4	3		
9021 K 1773.5	Challenger Passage Range, front.	32° 08.7' S 115° 40.0' E	Q.R.	20 6	3	Pile.	R. 019°35'-199°35'.
			Q.G.			Same structure.	G. 199°35'-019°35'. Rear light for reciprocal range.
9022 K 1773.51	--Rear, 400 meters 109°35' from front.	32° 08.7' S 115° 40.2' E	Iso.R. period 4s	30 9	3	Pile.	R. 019°35'-199°35'.
			Iso.G. period 4s			Same structure.	G. 199°35'-019°35'. Front light for reciprocal range 289°35'.
SUCCESS BANKS:							
9024 K 1760	-Rottnest Island.	32° 00.5' S 115° 30.1' E	Fl.W. period 7.5s fl. 0.2s, ec. 7.3s	262 80	26	White masonry tower and lantern, gold cupola; 125.	
9026 K 1760.5	-Cape Vlaming.	32° 01.4' S 115° 27.0' E	Fl.(2)W. period 5s	89 27	9	Metal mast on bunker; 19.	
9028 K 1761.5	-Duck Rock.	31° 59.3' S 115° 32.5' E	Q.W.	16 5	4	N. CARDINAL BY, beacon, topmark.	
9036 K 1761	-Kingston Reefs, front.	32° 00.0' S 115° 33.0' E	Fl.W. period 3s	8 2	3	Steel frame beacon, black triangular topmark.	
9036.1 K 1761.1	--Bathurst Point, rear, 1720 meters 287°30' from front.	31° 59.4' S 115° 32.5' E	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	98 30	14	White tower, gold cupola; 66.	Visible 108°-297°.
9040 K 1762.4	Phillip Rock.	32° 00.0' S 115° 33.7' E	Fl.R. period 6s	26 8	7	Red beacon.	
9044 K 1762.8	Buckland Hill.	32° 01.1' S 115° 45.6' E	Dir.F.W.R.G.	216 66	18	White house; 33.	G. 122°42.5'-123°57.5', Al.W.G.-124°42.5', W.- 125°42.5', Al.W.R.- 126°27.5', R.- 127°42.5'.
FREMANTLE:							
9048 K 1763	-South Channel Range, front.	32° 01.3' S 115° 37.1' E	Iso.W.R. period 2s	23 7	W. 10 R. 8	White structure, orange bands.	R. 066°06'-086°06', W.- 066°06'.
			F.W.	10 3	2		Visible 086°06'-066°06'.
9052 K 1763.1	--Rear, 930 meters 076°06' from front.	32° 01.2' S 115° 37.7' E	Iso.W.R. period 8s	33 10	W. 10 R. 8	White structure, orange bands.	R. 066°06'-086°06', W.- 066°06'.
			F.W.	10 3	2		Visible 086°06'-066°06'.
9056	-Fairway Landfall Buoy.	31° 57.3' S 115° 38.8' E	L.Fl.W. period 10s			SAFE WATER RW, pillar.	
	-RACON		V(•••-)		10		(3 & 10cm)
9060 K 1759	-AVIATION LIGHT, near Guilford.	31° 56.0' S 115° 58.0' E	Al.Fl.W.G. period 10s	91 28			

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-WEST COAST							
9062 K 1765.3	-Hall Bank.	32° 01.9' S 115° 42.6' E	Fl.R. period 4s	23 7	4		
9063 K 1767.6	-Inner Harbor Entrance Range, front.	32° 03.3' S 115° 44.4' E	F.Bu.	75 23		Mast, orange daymark.	Visible 352°48'-172°48'.
9063.1 K 1767.61	--Rear, 180 meters 082°48' from front.	32° 03.2' S 115° 44.6' E	F.Bu.	98 30		Mast, orange daymark.	Visible 352°48'-172°48'.
9064 K 1765	-S. mole, head.	32° 03.3' S 115° 43.9' E	V.Q.G.	49 15	6	Green round iron tower, white dome; 30.	
9076 K 1764	-N. mole, head.	32° 03.2' S 115° 43.5' E	V.Q.R.	49 15	6	Red round iron tower, white dome; 30.	Radar reflector.
9078 K 1766	-Entrance channel, beacon B.	32° 03.3' S 115° 43.5' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	
9078.2 K 1766.2	--Beacon 2.	32° 03.4' S 115° 43.5' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	
9078.3 K 1766.31	--Rous Head Harbor.	32° 03.2' S 115° 43.6' E	F.R.				
9078.31 K 1766.32	---East.	32° 03.2' S 115° 43.7' E	F.G.				
9078.4 K 1766.4	--Beacon C.	32° 03.2' S 115° 44.0' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	
9078.6 K 1766.5	--Beacon 3.	32° 03.3' S 115° 44.0' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	
9082 K 1767.1	-S. mole Range, front.	32° 03.3' S 115° 44.3' E	F.Bu.			Beacon, triangular daymark, point up.	
9083 K 1767.115	--Rear, 160 meters 220°18' from front.	32° 03.4' S 115° 44.2' E	F.Bu.			Beacon, triangular daymark, point down.	
9085 K 1767.4	-North Quay.	32° 03.2' S 115° 44.1' E	F.R. (neon)				
	-Inner Harbor:						
9087 K 1767.8	--North Quay Range No. 1, front.	32° 02.6' S 115° 44.5' E	F.Bu.	79 24		Mast, orange daymark.	Visible 251°24'-071°24'. Marks when vessel is 270 meters from E. limit of dredged area.
9087.1 K 1767.81	---Rear, 50 meters 341°24' from front.	32° 02.5' S 115° 44.6' E	F.Bu.	82 25		Mast, orange daymark.	Visible 251°24'-071°24'.
9088 K 1768.3	--Victoria Quay Range, front.	32° 03.0' S 115° 44.7' E	F.Bu.	75 23		Mast, orange daymark.	Visible 069°-249°. Marks when vessel is 270 meters from E. limit of dredged area.
9088.1 K 1768.31	---Rear, 30 meters 159°01' from front.	32° 03.0' S 115° 44.8' E	F.Bu.	79 24		Mast, orange daymark.	Visible 069°-249°.
9089 K 1767.9	--North Quay Range No. 2, front.	32° 02.6' S 115° 44.6' E	F.Bu.	75 23		Mast, orange daymark.	Visible 249°12'-069°12'. Marks when vessel is 90 meters from E. limit of dredged area.
9089.1 K 1767.91	---Rear, 50 meters 339°13' from front.	32° 02.5' S 115° 44.7' E	F.Bu.	82 25		Mast, orange daymark.	Visible 249°12'-069°12'.
9090 K 1768	--North Quay Range No. 3, front.	32° 02.5' S 115° 44.8' E	F.Bu.	79 24		Mast, orange daymark.	Visible 292°-112°. Marks when vessel is 70 meters from NE. limit of dredged area.
9090.1 K 1768.1	---Rear, 80 meters 022°03' from front.	32° 02.4' S 115° 44.9' E	F.Bu.	75 23		Mast, orange daymark.	Visible 292°-112°.
9090.5 K 1768.5	--Range, front.	32° 02.5' S 115° 45.1' E	F.G.			Red daymark, white diagonal stripes.	Marks N. side of Wongara Shoal.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-WEST COAST							
9090.51 K 1768.51	--Rear, 16 meters from front.	32° 02.4' S 115° 45.2' E	F.G.			Red daymark, white diagonal stripes.	
9090.7 K 1768.6	--Range, front.	32° 02.6' S 115° 45.1' E	F.G.			Red daymark, white diagonal stripes.	Marks W. side of Wongara Shoal.
9090.71 K 1768.61	---Rear, 10 meters from front.	32° 02.5' S 115° 45.2' E	F.G.			Red daymark, white diagonal stripes.	
9092 K 1771.8	-Owen Anchorage.	32° 05.7' S 115° 45.7' E	F.Bu.				
9096 K 1770	-Fishing Boat Harbor, entrance.	32° 04.0' S 115° 44.0' E	V.Q.(6)+L.FI.W. period 10s	10 3		S. CARDINAL YB, beacon, topmark.	
9100 K 1770.15	--Breakwater.	32° 03.8' S 115° 44.4' E	Q.R.			Pile.	
9101 K 1770.2	-Success Harbor, outer.	32° 03.9' S 115° 44.4' E	Q.(4)Y. period 6s	16 5	3	SPECIAL Y, beacon, topmark.	
9101.1 K 1770.22	--Inner.	32° 03.9' S 115° 44.5' E	FI.Y. period 2s fl. 0.3s, ec. 1.7s	16 5	3	SPECIAL Y, beacon, topmark.	
9102 K 1770.3	-Success Yacht Harbor, S. breakwater.	32° 03.9' S 115° 44.6' E	FI.G. period 5s	13 4	3	STARBOARD (A) G, beacon.	
9102.1 K 1770.4	-Beagle Rocks.	32° 03.7' S 115° 43.5' E	FI.(2)W. period 6s			ISOLATED DANGER BRB, beacon, topmark.	
9102.2 K 1771.75	Fish Rocks.	32° 05.0' S 115° 43.9' E	Q.W.		3	N. CARDINAL BY, beacon, topmark.	
9102.5 K 1758.7	Centaur Reef.	31° 52.8' S 115° 42.9' E	Q.(6)+L.FI.W. period 15s		7	S. CARDINAL YB, beacon, topmark.	
9102.7 K 1758.3	Hillarys Boat Harbor.	31° 49.5' S 115° 43.9' E	FI.(2)W. period 6s	79 24	12		Visible 344°-159°.
9102.9 K 1757.9	North Lumps.	31° 47.2' S 115° 42.8' E	Q.W.		3	N. CARDINAL BY, beacon, topmark.	
9103 K 1757.8	Ocean Reef Boat Harbor, common rear.	31° 45.7' S 115° 43.8' E	F.Bu.	78 24	5	White rectangular daymark, red band.	
9103.1 K 1757.79	-Range front, 310 meters from common rear.	31° 45.7' S 115° 43.8' E	Q.W.	42 13	10		Forms range 100° with common rear. Visible 080°-120°.
9103.2 K 1757.81	-Range front, 340 meters from common rear.	31° 45.6' S 115° 43.9' E	Iso.W. period 2s	42 13	10		Forms range 042°30' with common rear. Visible 022°30'-062°30'.
9103.5 K 1757.7	Mindarie Keys Marina Range, front.	31° 41.1' S 115° 42.1' E	F.Bu.	138 42	7	White beacon; 3.	Marina breakwaters marked by FI.(2)R. and FI.(2)G. lights. Visible 037°01'-055°01'.
9103.6 K 1757.71	-Rear, 046°01' from front.	31° 41.1' S 115° 42.1' E	F.Bu.	194 59	7	White beacon; 3.	Visible 037°01'-055°01'.
9103.8 K 1757.66	Two Rocks Approaches.	31° 31.4' S 115° 33.8' E	Q.(6)+L.FI.W. period 15s		5	S. CARDINAL YB, beacon, topmark.	
9103.9 K 1757.65	-N.	31° 30.4' S 115° 33.7' E	V.Q.W.		5	N. CARDINAL BY, beacon, topmark.	
9104 K 1757.6	Wreck Point, Range, front.	31° 29.4' S 115° 34.8' E	F.Bu.	89 27	6	White tower; 26.	
9108 K 1757.61	-Rear, 1,120 meters from front.	31° 29.6' S 115° 35.1' E	Iso.W. period 4s	171 52	10	White tower; 39.	
9109 K 1757.63	-Two Rocks Marina, breakwater.	31° 29.8' S 115° 34.6' E	FI.G. period 4s		3	Green post.	
9112 K 1757.5	Guilderton.	31° 20.4' S 115° 29.4' E	FI.(3)W. period 20s	243 74	22	Red brick tower; 98.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-WEST COAST							
9114 K 1757.3	Seabird Range, front.	31° 17.8' S 115° 27.4' E	Iso.W. period 2s	121 37	7	Orange stripe on metal column.	
9114.5 K 1757.31	-Rear, 1390 meters 034°54' from front.	31° 17.2' S 115° 27.8' E	Iso.W. period 8s	177 54	7	Orange stripe on metal column.	
9116 K 1757.2	Ledge Point Range, front.	31° 07.0' S 115° 23.0' E	Q.W.	56 17	9		
9120 K 1757.21	-Rear, 059°30' from front.	31° 06.9' S 115° 22.6' E	Iso.W. period 4s	73 22	9		
9124 K 1757	Lancelin Islet Anchorage Range, front.	31° 00.0' S 115° 19.0' E	Iso.W. period 2s	44 13	10	Beacon, triangular daymark, point up.	
9128 K 1757.1	-Rear, 75 meters 075°30' from front.	30° 59.5' S 115° 19.5' E	Iso.W. period 4s	56 17	11	Beacon, triangular daymark, point down.	
9132 K 1756.6	Cervantes Island, Range front.	30° 28.7' S 115° 04.1' E	Oc.W. period 3.5s lt. 2.5s, ec. 1s	29 9	7	Orange triangular daymark.	
9136 K 1756.61	-Rear, 352 meters 067°01' from front.	30° 28.6' S 115° 04.4' E	Fl.W. period 2s fl. 0.5s, ec. 1.5s	59 18	10	Orange square daymark; 36.	
9137 K 1756.7	-Channel beacon.	30° 29.0' S 115° 03.4' E	Fl.(2)G. period 5s		3	STARBOARD (A) G, beacon.	
9140 K 1756	Escape Island, near center.	30° 20.2' S 114° 59.1' E	Fl.(3)W. period 15s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 10s	98 30	10	Stainless steel lattice tower; 79.	
9141 K 1756.2	Harper Reef.	30° 18.0' S 115° 00.2' E	Fl.R. period 3s		4		
9142 K 1756.25	Boiler Reef.	30° 18.1' S 114° 59.6' E	Fl.(2)W.G. period 5s		W. 6 G. 4		W. 030°-048°, G.-280°.
9144 K 1756.4	Jurien Bay Range, front.	30° 17.0' S 115° 03.0' E	Q.W.	49 15	10	Framework tower, triangular daymark, point up.	
9144.1 K 1756.41	-Rear, 483 meters 111°32' from front.	30° 16.6' S 115° 02.9' E	Iso.W. period 4s	86 26	10	Framework tower, triangular daymark, point down.	
9146 K 1756.45	-Jurian Boat Harbor Range, front.	30° 17.4' S 115° 02.5' E	F.Bu.		4		
9146.1 K 1756.46	--Rear, 160 meters 130° from front.	30° 17.5' S 115° 02.6' E	F.Bu.		4		
9149 K 1756.5	-S. breakwater.	30° 17.3' S 115° 02.3' E	Fl.G.	20 6	5		
9149.2 K 1756.52	-N. breakwater.	30° 17.2' S 115° 02.4' E	Fl.R.				
9150 K 1755	Green Head Range, front.	30° 04.5' S 114° 57.9' E	Q.W.	66 20	9	White column, rectangular daymark.	
9150.1 K 1755.1	-Rear, 180 meters 105°37' from front.	30° 04.5' S 114° 58.0' E	Iso.W. period 4s	92 28	9	White column, rectangular daymark.	
9151 K 1755.2	-Inner Range, front.	30° 03.0' S 114° 57.5' E	Iso.W. period 2s	52 16	3	Column, white rectangular daymark.	
9151.1 K 1755.21	--Rear, 104 meters 007°11' from front.	30° 03.0' S 114° 57.5' E	Iso.W. period 8s	62 19	3	Column, white rectangular daymark.	
9152 K 1754	Port Denison Range, front.	29° 16.0' S 114° 55.0' E	Oc.W. period 3.5s	62 19	10	Beacon, red rectangular daymark.	
9156 K 1754.1	--Rear, 969 meters 072°05' from front.	29° 15.8' S 114° 55.9' E	Fl.W. period 2s	131 40	17	Beacon, red rectangular daymark.	
9156.2 K 1754.5	-Harbor Range, front.	29° 16.7' S 114° 54.8' E	F.Bu.	33 10		White stone beacon.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-WEST COAST							
9156.3 K 1754.51	--Rear, 50 meters from front.	29° 16.8' S 114° 54.8' E	F.Bu.		46 14		
9156.6 K 1754.7	-W. breakwater.	29° 16.4' S 114° 54.8' E	Fl.G. period 3s				
9156.7 K 1754.6	-E. breakwater.	29° 16.4' S 114° 54.8' E	Fl.R. period 3s				
9157 K 1754.9	Freshwater Point.	29° 36.0' S 114° 59.0' E	Fl.W. period 5s	118	17 36		
9158 K 1755	Leeman Range, front.	29° 56.9' S 114° 59.0' E	Q.W.	52	9 16		
9158.1 K 1755.1	-Rear, 742 meters from front.	29° 56.8' S 114° 59.0' E	Fl.W. period 2s	85	15 26		
9160 K 1753.6	Pelsaert Island.	28° 59.1' S 113° 57.7' E	Fl.W. period 5s	70	18 21	Stainless steel column; 66.	
	RACON		X(- • • -)				
CHAMPION BAY-GERALDTON:							
9164 K 1740	-Point Moore.	28° 47.1' S 114° 34.7' E	Fl.(2)W. period 10s fl. 0.1s, ec. 2.4s fl. 0.1s, ec. 7.4s	110	23 34	Conical iron tower, red and white bands; 114.	Visible shore-235°. Aero Radiobeacon 3.3 miles ENE.
9168 K 1741	-AVIATION LIGHT.	28° 47.5' S 114° 41.5' E	Fl.W. period 10s	130	26 40	Control tower.	
9169 K 1742.1	-Bluff Point Range, common rear.	28° 44.6' S 114° 37.1' E	F.Bu.	55	8 17	White pole.	Visible 056°18'-086°18'.
			Dir.F.W.R.G.				
9169.1 K 1742	--Approach Range, front, 1250 meters 071°24' from common rear.	28° 44.8' S 114° 36.5' E	Iso.W. period 3s	36	8 11	Metal framework tower, white rectangular daymark, black stripe.	
9169.2 K 1742.3	--Bluff Point Range, front, sea beacon, 2250 meters 127°54' from common rear.	28° 43.8' S 114° 36.0' E	Iso.Bu. period 3s				
			F.Bu.				
9169.5	-Fairway buoy.	28° 46.2' S 114° 31.7' E	L.Fl.W. period 10s			SAFE WATER RW, pillar, topmark.	
	-RACON		G(- - •)				
9170 K 1743	--Channel beacon No. 1.	28° 45.2' S 114° 35.2' E	Fl.G. period 3s	30	6 9	STARBOARD (A) G, pile, topmark.	Entrance channel marked by beacons.
9172 K 1750	-W. breakwater.	28° 46.2' S 114° 35.9' E	Fl.G. period 3s	23	3 7	Black concrete framework tower.	
9176 K 1752	-E. breakwater.	28° 46.3' S 114° 36.0' E	Fl.R. period 3s	23	3 7	Black concrete framework tower.	
9180 K 1744	-Harbor Range, front.	28° 46.7' S 114° 36.0' E	F.Bu.	55	17	Steel pillar, red triangular daymark.	
9184 K 1744.1	--Rear, 140 meters from front.	28° 46.7' S 114° 36.1' E	2 F.Bu. (vert.)	81	25	Steel lattice tower, red triangular daymark, point down.	
9186 K 1753	-Fishing Boat Harbor Range, front.	28° 46.4' S 114° 35.6' E	F.Bu.				
9186.1 K 1753.1	--Rear, about 120 meters from front.	28° 46.5' S 114° 35.5' E	F.Bu.				
9188 K 1753.2	-Batavia Coast Marina, breakwater, head.	28° 45.9' S 114° 36.6' E	L.Fl.G. period 6s	26	3 8		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-WEST COAST							
9190 K 1753.21	--Port groin.	28° 45.9' S 114° 36.6' E	L.F.I.R. period 6s		3	Red metal tube.	
9198 K 1753.4	Hummock Island.	28° 47.9' S 114° 02.4' E	Fl.(2)W. period 6s	49 15	10		
9199 K 1739.9	-Leo Island.	28° 41.3' S 113° 51.5' E	Fl.W. period 5s		10		
9200 K 1739.4	North Island.	28° 18.0' S 113° 35.0' E	Fl.(3)W. period 30s fl. 0.1s, ec. 4.9s fl. 0.1s, ec. 4.9s fl. 0.1s, ec. 19.9s	52 16	18	White fiberglass hut; 6.	
	RACON		N(- •)				
9201 K 1739.6	-East Wallabi Island.	28° 25.6' S 113° 44.7' E	Fl.R. period 3s			Pole.	
9202 K 1739.7	-Eastern Island.	28° 27.8' S 113° 48.9' E	Fl.W. period 5s			Pole.	
9203 K 1739.8	-Dick Island.	28° 29.8' S 113° 46.1' E	Q.(3)W. period 10s			E. CARDINAL BYB, pole, topmark.	
9204 K 1739	Shoal Point.	28° 03.5' S 114° 12.4' E	Fl.W. period 5s	386 118	19	White square brick tower; 20.	Visible 003°-150°.
	RACON		O(- - -)		27		
9208 K 1728	Steep Point.	26° 09.0' S 113° 09.7' E	Fl.W. period 10s	230 70	10	White hut; 13.	Visible 358°-253° except where obscured by Dirk Hartog's Island.
9212 K 1724	Cape Inscription.	25° 29.0' S 112° 58.0' E	Fl.(3)W. period 15s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 11.5s	127 39	12	Gray concrete tower; 49.	Visible 040°-303°.
9216 K 1723	Cape St. Cricq.	25° 15.9' S 113° 04.7' E	Fl.W. period 2.5s fl. 0.5s, ec. 2s	144 44	10	White hut; 9.	Visible 202°-171°.
	DENHAM SOUND:						
9220 K 1730	-Denham Channel, NW. end, No. 1.	25° 53.5' S 113° 14.7' E	Fl.G. period 3s	16 5	4	STARBOARD (A) G, beacon, topmark.	Channel marked by lighted beacons.
9224 K 1732	--SE. end, No. 12.	25° 58.3' S 113° 23.3' E	Q.(9)W. period 15s		6	W. CARDINAL YBY, beacon, topmark.	
9225 K 1735	-Slope Island, jetty.	26° 05.3' S 113° 25.0' E	Fl.W. period 5s	65 20	3		F.G. and F.R. mark N. and S. ends.
9226	-Salt Works, AVIATION LIGHT.	26° 08.5' S 113° 25.4' E	F.R.	72 22	4	On top of water tower.	
9228 K 1726	Cape Peron.	25° 31.0' S 113° 30.9' E	Fl.W. period 5s fl. 0.1s, ec. 4.9s	187 57	17		
9232 K 1733	-Denham, outer.	25° 56.3' S 113° 30.7' E	Fl.R. period 3s	26 8	3	PORT (A) R, beacon, topmark.	
9236 K 1733.4	--Inner.	25° 56.1' S 113° 31.7' E	Fl.(2)R. period 6s	26 8	5	PORT (A) R, beacon, topmark.	
9240 K 1726.2	-Red Cliff Bay.	25° 45.9' S 113° 42.6' E	Fl.R. period 3s		1	PORT (A) R, beacon, topmark.	
9242 K 1727	-Eastern Bluff.	25° 47.5' S 113° 43.2' E	Fl.R. period 3s			PORT (A) R, beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-WEST COAST							
SHARK BAY:							
9248 K 1722	-Carnarvon AVIATION LIGHT.	24° 53.0' S 113° 40.0' E	Fl.W. period 10s	90 27	15		Occasional.
9252 K 1718	-Babbage Island.	24° 52.6' S 113° 37.8' E	Fl.W.R. period 5s	98 30	W. 16 R. 5	White square wooden framework structure; 60.	R. 343°-029°, W.-137°, R.-163°.
9254 K 1720	-Teggs Channel No. 1.	24° 54.4' S 113° 37.6' E	Q.(6)+L.Fl.W. period 15s		6	S. CARDINAL YB, beacon, topmark.	
9255 K 1721.4	--Range, front.	24° 54.4' S 113° 38.3' E	Q.W.	20 6	3	White pile.	Channel marked by Q.G. and Q.R. lights.
9255.1 K 1721.41	---Rear, 110 meters 079°22' from front.	24° 54.4' S 113° 38.4' E	Iso.W. period 4s	23 7	3	White pile.	
9256 K 1719	-Island, jetty, head.	24° 53.0' S 113° 37.0' E	Fl.R. period 3s	25 8	3	Wooden platform; 15.	
9260 K 1719.4	-Island, jetty, head.	24° 53.0' S 113° 37.0' E	F.G.		2		
9264 K 1717	-Cape Ronsard.	24° 46.0' S 113° 08.0' E	Fl.(2)W. period 8s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	71 22	10	White round steel housing; 12.	
9268 K 1716	-Point Quobba.	24° 28.8' S 113° 25.1' E	Fl.(4)W. period 20s	210 64	14	White round concrete tower, red dome; 61.	
9270 K 1715.3	Cape Cuvier.	24° 13.3' S 113° 23.8' E	F.W.		16		
9272 K 1714	Point Cloates.	22° 42.6' S 113° 40.8' E	Fl.(2)W. period 15s	128 39	15	White hut; 12.	
9276 K 1710	North West Cape.	21° 48.4' S 114° 09.6' E	Fl.W. period 3s	423 129	25	Metal framework tower; 98.	F.R. on tower 5.1 miles SSW.
9280 K 1712	Y Islet.	21° 57.2' S 114° 25.3' E	Fl.(2)W. period 5s	39 12	10	Gray metal pile; 12.	Radar reflector.
9284 K 1702	Bessiers Island, (Anchor Island).	21° 31.4' S 114° 45.0' E	Fl.(3)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	89 27	9	White fiberglass hut; 13.	
9286	SBM Griffin.	21° 13.4' S 114° 38.7' E	Mo.(U)W. period 15s				

AUSTRALIA-NORTH COAST

BEADON BAY:

9296 K 1704.1	-Onslow.	21° 38.6' S 115° 07.1' E	Fl.W. period 2s	83 25	15	White steel tower; 59.	
9298 K 1704.2	-Jetty, head.	21° 37.6' S 115° 05.8' E	Mo.(U)W. period 15s				
9302 K 1707.4	-Groin, head.	21° 38.5' S 115° 07.9' E	Fl.G. period 3s	23 7	7		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-NORTH COAST							
MARY ANNE PASSAGE:							
9304 <i>K 1698</i>	-Airlie Island.	21° 19.5' S 115° 10.0' E	Fl.(4)W. period 16s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 9.5s	85 26	16	Steel framework tower, white lantern; 79.	
9308 <i>K 1696</i>	-Mary Anne Reef.	21° 15.2' S 115° 27.2' E	Fl.W. period 5s	26 8	10	White fiberglass hut; 13.	
BARROW ISLAND:							
9312 <i>K 1695</i>	-Great Sandy Island.	21° 12.2' S 115° 38.8' E	Fl.(3)W. period 12s	56 17	10	White steel house; 12.	
9316 <i>K 1694</i>	-North Sandy Island.	21° 06.3' S 115° 38.8' E	Fl.(2)W. period 8s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	85 26	10	Steel framework tower; 53.	
9320 <i>K 1692.4</i>	-Double Island.	20° 44.0' S 115° 29.0' E	Fl.W. period 6s fl. 0.6s, ec. 5.4s	56 17	5	Metal pipe; 7.	
9326 <i>K 1693.5</i>	Bambra caisson.	20° 32.9' S 115° 36.2' E	Mo.(U)Y.	59 18	10	Platform.	
9328 <i>K 1691.98</i>	North West Island.	20° 21.6' S 115° 31.5' E	Fl.W. period 5s	55 17	18	White hut; 13.	
9332 <i>K 1691.99</i>	Trimouille Island.	20° 24.5' S 115° 34.5' E	Fl.(3)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	128 39	11	White hut; 7.	
9334	<i>CALM Wanaea.</i>	19° 35.4' S 116° 26.7' E	Mo.(U)W. period 15s				Radiobeacon.
9336 <i>K 1690.4</i>	Rosemary Island, N. end.	20° 29.0' S 116° 36.0' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	154 47	10	White hut with lantern on top; 12.	
9340 <i>K 1690.6</i>	Courtenay Head, Malus Island.	20° 30.0' S 116° 41.0' E	Fl.(6)W. period 15s	250 76	10	Hut; 8.	
PORT OF DAMPIER:							
9340.2	-Sea Buoy.	20° 25.4' S 116° 43.0' E	Fl.(4)Y. period 10s			SPECIAL Y, conical.	
	-RACON		M(- -)				(3 & 10cm)
9340.5 <i>K 1691</i>	-Fairway beacon.	20° 32.0' S 116° 42.2' E	Fl.G. period 3s		8	STARBOARD (A) G, pile, topmark.	Channel marked by lights.
9340.7 <i>K 1691.2</i>	-Parker Point Wharf, off W. end.	20° 38.2' S 116° 43.0' E	F.R.		3	Dolphin.	
9340.72 <i>K 1691.25</i>	--Off elbow.	20° 38.2' S 116° 43.2' E	F.R.		3	Dolphin.	F.R. and 2 F.Y. mark service wharf close E.
9340.74 <i>K 1691.19</i>	--Mooring.	20° 38.0' S 116° 43.1' E	Fl.W. period 3s			Pile.	
9340.8 <i>K 1691.4</i>	-King Bay, Fairway No. 1.	20° 37.7' S 116° 44.1' E	Fl.W. period 10s	26 8	5	Red and white beacon, red ball topmark.	Channel marked by lights.
9340.82 <i>K 1691.42</i>	-King Bay Range 7, front.	20° 37.7' S 116° 44.8' E	Q.G.	23 7	3	Green beacon, white triangular daymark, point up.	
9340.83 <i>K 1691.41</i>	--Rear A, 250 meters 095° from front.	20° 37.8' S 116° 44.9' E	Iso.W. period 4s	33 10	4	Black beacon, white triangular daymark, point down.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-NORTH COAST							
9340.9 K 1691.55	-Roe Point.	20° 37.9' S 116° 39.8' E	Fl.(3)G. period 5s		3	STARBOARD (A) G, beacon, topmark.	
9340.92 K 1691.65	-Channel Reef.	20° 38.3' S 116° 39.2' E	Q.G.			STARBOARD (A) G, beacon, topmark.	
9340.94 K 1691.66	-South Reef.	20° 39.0' S 116° 39.0' E	Fl.(3)R. period 10s			PORT (A) R, beacon, topmark.	
9340.96 K 1691.62	-Mistaken Island Wharf, W. end.	20° 39.1' S 116° 39.6' E	Fl.R. period 3s		3		F.I.R. 3s 3M marks E. end.
9340.97 K 1691.57	-E. Intercourse Island Layby Berth Range, front.	20° 39.1' S 116° 40.1' E	Q.Bu.	36 11	2	Metal pile, yellow triangular daymark, point up.	
9340.98 K 1691.58	--Rear, 242°31' from front.	20° 39.1' S 116° 40.1' E	Iso.Bu. period 4s	36 11	2	Metal pile, yellow triangular daymark, point down.	
9341 K 1691.78	-E. Intercourse Island.	20° 39.3' S 116° 40.9' E	F.R.	203 62	3		
9341.2 K 1691.7	--Hammersly Wharf, off E. end.	20° 38.9' S 116° 40.6' E	F.R.		4		F.R. 4M marks W. end.
9341.5 K 1691.77	-Port Control Tower.	20° 39.3' S 116° 40.8' E	F.R.		6	On control tower.	Radar Station.
9341.7 K 1691.8	-Hampton Harbor.	20° 40.1' S 116° 41.4' E	Dir.F.W.R.G.		3	On causeway.	Channel marked by lights.
9341.75 K 1691.82	--227°.	20° 39.8' S 116° 41.1' E	Dir.F.W.R.G.		2	On causeway.	
9342 K 1691.85	-Mermaid Sound Range, common front, No. 9.	20° 32.8' S 116° 43.1' E	Q.Bu.	19 6	6	Yellow and green pile structure, double cone daymark, points up.	Synchronized with rear lights. Radar reflector.
9342.1 K 1691.84	--Rear, 577 meters 189° from front, No 9S.	20° 33.1' S 116° 43.1' E	Iso.Bu. period 4s	59 18	6	Yellow and green pile structure, triangular daymark, point down.	Radar reflector.
9342.2 K 1691.86	--Rear about 286 meters 312° from front, No. 9W.	20° 32.7' S 116° 43.0' E	Iso.Bu. period 4s	49 15	6	Yellow and green pile structure, triangular daymark, point down.	Radar reflector.
9343 K 1691.9	-Star Rock.	20° 34.9' S 116° 45.4' E	Fl.(2)W. period 5s		2		
9343.2 K 1691.88	-Range, front, No. 16.	20° 35.3' S 116° 46.0' E	Fl.G. period 3s	19 6	8	Black pile, white triangular daymark.	
9343.4 K 1691.89	--Rear A, 480 meters 132° from front.	20° 35.4' S 116° 46.2' E	Oc.G. period 5s	46 14	8	Orange pile.	
9343.5 K 1691.92	-Withnell Bay Terminal.	20° 35.2' S 116° 45.6' E	Fl.R. period 3s	20 6	3	Gray post.	
9343.6 K 1691.967	-Dampier Cargo Wharf.	20° 37.1' S 116° 45.1' E	F.Bu.	98 30	6		
9344 K 1690	Legendre Island.	20° 21.6' S 116° 50.5' E	Fl.(2)W. period 10s	108 33	14	White lantern; 13.	
9346 K 1690.2	Nickol Bay.	20° 43.4' S 116° 53.7' E	2 Fl.G. period 2s				
PORT OF WALCOTT:							
9348 K 1685.4	-Cape Lambert, oreloading jetty, head.	20° 34.5' S 117° 12.2' E	2 F.R. (neon)	69 21	2		Neon strips, one on each head dolphin. Ore wharf conveyor marked by 5 FW. and 1 FBu.
9349	-Range, front.	20° 34.7' S 117° 10.3' E	F.R.				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-NORTH COAST							
9349.3 K 1685.59	--Rear, 260 meters 160° from front.	20° 35.4' S 117° 11.3' E	F.R. (neon)				
9353 K 1685.8	Sams Creek Reef.	20° 35.6' S 117° 12.2' E	Q.W.			N. CARDINAL BY, beacon, topmark.	
9357 K 1685.9	Point Samson Reef.	20° 37.2' S 117° 11.3' E	Q.(3)W. period 10s			E. CARDINAL BYB, beacon, topmark.	
9362	Buoy C1.	20° 23.5' S 117° 25.3' E	Q.(3)W. period 10s			E. CARDINAL BYB, pillar, topmark.	
	RACON		K(- • -) period 48s		10		(3 & 10cm)
9364 K 1684	AVIATION LIGHT.	20° 23.0' S 118° 37.0' E	Al.FI.W.G. period 7.5s	98 30	27	Control tower.	Occasional. Aero Radiobeacon 1 mile SE.
PORT HEDLAND:							
9374 K 1676	-C1.	19° 59.6' S 118° 26.1' E	Fl.W. period 5s	26 8	10	STARBOARD (A) G, beacon, topmark.	Approach and channel to Port Hedland marked by lighted beacons C3 through No. 51.
	-RACON		G(- - •)		11		
9375 K 1676.2	-C2.	19° 59.7' S 118° 26.4' E	Fl.R. period 5s	26 8	6	PORT (A) R, beacon, topmark.	
9375.5 K 1675.8	-No. 2E.	20° 03.2' S 118° 32.7' E	Q.(9)W. period 15s	36 11	6	W. CARDINAL YBY, beacon.	
9376 K 1679.2	-Newman Range, front.	20° 15.8' S 118° 35.1' E	Q.W.	63 19	9		
9380 K 1679.21	--Rear, 760 meters 137°53' from front.	20° 16.0' S 118° 35.5' E	Iso.W. period 4s	91 28	10		
9384 K 1680	-Goldsworthy and Spoil Ground Range, common front.	20° 17.5' S 118° 35.4' E	Q.W.	30 9	10		
			Q.Bu.		2		Visible 042°-052°.
9388 K 1679.99	--Goldsworthy, middle, 400 meters 156° from common front.	20° 16.7' S 118° 35.6' E	Iso.W. period 4s	49 15	10		
9392 K 1679.98	--Goldsworthy, rear, 1.11 miles 156° from common front.	20° 18.6' S 118° 36.0' E	Fl.W. period 2s	88 27	12		
9393 K 1680.01	--Spoil ground, rear, 613 meters 047° from common front.	20° 17.3' S 118° 35.8' E	Q.Bu.				Visible 042°-052°.
9396 K 1681.9	-Airey and Utah Range, common front.	20° 19.0' S 118° 34.0' E	F.Bu.	26 8	4		Visible 212°-232°. Forms Airey range 222°.
9398 K 1682.81	--Utah, rear, 296°43' from common front.	20° 18.9' S 118° 34.0' E	F.R.	43 13	4		
9400 K 1682	-Airey and Leslie Range, common rear.	20° 19.1' S 118° 33.9' E	F.Bu.	33 10	4		Visible 180°-000°.
9404 K 1682.1	-Leslie Range, front, 143 meters from common rear.	20° 19.1' S 118° 34.0' E	F.Bu.	19 6	4		Forms range 287°30'. Visible 277°30'-297°30'.
9408 K 1683.4	-Anderson Range, front.	20° 19.5' S 118° 34.4' E	Q.R.	30 9			Visible 150°36'-160°36'.
9412 K 1683.41	--Rear, 230 meters 155°32' from front.	20° 19.6' S 118° 34.6' E	Fl.R. period 2s	47 14			Visible 150°36'-160°36'.
9413 K 1683.7	-Shelf Range, front.	20° 19.2' S 118° 33.9' E	F.W.	49 15			

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-NORTH COAST							
9413.1 K 1683.71	--Rear, 105 meters 279°19' from front.	20° 19.1' S 118° 33.9' E	F.W.		62 19		
9414 K 1683.8	-Nelson Range, front.	20° 19.6' S 118° 34.9' E	F.R.		49 15		
9414.5 K 1683.81	--Rear, 125 meters 116°54' from front.	20° 19.5' S 118° 35.0' E	F.R.		50 15		
9416 K 1675	Bedout Island.	19° 35.4' S 119° 06.0' E	Fl.(3)W. period 15s		79 24	12 Stainless steel framework tower; 57.	
	RACON		O(---) period 120s		15		(3 & 10cm)
ROWLEY SHOALS:							
9424 K 1674	-Imperieuse Reef.	17° 31.1' S 118° 56.8' E	Fl.W. period 5s		100 30	12 Round metal tower, concrete base; 104.	
	-RACON		Q(---) period 120s		16		
ROEBUCK BAY:							
9428 K 1660	-Gantheaume Point.	17° 58.5' S 122° 10.5' E	Fl.W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s		108 33	18 White steel framework tower; 75.	
9432 K 1662	-Entrance Point.	18° 00.4' S 122° 12.3' E	Fl.W.R. period 5s		106 32	W. 10 Framework tower; 16. R. 8	R. 139°-319°, W.-139°.
9436 K 1663	-AVIATION LIGHT.	17° 57.0' S 122° 14.0' E	Fl.W. period 10s		65 20	26	Aero Radiobeacon 0.8 mile NNW.
9438 K 1662.5	-Broome, Deep Water Approach Range, front.	18° 00.1' S 122° 13.1' E	Iso.W. period 2s		52 16	6	
9438.1 K 1662.51	--Rear, 140 meters 022° from front.	18° 00.0' S 122° 13.1' E	Iso.W. period 8s		72 22	6	
9440 K 1665	-Channel Range, front.	18° 00.2' S 122° 13.0' E	F.Bu. (neon)		17 5	3 Single column, white triangular daymark.	Tide signals 205 meters NE. Occasional.
9444 K 1665.1	--Rear, about 91 meters 000° from front.	18° 00.1' S 122° 13.0' E	F.Bu. (neon)		27 8	3 Single column, red triangular daymark.	Occasional.
9445 K 1669.3	-Channel Rock.	18° 00.6' S 122° 12.9' E	Fl.(2)W. period 5s		23 7	3 ISOLATED DANGER BRB, beacon, topmark.	
9445.2 K 1669.2	--NE.	18° 00.4' S 122° 13.2' E	Fl.Y. period 5s		30 9	3 SPECIAL Y, beacon, topmark.	
9445.4 K 1669	-Jetty, head.	18° 00.0' S 122° 13.1' E	F.R.			1	
9445.6 K 1669.4	-Mooring Buoy Range, front.	18° 00.2' S 122° 12.7' E	F.Bu.				Occasional.
9445.61 K 1669.41	--Rear, 37 meters 234° from front.	18° 00.2' S 122° 12.7' E	F.Bu.				Occasional.
9447 K 1659	Red Bluff.	17° 03.5' S 122° 19.0' E	Fl.(2)W. period 15s fl. 0.1s, ec. 4.9s fl. 0.1s, ec. 9.9s		157 48	15 White hut; 13.	
	RACON		Y(- • - -)		19		
9448 K 1658	East Island.	16° 54.2' S 122° 11.7' E	Fl.W. period 2s fl. 0.1s, ec. 1.9s		82 25	13 Stainless steel framework tower; 61.	Radar reflector.
	RACON		M(- -)		15		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-NORTH COAST							
9452 K 1650	Cape Leveque.	16° 23.8' S 122° 55.7' E	Fl.W. period 12s	142 43	22	White tower; 43.	
KING SOUND:							
9456 K 1654	-Black Rocks.	17° 05.4' S 123° 35.4' E	L.Fl.W. period 12s	43 13	12		
9460 K 1656	-Derby Range, front.	17° 17.4' S 123° 36.6' E	Q.W.	46 14	6	Orange triangular daymark, point up.	
9464 K 1656.1	--Rear, 400 meters from front.	17° 17.7' S 123° 36.9' E	Iso.W. period 4s	79 24	6	Orange triangular daymark, point down.	
BUCCANEER ARCHIPELAGO:							
9468 K 1646	-Caffarelli Island.	16° 02.7' S 123° 16.7' E	Fl.(4)W. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	222 68	12	White round steel column; 21.	
9472 K 1643	-Tanner Islet, summit.	16° 06.0' S 123° 32.0' E	Fl.(2)W. period 10s	77 23	12	White concrete tower; 20.	
9476 K 1642.9	-Cockatoo Island.	16° 05.7' S 123° 36.6' E	Q.R.	427 130	9		
9500 K 1640	-Adele Island.	15° 30.7' S 123° 09.4' E	Fl.W. period 5s	102 31	15	Red steel framework tower; 98.	
	-RACON		C(- - •)		16		
9504 K 1642	Browse Island.	14° 06.6' S 123° 32.8' E	Fl.(2)W. period 6s	115 35	13	White metal lattice tower; 105.	
	RACON		O(- - -) period 120s		17		(3 & 10cm)
9508 K 1641	Degerando Island.	15° 20.0' S 124° 11.9' E	Fl.(4)W. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	120 37	12	White round tower; 20.	
SAHUL BANKS:							
9510 K 1639	-Tanker mooring.	11° 55.6' S 125° 00.4' E	Mo.(U)Y. period 15s		10	Tankship marked Jabiru Venture.	Horn: Mo.(U) 30s Occasional. Radiobeacon.
	-RACON		D(- • •)				Activated on departure during bad weather.
9511 K 1639.3	-SPM Skua.	12° 30.3' S 124° 25.5' E	Mo.(U)W. period 15s		10		
9512 K 1638	Lesueur Island.	13° 49.3' S 127° 16.0' E	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	67 20	11	Framework tower; 66.	
CAMBRIDGE GULF:							
9516 K 1636	-Lacrosse Island.	14° 44.3' S 128° 17.8' E	Fl.W. period 7.5s	370 113	17	White round steel house; 20.	
	-RACON		M(- -) period 120s		27		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-NORTH COAST							
9518 K 1636.3	-Adolphus Island, Nicholls Point.	15° 02.5' S 128° 07.5' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s		10		
9520 K 3318	Cape Fourcroy.	11° 47.9' S 130° 01.4' E	Fl.(3)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	98 30	12	White metal framework tower; 49.	Visible 316°-200°.
CLARENCE STRAIT:							
-Port Darwin:							
9524 K 3322	--Charles Point.	12° 23.5' S 130° 37.8' E	Fl.W. period 5s	128 39	17	White framework tower, red bands, central column.	
9528 K 3324	--Emery Point.	12° 27.4' S 130° 48.8' E	Fl.(3)W.R. period 15s	60 18	W. 19 R. 14	White skeleton steel tower; 31.	W. 335°-139°, R.-181°. 2 F.R. 8M on water tank 1 mile E. Aero Radiobeacon 9.2 miles E.
9529 K 3325	--Fannie Bay Sandspit.	12° 27.1' S 130° 48.9' E	Q.(2)Bu. period 5s	13 4	4	Black metal pole; 12.	
9532 K 3326	--AVIATION LIGHT, 8.7 km 055° from Emery Point Light.	12° 24.5' S 130° 52.9' E	Al.FI.W.G. period 10s	236 72	26	Tower.	Shown on request. 2 F.R. on radio masts 0.1 mile SW., F.R. and Fl.R. on sign 0.4 mile ENE.
9533 K 3328	--Naval Base Range, front.	12° 28.0' S 130° 49.0' E	F.G.	33 10	3		
9533.1 K 3328.1	---Rear, 82 meters 305°55' from front.	12° 27.6' S 130° 49.3' E	F.R.G.	46 14	3	Mast, white square daymark, green stripe.	
9534 K 3328.3	---W. breakwater, head.	12° 27.7' S 130° 49.4' E	Fl.(2)R. period 5s	20 6	4	White fiberglass hut.	Visible 295°-088°. F.R. marks end of jetty 400 yards NW.
9535 K 3328.4	---E. breakwater, head.	12° 27.8' S 130° 49.5' E	Fl.(2)G. period 5s	16 5	6	Mast on concrete base.	
9535.4	--Frances Bay.	12° 27.5' S 130° 50.8' E	2 F.R.				Occasional.
-East Arm Port:							
9535.5 K 3328.6	--East Arm Port Range, front.	12° 29.7' S 130° 53.1' E	F.Bu.	19 6	6	Pole, triangular daymark, point up.	
9535.51 K 3328.61	---Rear, 200 meters 121°55' from front.	12° 29.8' S 130° 53.2' E	F.Bu.	36 11	6	Pole, triangular daymark, point down.	
			Q.Bu.		3		Visible 212°-032°.
9535.55 K 3328.5	--NW End.	12° 29.2' S 130° 52.6' E	Oc.R. period 3s				
9535.6 K 3329	--South Shell Island.	12° 29.9' S 130° 53.1' E	Fl.(2)R. period 4s			PORT (A) R, beacon, topmark.	
9535.65 K 3329.2	--Old Man Rock.	12° 29.9' S 130° 54.2' E	Q.(3)R. period 6s	7 2		PORT (A) R, beacon, topmark.	
9535.7 K 3329.7	-Wickham Point LNG Jetty Range, front.	12° 31.5' S 130° 51.7' E	F.Bu.			Beacon.	
9535.71 K 3329.8	---Rear, 1800 meters 072°12' from front.	12° 31.5' S 130° 51.8' E	F.Bu.			Beacon.	
9535.9 K 3330	-Fish Reef.	12° 25.9' S 130° 26.6' E	L.FI.W.R. period 10s	33 10	W. 10 R. 8	Concrete tower.	W. 056°-257°, R.-056°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-NORTH COAST							
9536 K 3317	-Southwest Vernon Island.	12° 05.9' S 131° 01.9' E	Fl.(4)W. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	26 8	10	White hut on concrete column; 16.	Radar reflector.
9538 K 3317.5	-Northwest Vernon Island.	12° 03.0' S 130° 59.7' E	Fl.(2)W.R. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	30 9	W. 10 R. 8	White hut on steel pile structure; 30.	W. 305°-020°, R.-061°, W.- 244°.
9540 K 3316	-East Vernon Island, S. side.	12° 04.6' S 131° 05.7' E	Fl.W.R.G. period 5s fl. 1s, ec. 4s	39 12	W. 11 R. 8 G. 8	White hut on steel structure; 36.	W. 250°-042°, R.-088°, W.- 094°, G.-105°, obscured elsewhere.
9544 K 3315	-Cape Hotham.	12° 02.8' S 131° 17.4' E	Fl.(3)W.R. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	56 17	W. 12 R. 9	White steel framework tower; 54.	R. 025°-070°, W. elsewhere.
9548 K 3314	Cape Don.	11° 18.5' S 131° 45.9' E	Fl.W. period 12s	163 50	20	Gray concrete tower, white lantern; 118.	
9552 K 3313	New Year Island.	10° 54.1' S 133° 02.0' E	Fl.(3)W. period 30s	104 32	15	White round steel framework tower; 98.	
9552.2 K 3313.4	Cape Croker.	10° 58.8' S 132° 35.7' E	Fl.W. period 5s	105 32	10	White hut; 13.	
9552.5 K 3312.8	Haul Round Island.	11° 53.5' S 134° 12.7' E	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 10	10	White fiberglass tower.	
9553 K 3312.5	Stevens Island.	11° 33.0' S 136° 07.0' E	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	46 14	10	White fiberglass tower; 20.	Visible 083°-006°.
9555 K 3312.6	Warnawi Island, SW. end.	11° 49.0' S 136° 02.0' E	Fl.(3)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	33 10	10	White hut.	Visible 242°-201°.
9556 K 3312	Cape Wessel.	11° 00.3' S 136° 45.6' E	Fl.W. period 5s	177 54	15	White hut on metal framework tower; 98.	
	RACON		Y(- • - -) period 120s		19		
9560 K 3311	Truant Island.	11° 40.0' S 136° 50.0' E	Fl.(2)W. period 15s	128 39	15	Metal framework tower; 59.	
9564 K 3310.5	Veronica Islet.	12° 02.5' S 136° 47.1' E	Fl.W. period 5s	66 20	10	Fiberglass hut; 6.	
GOVE HARBOR:							
9565 K 3309	-Five Fathoms.	12° 12.8' S 136° 40.3' E	Q.R.			Pile.	
9566 K 3310	-Half Tide Rock.	12° 12.8' S 136° 41.3' E	Fl.(2)W. period 5s			White beacon.	
9567 K 3310.2	-General Cargo Wharf.	12° 12.3' S 136° 40.8' E	Fl.R. period 4s			Dolphin.	
9568 K 3305	North East Islet.	13° 38.0' S 136° 57.0' E	Fl.W. period 5s fl. 0.2s, ec. 4.8s	205 62	15	White hut; 10.	
9572 K 3306	Bickerton Island.	13° 47.2' S 136° 16.9' E	Fl.W. period 5s	78 24	9	White hut; 10.	Visible 200°-027°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-NORTH COAST							
9576 K 3307	Connexion Island.	13° 50.0' S 136° 20.0' E	Fl.W. period 2.5s fl. 0.5s, ec. 2s	43 13	7	Metal post, white hut alongside; 32.	Visible 344°-219°.
9578 K 3307.4	Milner Bay, jetty, N. end.	13° 51.6' S 136° 24.9' E	F.R.			Dolphin.	
9578.1 K 3307.5	-S. end.	13° 51.7' S 136° 25.0' E	F.R.			Dolphin.	
9580 K 3308	Brady Rock.	13° 41.0' S 136° 26.9' E	Fl.(3)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	50 15	7	White hut; 10.	
9580.8 K 3304.9	Bing Bong.	15° 37.8' S 136° 23.3' E	Dir.F.W.R.G.	20 6	W. 17 R. 14 G. 14		
9582 K 3304.8	Albert River.	17° 34.6' S 139° 45.9' E	Fl.W. period 6s	29 9	10	Framework tower.	
NORMAN RIVER:							
9584 K 3304	-Karumba.	17° 29.3' S 140° 50.3' E	Fl.W. period 3s	98 30	12	Water tower.	
9588 K 3304.1	-Approach.	17° 27.9' S 140° 49.7' E	Fl.W. period 2s		6		
9592	<i>Carpentaria Shoal.</i>	10° 44.5' S 141° 03.2' E	Fl.(2)W. period 8s			ISOLATED DANGER BRB, pillar, topmark.	
RACON							
			G(- - •)		10		(3 & 10 cm)
9596 K 3297	Duyfken Point.	12° 34.1' S 141° 36.0' E	Fl.W. period 5s fl. 1s, ec. 4s	161 49	15	Steel lattice tower; 92.	Visible 290°-175°, partially obscured 175°-190°.
RACON							
			K(- • -) period 120s		19		
ALBATROSS BAY:							
-Port of Weipa:							
9600 K 3297.6	--S. Channel Fairway Beacon.	12° 42.0' S 141° 41.0' E	L.Fl.W. period 10s	24 7	8	Red and white metal tripod.	
9604 K 3297.7	--Entrance, No. 2.	12° 42.0' S 141° 42.0' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	
9608 K 3297.72	--Entrance, No. 1.	12° 42.0' S 141° 42.0' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	
9612 K 3298	--Range, front.	12° 40.1' S 141° 50.4' E	F.Bu.	46 14		White metal tower.	F.W. by day.
9616 K 3298.1	---Rear, 1.7 miles 078° from front.	12° 39.8' S 141° 52.0' E	F.Bu.	144 44		White metal tower.	F.W. by day.
TORRES STRAIT AND APPROACH:							
9620 K 3274	-Booby Island.	10° 36.3' S 141° 54.6' E	Fl.W. period 10s fl. 0.1s, ec. 9.9s	121 37	20	White round tower, red dome; 59.	
9624 K 3270	-Goods Island Range, front.	10° 33.7' S 142° 09.2' E	Fl.W.R. period 2.5s fl. 0.5s, ec. 2s	26 8	W. 10 R. 7	White hut; 7.	R. 085°-180°, W.-085°. Obscured by Hammond and Goods Islands.
9628 K 3270.1	--Western Hill, rear, 505 meters 199° from front.	10° 34.0' S 142° 09.0' E	Q.W.	345 105	11	White round tower, red dome; 18.	Visible 064°-238°, 290°- 295°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-NORTH COAST							
9632 K 3271	-Wai-Weer Reef, West.	10° 34.4' S 142° 10.0' E	Fl.R. period 2.5s			Beacon, red square daymark.	
9636 K 3268	-Thursday Island Range, front.	10° 34.7' S 142° 12.4' E	F.Bu. (neon)			White triangle, point up on rectangular daymark.	F.W. by day.
9640 K 3268.1	--Rear, 65 meters 094°11' from front.	10° 34.7' S 142° 12.5' E	Dir.F.W.R.G.			White triangle, point down on rectangular daymark.	G. 091.7°-093.8°, W.-094.7°, R.-096.8°.
9644 K 3268.3	--Beacon.	10° 35.0' S 142° 11.9' E	Fl.Y. period 2.5s			Yellow beacon.	
9648 K 3268.5	-Vivien Point.	10° 35.4' S 142° 12.4' E	Q.R.			Red square daymark on beacon.	
9652 K 3266	-Hammond Rock.	10° 30.9' S 142° 12.7' E	Fl.(2)W.R.G. period 10s fl. 1.5s, ec. 1.5s fl. 1.5s, ec. 5.5s	43 13	W. 10 R. 7 G. 7	White structure; 6.	G. 039°-063°, W.-262°, R.-307°.
9654 K 3266.5	-North West Reef.	10° 29.0' S 142° 14.8' E	Iso.W. period 5s	23 7		White fiberglass hut on white column; 19.	Radar reflector.
9656 K 3267	-Hammond Island, N. extremity, Turtle Head.	10° 31.3' S 142° 13.2' E	Dir.Fl.W.R.G. period 2.5s	62 19	W. 10 R. 7 G. 7	White fiberglass structure; 6.	G. 237°-246°, W.-251°, R.-259°.
9658 K 3265.2	-Prince of Wales Channel, Nardana Patches.	10° 30.3' S 142° 14.6' E	Fl.(4)R. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	16 5		White hut on white pile; 26.	
9660 K 3262	-Wednesday Island, Ince Point.	10° 30.5' S 142° 18.7' E	Fl.(3)W.R. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	131 40	W. 10 R. 7	White hut; 20.	W. 050°-092°, R.-102°, W.-300°, R.-345°.
9662 K 3263	-Tuesday Islets, No. 4.	10° 33.2' S 142° 19.8' E	Fl.W.R.G. period 2.5s	39 12	W. 10 R. 7 G. 7	White hut; 13.	G. 075°-086°, W.-094°, R.-101°, W.-195°, R.-210°, W.-245°, obsc.-269°, W.-075°. Radar reflector.
9664 K 3265	-Normanby Sound Range, front.	10° 35.7' S 142° 13.2' E	Dir.Q.Y.			Beacon, white triangular daymark, point up.	
			Fl.G. period 2.5s			Same structure.	
9668 K 3265.1	--Rear, 1.2 miles 112°18' from front.	10° 36.3' S 142° 14.3' E	Dir.Iso.W. period 2s			Beacon, black and white rectangular daymark.	
9672 K 3264	-Horn Island AVIATION LIGHT.	10° 35.8' S 142° 19.0' E	Oc.R. period 1.5s lt. 1s, ec. 0.5s	376 115	11		Obstruction light. Occasional. DGPS Station.
9676 K 3260	-Twin Island.	10° 27.9' S 142° 26.8' E	Fl.W.R. period 5s fl. 0.5s, ec. 4.5s	226 69	W. 10 R. 7	White hut; 19.	R. 088°-100°, W.-088°.
9680 K 3258	-East Strait Island Range, front.	10° 29.9' S 142° 26.7' E	Q.W.	19 6	14	White hut on concrete column; 22.	Visible 085°-095°.
9684 K 3258.1	--Rear, 545 meters 090° from front.	10° 29.9' S 142° 27.0' E	L.Fl.W. period 10s fl. 2s, ec. 8s	92 28	14	Red framework tower, white hut, red square daymark; 56.	Visible 085°-095°.
			Fl.(2)W. period 8s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	92 28	10		Visible 095°-085°.
9688 K 3278	-Harvey Rocks.	10° 18.7' S 142° 41.1' E	Fl.W. period 10s	49 15	10	Red framework tower, white hut; 26.	
9689 K 3278.7	-Ackers Shoal.	10° 18.6' S 142° 48.7' E	Q.(6)+L.Fl.W. period 15s	23 7	6	S. CARDINAL YB, beacon.	Radar reflector.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-NORTH COAST							
9690 K 3278.5	-Kirkcaldie Reef.	10° 20.0' S 142° 50.0' E	Fl.W.R. period 2.5s	29	W. 10 9 R. 8	White concrete column, red fiberglass hut; 26.	W. 214°-205°, R-214°.
	-RACON		K(- • -)				
9692 K 3279	-Sue Islet.	10° 12.1' S 142° 49.1' E	Fl.(2)W. period 10s	16	10 5	White hut on concrete base; 26.	Visible 005°-288°.
9696 K 3280	-Bet Reef.	10° 10.4' S 142° 55.7' E	Fl.W. period 5s	27	10 8	Red framework tower, white hut.	Partially obscured 054°-070°.
9698 K 3282	-Caldbeck Reef.	10° 06.3' S 143° 10.0' E	Fl.(4)W. period 16s	23	10 7	Rectangular daymark on white pile.	Radar reflector.
9700 K 3284	-Dove Islet.	10° 00.0' S 143° 02.4' E	Fl.W. period 10s fl. 1s, ec. 4s	33	10 10	White fiberglass hut on framework tower; 26.	
9702 K 3286	-Sugar Ran Reef.	9° 53.8' S 143° 13.1' E	Fl.R. period 2.5s	33	6 10	PORT (A) R, beacon, topmark.	
9704 K 3285	-Arden Islet.	9° 52.2' S 143° 10.2' E	Fl.(3)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	53	10 16	White metal framework tower; 42.	
9706 K 3287	Smith Cay.	9° 45.9' S 143° 19.1' E	Q.(9)W. period 15s	30	11 9	W. CARDINAL YBY, beacon, topmark; 23.	Radar reflector.
	RACON		B(- • • •)				
9708 K 3288	-Dalrymple Islet, W. end.	9° 37.0' S 143° 17.8' E	Fl.W. period 5s	79	10 24	Stainless steel lattice tower; 69.	Partially obscured 242°-258°.
	-RACON		M(- -)		15		
9712 K 3292	-Bramble Cay.	9° 08.5' S 143° 52.6' E	Fl.(4)W. period 15s fl. 0.1s, ec. 2.4s fl. 0.1s, ec. 2.4s fl. 0.1s, ec. 2.4s fl. 0.1s, ec. 7.4s	62	16 19	Steel framework tower; 62.	
	-RACON		K(- • -)		14		
9714 K 3290	-East Cay.	9° 24.1' S 144° 14.2' E	Fl.W. period 10s fl. 1s, ec. 9s	105	14 32	Red fiberglass tower on metal framework 4-piled structure; 102. Helicopter platform.	
	-RACON		G(- - •)		10		
9721 K 3257	Red Island Range, front.	10° 51.0' S 142° 23.0' E	Q.Y.			Triangular topmark, point up.	
9722 K 3257.1	-Rear, 85 meters 112°30' from front.	10° 50.5' S 142° 22.6' E	Iso.W. period 2s			Triangular topmark, point down.	

Section 10

Northeast Coast of Australia

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
ADOLPHUS CHANNEL:							
9724 K 3256	-Eborac Island.	10° 41.0' S 142° 32.0' E	Fl.(2)W.R.G. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	127 39	W. 11 R. 8 G. 8	White square concrete house, white lantern; 19.	G. 252°30'-267°30', W.- 281°, R.-288°30', W.- 000°, G.-135°, W.- 252°30'.
9728 K 3254	-Albany Rock.	10° 43.2' S 142° 37.7' E	Fl.W.R.G. period 5s fl. 1s, ec. 4s	99 30	W. 11 R. 8 G. 8	Square concrete house, white lantern; 20.	W. 121°-131°30', R.-139°, G.-147°30', W.-167°, R.-210°, G.-292°, W.- 302°30', R.-312°30', G.-324°, W.-337°, R.- 048°, G.-121°.
9732 K 3252	-Wyborn Reef.	10° 49.2' S 142° 46.5' E	Fl.(4)W.R. period 20s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 15s	70 21	W. 11 R. 8	Stainless steel framework tower on concrete piles; 69.	R. 133°-143°, W.-133°. R. sector should not be relied upon as an aid to navigation between Mid Rock and Quetta Rock.
9736 K 3250	Cairncross Islets.	11° 14.4' S 142° 55.2' E	Fl.(3)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	88 27	10	Red steel framework tower, white hut; 69.	
9740 K 3248	Hannibal Islands.	11° 35.4' S 142° 56.7' E	Fl.(2)W. period 8s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	85 26	10	Red steel framework tower, white hut; 72.	
9744 K 3244	Clerke Island.	11° 58.5' S 143° 17.4' E	Fl.W.R. period 2.5s	69 21	W. 10 R. 7	Metal framework tower; 69.	W. 142°-034°, R.-117°, obsc.-137°, R.-142°.
9748 K 3243	Moody Reef.	12° 05.2' S 143° 15.4' E	Fl.(2)W.R. period 10s	26 8	W. 10 R. 8	White hut on concrete column.	W. 251°-208°, R.-251°.
9752 K 3242.5	Inset Reef.	12° 15.0' S 143° 16.0' E	Fl.W. period 7.5s fl. 0.5s, ec. 7s	26 8	10	Beacon on concrete column.	
9756 K 3242	Piper Reef.	12° 15.2' S 143° 14.8' E	Fl.(4)W. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	39 12	10	Steel framework tower on concrete piles; 39.	
RACON G(- - •)							
9760 K 3241	Weymouth Bay, Eel Reef.	12° 24.6' S 143° 22.3' E	Fl.W.R. period 5s fl. 1s, ec. 4s	30 9	W. 10 R. 7	Iron framework tower, orange lantern; 26.	R. 009°-037°, W.-009°. Radar reflector.
9764 K 3240.4	-Middle Reef.	12° 31.5' S 143° 23.7' E	Fl.(3)W.R. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	26 8	W. 11 R. 8	White hut on white column; 26.	W. 160°-152°, R.-160°.
9768 K 3240	Restoration Rock.	12° 37.4' S 143° 27.7' E	Fl.(2)W. period 8s	125 38	10	White cabinet; 16.	
9769 K 3239	Quintal Beach Range, front.	12° 47.7' S 143° 21.5' E	Q.Y.			White triangular daymark, point up.	
9770 K 3239.1	-Rear, 63 meters 305° from front.	12° 47.7' S 143° 21.4' E	Iso.W. period 2s			White triangular daymark, point down.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
9772 K 3238	Wye Reef.	12° 48.5' S 143° 36.4' E	Fl.(3)W. period 15s	23 7	10	Beacon.	
9773 K 3233.15	Sunk Reef.	12° 51.2' S 143° 38.5' E	Iso.W. period 3s	39 12	10	White hut on white pile.	Radar reflector.
9773.1 K 3233.32	Frederick Patches.	12° 52.3' S 143° 38.2' E	Fl.G. period 2.5s	39 12	10	White hut on white pile.	Radar reflector.
9774 K 3235.575	Robin Reef.	12° 52.7' S 143° 41.8' E	Fl.(2)W.R. period 8s fl. 1s, ec. 2s fl. 1s, ec. 4s	39 12	W. 14 R. 11	White fiberglass tower on white pile.	R. 112°-150°, W.-327°, R.-340°, W.-112°.
9776 K 3236	Chapman Island.	12° 53.2' S 143° 35.7' E	Fl.W.R. period 5s	59 18	W. 11 R. 7	Steel framework tower; 46.	R.134°-157°, W.-134°.
9779 K 3235.57	Osborne Reef.	12° 59.7' S 143° 43.5' E	Fl.W.R. period 7.5s	72 22	W. 10 R. 8	White hut on white pile.	R. 342°-150°, W.-342°.
9779.1 K 3233.53	Colclough Reef.	13° 05.3' S 143° 45.0' E	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	39 12	6	White hut on white pile.	
9780 K 3234	Waterwitch Reef.	13° 09.0' S 143° 37.1' E	Fl.(4)W. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	59 18	11	Steel framework tower; 62.	
9781 K 3235.05	Diamond Reign Reefs.	13° 11.6' S 143° 47.5' E	Fl.(2)W.R.G. period 8s fl. 1s, ec. 2s fl. 1s, ec. 4s	72 22	W. 14 R. 11 G. 11	White fiberglass tower on white pile.	R. 167°-174°, W.-309°, G.-328°, W.-332°, R.-350°, W.-167°.
RACON			K(- • -)				
9786 K 3233.4	First Three Mile.	13° 26.2' S 143° 58.1' E	Fl.W. period 5s	46 14	10	White hut on white pile.	Obscured 160°-320°.
9788 K 3232	Heath Reef, near center.	13° 28.6' S 143° 40.8' E	Fl.(3)W.R. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	36 11	W. 10 R. 8	White structure on piles.	R. 182°-217°, W.-182.
9792 K 3230	Fife Island.	13° 39.3' S 143° 43.0' E	Fl.W. period 2.5s	18 5	10	White square steel house; 12.	Partially obscured by trees 208°-266°, 313°-333°.
9794 K 3233.325	South Creech Reef.	13° 39.7' S 144° 06.0' E	Fl.(3)W. period 15s fl. 1.5s, ec. 1.5s fl. 1.5s, ec. 1.5s fl. 1.5s, ec. 7.5s	46 14	10	White hut on white pile.	Radar reflector.
9796 K 3229	Magpie Reef, W. end.	13° 48.4' S 143° 44.9' E	Fl.W.R. period 7.5s	26 8	W. 11 R. 8	White structure on concrete column; 13.	R. 320°-337°, W.-320°.
9800 K 3228	Hannah Island.	13° 51.9' S 143° 42.8' E	Fl.(3)W. period 15s	79 24	10	Red steel framework tower; 74.	Partially obscured 328°-332°.
9801 K 3223.2	Corbett Reef.	13° 54.1' S 144° 14.3' E	Fl.W. period 7.5s fl. 1s, ec. 6.5s	69 21	14	White fiberglass tower on deck of four white piles.	
RACON			B(- • • •)				
9802 K 3227.5	Iris Reef.	13° 58.1' S 143° 50.2' E	Fl.W.R.G. period 10s fl. 1s, ec. 9s	43 13	W. 14 R. 11 G. 10	Red fiberglass tower on metal platform on three piled structure; 36.	G. 129°-144°, W.-148°, R.-155°, W.-129°.
9804 K 3227	Fahey Reef.	14° 03.9' S 143° 51.4' E	Fl.(3)W. period 12s	27 8	10	White concrete column, red hut; 23.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
9808 K 3226.6	Eden Reef.	14° 04.7' S 143° 55.0' E	Fl.(4)W.R. period 16s	23 7	W. 10 R. 7	White hut on concrete column; 20.	R. 121°-133°, W.-121°.
	RACON		O(---)			9	(3 & 10cm)
9812 K 3226	Wharton Reef.	14° 07.6' S 144° 00.4' E	Fl.W.R.G. period 5s	46 14	W. 10 R. 7 G. 7		G. 084°-097°, W.-126°, R.- 229°, W.-084°.
9816 K 3225	King Island.	14° 05.3' S 144° 19.9' E	Fl.W. period 10s	56 17	10	Red metal framework tower; 50.	
9820 K 3224	Pipon Islands.	14° 07.7' S 144° 30.9' E	Fl.(3)W.R. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	85 26	W. 10 R. 7	Silver metal framework tower; 82.	R. 059°-082°, W.-287°, R.- 301°, W.-059°.
9822 K 3223	Fairway Channel.	13° 54.0' S 144° 17.2' E	V.Q.(9)W. period 10s			W. CARDINAL YBY, pillar, topmark.	
	RACON		B(-...)				
9824 K 3222	South Barrow Islet.	14° 20.9' S 144° 39.2' E	Fl.W.R.G. period 5s	86 26	W. 10 R. 7 G. 7	White square concrete tower; 10.	G. 275°-290°, W.-305°, R.- 315°, W.-275° except where obscured by shore.
9828 K 3221.4	Watson Island.	14° 27.6' S 144° 53.5' E	Fl.(4)W. period 16s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 9.5s	20 6	9	White hut on concrete column; 16.	
9830 K 3219.5	Miles Reef.	14° 32.4' S 144° 55.1' E	Fl.(2)W. period 8s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	21 6	10	White hut on concrete column; 16.	
9832.1 K 3221.1	Megaera Reef.	14° 28.7' S 144° 57.0' E	Fl.W.R.G. period 2.5s fl. 0.5s, ec. 2s	30 9	W. 9 R. 7 G. 7	White fiberglass structure on piled stainless steel platform, with helideck and walkway; 33.	R. 121°-131°, W.-270°, G.- 280°, W.-121°.
9836 K 3220	Howick Island.	14° 29.4' S 144° 58.7' E	Fl.(3)W.G. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	23 7	W. 10 G. 7	White hut on concrete column; 20.	G. 090°-100°, W.-090°.
9840 K 3219	Coquet Island.	14° 32.5' S 144° 59.2' E	Fl.W. period 5s	85 26	14	Red framework tower, white hut; 72.	
9844 K 3217	Pethebridge Islet.	14° 43.9' S 145° 06.0' E	Fl.(2)W. period 10s	20 6	10	White hut; 10.	Visible 106°-067°.
9848 K 3216	Palfrey Islet.	14° 41.6' S 145° 26.5' E	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	261 80	14	White square concrete tower; 29.	Visible 356°-190°, obscured elsewhere.
9850 K 3215.5	Maxwell Reef.	14° 47.1' S 145° 18.9' E	Fl.W.R. period 10s fl. 1s, ec. 9s	30 9	W. 10 R. 7	Single piled structure with white fiberglass cabinet on stainless steel platform; 26. Helicopter platform.	R. 140°-152°, W.-140°.
9852 K 3215	Decapolis Reef.	14° 51.2' S 145° 16.3' E	Fl.W. period 2.5s	20 6	10	White hut on concrete structure; 16.	Radar reflector.
9862 K 3214.3	-Cape Flattery.	14° 59.1' S 145° 21.2' E	Mo.(U)W. period 10s	26 8		Red beacon.	In line 215° with unlit beacon on elbow of Cape Flattery Wharf.
9862.2 K 3214.25	--Wharf, N. end.	14° 59.2' S 145° 21.1' E	Mo.(U)W. period 10s	26 8			
9862.4 K 3214.2	---Off S. end.	14° 59.3' S 145° 21.2' E	Mo.(U)W. period 10s	26 8			

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
9864 K 3214	Three Isles.	15° 06.8' S 145° 25.0' E	Fl.(3)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	88 27	15	Red steel framework tower, white fiberglass hut; 79.	DGPS Station.
ENDEAVOUR RIVER:							
9868 K 3208	-Grassy Hill.	15° 28.0' S 145° 15.0' E	Fl.(2)W. period 6s fl. 0.3s, ec. 1s fl. 0.3s, ec. 4.4s	530 162	9	White round tower, red dome; 20.	Visible 192°-315°, obscured elsewhere. Aero Radiobeacon 1.5 miles S.
9872 K 3210	-Port of Cooktown Entrance, E. side.	15° 27.7' S 145° 14.8' E	Fl.(2)W. period 6s		4	Beacon.	Channel marked by beacons 1 thru 6, port and starboard marks, Fl.R. 2.5s and Fl.G. 2.5s, respectively.
9876 K 3210.1	--W. side.	15° 27.9' S 145° 14.6' E	Fl.(2)W. period 6s		4	Beacon.	
9880 K 3207	Egret Reef.	15° 28.7' S 145° 24.3' E	Fl.W. period 5s	26 8	10	White hut on concrete column.	Radar reflector.
9881 K 3207.5	Dawson Reef.	15° 30.2' S 145° 19.4' E	Q.(9)W. period 15s			W. CARDINAL YBY, beacon, topmark.	
9884 K 3206	Bougainville Reef.	15° 30.0' S 147° 07.5' E	Fl.W. period 5s	49 15	10	White metal framework tower on concrete piles; 65.	
9886 K 3206.5	Willis Islets.	16° 17.8' S 149° 58.5' E	Fl.W. period 2s	59 18		Radio mast on building.	
9886.5 K 3206.6	Lihou Reef.	17° 07.8' S 152° 08.5' E	Fl.W. period 10s fl. 1s, ec. 9s	108 33	17	Red fiberglass tower on metal framework tower on piles; 111.	
RACON							
9887 K 3206.7	East Diamond Islet.	17° 26.2' S 151° 04.4' E	Fl.W. period 5s	95 29	14	Framework tower, white hut; 75.	
RACON							
9888 K 3200	Archer Point.	15° 35.6' S 145° 19.7' E	Fl.(4)W.R.G. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	213 65	W. 17 R. 13 G. 17	White lantern on gray square concrete tower; 19.	W. 153°-276°, G.-305°, W.-313°, R.-320°, G.-334°, W.-338°, R.-358°.
9892 K 3196	Gubbins Reef.	15° 42.6' S 145° 23.8' E	Fl.(3)W. period 15s	23 7	10	White hut on white concrete column; 23.	
RACON							
9893 K 3195.9	Pickersgill Reef.	15° 51.5' S 145° 33.3' E	Fl.(2)W. period 10s	26 8	10	White hut on white concrete column; 23.	
9893.3 K 3195.95	Bloomfield River.	15° 55.3' S 145° 21.8' E	Fl.W. period 3s			White beacon.	
9894 K 3195.8	Undine Reef.	16° 06.7' S 145° 38.2' E	Fl.W. period 2.5s			Beacon, white square topmark.	
9896 K 3194	Low Islets.	16° 23.1' S 145° 33.5' E	Fl.W. period 10s	65 20	17	White round tower, red dome; 60.	
9898 K 3189	Mossman River.	16° 26.0' S 145° 24.3' E	Fl.W. period 2.5s				
PORT DOUGLAS:							
9900 K 3186	-Island Point.	16° 28.9' S 145° 28.0' E	Fl.(4)W.R. period 20s	295 90	W. 14 R. 11	Metal framework tower; 85.	W. 162°-285°, R.-325°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
9901 K 3188	-Entrance Range, front.	16° 28.9' S 145° 27.5' E	Q.Y.			White triangular daymark, black stripe, point up.	Channel marked by lighted port and starboard buoys and beacons.
9902 K 3188.1	--Rear, 280 meters 212° from front.	16° 29.1' S 145° 27.4' E	Iso.W. period 2s			White triangular daymark, black stripe, point down.	
9903.5 K 3185	Palm Beach, jetty, head.	16° 44.5' S 145° 40.3' E	F.G.				
9903.6 K 3184.5	Half Moon Bay Marina, Range, front.	16° 48.1' S 145° 42.9' E	Q.Bu.			Beacon, triangular daymark, point up.	
9903.61 K 3184.51	-Rear, 222° from front.	16° 48.2' S 145° 42.9' E	Iso.Bu. period 2s			Beacon, triangular daymark, point down.	
9903.7 K 3184.3	-Beacon No. 2.	16° 47.9' S 145° 43.2' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	
9903.75 K 3184.35	--No. 1.	16° 47.7' S 145° 43.2' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	Fl.G. 2.5s marks W. breakwater. Fl.R. 2.5s marks N. breakwater.
CAIRNS HARBOR:							
9906 K 3172.3	-Channel Range, front, T1.	16° 54.8' S 145° 47.0' E	Q.W.			Beacon, rectangular daymark.	FW. by day (occasional).
			Fl.Y. period 4s				
9908 K 3172.31	--Rear, 930 meters 209°12' from front.	16° 55.2' S 145° 46.8' E	Al.F.W.R.G. period 4s	59 18	11		F.G. 208°51'-209°03', Al.W.G.-209°12', F.W.- 209°18', Al.W.R.- 209°27', F.R.-209°39'.
9910 K 3173	--C1.	16° 50.0' S 145° 50.0' E	V.Q.(3)W. period 5s			E. CARDINAL BYB, topmark.	
9912 K 3173.2	--C2.	16° 50.1' S 145° 49.8' E	Fl.R. period 4s			PORT (A) R, topmark.	
9916 K 3180	-Inner Cutting Range, front.	16° 54.3' S 145° 47.2' E	Q.R.				
			Fl.G. period 3s				
9920 K 3180.1	--Rear, 700 meters 013°03' from front.	16° 53.9' S 145° 47.3' E	Iso.R. period 2s				
			Fl.G. period 3s				
9924 K 3182	-Senrab Point.	16° 56.0' S 145° 47.0' E	F.G.				
9928 K 3183	-Admiralty Island.	16° 57.0' S 145° 47.0' E	Fl.R. period 2.5s		3	Beacon.	
9932 K 3184	-Cairns AVIATION LIGHT.	16° 52.6' S 145° 45.3' E	Al.FI.W.G. period 7.5s	161 49	10	Tower.	
9948 K 3166	Euston Reef, W. side.	16° 41.2' S 146° 14.8' E	Fl.(4)W. period 20s	56 17	10	Metal framework tower, white hut; 52.	
	RACON		K(- • -)		11		(3 & 10cm)
9950 K 3167	Arlington Reef.	16° 43.5' S 146° 06.6' E	Fl.W. period 5s	30 9	10	White hut on concrete column; 23.	Radar reflector.
9952 K 3170.2	Green Island, outer channel.	16° 45.7' S 145° 58.0' E	Fl.G. period 4s				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
9956 K 3168	Little Fitzroy Island.	16° 55.4' S 146° 00.4' E	Fl.(3)W.R.G. period 15s fl. 0.1s, ec. 2.4s fl. 0.1s, ec. 2.4s fl. 0.1s, ec. 9.9s	108 33	W. 15 R. 12 G. 12	White fiberglass hut; 13.	G. 197°-214°, W.-223°, R.- 240°, W.-020°, obsc.- 083°, W.-197°.
9962	Stagg Patches Buoy. RACON	17° 00.9' S 146° 07.5' E	Q.(9)W. period 15s O(---)			W. CARDINAL YBY, pillar, topmark.	
9964 K 3162	Russell Island.	17° 13.9' S 146° 05.7' E	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	249 76	10	Red metal framework tower, white hut; 56.	
9965 K 3163	Russell Heads.	17° 13.3' S 145° 58.1' E	Fl.W. period 2.5s	17 5			
9967 K 3157	Rocky Point.	17° 21.6' S 146° 01.9' E	Q.W.			N. CARDINAL BY, beacon, topmark.	
9968 K 3150	-Flying Fish Point.	17° 30.0' S 146° 05.0' E	Fl.W. period 2.5s	10 3	5	White beacon, rectangular daymark.	
9972 K 3140	Mourilyan Harbor, approach.	17° 35.6' S 146° 08.3' E	Fl.Y. period 2.5s			SPECIAL Y, beacon, topmark.	
9974 K 3140.5	-Entrance.	17° 36.0' S 146° 08.0' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	
9976 K 3142	-Entrance Range, front.	17° 36.1' S 146° 07.2' E	FR. (neon)		4	Red triangular daymark, orange border.	Visible 262°-284°. F.W. shown by day.
9980 K 3142.1	--Rear, 287 meters 269°53' from front.	17° 36.1' S 146° 07.0' E	FR. (neon)		4	Red triangular daymark, orange border.	Visible 262°-284°. F.W. shown by day.
9984 K 3141	-Entrance on Hall Rock.	17° 36.0' S 146° 08.0' E	Q.W.		6	N. CARDINAL BY, beacon, topmark.	
9985 K 3144	-Goodman Point, N. entrance.	17° 36.0' S 146° 07.7' E	Fl.G. period 2s			Green beacon, triangular daymark.	
9986 K 3145	-S. entrance.	17° 36.1' S 146° 07.7' E	Fl.R. period 2s			Beacon, square daymark.	
9987 K 3146	-Camp Point.	17° 36.1' S 146° 07.6' E	Fl.W. period 2.5s			Beacon.	
9988 K 3138	Kent Island.	17° 40.7' S 146° 10.8' E	Fl.W. period 5s	298 91	10	Square concrete house, white lantern; 16.	Visible 137°-100°, faintly visible elsewhere.
9993 K 3137.2	-Clump Point.	17° 51.2' S 146° 07.0' E	Fl.W. period 2.5s			Pile.	
9998 K 3133	Rockingham Bay.	17° 59.5' S 146° 04.6' E	Fl.W. period 2.5s			White beacon, square daymark.	
9999 K 3121.5	Meunga Creek Entrance.	18° 13.9' S 146° 01.1' E	Q.Y.			SPECIAL Y, beacon, topmark.	
10000 K 3132	Brook Islands, summit of South Island.	18° 09.5' S 146° 18.2' E	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	171 52	10	Framework tower, white hut; 49.	Obscured by North Island 122°-132°.
10004 K 3120.5	Pith Reef. RACON	18° 13.2' S 147° 01.4' E	Fl.(3)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s G(---•)	92 28	10 16	Framework tower on piles; 82.	

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AUSTRALIA-EAST COAST							
10008 K 3120.7	-Rib Reef.	18° 28.8' S 146° 52.9' E	Fl.(2)W. period 8s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	30 9	10	White fiberglass hut on concrete tower; 30.	
	-RACON		C(- • - •)				
HINCHINBROOK CHANNEL:							
10012 K 3124	-Lucinda Point, Range, front.	18° 31.5' S 146° 20.4' E	F.R.	26 8		Conveyor gallery, triangular daymark, point up.	F.W. by day.
10016 K 3124.1	--Rear, 775 meters 247°30' from front.	18° 31.6' S 146° 20.1' E	F.R.	59 18		Tower, triangular daymark, point down; 69.	F.W. by day.
10020 K 3126	-New jetty, E. end.	18° 31.2' S 146° 23.1' E	Fl.G. period 5s		6		
10024 K 3128	-Lucinda pier.	18° 31.0' S 146° 20.0' E	F.G.	39 12		Tower.	Tide gauge.
10025 K 3129	Victoria Creek.	18° 37.1' S 146° 21.3' E	Fl.W. period 3s			Beacon, white triangular daymark, point up.	
10025.4 K 3128.5	Orpheus Island.	18° 38.0' S 146° 29.5' E	Fl.G. period 3s			STARBOARD (A) G, beacon, topmark.	
10026 K 3119	-Halifax Bay, Allingham.	18° 42.5' S 146° 17.9' E	Fl.W. period 2.5s			On water tower; 108.	
10028 K 3120	Albino Rock.	18° 46.4' S 146° 43.3' E	Fl.(3)W. period 20s	85 26	14	White square concrete tower; 16.	
10029 K 3118	Halifax Bay, pipeline.	19° 09.3' S 146° 38.1' E	Q.(2)W. period 4s	15 5			Marks seaward end of pipeline. Shore end marked by 2 beacons, Fl.R. 3s.
10030 K 3117	Bay Rock.	19° 07.0' S 146° 45.2' E	Fl.(2)W. period 8s				
MAGNETIC ISLAND:							
10034 K 3115	-Arcadia Range, front.	19° 09.2' S 146° 52.0' E	Q.W.				
10034.1 K 3115.1	--Rear, 430 meters 326.5° from front.	19° 09.1' S 146° 51.9' E	F.R.				
10040 K 3112	-NW. of Middle Reef.	19° 12.0' S 146° 48.0' E	Q.(9)W. period 15s	14 4	3	W. CARDINAL YBY, topmark.	
10044 K 3111	-Middle Reef, E. end.	19° 12.0' S 146° 49.0' E	Q.(3)W. period 10s	13 4	3	E. CARDINAL BYB, topmark.	
10048 K 3110	-Picnic Bay.	19° 11.0' S 146° 51.0' E	Fl.R. period 2.5s	10 3		Red square daymark on pile.	
10050 K 3112.2	Cape Pallarenda.	19° 11.8' S 146° 46.5' E	Fl.(2)W. period 8s			ISOLATED DANGER BRB, beacon, topmark.	
10052 K 3096	Townsville AVIATION LIGHT.	19° 15.4' S 146° 46.2' E	Al.Fl.W.R. period 7.5s W. fl. 0.2s, ec. 3.6s R. fl. 0.2s, ec. 3.5s	36 11	W. 28 R. 24		Occasional. Aero Radiobeacon 1260 meters NW.
10053 K 3096.4	-Approach.	19° 07.6' S 146° 54.6' E	Q.W.			N. CARDINAL BY, beacon, topmark.	
10056 K 3097	-Sea Channel Range, front, P4.	19° 11.8' S 146° 51.9' E	Q.W.			PORT (A) R, beacon, topmark.	F.W. by day.
			Fl.R. period 4s				

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AUSTRALIA-EAST COAST							
10060 <i>K 3097.01</i>	--Rear, 0.5 mile 201°30' from front.	19° 12.2' S 146° 51.7' E	Iso.W. period 2s Fl.(2)W. period 6s			ISOLATED DANGER Beacon, topmark.	F.W. by day.
10061 <i>K 3096.5</i>	--Sea Channel S2.	19° 08.5' S 146° 53.4' E	Q.R.			PORT (A) R, beacon, topmark.	Sea Channel marked by beacons S4 to S12.
10062 <i>K 3100</i>	--Platypus Channel Range, front.	19° 14.9' S 146° 49.8' E	F.Bu. Q.R. Iso.W. period 4s			SAFE WATER RW, beacon, topmark.	F.W. by day.
10062.1 <i>K 3100.1</i>	--Rear, 0.74 mile 211°30' from front.	19° 15.6' S 146° 49.4' E	F.Bu. Iso.R. period 2s				F.W. by day.
10063 <i>K 3097.4</i>	--Platypus Channel P1.	19° 11.5' S 146° 52.0' E	Q.G.			STARBOARD (A) G, beacon, topmark.	Platypus Channel marked by lighted port and starboard beacons P2 to P14.
10063.2 <i>K 3106.2</i>	--Outer Range, front.	19° 13.9' S 146° 50.5' E	Dir.Q.W. Fl.G. period 4s			Rectangular daymark.	F.W. by day (occas.).
10063.21 <i>K 3106.21</i>	--Rear, 115 meters 020°21' from front.	19° 13.8' S 146° 50.5' E	Fl.(2)W. period 6s Dir.Iso.W. period 2s			Rectangular daymark.	F.W. by day (occas.).
10063.4 <i>K 3106</i>	--Outer Harbor Range, front.	19° 14.8' S 146° 50.3' E	Q.Bu.				F.W. by day (occas.). Visible 181°42'-186°42'.
10063.41 <i>K 3106.01</i>	--Rear, 40 meters 184°14' from front.	19° 14.8' S 146° 50.3' E	Iso.Bu. period 2s				F.W. by day (occas.). Visible 181°42'-186°42'.
10063.6 <i>K 3101.8</i>	--P13, Inner departure range, front.	19° 14.1' S 146° 50.3' E	Q.Bu. Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	F.W. by day (occas.).
10063.61 <i>K 3101.81</i>	--Rear, 100 meters 004°23' from front.	19° 14.1' S 146° 50.3' E	Iso.Bu. period 2s Fl.(2)W. period 4s				Occasional. F.W. by day (occas.).
10063.8 <i>K 3106.1</i>	--Transit Range, front.	19° 14.4' S 146° 50.4' E	Fl.Y. period 2.5s			Rectangular daymark.	
10063.81 <i>K 3106.11</i>	--Rear, 20 meters 092° from front.	19° 14.4' S 146° 50.4' E	Fl.Y. period 2.5s			Rectangular daymark.	
--Townsville Harbor:							
10064 <i>K 3103</i>	--E. breakwater, P16.	19° 14.6' S 146° 50.0' E	Q.R.			PORT (A) R, beacon, topmark.	
10068 <i>K 3104</i>	--W. breakwater, P15.	19° 14.7' S 146° 50.0' E	Q.G.			STARBOARD (A) G, beacon, topmark.	
10070 <i>K 3109.22</i>	--Reclamation area, N. elbow.	19° 15.4' S 146° 50.7' E	Fl.Y. period 2.5s				
10070.1 <i>K 3109.25</i>	--S. elbow.	19° 15.6' S 146° 50.6' E	Fl.Y. period 2.5s				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
10082 K 3112.4	--Casino Marina Range front.	19° 15.1' S 146° 49.3' E	F.Bu.				F.W. by day.
10082.1 K 3112.41	--Rear, 90 meters 206°20' from front.	19° 15.2' S 146° 49.3' E	F.Bu.				F.W. by day.
10092 K 3109.2	--Ross River Channel, No 2.	19° 15.2' S 146° 51.0' E	Fl.R. period 2.5s			PORT (A) Beacon, topmark.	Channel marked by beacons.
10096 K 3092.1	-Cape Cleveland.	19° 11.1' S 147° 00.9' E	Fl.W.R. period 7.5s fl. 0.1s, ec. 7.4s	210 64	W. 15 R. 12	White round tower, red cupola; 36.	R. 259°-286° (over Four Foot Rock), W.-321°, obsc.- 342°, W.-259°.
10104 K 3091	Cape Ferguson.	19° 17.0' S 147° 03.0' E	Fl.W. period 4s fl. 0.4s, ec. 3.6s	23 7	12	White rectangular daymark; 13.	
10108 K 3090	Cape Bowling Green.	19° 19.6' S 147° 25.5' E	Fl.(4)W. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	118 36	11	White metal framework tower, red band; 105.	
	RACON		O(---)		14		
10112 K 3089	Ocean Creek.	19° 29.4' S 147° 30.7' E	Fl.W. period 2.5s				
10120 K 3085	Cape Upstart.	19° 45.0' S 147° 45.0' E	Fl.W. period 4s		3		
10124 K 3088	Upstart Bay.	19° 44.7' S 147° 35.7' E	Iso.W. period 2s	23 7			Visible 265°30'-268°30'.
10124.2 K 3086	-Molongle Creek.	19° 50.0' S 147° 42.4' E	Fl.W. period 2.5s				Visible 167°-173°.
10125 K 3083.1	Abbot Point, W. approach Range, front.	19° 53.0' S 148° 05.0' E	F.Bu.	73 22	5		F.W. by day.
10125.2 K 3083	-Rear, 300 meters 164° from front.	19° 53.0' S 148° 04.7' E	F.Bu.	139 42	5		F.W. by day. This light is also the front range light for following rear light.
10125.4 K 3082.9	--E. approach, rear 575 meters 225° from front.	19° 53.2' S 148° 04.5' E	Fl.W. period 4s	180 55	12		F.W. by day.
10126 K 3083.4	-Wharf approach Range, common front.	19° 51.0' S 148° 05.0' E	F.G.				F.W. by day.
10126.2 K 3083.39	--Rear, 200 meters 273°08' from front.	19° 51.5' S 148° 05.0' E	F.G.				F.W. by day.
10126.4 K 3083.41	--Rear, 200 meters 124°08' from front.	19° 51.6' S 148° 05.1' E	F.G.				F.W. by day.
10128 K 3069	Holbourne Island.	19° 43.7' S 148° 21.7' E	Fl.(3)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	377 115	10	White hut; 7.	
10128.5 K 3069.2	Nares Rock.	19° 46.3' S 148° 21.6' E	Fl.(2)W. period 5s			ISOLATED DANGER BRB, beacon, topmark.	
10130 K 3082	North Rock.	19° 58.3' S 148° 15.7' E	Q.(3)W. period 10s			E. CARDINAL BYB, beacon, topmark.	
PORT DENISON:							
10133 K 3070	-Sinclair Head, Stone Island.	20° 01.9' S 148° 17.6' E	Fl.W. period 4s	87 27	10	White beacon.	
10134 K 3070.5	-N. Entrance, N2.	20° 01.3' S 148° 17.0' E	Iso.W. period 2s			SAFE WATER RW, beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
10136 <i>K 3078</i>	-Bowen Range, front.	20° 01.5' S 148° 15.1' E	F.G.	20 6	4		F.W. by day.
10140 <i>K 3078.1</i>	--Rear, inshore end of pier 785 meters 329° from front.	20° 01.1' S 148° 14.8' E	F.G.	38 12	4		F.W. by day.
10144 <i>K 3076</i>	-Bowen, S. Entrance Range, front.	20° 01.4' S 148° 14.5' E	F.Bu. (neon)	12 4	5	Beacon, white triangular daymark, point up.	F.W. by day (occas.).
10148 <i>K 3076.1</i>	--Rear, 982 meters 315°28' from front.	20° 01.0' S 148° 14.1' E	F.Bu. (neon)	115 35	12	Beacon, white triangular daymark, black stripe, point down.	Shows F.W. by day occasionally.
10150 <i>K 3074</i>	-Mount Bramstron.	20° 04.0' S 148° 15.5' E	Q.W.	26 8	7	Orange triangular daymark, point up.	
10156	Cape Gloucester.	20° 04.9' S 148° 29.8' E	Q.(9)W. period 15s			W. CARDINAL YBY, beacon, topmark.	
10160 <i>K 3066.8</i>	Bird Island.	20° 05.0' S 148° 52.0' E	Q.(9)W. period 15s	46 14	5		
10161 <i>K 3066.81</i>	Langford Island, reef, S. side.	20° 05.8' S 148° 52.7' E	Q.(6)+L.Fl.W. period 15s			S. CARDINAL YB, beacon, topmark.	E. side of reef marked by Fl.G. 2.5s.
10164 <i>K 3067.4</i>	Pinnacle Point, on Hook Island.	20° 04.0' S 148° 58.0' E	Fl.(4)W. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	70 21	10	White fiberglass hut; 7.	Visible 113°-326°.
10165 <i>K 3064.7</i>	Macona Inlet.	20° 10.1' S 148° 55.2' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	
10166 <i>K 3068</i>	Eshelby Island.	20° 01.0' S 148° 37.5' E	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	183 56	10	White hut; 13.	
10170 <i>K 3066.57</i>	Pioneer Bay.	20° 16.0' S 148° 41.4' E	Fl.Y. period 2.5s			SPECIAL Y, beacon, topmark.	Marks outer end of pipeline.
10172 <i>K 3066.5</i>	Pioneer Rocks.	20° 14.0' S 148° 45.0' E	Fl.(2)W. period 6s	16 5	4	ISOLATED DANGER BRB, beacon, topmark.	
10176 <i>K 3066.4</i>	West Molle Island Range, front.	20° 15.1' S 148° 48.9' E	F.Bu.		5	Orange triangular daymark, point up.	F.W. by day.
10180 <i>K 3066.41</i>	-Rear, 240°30' from front.	20° 15.1' S 148° 48.9' E	F.Bu.		5	Orange triangular daymark, point down.	F.W. by day.
10182 <i>K 3066.35</i>	Shute Harbor Range, front.	20° 17.6' S 148° 47.2' E	F.Bu.				F.W. by day.
10182.1 <i>K 3066.36</i>	-Rear, 261° from front.	20° 17.7' S 148° 47.1' E	F.Bu.				F.W. by day.
10184 <i>K 3064.5</i>	Cid Island.	20° 17.0' S 148° 54.0' E	Fl.W. period 6s	40 12	3		
10188 <i>K 3065.8</i>	The Beak.	20° 16.8' S 148° 48.1' E	Fl.W.R. period 4s	62 19	5	Red and yellow tower.	W. 154°-198°, R.-225°, W.-334°, R.-154°. F.W. on radio mast 2.2 miles NE.
10192 <i>K 3066</i>	Low Rock, N. side.	20° 17.0' S 148° 48.0' E	Q.W.			N. CARDINAL BY, topmark.	
10192.2 <i>K 3066.03</i>	-E. side.	20° 17.3' S 148° 48.1' E	Q.(3)W. period 10s			E. CARDINAL BYB, topmark.	
10192.4 <i>K 3066.05</i>	-S. side.	20° 17.3' S 148° 48.1' E	Q.(6)+L.Fl.W. period 15s			S. CARDINAL YB, topmark.	
10192.6 <i>K 3066.07</i>	-W. side.	20° 17.3' S 148° 48.0' E	Q.(9)W. period 15s			W. CARDINAL YBY, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
10195	Shute Harbor.	20° 17.6' S 148° 47.2' E	Fl.Y. period 3s			SPECIAL Y, beacon, topmark.	
10196 K 3066.24	Repair Island, No. 4.	20° 17.7' S 148° 47.4' E	Fl.R. period 2.5s			PORT (A) R, beacon, topmark.	
10200 K 3066.6	Edward Island.	20° 15.2' S 149° 10.4' E	Fl.W. period 5s	358 109	9	White hut; 12.	
10202 K 3064.2	Hamilton Island, AVIATION LIGHT.	20° 22.4' S 148° 57.2' E	Oc.R. period 1.5s				Occasional.
10204 K 3064	Dent Island, Whitsunday Passage.	20° 22.0' S 148° 56.0' E	Fl.W. period 5s fl. 1s, ec. 4s	121 37	10	White round iron tower, red dome; 33.	Visible 335°-167°. F.W. on Molle Island 8.5 miles NW.
10208 K 3063	Lindeman Island.	20° 27.7' S 149° 02.1' E	Fl.W.R. period 4s	116 35	3		W. 260°-316°, R.-025°, W.- 110°, R.-125°. W.-139°, obsc.-260°. Fl.R. and Fl.G. beacons mark entrance channel 0.5 mile E.
10208.5 K 3062.8	Spitfire Rock.	20° 28.6' S 149° 01.7' E	Q.(9)W. period 15s			W. CARDINAL YBY, beacon, topmark.	
10209 K 3062.2	Platypus Rock.	20° 31.3' S 149° 02.3' E	V.Q.(9)W. period 10s			W. CARDINAL YBY, beacon, topmark.	
10210 K 3062.6	Repulse Bay Marina.	20° 36.0' S 148° 41.4' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	F.Bu. (F.W. by day) range lights 250° mark entrance.
10212 K 3062	Coppersmith Rock.	20° 36.1' S 149° 06.8' E	Fl.(2)W. period 8s	49 15	10		Obscured by Silversmith Island 142°-161°.
10212.5 K 3061.7	Io Reef.	20° 41.6' S 149° 07.7' E	Q.(9)W. period 15s			W. CARDINAL YBY, beacon, topmark.	
10213 K 3061	Mausoleum Island.	20° 51.6' S 148° 56.2' E	Fl.W. period 4s	60 18	7	White beacon.	
10214 K 3061.3	-W. side.	20° 51.8' S 148° 56.1' E	Fl.R. period 3s			PORT (A) R, beacon.	6 Fl.R. 3s beacons mark channel to Victor Creek.
10215 K 3061.2	Acacia Island.	20° 51.7' S 148° 55.8' E	Fl.G. period 2.5s	21 6	3	STARBOARD (A) G, beacon, topmark.	
10216 K 3060	Brampton Island.	20° 49.0' S 149° 15.0' E	Fl.W. period 6s	33 10	3		
10220 K 3016	Frederick Reefs, N. cay.	20° 56.7' S 154° 24.9' E	Fl.W. period 5s	108 33	10	Round metal tower, concrete base; 108.	
	RACON		C(- • - •)		16		
10222 K 3043	Saint Bees Island.	20° 56.4' S 149° 25.4' E	Fl.W. period 2.5s				
10222.2 K 3040	-Schooner Rock.	20° 54.1' S 149° 25.9' E	Q.W.			N. CARDINAL BY, beacon.	
10224 K 3048	Bailey Island.	21° 01.9' S 149° 32.9' E	Fl.W. period 5s fl. 1s, ec. 4s	118 36	15	White square concrete tower.	
10228 K 3049	Penrith Island.	21° 00.6' S 149° 54.3' E	Fl.(3)W. period 15s	492 150	16	White fiberglass hut on square masonry tower; 13.	
HYDROGRAPHERS PASSAGE:							
10229 K 3052	-Creal Reef.	20° 31.9' S 150° 22.6' E	Fl.W. period 7.5s	105 32	19	Orange square on N. and W. faces of metal framework tower on concrete pile structure.	
	-RACON		M(- -)		16		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
10229.5 K 3056	-Bugatti Reef.	20° 06.4' S 150° 17.4' E	Fl.(2)W. period 8s	30 9	10	White hut on concrete column.	
10230 K 3053	-Little Bugatti Reef.	20° 01.2' S 150° 15.4' E	Fl.W.R.G. period 5s	75 23	W. 17 R. 13 G. 13	Metal framework tower on concrete pile structure, orange square daymark; 79.	G. 190°-200°, W.-204°, R.-215°, W.-190°. Radar reflector.
10231 K 3054	-White Tip Reef Range, front.	19° 54.6' S 150° 16.8' E	Iso.W.R. period 5s	33 10	W. 13 R. 9	Orange square on concrete pile structure.	W. 170°-222°, R.-231°, W.-005°, R.-019°, partially obscured-170°.
10231.1 K 3054.1	--Rear, 2.04 km. 218° from front.	19° 55.6' S 150° 16.0' E	Fl.W. period 10s	121 37	20	Orange square on N. face of tower.	
			Fl.W. period 2s	115 35	15		Visible 214°-222°.
	--RACON		K(- • -)		17		
PIONEER RIVER:							
10240 K 3031	-E. Point.	21° 08.9' S 149° 13.2' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	Radar reflector.
MACKAY:							
10244 K 3032	-Outer harbor approach Range, front.	21° 06.6' S 149° 13.3' E	F.R.	45 14	12	Wooden framework structure, yellow triangular daymark, black stripe.	F.W. by day (occasional).
10248 K 3032.1	--Rear, 270 meters 288° from front.	21° 06.0' S 149° 13.2' E	F.R.	62 19	12	Wooden framework structure, yellow triangular daymark, black stripe, point down.	F.W. by day (occasional).
10252 K 3033	-Outer harbor entrance range, front, root of S. breakwater.	21° 06.6' S 149° 13.4' E	F.R.	36 11	5	Yellow triangular daymark, black stripe, point up; 39.	F.W. by day (occasional).
10256 K 3033.1	--Rear, 405 meters 248°20' from front.	21° 06.7' S 149° 13.1' E	F.R.	63 19	5	Yellow triangular daymark, black stripe, point down; 50.	F.W. by day (occasional).
10257 K 3034	--Range, front.	21° 06.4' S 149° 13.5' E	F.Bu.	20 6			F.W. by day on request.
10257.1 K 3034.1	---Rear, 156 meters 261°36' from front.	21° 06.4' S 149° 13.4' E	F.Bu.	69 21			F.W. by day on request.
10260 K 3036	-Forgan Smith Point.	21° 06.4' S 149° 13.9' E	Iso.G. period 2s	29 9	5	Concrete tower; 15.	
10268 K 3035	-Main Breakwater, Bagley Point.	21° 06.5' S 149° 13.9' E	Iso.R. period 2s	25 8	5	Concrete tower; 15.	
10272	-Main Breakwater, E. extremity.	21° 06.5' S 149° 14.0' E	Q.R.				
10276 K 3026	-AVIATION LIGHT.	21° 10.2' S 149° 10.5' E	Al.W.G. period 7s	55 17	12	Steel tower; 53.	F.R. lights on tower 3.1 miles NNW.
10282 K 3024	Hay Point.	21° 17.3' S 149° 16.5' E	Fl.(2)W. period 10s	255 78	20		Visible 165°-319°. DGPS Station.
10284 K 3025	Highwater Island, Range, front.	21° 17.7' S 149° 18.1' E	F.Bu.				F.W. by day.
10285 K 3024.41	-Rear, 30 meters 208°26' from front.	21° 17.7' S 149° 18.1' E	F.Bu.				F.W. by day.
10288 K 3023	Vernon Rocks.	21° 28.1' S 150° 18.5' E	Fl.W. period 2.5s fl. 0.5s, ec. 2s	59 18	9	White hut; 12.	
10292 K 3022	Pine Peak Island.	21° 31.3' S 150° 14.8' E	Fl.(2)W. period 6s fl. 0.1s, ec. 1.9s fl. 0.1s, ec. 3.9s	152 46	15	White structure on white rock; 11.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
10300 <i>K 3015</i>	Saumarez Reef, NE. Cay.	21° 38.0' S 153° 45.8' E	Fl.(4)W. period 20s	69 21	10		
	RACON		O(---)			16	
10304 <i>K 3020</i>	Percy Isles.	21° 39.4' S 150° 13.0' E	Fl.W. period 10s	220 67	18	White fiberglass tower; 20.	Visible 318°-218°.
10308 <i>K 3018</i>	High Peak Island.	21° 57.2' S 150° 42.0' E	Fl.W. period 5s	230 70	15	White square tower; 16.	Visible 110°-010°, obsc.- 012°, vis.-037°, obscured elsewhere.
10309 <i>K 3017.5</i>	Mount Westfall AVIATION LIGHT.	22° 21.8' S 150° 34.7' E	Q.W.	1847 563		Tower; 49.	
10310 <i>K 3017</i>	Clara Group.	22° 20.3' S 150° 43.1' E	Fl.W. period 2.5s fl. 0.5s, ec. 2s	213 65	10	White hut; 7.	
10311 <i>K 3014.5</i>	Swain Reefs, Hixson Cay.	22° 19.9' S 152° 43.8' E	Fl.W. period 10s	33 10	10	Metal framework tower, on pile structure; 13.	
	RACON		T(-)			Helicopter platform.	
10312 <i>K 3014</i>	North Reef.	23° 11.2' S 151° 54.2' E	Fl.(2)W. period 15s fl. 0.1s, ec. 4.9s fl. 0.1s, ec. 9.9s	75 23	17	White round iron tower, red dome; 80.	
	RACON		Q(- • -)				
10314 <i>K 2998</i>	Double Head, Rosslyn Bay, jetty, head.	23° 10.0' S 150° 47.0' E	Fl.R. period 2s				
10315 <i>K 2998.75</i>	-Pier, head.	23° 09.9' S 150° 47.2' E	Fl.G. period 3s				
10316 <i>K 2997</i>	Great Keppel Island, E. extremity.	23° 10.9' S 150° 59.5' E	Fl.(3)W. period 12s	171 52	7	White hut; 7.	Visible 150°-070°.
10317 <i>K 2997.3</i>	-Half Tide Rock.	23° 09.2' S 150° 56.2' E	Fl.(2)W. period 6s			ISOLATED DANGER BRB, beacon, topmark.	
10318 <i>K 2997.5</i>	Middle Island East Passage, E. side.	23° 10.2' S 150° 55.7' E	Fl.R. period 2.5s			PORT (A) R, beacon, topmark.	
10318.1 <i>K 2997.6</i>	-W. side.	23° 10.2' S 150° 55.6' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	
KEPPEL BAY:							
10319 <i>K 2991.7</i>	-Emu Point.	23° 15.5' S 150° 49.6' E	2 F.W.				R. Lts. on radio tower 5.3 miles SSW.
10319.5 <i>K 2991.8</i>	--Leading Lights.	23° 15.1' S 150° 49.3' E	Iso.Y. period 2s				
			Q.Y.				
10320 <i>K 3000</i>	-Sea Hill Point.	23° 29.6' S 150° 58.8' E	Fl.(2)W. period 6s fl. 0.3s, ec. 1s fl. 0.3s, ec. 4.4s	109 33	7		Visible 338°-214°.
10321 <i>K 3001</i>	-Division Point.	23° 34.0' S 151° 00.9' E	Fl.Y. period 3s			SPECIAL Y, beacon, topmark.	
FITZROY RIVER:							
10323 <i>K 3002.5</i>	-Curlew Spit.	23° 32.1' S 150° 56.3' E	Fl.R. period 5s			PORT (A) R, beacon, topmark.	
10323.5 <i>K 3004.1</i>	-Haynes Spit.	23° 32.6' S 150° 54.0' E	Fl.R. period 3s			PORT (A) R, beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
10324 K 3002	-Balaclava Island, Sea Reach Range, front.	23° 33.2' S 150° 55.6' E	Q.W.	56 17	10	White beacon, triangular daymark, point up.	
10328 K 3002.1	--Rear, 1,600 meters 205°03' from front.	23° 34.0' S 150° 55.2' E	Iso.W. period 2s	92 28	6	White beacon, triangular daymark, point down.	
10329 K 3010	-Kazatch Point Range, front.	23° 34.9' S 150° 52.8' E	Q.W.	20 6	8	Beacon, triangular daymark; 23.	
10330 K 3010.1	--Rear, 940 meters 230°39' from front.	23° 34.8' S 150° 52.8' E	Iso.W. period 4s	46 14	10	Beacon, triangular daymark; 49.	
10331 K 3011	-Eupatoria Point Range, front.	23° 34.7' S 150° 51.8' E	Q.R.	26 8	6	Beacon, square daymark.	
10332 K 3011.1	--Rear, 295 meters 248°33' from front.	23° 34.7' S 150° 51.7' E	Iso.W. period 4s	39 12	8	Beacon, square daymark.	
10333 K 3012	-Shell Point Range, front.	23° 34.0' S 150° 52.7' E	Q.R.				
10334 K 3012.1	--Rear, 310 meters 038° from front.	23° 33.8' S 150° 52.8' E	Iso.W. period 2s				
10336 K 2992.1	Cape Capricorn.	23° 29.2' S 151° 14.2' E	Fl.W.R. period 5s	305 93	W. 16 R. 12	White concrete tower; 23.	W. 005°-307°, R. -005°.
PORT OF GLADSTONE (PORT CURTIS):							
10348 K 2990	-Facing Island, N. point.	23° 45.4' S 151° 20.0' E	Fl.(4)W.R. period 15s	56 17	7		R. 313°-359°, W.-313°.
10349 K 2991	-N. Channel Range, front.	23° 46.2' S 151° 19.5' E	Q.W.			Yellow beacon, triangular topmark, point up.	Intensified 166°38'-170°38'.
10349.1 K 2991.1	--Rear, 440 meters 168°38' from front	23° 46.5' S 151° 19.5' E	Iso.W. period 2s		10	Yellow beacon, triangular topmark, point down.	Intensified 166°38'-170°38'.
10349.5 K 2991.12	--Beacon.	23° 45.9' S 151° 19.4' E	Fl.R. period 2.5s			PORT (A) R, beacon, topmark.	
10350 K 2991.14	--Farmers Reef Range, front.	23° 46.4' S 151° 19.1' E	Q.Bu.			White tripod, triangular topmark, point up.	
10350.1 K 2991.15	---Rear, 125 meters 219°22' from front.	23° 46.5' S 151° 19.1' E	Iso.Bu. period 2s			White tripod, triangular topmark, point down.	
10350.5 K 2991.22	--Southend Channel, SE1.	23° 45.9' S 151° 18.9' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	Southend Channel marked by beacons SE2 to SE4.
10351 K 2991.3	--Beacon N1.	23° 46.4' S 151° 19.2' E	Fl.Y. period 2.5s			SPECIAL Y, beacon, topmark.	
10351.2 K 2991.31	---N2.	23° 46.5' S 151° 19.2' E	Fl.R. period 2.5s			PORT (A) R, beacon, topmark.	North Channel marked by beacons N3 to N11.
10352 K 2972	-East Point.	23° 51.9' S 151° 23.5' E	Fl.W. period 10s	154 47	16	Metal framework tower; 33.	The Narrows leading West of Curtis Island to Keppel Bay is marked by lights.
10356 K 2973	-Wild Cattle Island, S. Channel Range, front.	23° 59.0' S 151° 25.3' E	Q.W.	62 19		Tower, white triangular daymark, point up.	F.W. by day (occasional).
10360 K 2973.1	--Rear, 2.67 miles 224°15' from front.	24° 00.8' S 151° 23.2' E	Iso.W. period 2s	145 44		Tower, white triangular daymark, point down.	F.W. by day (occasional). DGPS Station about 2 miles SW.
10364 K 2973.2	--Beacon S1.	23° 54.0' S 151° 30.3' E	Fl.G. period 2s			STARBOARD (A) G, beacon, topmark.	Synchronized with beacon S2.
	--RACON		G(- - •)				(3 & 10cm)
10368 K 2973.3	---S2.	23° 54.1' S 151° 30.5' E	Fl.R. period 2s			PORT (A) R, beacon, topmark.	South Channel marked by synchronized beacons S3 to S31.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
10372 K 2974	-Boyne Island Cutting Range, front.	23° 56.5' S 151° 21.9' E	F.Bu.	66 20	12	Framework tower, white triangular topmark, point up; 30.	F.Y. by day.
10376 K 2974.1	--Rear, 1,760 meters 263°49' from front.	23° 56.5' S 151° 20.9' E	F.Bu.	121 37	14	Structure, white triangular daymark, point down.	F.Y. by day.
10380 K 2976	-Goldings Cutting Range, front.	23° 51.9' S 151° 19.8' E	Q.W.			PORT (A) R, beacon.	
			Fl.R. period 4s				
10384 K 2976.1	--Rear, 1.14 miles 302°24' from front.	23° 51.3' S 151° 18.7' E	F.Bu.	57 17		Steel tower.	F.W. by day.
10388 K 2976.4	--Range, front, No. 29.	23° 56.3' S 151° 27.3' E	Q.W.	20 6		Beacon.	F.W. by day (occasional). Visible 119°-125°.
			Fl.(2)W. period 4s				Visible 125°-119°.
10392 K 2976.41	---Rear, No. 30, 1.17 miles 122°24' from front.	23° 56.9' S 151° 28.4' E	Iso.W. period 2s	59 18		Beacon.	F.W. by day (occasional). Visible 119°-125°.
			Fl.(2)W. period 6s				Visible 125°-119°.
10393 K 2979	-East Channel, beacon E2.	23° 52.0' S 151° 24.1' E	Fl.R. period 2.5s			PORT (A) R, beacon, topmark.	
10394 K 2979.2	--E1.	23° 52.8' S 151° 23.3' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	
10395 K 2979.4	--E3.	23° 53.1' S 151° 22.2' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	
10396 K 2978	-Gatcombe Channel Range, front, on Datum Point.	23° 49.2' S 151° 17.2' E	Q.W.	20 6		White round tower; 7.	F.W. by day (on request). Forms range 313°33' with beacon Q2.
10400 K 2978.1	--Rear, 1.56 miles 312°04' from front.	23° 48.0' S 151° 15.9' E	Iso.W. period 2s	52 16		White round tower; 7.	F.W. by day (occas).
10404 K 2979.8	--G2.	23° 53.3' S 151° 22.0' E	Fl.Y. period 4s			SPECIAL Y, beacon, topmark.	Synchronized. Southern limit of channel marked by synchronized special beacons.
			Dir.Q.W.				
10405 K 2981	-Auckland Channel.	23° 49.2' S 151° 14.1' E	2 Dir.F.W.R.G. (horiz.)				10 meters apart. White sector marks channel.
10406 K 2987.81	--Beacon A1.	23° 50.8' S 151° 18.4' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	Synchronized.
10407 K 2987.82	---A2.	23° 51.0' S 151° 18.3' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	Synchronized. Auckland Channel marked by synchronized beacons A3 to A7.
10408 K 2982	--Range, front.	23° 52.3' S 151° 22.0' E	Q.W.	20 6		White round tower; 7.	F.W. by day (on request).
10412 K 2982.1	--Rear, 1,019 meters 113°13' from front.	23° 52.5' S 151° 22.6' E	Iso.W. period 4s	127 39		White round tower; 7.	F.W. by day (on request).
10420 K 2982.6	-Manning Reef.	23° 51.5' S 151° 21.2' E	Fl.W. period 2.5s			Red square daymark.	
10424 K 2983	-Bushy Islet.	23° 50.5' S 151° 20.1' E	Fl.W. period 4s				
10426 K 2984	-Boyne Wharf.	23° 51.4' S 151° 19.3' E	F.R.			Dolphin.	
10428 K 2987	-Quoyne Channel, beacon Q1.	23° 50.4' S 151° 19.4' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
10432 K 2987.2	--Beacon Q2.	23° 50.6' S 151° 18.7' E	Fl.Y. period 2.5s			SPECIAL Y, beacon, topmark.	Quoyne Channel marked by beacons Q3 to Q6.
10433 K 2988.3	-Barney Point Range, front.	23° 50.3' S 151° 16.1' E	F.Bu.			Black pile, triangular daymark point up.	F.Y. by day.
10434 K 2988.31	--Rear, 320 meters 126°42' from front.	23° 51.3' S 151° 16.3' E	F.Bu.			Yellow framework tower, triangular daymark, point down.	F.Y. by day.
10435 K 2988.5	--Coal Wharf.	23° 50.2' S 151° 16.3' E	F.R.				
10436 K 2988.6	-Auckland Point Wharves, E. end.	23° 50.0' S 151° 15.8' E	F.R.				F.R. close WNW.
10436.3 K 2989.1	-Aukland Inlet, boat harbor, N. side of entrance.	23° 50.0' S 151° 15.1' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	
10436.5 K 2989.4	---S. side of entrance.	23° 50.2' S 151° 15.0' E	Fl.R. period 2.5s			PORT (A) R, beacon, topmark.	
10437 K 2989.2	--Service jetty.	23° 50.1' S 151° 14.8' E	F.R.				F.R. marks charter jetty.
10438 K 2989.62	-Clinton Channel Range, front, beacon CB2.	23° 49.3' S 151° 14.9' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	
10439 K 2989.63	--Rear, beacon C3, 835 meters 302°42' from front.	23° 49.0' S 151° 14.7' E	V.Q.(9)W. period 10s			W. CARDINAL YBY, beacon, topmark.	
10440 K 2989.65	--Beacon CB1.	23° 49.4' S 151° 14.5' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	
10441 K 2989.69	---CB4.	23° 49.1' S 151° 14.8' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	
10442 K 2989.67	--Range, front, beacon C5.	23° 48.4' S 151° 14.0' E	Dir.Q.W. Fl.G. period 4s			Yellow beacon, triangular daymark.	
10442.5 K 2989.68	---Rear, Tide Island, 870 meters 313°58' from front.	23° 48.0' S 151° 13.8' E	Dir.Iso.W. period 2s			Beacon, triangular topmark, point down.	
10443.5 K 2989.8	--Beacon C1.	23° 49.3' S 151° 14.8' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	
10444 K 2989.85	--Clinton Coal Loader Wharf, off E. end.	23° 49.3' S 151° 14.5' E	F.R.				
10445 K 2989.9	-Targinie Channel Range, front.	23° 48.9' S 151° 14.8' E	Q.W.			Black and yellow triangular beacon, orange and yellow stripe rectangular daymarks.	Targinie Channel marked by synchronized beacons T1 to T6.
			Fl.Y. period 2.5s				
10445.5 K 2989.91	--Rear, 0.8 mile 113°36' from front.	23° 49.1' S 151° 15.6' E	Iso.W. period 2s			Black and yellow beacon.	
			Fl.(2)W. period 6s				
10446 K 2989.6	-Gladstone AVIATION LIGHT.	23° 52.3' S 151° 13.3' E	Fl.W.G. period 10s	108 33			
10448 K 2963	Lady Musgrave Islet.	23° 54.5' S 152° 23.4' E	Fl.W. period 2s fl. 0.1s	68 21	13	Stainless steel lattice tower; 56.	
10449.2 K 2970.4	-Blackney Point, No. 1.	24° 03.5' S 151° 38.1' E	Fl.G. period 2.5s			STARBOARD (A) G, beacon, topmark.	
10449.4 K 2970.7	-Turkey Beach, No. 3.	24° 04.3' S 151° 38.9' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
10452 <i>K 2964</i>	Bustard Head.	24° 01.4' S 151° 45.8' E	Fl.(2)W. period 10s fl. 0.3s, ec. 2.7s fl. 0.3s, ec. 6.7s	336 102	21	White round iron tower, red dome; 58.	Visible from near Richards point until obscured by Roundhill head.
			F.R.	341 104	13		Visible 188°-220°.
10456 <i>K 2963.5</i>	Round Hill, head.	24° 09.0' S 151° 53.0' E	Fl.W. period 4s	105 32	5	White daymark.	
10460 <i>K 2968</i>	Clews Point.	24° 00.3' S 151° 44.5' E	Fl.W.R. period 1.5s fl. 0.3s, ec. 1.2s	126 38	W. 8 R. 5	White metal framework tower, red lantern; 20.	R. 105°-110°, W.-212°, R.-242°, W.-304°.
10464 <i>K 2962</i>	Lady Elliott Island.	24° 07.0' S 152° 42.6' E	Fl.W. period 7.5s	125 38	20	White hut on framework tower; 105.	
	RACON		B(- • • •)	17 5			
PORT BUNDABERG:							
10469 <i>K 2956.11</i>	-Channel Entrance No. 1.	24° 45.2' S 152° 28.1' E	Q.(3)W. period 10s			E. CARDINAL BYB, beacon, topmark.	Channel marked by synchronized beacons, Fl.G. 4s and Fl.R.
10471 <i>K 2958.1</i>	-Sea Reach, N.	24° 45.3' S 152° 23.5' E	Dir.F.W.G.			Metal framework tower; 36.	Shown on request.
10471.1 <i>K 2958.101</i>	--S.	24° 45.3' S 152° 23.5' E	Dir.F.W.R.			Metal framework tower; 36.	Shown on request.
10474 <i>K 2958.3</i>	-Middle Reach Range, front.	24° 45.6' S 152° 23.0' E	Q.Bu.			Triangular daymark, point up.	F.W. by day (occasional).
10474.1 <i>K 2958.31</i>	--Rear, 140 meters 252°17' from front.	24° 45.7' S 152° 22.9' E	Iso.Bu. period 2s			Triangular daymark, point down.	F.W. by day (occasional).
10475 <i>K 2958.37</i>	-Inner Reach Range, front.	24° 45.5' S 152° 23.3' E	Q.W.			Triangular daymark, point up.	F.W. by day (occasional).
10475.1 <i>K 2958.38</i>	--Rear, 110 meters 044°22' from front.	24° 45.4' S 152° 23.2' E	Iso.W. period 2s			Triangular daymark, point down.	F.W. by day (occasional).
10476 <i>K 2956</i>	South Head.	24° 45.0' S 152° 25.0' E	Fl.(4)W. period 20s	65 20	18	White concrete tower, red band; 59.	Visible 120°-320°.
10480 <i>K 2957</i>	Bundaberg AVIATION LIGHT.	24° 54.0' S 152° 19.0' E	Al.FI.W.G. period 7.4s	161 49	W. 28 G. 24		
10484	<i>Breaksea Spit.</i>	24° 20.1' S 153° 09.1' E	Q.W.			N. CARDINAL BY, pillar, topmark	
	RACON		G(- - •)		12		(3 & 10 cm)
10488 <i>K 2932</i>	Sandy Cape.	24° 43.9' S 153° 12.5' E	Fl.W. period 10s	421 128	21	White round steel tower, red dome; 85.	Obscured by Indian Head when bearing more than 332°.
10490	-Burrum River Entrance.	25° 10.0' S 152° 39.0' E	Fl.R. period 2.5s			PORT (A) R, topmark.	
GREAT SANDY STRAIT:							
10491 <i>K 2938.6</i>	-Fairway.	25° 08.9' S 152° 50.1' E	L.FI.W. period 10s			SAFE WATER RW, beacon, topmark.	
10491.1 <i>K 2938.7</i>	-S1.	25° 10.6' S 152° 52.5' E	Fl.(4)Y. period 10s			SPECIAL Y, beacon, topmark.	
10491.2 <i>K 2938.8</i>	-MBN.	25° 12.4' S 152° 53.5' E	Q.W.			N. CARDINAL BY, beacon, topmark.	
10492 <i>K 2939</i>	-Datum Rock, EU.	25° 15.7' S 152° 56.3' E	V.Q.W.		1	N. CARDINAL BY, beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
AUSTRALIA-EAST COAST							
10560 <i>K 2916</i>	-Hook Point.	25° 46.8' S 153° 05.0' E	Dir.FI.W.R.G. period 3s				G. 205°54'-295°54', W.- 297°06' (aligned to meet changes on the bar), R.- 102°06'. Iso.W. 4s by day.
10562 <i>K 2916.5</i>	-Inskip Point Range, front.	25° 48.6' S 153° 04.0' E	Q.W.				
10562.1 <i>K 2916.51</i>	--Rear, 243° from front.	25° 48.8' S 153° 03.8' E	Iso.W. period 2s				

Section 11

North Pacific Islands and Melanesia Including Solomon Islands and Bismarck Archipelago

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOLOMON ISLANDS							
SAN CRISTOBAL:							
10568 <i>K 4948.2</i>	-Kira Kira Range, front.	10° 27.0' S 161° 55.0' E	FR. (neon)		13 4	2 On street light post.	Marks anchorage for small vessels.
10572 <i>K 4948.21</i>	--Rear, 56 meters 143° from front.	10° 27.0' S 161° 55.0' E	FR. (neon)		16 5	2 On street light post.	
10576 <i>K 4947.6</i>	-Wangalaha Point.	10° 17.6' S 161° 35.0' E	Fl.W. period 5s		99 30	8 White metal framework tower.	
10580 <i>K 4948</i>	-Kira Kira (No. 340).	10° 26.3' S 161° 55.4' E	L.Fl.(2)W. period 20s fl. 2s, ec. 2s fl. 2s, ec. 14s		40 12	8 Orange metal framework tower; 33.	
GUADALCANAL:							
10584 <i>K 4947</i>	-Square Island.	9° 49.5' S 160° 54.1' E	Fl.W. period 10s		42 13	8 White metal framework tower.	Obscured 030°-041°, 057°-131°, 349°-352°.
10588 <i>K 4947.2</i>	-Marau South Range, front.	9° 51.2' S 160° 51.2' E	Fl.R. period 3s		10 3	2 White tubular steel tripod; 10.	
10592 <i>K 4947.21</i>	--Rear, 800 meters 006°36' from front.	9° 50.8' S 160° 51.3' E	Q.(2)W. period 10s		40 12	5 Orange metal framework tower; 39.	
10596 <i>K 4947.3</i>	-NE. Entrance Range, front.	9° 48.0' S 160° 50.0' E	Fl.R. period 3s		10 3	2 White metal tripod; 10.	
10600 <i>K 4947.31</i>	--Rear, 700 meters 203° from front.	9° 48.9' S 160° 49.6' E	Fl.(2)W. period 15s		20 6	4 White tubular steel tripod; 19.	
10604 <i>K 4947.4</i>	-Marau Harbor Reef.	9° 50.0' S 160° 50.0' E	Fl.G. period 3s		7 2	2 White tubular steel tripod.	
10608 <i>K 4946</i>	-Rere Point.	9° 34.0' S 160° 37.0' E	Fl.W. period 5s		59 18	6 Red and white metal framework tower; 59.	
10612 <i>K 4945</i>	-Northwest Reef.	9° 28.8' S 160° 35.4' E	Q.(3)W. period 15s		20 6	5 Orange metal framework tower; 19.	
10616 <i>K 4944</i>	-Taivu Point.	9° 24.6' S 160° 21.0' E	L.Fl.(2)W. period 20s fl. 2s, ec. 2s fl. 2s, ec. 14s		36 11	8 Red and white framework tower; 36.	
10620 <i>K 4943</i>	-Sealark Reef.	9° 19.4' S 160° 19.9' E	Fl.W. period 5s		33 10	9 White metal framework tower, red band; 33.	
10624 <i>K 4942</i>	-Koli Point.	9° 24.4' S 160° 09.6' E	Fl.W. period 10s fl. 0.5s, ec. 9.5s		26 8	8 White metal tripod.	
10628 <i>K 4940</i>	-Lungga Point.	9° 24.1' S 160° 01.3' E	Fl.(3)W. period 20s fl. 1.2s, ec. 2.7s fl. 1.2s, ec. 2.7s fl. 1.2s, ec. 11s		40 12	8 White metal framework tower; 33.	Visible 045°-233°. Aero Radiobeacon 2.3 miles SSE.
10632 <i>K 4935</i>	-Point Cruz, on point.	9° 25.6' S 159° 57.5' E	Fl.R. period 4s		54 16	6 White metal framework tower; 16.	

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SOLOMON ISLANDS							
10636 <i>K 4934</i>	-Honiara Anchorage Range, front, 640 meters from common rear.	9° 25.9' S 159° 57.5' E	Fl.G. (neon) period 5s	42 13	4	Black column, black and white triangular daymark.	Forms range 234°30'.
10640 <i>K 4934.1</i>	-- Vavaya Ridge , common rear.	9° 26.1' S 159° 57.3' E	Fl.W. period 5s	213 65	18	Orange fiberglass tower; 16.	Storm signals.
10644 <i>K 4934.2</i>	-Point Cruz West Anchorage, front, 500 meters from common rear.	9° 25.8' S 159° 57.3' E	F.R. (neon)	13 4	2	White mast.	Forms range 185°45'.
10650 <i>K 4938</i>	-Jetty, head.	9° 25.8' S 159° 57.3' E	F.G.				
10652 <i>K 4932</i>	-Cape Esperance.	9° 15.5' S 159° 43.4' E	Fl.W. period 10s fl. 0.5s, ec. 9.5s	102 31	9	White metal framework tower.	
-Ngella Sule:							
10660 <i>K 4908</i>	--Tulaghi Harbor Range, front.	9° 06.0' S 160° 10.1' E	Fl.R. period 5s	33 10	3	White metal framework tower; 30.	
10664 <i>K 4908.1</i>	---Rear, 1143 meters 009°19' from front.	9° 05.5' S 160° 10.1' E	Fl.(2)W. period 10s	46 14	7	White metal framework tower; 39.	
10665 <i>K 4909</i>	--Soghonangola.	9° 07.5' S 160° 09.2' E	Fl.(2)G. period 10s	131 40	3	Orange structure.	
10668 <i>K 4907</i>	--Lyons Point.	9° 08.0' S 160° 14.0' E	Fl.(3)W. period 20s fl. 1.2s, ec. 0.7s fl. 1.2s, ec. 0.7s fl. 1.2s, ec. 15s	105 32	7	White metal framework tower; 39.	
10672 <i>K 4912</i>	--Utuha Passage Range, front.	9° 03.0' S 160° 18.0' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	10 3	2	White tripod.	
10676 <i>K 4912.1</i>	---Rear, 500 meters 174°45' from front.	9° 03.9' S 160° 18.1' E	Fl.(2)W. period 15s fl. 0.7s, ec. 1s fl. 0.7s, ec. 12.6s	20 6	4	White tripod.	
10680 <i>K 4906</i>	--Indalilau Islet.	9° 11.6' S 160° 21.7' E	Fl.(2)W. period 10s	80 24	12	Twin white steel framework towers; 33.	
SANTA ISABEL:							
10684 <i>K 4924</i>	-Rua Dika.	8° 44.3' S 159° 53.5' E	Fl.W. period 10s	54 16	9	Orange structure.	
10688 <i>K 4898.7</i>	-Tasia Island.	8° 09.0' S 159° 37.6' E	Fl.W. period 20s	39 12	9	White and black framework tower; 39.	
MALAITA:							
10692 <i>K 4899</i>	-Manaoba Island.	8° 16.7' S 160° 48.0' E	Fl.W. period 10s	30 9	11	Orange metal framework tower; 39.	Visible 090°-335°.
10696 <i>K 4899.4</i>	--Mbta'ama Harbor.	8° 23.6' S 160° 35.0' E	Fl.R. period 10s fl. 0.5s, ec. 9.5s	27 8	3	Orange metal framework tower.	
10700 <i>K 4901</i>	- Auki Harbor .	8° 46.0' S 160° 42.0' E	L.Fl.W.R. period 5s	317 97	W. 15 R. 12	White framework tower; 16.	W. 349°-022°30', R.-048°, W.-159°.
10704 <i>K 4902</i>	--Range, front.	8° 46.0' S 160° 42.0' E	F.R. (neon)	10 3	4	White tripod, white triangular daymark.	
10708 <i>K 4902.1</i>	---Rear 115 meters 051°45' from front.	8° 46.4' S 160° 42.1' E	F.R. (neon)	16 5	4	White triangular daymark.	

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SOLOMON ISLANDS							
10712 K 4903	-Outer reef.	8° 46.4' S 160° 41.5' E	Q.(2)R. period 10s	20 6	3	White metal framework tower; 16.	
10716 K 4904	-Maramasiki Passage, Maka.	9° 35.3' S 161° 23.6' E	Fl.G. (neon) period 5s	16 5	2	Orange metal framework tower; 10.	Visible 356°-066°.
10720 K 4900	-Alite Reef, S. end.	8° 54.7' S 160° 38.2' E	Fl.(2)W. period 20s	20 6	7	Orange metal framework tower; 16.	Radar reflector.
10724 K 4920	Russell Islands.	8° 59.0' S 159° 15.0' E	Fl.W. period 10s	60 18	16	Metal framework tower; 53.	Visible 123°-308°.
NEW GEORGIA:							
10728 K 4898	-South Island.	8° 48.5' S 157° 45.8' E	Fl.W. period 10s	39 12	8	White steel framework tower; 39.	Obscured 170°-274°.
10732 K 4896	-Kunda Kunda Reef.	8° 22.3' S 157° 13.6' E	Fl.W. period 10s	36 11	7	White and red steel framework tower; 33.	
10736 K 4896.4	-Munda Range, front.	8° 20.2' S 157° 14.2' E	Fl.W. period 5s	23 7	2	White metal framework tower, white triangular daymark.	Visible 044°-064°.
10740 K 4896.41	--Rear, 700 meters 054° from front.	8° 20.0' S 157° 14.5' E	Fl.(3)W. period 15s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 10.5s	39 12	5	Red and white steel framework tower, white triangle on black square daymark; 33.	Visible 044°-064°.
10742 K 4894.8	-Hathorn Sound Range, front.	8° 15.3' S 157° 11.7' E	F.G.	16 5		White framework tower, white triangular daymark, point up.	
10742.1 K 4894.81	--Rear, 170 meters 190° from front.	8° 15.0' S 157° 11.3' E	F.G.	26 8		White framework tower, white triangular daymark, point down.	
10743 K 4894.7	-Tunguivili Point.	8° 11.3' S 157° 13.3' E	Fl.W. period 5s	39 12	5	White framework tower.	
10744 K 4894.6	-Sosomboeke Islet.	8° 08.3' S 157° 09.9' E	Fl.(2)W. period 15s	33 10	7	White framework tower; 39.	
-Gizo Island:							
10748 K 4893	--Gizo Harbor, NW. entrance range, front.	8° 03.7' S 156° 50.1' E	Fl.W. period 3s	16 5	3	White tripod, concrete base.	
10752 K 4893.1	---Rear, 740 meters 201° from front.	8° 04.0' S 156° 50.0' E	Fl.W. period 5s	36 11	5	White metal tripod.	
10756 K 4893.4	--E. entrance Range, front, 1040 meters 269° from common rear.	8° 05.1' S 156° 52.4' E	Fl.W. period 5s	16 5	2	Orange metal framework tower.	
10760 K 4893.41	---Common rear.	8° 05.2' S 156° 51.8' E	Fl.(3)R. period 10s	23 7	5	Orange metal framework tower.	
10762 K 4893.42	--SW. entrance, 550 meters 032°32' from common rear.	8° 05.4' S 156° 51.6' E	Fl.(2)G. period 10s	10 3	3	Post, white triangular daymark.	
10764 K 4895	-Visu Visu Point.	7° 57.2' S 157° 30.1' E	Fl.(2)W. period 15s	39 12	8	Red and white metal framework tower; 16.	Visible 133°-282°. Radar reflector.
10768 K 4892.4	-Nakaza Island.	7° 53.0' S 156° 30.0' E	Fl.W. period 10s	16 5	3	Orange and white metal framework tower.	
CHOISEUL:							
10772 K 4892	-Papara Voghoe Point.	7° 10.0' S 156° 52.0' E	Fl.W.R.G. period 10s fl. 1.5s, ec. 8.5s	166 51	W. 8 R. 5 G. 5	Red and white framework tower; 39.	W. shore-327°, R.-346°, W.- 050°, G.-065°, W.-087°, R.-120°, W.-shore.

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SOLOMON ISLANDS							
BOUGAINVILLE:							
10776 <i>K 4888</i>	-East Point.	6° 48.3' S 155° 56.4' E	Fl.W. period 2.5s	19 6	9	White concrete column; 18.	Visible 233°-118°.
10780 <i>K 4887</i>	-Rantan Island.	6° 40.6' S 156° 00.8' E	Fl.(3)W. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	87 27	14	White framework tower; 30.	Visible 134°-022°.
10783 <i>K 4885.7</i>	-Banaru Reef.	6° 08.3' S 155° 38.9' E	Fl.(2)G. period 8s fl. 0.5s, ec. 1s fl. 0.5s, ec. 6s	19 6	7	White and orange pile; 16.	Radar reflector.
10784 <i>K 4885.8</i>	-Moto Reef.	6° 08.7' S 155° 39.5' E	Fl.R. period 5s	26 8	10	White framework tower; 26.	Radar reflector.
10788 <i>K 4886</i>	-Otua Islet.	6° 27.5' S 155° 58.4' E	Fl.W. period 5s	85 26	14	White framework tower; 77.	Visible 143°-359°.
10792 <i>K 4889</i>	-Onua Island.	7° 05.0' S 155° 55.9' E	Fl.W. period 10s	40 12	7	Red metal framework tower; 33.	
10796 <i>K 4884.4</i>	-Takanupe.	6° 09.0' S 155° 34.0' E	Fl.(2)W.R. period 5s		5		W. 192°-012°, R.-192°.
10800 <i>K 4885</i>	-Kerekerina Point.	6° 11.5' S 155° 33.4' E	Fl.G. period 8s	100 30	5		
10804 <i>K 4885.5</i>	-Kieta Harbor.	6° 12.6' S 155° 38.3' E	Fl.G. period 5s	19 6	7	White column, red bands; 20.	
10808 <i>K 4885.6</i>	--Wogoromodo Reef.	6° 10.7' S 155° 39.0' E	Fl.(2)R. period 12s fl. 0.3s, ec. 1s fl. 0.3s, ec. 10.4s	26 8	7	White framework tower.	
10812 <i>K 4884.6</i>	-Hospital Hill.	6° 13.9' S 155° 34.3' E	Fl.W. period 5s	285 87	19	White tank, red stripe; 6.	Visible 149°-216°. Aero Radiobeacon 10.1 miles ESE.
10816 <i>K 4885.4</i>	-Anewa Bay.	6° 11.3' S 155° 32.2' E	F.W.	377 115	3	Tower.	F.R. lights on chimney 400 meters E.
10820 <i>K 4885.2</i>	-Dokome Point.	6° 11.1' S 155° 32.8' E	Q.R.		2		
10824 <i>K 4884</i>	-Cape L'Averdy.	5° 32.8' S 155° 03.8' E	Fl.W. period 6s fl. 0.4s, ec. 5.6s	82 25	15	White framework tower; 65.	
10828 <i>K 4883</i>	-Madehas Island.	5° 27.1' S 154° 37.9' E	Fl.W. period 10s	450 137	16	White framework tower; 50.	
10830 <i>K 4883.5</i>	-Buka Passage.	5° 24.9' S 154° 42.2' E	Fl.W. period 2.5s	23 7	10	Beacon.	

Many lights of the Solomon Islands have been reported extinguished (1991).

BISMARCK ARCHIPELAGO

NEW BRITAIN:

10832 <i>K 3504</i>	-Cape Gazelle.	4° 19.3' S 152° 23.6' E	Fl.(2)W. period 6s fl. 0.3s, ec. 1s fl. 0.3s, ec. 4.4s	17 5	8	White hut.	Visible 092°-270°.
10836 <i>K 3505</i>	-Cape Wunita.	4° 20.1' S 152° 24.3' E	Fl.W. period 3s	17 5	9	White hut.	Visible 180°-015°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BISMARCK ARCHIPELAGO							
10838 K 3500	-Mackenzie Shoal.	4° 15.5' S 152° 13.5' E	Fl.W. period 10s	20	6	9	White pile.
	-Simpson Harbor:						
10844 K 3498	--Rabaul Entrance Range, front.	4° 11.9' S 152° 10.1' E	Fl.W. period 2s	92	28	14	White framework tower. F.R. 0.64 mile NW.
10848 K 3498.1	---Rear, 430 meters 349°45' from front.	4° 11.7' S 152° 10.1' E	L.Fl.W. period 5s fl. 2s, ec. 3s	154	47	18	White hut. Visible 346°30'-353°.
10852 K 3494	-Cape Tawui.	4° 08.0' S 152° 10.1' E	Fl.W. period 7.5s	154	47	18	White hut with lantern; 13. Visible 066°-316°.
10864 K 3492	-Cape Lambert.	4° 04.4' S 151° 30.8' E	Fl.(3)W. period 15s fl. 0.4s, ec. 1s fl. 0.4s, ec. 1s fl. 0.4s, ec. 11.8s	56	17	10	White steel lattice tower; 46.
10868 K 3491.2	-Tavanatangir Harbor, No. 2.	4° 48.5' S 151° 40.4' E	Fl.(2)R. period 8s	16	5	4	Beacon.
	-Kimbe Bay:						
10869 K 3490.1	--No. 1.	5° 18.2' S 150° 58.6' E	Fl.(3)G. period 12s fl. 0.2s, ec. 1.8s fl. 0.2s, ec. 1.8s fl. 0.2s, ec. 7.8s	16	5	5	
10869.2 K 3490.12	--No. 2.	5° 17.8' S 150° 58.8' E	Fl.(3)R. period 12s fl. 0.2s, ec. 1.8s fl. 0.2s, ec. 1.8s fl. 0.2s, ec. 7.8s	16	5	5	
10869.5 K 3490.14	--No. 3.	5° 18.6' S 150° 59.4' E	Fl.G. period 5s fl. 0.2s, ec. 4.8s	16	5	4	
10869.7 K 3490.16	--No. 4.	5° 18.3' S 150° 59.6' E	Fl.R. period 5s fl. 0.2s, ec. 4.8s	16	5	4	
10870 K 3490.18	--No. 5.	5° 18.8' S 150° 59.9' E	Fl.(4)G. period 16s fl. 0.2s, ec. 1.8s fl. 0.2s, ec. 1.8s fl. 0.2s, ec. 1.8s fl. 0.2s, ec. 9.8s	16	5	4	
10870.2 K 3490.2	--No. 6.	5° 18.2' S 150° 58.8' E	Fl.(4)R. period 16s fl. 0.2s, ec. 1.8s fl. 0.2s, ec. 1.8s fl. 0.2s, ec. 1.8s fl. 0.2s, ec. 9.8s	16	5	4	
10870.5 K 3490.22	--No. 7.	5° 18.6' S 151° 00.4' E	Q.(2)G. period 4s	16	5	4	
10870.7 K 3490.24	--No. 8.	5° 17.9' S 151° 00.4' E	Q.(2)R. period 4s	16	5	4	
10871 K 3490.26	--No. 9.	5° 17.4' S 150° 59.9' E	Q.G.	16	5	4	
10871.2 K 3490.28	--No. 10.	5° 16.5' S 150° 59.5' E	Fl.(2)R. period 8s fl. 0.2s, ec. 1.8s fl. 0.2s, ec. 5.8s	16	5	3	Red beacon, square daymark.
10871.7 K 3490.32	--No. 12.	5° 16.6' S 150° 57.8' E	Fl.(2)W. period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 8s	43	13	10	
10872 K 3486	-Kimbe Island.	5° 12.3' S 150° 22.7' E	Fl.(3)W. period 10s	360	110	10	White hut; 11.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BISMARCK ARCHIPELAGO							
10874 K 3489.5	-Buluma, E. side.	5° 31.4' S 150° 18.1' E	Fl.R. period 3s			4 PORT (A) R, beacon, topmark.	
10874.1 K 3489.55	--W. side.	5° 31.6' S 150° 17.2' E	Fl.G. period 3s			4 STARBOARD (A) G, beacon, topmark.	
10876 K 3488	-Grabo Reef, No. 1.	5° 28.8' S 150° 12.6' E	Fl.(3)W. period 12s	23 7	10		Kimbe channel is marked by lights.
10880 K 3484	-Cape Hollman.	4° 59.8' S 150° 05.7' E	Fl.W. period 6s	110 34	10	Steel framework tower; 62.	Visible 080°-276°.
10884 K 3480	-Unea Island.	4° 55.4' S 149° 08.4' E	Fl.(2)W. period 8s fl. 0.4s, ec. 1s fl. 0.4s, ec. 6.2s	23 7	10	White framework tower.	Visible 248°-130°.
10888 K 3478	-Kiau Point, on Long Island.	5° 12.7' S 147° 05.3' E	Fl.W. period 5s	76 23	10	White framework tower; 75.	Visible 064°-272°.
10890 K 3506.5	-Abigini Island.	6° 19.8' S 150° 05.6' E	Fl.W. period 10s	339 103	17	White hut.	Visible 290°-086°.
10892 K 3506	-Cape Orford.	5° 27.0' S 152° 04.8' E	Fl.(3)W. period 15s	308 94	10	White tower; 43.	Visible 222°-060°.
DUKE OF YORK ISLAND:							
10894 K 3495	-Nakukuru Point.	4° 09.9' S 152° 24.7' E	Fl.(2)W. period 10s			10 White hut.	
10894.5 K 3495.5	-Kabilevad Point.	4° 07.1' S 152° 26.8' E	Fl.W. period 5s			3 White column.	
NEW IRELAND:							
10896 K 3514	-Cape St. George.	4° 50.8' S 152° 52.6' E	Fl.W. period 5s	341 104	10	White steel lattice tower; 56.	Visible 230°-136°, except where obscured by islands.
10900 K 3512	-Mait Island.	3° 00.0' S 150° 43.7' E	Fl.W. period 10s	260 79	10	White steel lattice tower; 63.	Obscured 205°-265°.
10904 K 3511	-Steffan Strait.	2° 42.5' S 150° 36.8' E	Fl.(2)W. period 8s	38 12	12	White pile structure.	Radar reflector.
10904.1 K 3510.8	-Vutte Island, W. side.	2° 39.2' S 150° 37.9' E	Fl.(2)G. period 8s	26 8	4		Visible 358°-195°.
10904.2 K 3510.7	-Lemus Island, S. end.	2° 38.2' S 150° 37.5' E	Fl.W. period 3s	26 8	4	White column.	Visible 313°-170°.
10904.3 K 3510.6	-Nusaum Island.	2° 38.1' S 150° 38.6' E	Q.R.	23 7	4		Visible 239°-075°.
10905 K 3510.5	-Cape Siwusat.	2° 37.0' S 150° 47.0' E	Fl.W. period 5s	28 9	10	Beacon.	
10912 K 3510	-Kavieng Harbor.	2° 35.3' S 150° 47.5' E	Fl.W. period 6s	10 3	8	White hut, concrete base.	
MANUS ISLAND:							
10916 K 3507	-Seeadler Harbor, Ndrilo Island.	1° 57.6' S 147° 19.1' E	Fl.(4)W. period 16s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 9.5s	87 27	10	White framework tower; 82.	
10917 K 3507.35	--Southward.	1° 58.9' S 147° 19.8' E	Fl.G. period 5s			STARBOARD (A) G, beacon, topmark.	
10918 K 3507.1	--Beacon No. 1.	1° 59.6' S 147° 17.2' E	Fl.G. period 3s			4 White pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BISMARCK ARCHIPELAGO							
10918.2 <i>K 3507.2</i>	---No. 2.	1° 59.2' S 147° 13.9' E	Fl.(2)W. period 5s			7	White pile.
10918.4 <i>K 3507.3</i>	---No. 3.	2° 01.0' S 147° 16.5' E	Fl.(3)G. period 6s			4	White pile.
10919 <i>K 3507.5</i>	--Lobrum Point, northward.	2° 01.1' S 147° 22.9' E	Fl.(2)G. period 8s				STARBOARD (A) G, beacon, topmark.
10920 <i>K 3508</i>	--Lombrum Bay, jetty.	2° 02.2' S 147° 22.5' E	Q.G.		13 4	4	White column.
10924 <i>K 3507.6</i>	--Papitalai Harbor, Nahuchie Point.	2° 02.1' S 147° 24.3' E	Fl.W. period 2.5s		22 7	10	White hut.
10925 <i>K 3509</i>	-Hyane Harbor.	2° 02.3' S 147° 25.2' E	Q.W.R.G.		33 10	9	White column.
10926 <i>K 3509.5</i>	Nauna Island.	2° 12.4' S 148° 11.7' E	Fl.W. period 5s		177 54	14	White hut on concrete base. Visible 300°-143°.
10928 <i>K 3476</i>	Alim Island.	2° 52.3' S 147° 04.8' E	Fl.W. period 5s		102 31	14	White framework tower; 102.
NORTH PACIFIC ISLANDS							
PALAU ISLANDS:							
10932 <i>M 8404</i>	-Kepulauan Mapia.	0° 49.0' N 134° 18.0' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s		98 30	15	White beacon.
10933 <i>F 2112</i>	-Asia Group, Fani Island.	1° 04.5' N 131° 16.0' E	Fl.(2)W. period 10s		49 15	11	
10934 <i>M 8410</i>	-Angaur Island.	6° 53.7' N 134° 08.1' E	Fl.W. period 5s			10	
10936 <i>M 8408</i>	-Malakal Pass.	7° 16.7' N 134° 28.3' E	Fl.W. period 6s		24 7	7	White round concrete tower. Aero Radiobeacon 4.2 miles NNE.
CAROLINE ISLANDS:							
-Yap:							
10942 <i>M 8425</i>	--Tamil Harbor S., No. 2.	9° 29.4' N 138° 07.8' E	Fl.R. period 2.5s		20 6	4	Pile, red square daymark.
10943 <i>M 8425.4</i>	---No. 1.	9° 29.4' N 138° 07.9' E	Fl.G. period 2.5s		20 6	4	Pile, green and red square daymark.
10943.5 <i>M 8430</i>	-Woleai Atoll, Pial Island.	7° 20.9' N 143° 49.9' E	Fl.W. period 2.5s			6	
-Truk:							
10944 <i>M 8447</i>	--Northeast Pass, S. side of reef.	7° 30.0' N 151° 58.3' E	Fl.W. period 6s		29 9	6	White round concrete tower; 29.
10944.2 <i>M 8448</i>	---No. 2.	7° 30.2' N 151° 57.8' E	Fl.R. period 4s		19 6	4	PORT (A) R, pile, topmark.
10944.25 <i>M 8448.2</i>	---No. 4.	7° 29.9' N 151° 55.7' E	Fl.R. period 4s				PORT (A) R, beacon, topmark.
10944.3 <i>M 8448.4</i>	---No. 6.	7° 29.7' N 151° 54.2' E	Fl.R. period 4s				PORT (A) R, beacon, topmark.
10944.4 <i>M 8448.5</i>	---No. 8.	7° 29.6' N 151° 52.5' E	Fl.R. period 2.5s		13 4	4	PORT (A) R, pile, topmark.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NORTH PACIFIC ISLANDS							
10944.6 <i>M 8448.7</i>	--No. 10.	7° 29.2' N 151° 51.7' E	Fl.R. period 4s			PORT (A) R, beacon, topmark.	
10944.7 <i>M 8449</i>	--No. 11.	7° 28.9' N 151° 49.5' E	Fl.G. period 4s			STARBOARD (A) G, beacon, topmark.	
-Pohnpei:							
10946 <i>M 8453.2</i>	--Light 2.	6° 59.9' N 158° 10.8' E	Fl.R. period 4s	20 6	4	Articulated beacon, red square daymark.	Channel marked by Fl.W. 4s and unit beacons.
10947 <i>M 8453.7</i>	--AVIATION LIGHT, Peipalap Mountain.	6° 58.6' N 158° 11.4' E	F.R.	622 190			Obstruction light.
10948 <i>M 8453</i>	--Jokaj Passage Range, front.	6° 59.1' N 158° 11.2' E	Q.W.	22 7		Pile, black and white rectangular daymark.	
10948.1 <i>M 8453.1</i>	--Rear, 366 meters 145° from front.	6° 59.0' N 158° 11.3' E	Iso.W. period 6s	47 14		Pile, black and white rectangular daymark.	
10950	--W. side, on reef.	6° 53.0' N 158° 07.0' E	Fl.W. period 60s	9 3	2	Concrete base; 15.	Solar-powered battery- operated. Irregular flashes during continuous inclement weather.
10952	--AVIATION LIGHT on Takatik.	6° 59.0' N 158° 12.0' E	Al.Fl.W.G.				Occasional.
-Kusaie:							
10952.2 <i>M 8457</i>	--Lele Harbor Range, front.	5° 19.8' N 163° 01.4' E	Q.R.	10 3		Pile, red rectangular daymark, white stripe.	
10952.4 <i>M 8457.1</i>	--Rear, 427 meters 096° from front.	5° 19.9' N 163° 01.1' E	Iso.R. period 6s	19 6		Pile, red rectangular daymark, black stripe.	
10952.6 <i>M 8459</i>	--Okat Harbor Range, front.	5° 21.0' N 162° 57.4' E	Iso.W. period 3s	36 11	5	Black metal pile with platform, white triangular daymark, point up.	
10952.7 <i>M 8459.1</i>	--Rear, 300 meters 094°54' from front.	5° 21.0' N 162° 57.5' E	F.W.	52 16	5	Black metal pile with platform, white triangular daymark, point down.	
MARIANA ISLANDS:							
-Saipan:							
10955 <i>M 8364</i>	--Maniagassa (Managaha) Island.	15° 14.4' N 145° 42.6' E	Fl.W. period 6s	75 23	6	Pile, red and white diamond daymark.	
10955.5 <i>M 8367</i>	--Garapan Channel.	15° 11.7' N 145° 42.3' E	Fl.G. period 2.5s	20 6		Concrete structure.	Private light. Aero Radiobeacon 4.1 miles SSW.
10956 <i>M 8366</i>	--Puetton Tanapag (Tanapag Harbor) Range, front.	15° 13.7' N 145° 44.4' E	Q.G.	50 15		Framework tower, red rectangular daymark, white stripe.	Range lights visible 004° each side of range line. F.R. on radio masts 1.2 miles SW.
10960 <i>M 8366.1</i>	--Rear, 1,033 meters 087°54' from front.	15° 13.8' N 145° 45.0' E	Iso.G. period 6s	97 30		Framework tower, red rectangular daymark, white stripe.	Range lights visible 004° each side of range line.
-Tinian:							
10961 <i>M 8371</i>	--Ushi Point.	15° 05.9' N 145° 38.5' E	Fl.W. period 2.5s	18 5	6		
10962 <i>M 8370</i>	--Sunharon Roads Channel Light No. 5, corner of pier.	14° 57.9' N 145° 37.5' E	Fl.G. period 4s	12 4	4	Column, green triangular daymark.	
-Rota:							
10976	--West Harbor Range, front.	14° 08.1' N 145° 07.9' E	Q.G.	33 10		Pole, rectangular red daymark, white stripe; 25.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NORTH PACIFIC ISLANDS							
10980	---Rear, 37.5 meters from front.	14° 08.1' N 145° 08.0' E	Iso.G. period 6s	46	14	Pole, rectangular red daymark, white stripe; 36.	
	-Guam:						
10981 <i>M 8382</i>	--Ritidian Point (U.S.).	13° 39.0' N 144° 51.7' E	Fl.W. period 6s	573	175	9 Column, black and white diamond daymark; 20.	
10982 <i>M 8384</i>	-- Orote Point (U.S.).	13° 26.8' N 144° 37.2' E	Fl.W. period 5s	226	69	15 Concrete tower, black and white diamond daymark; 23.	Obscured 227°-358°.
	--Apra Outer Harbor:						
10983 <i>M 8386</i>	---Entrance Range, front (U.S.).	13° 27.4' N 144° 40.0' E	Q.Y.	35	11	Column, red rectangular daymark, white stripe.	Visible 4° each side of range line.
10983.1 <i>M 8386.1</i>	---Rear (U.S.), 641 meters 083° from front.	13° 27.4' N 144° 40.3' E	Iso.Y. period 6s	65	20	Skeleton tower, red rectangular daymark, white stripe.	Visible 4° each side of range line.
10984 <i>M 8386.2</i>	---Glass Breakwater (U.S.).	13° 27.3' N 144° 37.5' E	Fl.W. period 4s	55	17	5 Column, black and white diamond daymark.	
	--Apra Inner Harbor:						
10985 <i>M 8387.4</i>	---Approach Range, front (U.S.).	13° 26.5' N 144° 40.0' E	Q.R.	15	5	Column, red rectangular daymark, white stripe.	Visible 4° each side of range line.
10985.1 <i>M 8387.41</i>	---Rear (U.S.), 128 meters 141° from front.	13° 26.5' N 144° 40.1' E	Iso.R. period 6s	24	7	Column, red rectangular daymark, white stripe.	Visible 4° each side of range line.
10986 <i>M 8388</i>	--Range, front (U.S.).	13° 25.1' N 144° 40.0' E	Q.G.	38	12	Column, red rectangular daymark, white stripe.	Visible 4° each side of range line.
10986.1 <i>M 8388.1</i>	---Rear (U.S.), 183 meters 176° from front.	13° 25.0' N 144° 40.0' E	Iso.G. period 6s	55	17	Column, red rectangular daymark, white stripe.	Visible 4° each side of range line.
	MARSHALL ISLANDS:						
	-Kwajalein:						
10988 <i>M 8467</i>	--Kwajalein AVIATION LIGHT.	8° 43.8' N 167° 44.4' E	Al.FI.W.G.	124	38	Water tower.	F.R. on water tower close N. Fl.W. on telephone tower on Ebeye Is. (2.6 miles N). Aero Radiobeacon 0.9 mile SW.
11010	--Bigej Channel No. 7 (U.S.).	8° 47.0' N 167° 42.5' E	Fl.G. period 4s	13	4	5 Column, green square daymark.	
11014 <i>M 8467.5</i>	--Bigej Junction N (U.S.).	8° 44.3' N 167° 43.7' E	Fl.(2+1)G. period 6s	12	4	5	
11040 <i>M 8468</i>	--AVIATION LIGHT, on Roi Namur.	9° 24.0' N 167° 29.0' E	Al.FI.W.G.			Red and white water tower.	
	-Bikini Atoll:						
11050 <i>M 8471</i>	--Enyu.	11° 30.8' N 165° 33.6' E	Fl.G.				
	-Majuro Atoll:						
11060 <i>M 8466</i>	--Eroj Island.	7° 10.0' N 171° 10.0' E	Fl.W. period 6s	90	27	7 White skeleton tower, diamond daymark, 85.	
11060.2 <i>M 8466.2</i>	--Calalin Channel No. 1.	7° 09.7' N 171° 10.5' E	Fl.G. period 2.5s	21	6	4 Pile, green triangular daymark.	
11060.25 <i>M 8466.25</i>	--Light No. 2.	7° 09.6' N 171° 11.0' E	Fl.R. period 2.5s	21	6	4 Pile, red square daymark.	
11060.3 <i>M 8466.3</i>	--Light No. 3.	7° 09.2' N 171° 10.8' E	Fl.G. period 4s	21	6	4 Pile, green triangular daymark.	
11060.35 <i>M 8466.35</i>	--Light No. 4.	7° 09.3' N 171° 11.0' E	Fl.R. period 4s	21	6	4 Pile, red square daymark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
NORTH PACIFIC ISLANDS							
11060.4 <i>M 8466.4</i>	--Light No. 5.	7° 08.6' N 171° 11.0' E	Fl.G. period 2.5s	21 6	4	Pile, green triangular daymark.	
11060.45 <i>M 8466.45</i>	--Light No. 6.	7° 08.8' N 171° 11.3' E	Fl.R. period 2.5s	21 6	4	Pile, red square daymark.	
11060.55 <i>M 8466.55</i>	--Light No. 8.	7° 08.1' N 171° 14.9' E	Fl.R. period 4s	21 6	4	Pile, red square daymark.	
11060.75 <i>M 8466.75</i>	--Light No. 11.	7° 06.4' N 171° 17.5' E	Fl.G. period 2.5s	21 6	4	Pile, green triangular daymark.	
11061	--AVIATION LIGHT.	7° 04.1' N 171° 17.0' E	Fl.W.G.				Radiobeacon close E.
GILBERT ISLANDS:							
11072	-Beru, Government Wharf.	1° 22.0' N 175° 57.0' E	F.W.				Shown only when a ship is present at night.
11076 <i>M 8508</i>	--Tarawa, NW. point.	1° 38.0' N 172° 57.0' E	L.Fl.W. period 20s fl. 4s, ec. 16s			Metal framework tower; 70.	<i>Reported temporarily extinguished (1988).</i>
11080 <i>M 8512</i>	-- Betio.	1° 21.0' N 172° 55.0' E	Fl.W. period 8s	105 32	18	Radio tower; 109.	<i>Reported temporarily extinguished (1988).</i>
-Tarawa Atoll:							
11084 <i>M 8515</i>	---Boat harbor, E. jetty.	1° 22.0' N 172° 56.1' E	F.R.	53 16	4		
11092 <i>M 8516</i>	--Bairiki, boat harbor, Beacon F.	1° 20.0' N 172° 59.0' E	Q.R.	8 2		White framework tower, white triangular daymark.	Occasional.
11094	Nauru Island, AVIATION LIGHT.	0° 32.0' S 166° 55.0' E	Fl.W.G. period 10s				Occasional.
11096 <i>M 8482</i>	Wake Island , AVIATION LIGHT.	19° 17.0' N 166° 39.0' E	Al.Fl.W.G. period 10s	61 19	W. 28 G. 23	Steel skeleton tower, white and orange bands; 51.	
11100 <i>M 8536</i>	Christmas Island.	2° 02.0' N 157° 26.0' W	F.R.	128 39		Framework tower.	Obstruction. Reported visible 17M.
11108 <i>M 8528</i>	Fanning Island, Weston Point.	3° 51.0' N 159° 22.0' W	F.W.	30 9	12	Stone monument.	On request.
MIDWAY ISLANDS:							
11112 <i>G 7580</i>	--Sand Island, AVIATION LIGHT.	28° 12.5' N 177° 22.6' W	Al.Fl.W.W.G. period 10s	158 48		Red and white checkered tank.	F.R. lights on tower 325 yards WNW. Aero Radiobeacon 1000 yards S.
11129 <i>G 7560</i>	Johnston Atoll Range, front (U.S.).	16° 44.6' N 169° 31.1' W	Q.W.	17 5		Platform, red rectangular daymark, white stripe.	Aero Radiobeacon 1.2 miles SW.
11129.1 <i>G 7560.1</i>	-Rear, (U.S.) 595 meters 000° from front.	16° 45.0' N 169° 31.1' W	Iso.W. period 6s	40 12		Pile, red rectangular daymark, white stripe.	

Section 12

British Columbia Dixon Entrance to Queen Charlotte Strait

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ALASKA-CANADA							
DIXON ENTRANCE (U.S.):							
11132 <i>G 5924</i>	-Cape Muzon, W. side of entrance to Cordova Bay.	54° 39.8' N 132° 41.5' W	Fl.W. period 6s fl. 1s, ec. 5s	80 24		7 Column, red and white diamond daymark.	Visible 297°-089°.
11136 <i>G 5916</i>	-Round Island, Cordova Bay, SW. side of W. island.	54° 46.7' N 132° 30.4' W	Fl.W.R. period 2.5s	56 17	W. R.	6 Skeleton tower, red and white diamond daymark.	R. 327°-346°, W.-149°30'.
11140 <i>G 5914</i>	-Point Marsh, on small islet SE. of point.	54° 42.7' N 132° 17.7' W	Fl.W. period 4s	74 23		6 Skeleton tower, red and white diamond daymark.	Obscured 127°-265°.
11144 <i>G 5910</i>	-Cape Chacon.	54° 41.4' N 132° 01.0' W	Fl.W. period 2.5s	50 15		6 Framework tower, red and white diamond daymark.	Obscured 112°-226°30'.
11148 <i>G 5988</i>	-Barren Island.	54° 44.7' N 131° 20.9' W	Fl.W. period 4s	85 26		7 Tower, red and white diamond daymark.	
11152 <i>G 5818</i>	-Jacinto Point. (Can.)	54° 34.8' N 131° 04.5' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	35 11		6 Square skeleton tower.	
11156 <i>G 5984</i>	-Tree Point, E. end of S. entrance to Revillagigedo Channel.	54° 48.2' N 130° 55.9' W	Fl.W. period 6s	86 26		9 White square tower, on building.	Obscured 158°-318°.
11160 <i>G 5972</i>	-Lord Rock.	54° 43.6' N 130° 49.1' W	Fl.W. period 4s fl. 0.4s, ec. 3.6s	38 12		7 Skeleton tower, red and white diamond daymark.	
11164 <i>G 5863.8</i>	Pearse Canal Island. (Can.)	54° 47.1' N 130° 36.5' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	12 4		6 Orange square skeleton tower.	
PORTLAND INLET:							
11168 <i>G 5864</i>	-Lizard Point. (Can.)	54° 50.0' N 130° 16.5' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	28 9		6 Orange round tower.	
11172 <i>G 5866</i>	-Ramsden Point. (Can.)	54° 59.0' N 130° 06.2' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	23 7		6 Orange square skeleton tower.	
11172.2 <i>G 5866.6</i>	-Double Islets. (Can.)	54° 57.7' N 129° 56.8' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	28 9		5 Square skeleton tower, orange rectangular daymark.	
11172.4 <i>G 5866.8</i>	-Fort Point. (Can.)	54° 59.1' N 129° 54.9' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	20 6		6 Square skeleton tower, orange stripes.	
11172.6 <i>G 5867</i>	-Mill Bay. (Can.)	54° 59.7' N 129° 53.3' W	Q.W.	19 6		5 Square skeleton tower, orange stripes.	
11172.8 <i>G 5867.4</i>	-Leading Point. (Can.)	54° 58.8' N 129° 50.9' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	18 6		6 Square skeleton tower, orange stripes.	

For lights in Alaska and the Aleutian Islands, see C.G. Light List Pacific Coast, Vol. VI.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
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ALASKA-CANADA

PORTLAND CANAL:

11176 <i>G 5882</i>	-Reef Island. (U.S.)	55° 04.8' N 130° 12.1' W	Fl.W. period 4s fl. 0.4s, ec. 3.6s	19 6	6	Column, red and white diamond daymark.	Higher intensity beam up Portland Canal, higher intensity beam down Pearse Canal. Obscured from 020°30' to 197°30'.
11180 <i>G 5884</i>	-Hattie Island. (Can.)	55° 17.2' N 129° 58.2' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	21 6	6	Orange square skeleton tower.	
11188 <i>G 5888</i>	-Stewart Point. (Can.)	55° 54.7' N 129° 59.4' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	8 2	5	Orange square skeleton tower.	

For lights in Alaska and the Aleutian Islands, see C.G. Light List Pacific Coast, Vol. VI.

CANADA

PORTLAND INLET:

11192 <i>G 5889</i>	-Stewart Dolphin, W.	55° 55.0' N 130° 00.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	10 3	4	Mast on 3-pile dolphin, black, white, and green daymark.	
11193 <i>G 5890</i>	-Stewart Bulk Terminal.	55° 54.9' N 130° 00.3' W	F.R.				Private light.
11193.1	--SE.	55° 54.9' N 130° 00.2' W	F.R.				Private light.
11193.2	--NW.	55° 55.0' N 130° 00.4' W	F.R.				Private light.

OBSERVATORY INLET:

11196 <i>G 5869</i>	-Observatory Inlet.	55° 09.9' N 129° 54.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	14 4	6	Orange square skeleton tower.	
11200 <i>G 5870</i>	-Richards Point.	55° 17.3' N 129° 48.8' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	20 6	5	Square skeleton tower, orange rectangular daymark.	
11204 <i>G 5872</i>	--Brooke Shoal.	55° 22.9' N 129° 42.9' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	18 5	5	Square skeleton tower, orange rectangular daymark.	
11208 <i>G 5874</i>	-Hyde Rock.	55° 23.7' N 129° 41.1' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	16 5	6	Orange square skeleton tower.	
11212 <i>G 5876</i>	-Alice Arm, S. of Hans Point.	55° 25.6' N 129° 40.1' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	19 6	4	Orange square skeleton tower.	
11214 <i>G 5877</i>	-Pearson Point.	55° 27.4' N 129° 30.1' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	17 5	6	Orange square skeleton tower.	
11216 <i>G 5878</i>	-Alice Arm, wharf.	55° 28.2' N 129° 29.7' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	15 5	4	Square skeleton tower, black, white and green square daymark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CANADA							
11232 G 5837.4	--Lawn Point Sector.	53° 25.5' N 131° 54.9' W	Dir.F.W.R.G.	42 13	7	Square skeleton tower, white rectangular daymark; 21.	R.230°- 235°, W.- 241°, G.- 245°. White sector indicates preferred channel.
	--RACON		K(- • -)				
11244 G 5838.4	-Flowery Islet, highest point.	53° 13.3' N 132° 00.4' W	Q.W.	24 7	5	Square skeleton tower.	
11248 G 5840	-South Bay, small island, W. end.	53° 09.9' N 132° 04.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	12 4	6	Skeleton tower.	
11252 G 5838.6	--Kwuna Point, Government wharf, end.	53° 12.9' N 131° 59.5' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	12 4	6	Square skeleton tower.	
11256 G 5838.8	--Alliford Bay, SW. of Kwuna Point.	53° 12.8' N 131° 59.6' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	12 4	6	White round tower.	
11260 G 5838	-Gillatt Island, W. side.	53° 14.7' N 131° 54.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	23 7	7	White round tower.	
11264 G 5837	-Sandspit AVIATION LIGHT.	53° 15.0' N 131° 49.0' W	Fl.W. period 2s				Private light. Operates in restricted visibility or upon request.
11268 G 5835	-Kingui Island.	53° 01.5' N 131° 37.9' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	26 8	6	Square skeleton tower.	Radar reflector.
11272 G 5836.2	-McCoy Cove.	53° 02.1' N 131° 39.2' W	F.W.R.G.	15 5	6	Square skeleton tower.	G. 082°-090°, W.-092°, R.-101°. White sector indicates preferred channel.
11276 G 5836	-Haans Islet.	53° 02.3' N 131° 41.2' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	14 4	6	Square skeleton tower.	
11280 G 5834	-Low Island.	52° 54.7' N 131° 32.4' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	59 18	6	White round tower.	
	-Selwyn Inlet:						
11284 G 5834.2	--Haswell Island, S. side.	52° 51.7' N 131° 41.1' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	27 8	6	Square skeleton tower.	
11288 G 5834.6	--Selwyn Point.	52° 51.7' N 131° 50.7' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	17 5	6	Square skeleton tower.	
11292 G 5833.4	-Darwin Point, NW. of point.	52° 34.5' N 131° 37.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	42 13	5	White cylindrical tower.	
11296 G 5833	-Scudder Point.	52° 26.8' N 131° 14.2' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	18 6	5	Square skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CANADA							
-Skincuttle Inlet:							
11300 <i>G 5831</i>	--East Copper Island.	52° 21.0' N 131° 10.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	50 15	6	White round tower.	
11304 <i>G 5832</i>	--Bush Rock.	52° 18.3' N 131° 16.6' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	30 9	6	Square skeleton tower.	
11308 <i>G 5830</i>	-Garcin Rocks, middle rock.	52° 12.5' N 130° 57.9' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	64 20	5	Square skeleton tower.	
11312 <i>G 5829</i>	Hornby Point.	52° 09.0' N 131° 06.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	18 6	5	White square skeleton tower.	
11316 <i>G 5826</i>	-Cape St. James.	51° 56.2' N 131° 00.9' W	Fl.W. period 5s fl. 0.1s, ec. 4.9s	315 96	13	White mast.	
11320 <i>G 5828</i>	Flatrock Island.	52° 06.5' N 131° 10.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	81 25	5	Square skeleton tower.	
11328 <i>G 5863.7</i>	-Gowgaia Point.	52° 24.0' N 131° 35.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	98 30	6	Square skeleton tower; 6.	
11332 <i>G 5861</i>	-Davidson Point.	52° 44.6' N 132° 06.7' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	122 37	7	White round tower; 10.	
11336 <i>G 5861.4</i>	-Tasu Narrows.	52° 44.7' N 132° 06.4' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	47 14		Square skeleton tower.	
11340 <i>G 5862</i>	-Tasu Sound.	52° 45.0' N 132° 05.8' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	29 9	5	White square skeleton tower.	
11344 <i>G 5863</i>	--Horn Island.	52° 46.2' N 132° 03.4' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	14 4	5	Square skeleton tower.	
11348 <i>G 5860</i>	-Tcenakun Point, Chaatl Island.	53° 09.1' N 132° 35.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	91 28	6	Square skeleton tower.	
11352 <i>G 5859</i>	-Marble Island, W. extremity.	53° 12.1' N 132° 40.1' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	113 34	6	Square skeleton tower.	
11356 <i>G 5858.6</i>	-Kindakun Point.	53° 19.0' N 132° 46.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	67 20	6	Square skeleton tower.	
11360 <i>G 5858.4</i>	-Kunakun Point.	53° 28.0' N 132° 54.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	70 21	6	Square skeleton tower.	
11364 <i>G 5858</i>	-Hippa Island.	53° 32.7' N 133° 00.6' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	103 32	6	Square skeleton tower.	
11368 <i>G 5857</i>	-Frederick Island, on Hope Point.	53° 56.3' N 133° 11.8' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	55 17	5	Square skeleton tower.	
11372 <i>G 5854</i>	-Iphigenia Point.	54° 11.4' N 133° 00.7' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	31 10	6	Square skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CANADA							
11376 G 5856	--Langara Point.	54° 15.0' N 133° 03.0' W	Fl.W. period 5s fl. 1s, ec. 4s	160 49	8	White octagonal tower.	Emergency light.
11380 G 5852	-Parry Passage.	54° 10.9' N 132° 58.3' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	24 7	6	Square skeleton tower.	
11384 G 5851	-Shag Rock.	54° 09.5' N 132° 39.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	24 7	5	Mast.	
11392 G 5850	-George Point.	54° 02.5' N 132° 34.0' W	Q.G.	9 3	3	White square skeleton tower, black, white and green square daymark.	
11408 G 5848	-Wiah Point.	54° 07.0' N 132° 18.5' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	17 5	5	Cylindrical tower.	
11412 G 5847.8	Refuge Island Boat Harbor.	54° 07.0' N 132° 19.0' W	Dir.F.W.R.G.	16 5	7	Square skeleton tower.	R. 206°-213°, W.-216°, G.- 223°. White sector indicates preferred channel.
11416 G 5843	-Striae Islands, E. islet.	54° 05.2' N 132° 14.8' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	20 6	6	Square skeleton tower.	
	-Masset Inlet:						
11420 G 5842	--Harbor entrance Range, front.	54° 02.0' N 132° 12.0' W	F.Y.	22 7	11	Square skeleton tower, orange rectangular slatwork daymark, black stripe.	
11424 G 5842.1	---Rear, 1535.9 meters 165°43' from front.	54° 01.1' N 132° 11.6' W	F.Y.	46 14	11	Square skeleton tower, orange rectangular slatwork daymark, black stripe.	
11428 G 5843.2	--Rooney Point.	54° 01.0' N 132° 10.0' W	Fl.R. period 6s fl. 0.5s, ec. 5.5s	24 7	4	3-pile dolphin, red and white triangular daymark.	
11432 G 5844	--Cook Point.	53° 48.4' N 132° 12.1' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	13 4	6	Square skeleton tower.	
11436 G 5845	--Sloop Islet.	53° 45.5' N 132° 14.6' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	17 5	6	Square skeleton tower.	
11440 G 5846	-Dawson Islands, on easternmost island.	53° 43.0' N 132° 20.2' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	31 10	3	White square skeleton tower.	
11444 G 5847	-Learmonth Island.	53° 40.7' N 132° 27.2' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	21 6	6	Square skeleton tower.	
11448	-Stenhouse Shoal Buoy D59.	54° 20.0' N 130° 56.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s			PORT (B) G, Pillar.	Whistle. Radar reflector.
	-RACON		C(- • - •)				
11454 G 5812.3	-Hanmer Rocks.	54° 19.5' N 130° 49.3' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	36 11	7	White tower.	
	-RACON		M(- -)				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CANADA							
11460 <i>G 5812</i>	-Triple Islands.	54° 17.7' N 130° 52.8' W	Fl.(2)W. period 9s fl. 0.2s, ec. 2.3s fl. 0.2s, ec. 6.3s	92 28	16	White tower; 72.	
11464 <i>G 5811.5</i>	-Osborne Island.	54° 17.2' N 130° 51.1' W	Fl.R. period 6s fl. 0.5s, ec. 5.5s	33 10	5	White round tower.	
11468 <i>G 5811</i>	-Butterworth Rocks.	54° 14.1' N 130° 58.5' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	59 18	7	Square skeleton tower.	
	-RACON		X(- • • -)				
11472 <i>G 5810</i>	-Archibald Islands.	54° 12.9' N 130° 49.9' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	22 7	5	Square skeleton tower; 9.	
11476 <i>G 5809</i>	-Harris Rock.	54° 13.0' N 130° 45.9' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	19 6	6	White square skeleton tower.	
11480 <i>G 5757</i>	-Chearnley Passage.	54° 01.6' N 130° 41.2' W	Q.W.	19 6	5	Square skeleton tower.	
11484 <i>G 5756</i>	--Seal Rocks.	54° 00.0' N 130° 47.4' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	44 13	7	Square skeleton tower.	
	--RACON		Y(- • - -)				
	-Masset Inlet:						
11488 <i>G 5754</i>	--Freeman Passage.	53° 49.8' N 130° 37.8' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	19 6	5	White square skeleton tower.	
	-Beaver Passage:						
11492 <i>G 5751</i>	--Hankin Rock.	53° 42.0' N 130° 25.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	32 10	5	White cylindrical tower.	
11496 <i>G 5752</i>	--Connis Islet.	53° 45.5' N 130° 19.0' W	Q.W.	15 5	4	White round tower.	
11500 <i>G 5753</i>	--Bully Island.	53° 47.9' N 130° 19.5' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	22 7	5	White round tower.	
11504 <i>G 5753.6</i>	-Moore Island, NE. corner.	53° 47.4' N 130° 31.2' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	18 6	5	White square skeleton tower.	
	PRINCIPE CHANNEL:						
11508 <i>G 5747.8</i>	-Keswar point.	53° 37.6' N 130° 21.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	27 8	7	White square skeleton tower.	Visible 315°-126°.
11512 <i>G 5747.6</i>	-Wheeler Island, SW. corner.	53° 33.0' N 130° 08.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	27 8	7	White square skeleton tower.	
11516 <i>G 5747.4</i>	-Principe Channel.	53° 23.6' N 129° 54.4' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	20 6	5	White square skeleton tower.	
	HECATE STRAIT:						
11520 <i>G 5749</i>	-Browning Entrance.	53° 38.1' N 130° 33.8' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	41 12	5	White square skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CANADA							
11524 G 5748.5	-Northwest Rocks.	53° 33.0' N 130° 38.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	53 16	5	White cylindrical tower.	
11526 G 5749.5	-Larsen Harbor, W. end of Banks Island.	53° 38.0' N 130° 32.0' W	Q.R.	18 5	3	White square skeleton tower.	
11528 G 5748	-Bonilla Island Sector , W. side of island.	53° 29.6' N 130° 38.2' W	Fl.W.R. period 5s fl. 0.3s, ec. 4.7s	120 37	21	White cylindrical tower, red upper portion.	R. 334°-000°, W.-168°, R.- 198°, obscured elsewhere.
-Otter Passage:							
11532 G 5747	--Man Island.	53° 07.7' N 129° 46.3' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	44 13	5	White mast.	
11536 G 5747.2	-Block Islands.	53° 09.0' N 129° 43.9' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	24 7	5	White square skeleton tower.	
CHATHAM SOUND:							
11540 G 5816	-Holliday Island.	54° 37.4' N 130° 45.4' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	21 6	6	Square skeleton tower.	
11544 G 5822	-Pointer Rocks.	54° 36.3' N 130° 32.2' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	26 8	6	White round tower.	
11548 G 5820	-Birnle Island.	54° 35.4' N 130° 27.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	28 9	6	Square skeleton tower.	
11552 G 5819.4	-One Tree Islet.	54° 33.8' N 130° 26.3' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	17 5		Mast.	
11556 G 5814	-Green Island.	54° 34.1' N 130° 42.5' W	Fl.W. period 5s	63 19	16	White tower; 35.	Operates at night only.
11560 G 5813	-Whitesand Island.	54° 30.8' N 130° 44.8' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	22 7	6	Square skeleton tower.	
11564 G 5812.6	-Dundas Island.	54° 27.6' N 130° 56.8' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	34 11	6	Square skeleton tower.	
11572 G 5819	-Port Simpson, breakwater.	54° 33.7' N 130° 25.7' W	Q.R.	13 4		Mast.	
11576 G 5808.4	-Slippery Rock.	54° 24.0' N 130° 30.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	22 7	6	White round tower.	
11584 G 5808.2	-Ryan Point Reef.	54° 21.6' N 130° 29.9' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	24 7	3	White round tower on 4-pile dolphin.	
11588 G 5808	-Shrub Island.	54° 19.8' N 130° 27.6' W	Q.R.	25 8	3	White round tower, red band at top on 4-pile dolphin.	
11592 G 5807.4	-Devastation Island, N. side of island.	54° 19.4' N 130° 29.1' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	17 5	4	White cylindrical tower, red band at top.	
11604 G 5807	Lucy Islands.	54° 17.7' N 130° 36.5' W	Fl.R. period 6s fl. 0.5s, ec. 5.5s	71 22	14	White octagonal tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CANADA							
11608 G 5807.2	Lucy Islands N.	54° 18.1' N 130° 37.2' W	Q.W.	18 5		White round tower.	
11616 G 5783	-East Kinahan Island.	54° 12.8' N 130° 23.6' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	24 7	6	White round tower.	
PRINCE RUPERT HARBOR:							
11624 G 5794	-Barrett Rock.	54° 14.6' N 130° 20.5' W	Fl.R. period 6s fl. 1s, ec. 5s	22 7	7	Square skeleton tower, red and white rectangular daymarks.	
11632 G 5794.4	-Frederick Point.	54° 15.5' N 130° 21.5' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	33 10		White round tower, green band at top.	
11636 G 5795	-Casey Point, on edge of shoal, off point.	54° 16.5' N 130° 21.6' W	Q.R.	24 7	6	Square skeleton tower, red and white rectangular daymarks on 3-pile dolphin.	
11637 G 5795.3	-Fairview Terminal, SE.	54° 17.0' N 130° 21.7' W	Fl.R.				Private light.
11638 G 5795.5	--SW.	54° 17.0' N 130° 21.7' W	Fl.R.				Private light.
11639 G 5795.6	--N.	54° 17.2' N 130° 21.6' W	Fl.R.				Private light.
11640 G 5796	-Parizeau Point.	54° 17.2' N 130° 22.2' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	14 4	8	3-pile dolphin.	
11644 G 5797.8	-Oldfield Terminal, on barge.	54° 17.4' N 130° 21.5' W	F.R.	18 5		Round mast.	Private light.
11648 G 5797.3	-Dodge Cove Range, front.	54° 17.4' N 130° 22.9' W	F.Y.	10 3	9	3-pile dolphin, orange daymark, black stripe.	
11652 G 5797.31	--Rear, 114.7 meters 253°31' from front.	54° 17.4' N 130° 23.0' W	F.Y.	23 7	9	3-pile dolphin, orange daymark, black stripe.	
11654 G 5805.5	-Seal Cove.	54° 20.2' N 130° 16.6' W	Q.W.	16 5	5	White round tower.	
11656 G 5797.6	-Oldfield breakwater, on floating breakwater.	54° 17.7' N 130° 21.4' W	Fl.R. period 4s	4 1	5	Mast, red and white triangular daymark.	
11659 G 5800.3	-McIntosh Rock.	54° 18.2' N 130° 22.7' W	Q.W.	23 7	5	Mast, red and white triangular daymark.	
11660 G 5801	-Grindstone point.	54° 18.6' N 130° 23.1' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	13 4	4	White round tower, red band at top.	
11664 G 5802	-Venn Passage.	54° 18.7' N 130° 23.5' W	Q.G.	15 5	4	White round tower, green band at top.	
11668 G 5803	-Du Vernet Point.	54° 18.7' N 130° 24.1' W	Q.R.	11 3	3	White round tower, red band at top.	
11672 G 5803.2	-Shkgeaum Bay Range, front.	54° 18.6' N 130° 24.5' W	F.Y.	13 4	9	Mast, orange daymark, black stripe.	
11674 G 5803.21	--Rear, 229 meters 172° from front.	54° 18.5' N 130° 24.4' W	F.Y.	28 8	9	Mast, orange daymark, black stripe.	
11676 G 5803.4	-Roberson Point.	54° 19.4' N 130° 24.6' W	F.W.R.G.	9 3	7	White square skeleton tower, orange rectangular daymark, black stripe.	R. 110°30'-114°, W.-118°, G.-124°. White sector marks the channel.
11684 G 5803.6	-Dundas Point.	54° 19.4' N 130° 25.0' W	F.W.R.G.	16 5	8	White square skeleton tower, orange rectangular daymark, black stripe.	R. 138°-142°, W.-146°, G.-151°. White sector marks channel.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CANADA							
11688 G 5803.8	-Metlakatla Passage.	54° 20.2' N 130° 25.4' W	F.W.R.G.		9 3	8 Square skeleton tower, orange rectangular daymark, black stripe.	R. 073°-077°, W.-080°, G.-085° White sector marks channel.
11692 G 5806	-North Rachael Island.	54° 12.8' N 130° 33.4' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s		32 10	6 White round tower.	
11696 G 5805.8	-South Rachel Island.	54° 11.8' N 130° 33.3' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s		26 8	White round tower, red band.	
11700 G 5772.5	Greentop Islet.	54° 10.7' N 130° 24.6' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s		43 13	7 White round tower.	
CHATHAM SOUND:							
11704 G 5772	-Holland Rock.	54° 10.4' N 130° 21.6' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s		30 9	5 Square skeleton tower; 14.	
11712 G 5774	-Porpoise Harbor.	54° 11.9' N 130° 18.9' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s		13 4	4 White cylindrical tower, green band at top.	
11716 G 5776	--Range, front, on Flora Bank, W. side of Lelu Island.	54° 12.0' N 130° 17.9' W	F.Y.		10 3	11 White square skeleton tower, fluorescent orange daymark, black stripe.	
11720 G 5776.1	---Rear, 85.3 meters 072°54' from front.	54° 12.0' N 130° 18.0' W	F.Y.		23 7	11 White square skeleton tower, fluorescent orange daymark, black stripe.	
11724 G 5778	--Porpoise Channel.	54° 12.1' N 130° 18.2' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s		24 7	4 White round tower, red band at top.	
11728 G 5780	---W.	54° 12.5' N 130° 17.8' W	Q.G.		15 5	3 White square skeleton tower.	
11732 G 5782	---E.	54° 12.7' N 130° 17.4' W	Q.R.		23 7	3 White square skeleton tower, fluorescent orange daymark, black stripe.	On drying rock.
11736 G 5758.7	-Gull Rocks.	54° 08.0' N 130° 31.0' W	Fl.R. period 6s fl. 0.5s, ec. 5.5s		26 8	Rectangular skeleton tower; 12.	
11740 G 5758.4	Havelock Rock.	54° 05.9' N 130° 29.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s		24 7	6 White round tower.	
11744 G 5758	-Useless Point, Edey Passage.	54° 02.4' N 130° 33.7' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s		19 6	6 White round tower.	
MALACCA PASSAGE:							
11747 G 5771	-Lawyer Islands N., on Cruice Rock.	54° 07.0' N 130° 20.8' W	Q.W.		25 8	3 White cylindrical tower, red band at top.	
11747.5 G 5771.5	--S.	54° 06.1' N 130° 20.0' W	Fl.W. period 4s		29 9	3 White cylindrical tower, red band at top.	
11752 G 5768	-Genn Island.	54° 05.9' N 130° 17.5' W	Fl.R. period 6s fl. 0.5s, ec. 5.5s		30 9	4 White round tower, red band at top.	
11756 G 5763	De Horsey Island.	54° 07.9' N 130° 07.3' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s		19 6	5 White square skeleton tower, white rectangular daymark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CANADA							
11760 G 5773	Inverness Passage.	54° 11.9' N 130° 15.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	12 4	3	Square skeleton tower.	
11764 G 5764	-Ecstall Island.	54° 09.8' N 129° 57.5' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	17 5	5	White square skelton tower, white rectangular daymark.	
ARTHUR PASSAGE:							
11768 G 5762	-Marked Tee Bluff.	54° 04.1' N 130° 09.8' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	28 8	5	White square skeleton tower.	
11772 G 5760	-Herbert Reefs.	54° 01.4' N 130° 14.3' W	Fl.(3)G. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	23 7	4	White round tower, green band at top.	
11773 G 5761.6	-Cecil Patch.	54° 03.8' N 130° 16.7' W	Q.G.	24 7	3	White cylindrical tower, green band at top on 4-pile dolphin.	
11774 G 5761.4	North Hanmer Island.	54° 03.8' N 130° 14.6' W	Q.W.	19 6	4	White square skeleton tower.	
11776 G 5761	Hanmer Island.	54° 03.3' N 130° 15.2' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	19 6	4	White round tower, red band at top.	
GRENVILLE CHANNEL:							
11780 G 5746	-Watson Rock.	53° 55.4' N 130° 10.3' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	12 4	5	White round tower.	
11784 G 5745	-Pitt Point.	53° 53.0' N 130° 06.6' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	14 4	5	White square skeleton tower.	
11788 G 5744.4	-Baker Inlet.	53° 49.0' N 129° 57.0' W	Fl.R. period 6s fl. 0.5s, ec. 5.5s	15 5	4	White square skeleton tower.	
11792 G 5744	-Pitt Island.	53° 42.3' N 129° 49.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	12 4	5	White square skeleton tower.	
11796 G 5743	-Klewnuggit, Morning Reef, NW. rock.	53° 40.7' N 129° 46.0' W	Q.W.	16 5	4	White cylindrical tower.	
11800 G 5742	-Saunders Creek.	53° 36.3' N 129° 41.6' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	12 4	5	White square skeleton tower.	
11804 G 5741	-Ormiston Point, on E. shore of Pitt Island, Grenville Channel.	53° 34.0' N 129° 39.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	15 5	5	White round tower.	
11808 G 5740.8	Tom Island.	53° 32.6' N 129° 36.2' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	11 4	5	White square skeleton tower.	
11812 G 5740.5	Harbour Rock, Stewart Narrows.	53° 23.3' N 129° 16.5' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	11 3	4	Green mast, black and white square daymark.	
11816 G 5740.6	-Sainty Point.	53° 22.0' N 129° 19.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	15 5	7	White round tower.	
11818 G 5747.38	Plover Point.	53° 16.8' N 129° 18.2' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	12 4	7	White square skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CANADA							
11820 G 5747.34	Block Head, Farrant Island.	53° 18.0' N 129° 20.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	20 6	5	White square skeleton tower.	
11822 G 5747.39	Fin Rock.	53° 14.0' N 129° 21.6' W	Fl.(3)G. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	20 6	4	White square skeleton tower, green band at top.	
11824 G 5747.3	McCreigh Point, Pitt Island.	53° 12.5' N 129° 30.1' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	25 8	5	White square skeleton tower.	
11825 G 5747.32	Blackrock Point.	53° 12.5' N 129° 20.5' W	Fl.(3)R. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	22 7	4	White square skeleton tower, red band at top.	
11826 G 5739.3	Cape Farewell.	53° 21.5' N 129° 13.6' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	23 7	7	White square skeleton tower.	
11828 G 5739.4	-Money Point.	53° 22.9' N 129° 09.8' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	20 6	5	White square skeleton tower.	
11830 G 5739.5	Hartley Bay, breakwater.	53° 25.4' N 129° 14.9' W	Q.R.	24 7	3	White square skeleton tower, red and white triangular daymark.	
11832 G 5739.6	-Gertrude Point.	53° 38.0' N 129° 14.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	15 4	6	Square skeleton tower.	
11836 G 5739.66	-Hawkesbury Island.	53° 37.1' N 129° 10.8' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	16 5	6	Square skeleton tower.	
11840 G 5739.7	-Maitland Island.	53° 42.2' N 129° 04.5' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	24 7	6	Square skeleton tower.	
11844 G 5739.8	-Emilia Island.	53° 45.5' N 128° 58.2' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	16 5	5	Square skeleton tower.	Visible 231°-064°.
11848 G 5740	-Kersey Point.	53° 46.6' N 128° 51.6' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	19 6	5	White square skeleton tower.	
11852 G 5740.1	-Hilton Point.	53° 48.9' N 128° 52.2' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	16 5	6	Square skeleton tower.	
11856 G 5740.2	-Clio Point.	52° 54.4' N 128° 42.5' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	22 7	6	Square skeleton tower.	
DEVASTATION CHANNEL:							
11860 G 5739.2	-Dorothy Island.	53° 40.0' N 128° 51.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	14 4	6	Square skeleton tower.	
11864 G 5738	-Staniforth Point.	53° 34.2' N 128° 48.9' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	20 6	5	White square skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CANADA							
GARDNER CANAL:							
11868 G 5738.2	-Rix Island.	53° 31.5' N 128° 44.2' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	15 4	5	White square skeleton tower.	
11872 G 5738.4	-Europa Point.	53° 25.8' N 128° 32.6' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	12 4	5	Square skeleton tower.	
11876 G 5738.6	-Allen Point.	53° 27.0' N 128° 24.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	15 5	6	Square skeleton tower.	
11880 G 5739	-Cornwall Point.	53° 30.0' N 128° 22.0' W	Q.W.	16 5	5	White round tower.	
11884 G 5737.4	Mary Point, Verney Passage.	53° 33.0' N 128° 58.0' W	Q.W.	16 5	5	Square skeleton tower.	
11888 G 5737.2	Tomkinson Point.	53° 25.8' N 128° 54.2' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	13 4	6	Square skeleton tower.	
11892 G 5734	Kingcome Point.	53° 18.0' N 128° 54.4' W	Q.W.	20 6	5	Square skeleton tower.	
11896 G 5737	Trivett Point.	53° 18.5' N 129° 02.2' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	21 6	5	Square skeleton tower.	
11900 G 5736.8	Point Cumming.	53° 18.7' N 129° 07.2' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	20 6	5	White square skeleton tower.	
WHALE CHANNEL:							
11904 G 5736.6	-Borde Island, N. point.	53° 05.1' N 129° 07.2' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	23 7	5	Square skeleton tower.	
11908 G 5736.4	-York Point, S. extremity of peninsula.	53° 05.5' N 129° 10.4' W	Q.W.	34 10	5	Square skeleton tower.	
11912 G 5736.2	-Levy Point.	53° 04.7' N 129° 12.1' W	Fl.R. period 6s fl. 0.5s, ec. 5.5s	15 5	4	Square skeleton tower.	
11916 G 5736	-Ashdown Island.	53° 03.7' N 129° 13.7' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	28 9	6	White round tower.	
11918 G 5735.8	Logan Rock.	53° 02.2' N 129° 28.6' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	42 13	6	Square skeleton tower.	
CAAMANO SOUND:							
11920 G 5735.2	-Duckers Islands, S.	52° 55.0' N 129° 11.5' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	27 8	6	Square skeleton tower.	
11924 G 5735.4	-Dupont Island.	52° 56.5' N 129° 26.2' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	45 14	7	Square skeleton tower.	
11925 G 5735.5	--S.	52° 56.3' N 129° 26.4' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	44 13	9	Square skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CANADA							
11926 G 5735.7	-Alexander Island.	52° 57.3' N 129° 18.5' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	37 11	9	Square skeleton tower.	
11928 G 5735.6	-Jacinto Island.	52° 56.5' N 129° 36.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	92 28	7	White round tower.	
	-RACON		Q(- - • -)		10		
LAREDO CHANNEL:							
11932 G 5735	-Baker Point.	52° 48.2' N 129° 12.8' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	19 6	6	Square skeleton tower.	
11940 G 5734.8	-Ramsbotham Island.	52° 41.9' N 129° 02.1' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	21 6	6	Square skeleton tower.	
11944 G 5734.7	-Walsh Rock.	52° 38.2' N 128° 57.2' W	Q.W.	23 7	4	White round tower.	
11948 G 5734.6	-Haig Rock.	52° 36.4' N 128° 55.3' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	25 8	6	Square skeleton tower.	
11952 G 5734.4	-Abrams Island.	52° 32.2' N 128° 49.8' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	27 8	6	Square skeleton tower.	
11956 G 5734.2	-Lombard Point.	52° 29.0' N 128° 57.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	47 14	6	White round tower.	
GRAHAM REACH:							
11968 G 5732	-Work Island.	53° 10.7' N 128° 41.5' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	15 5	6	Square skeleton tower.	
11972 G 5730	-Redcliffe Point.	53° 09.0' N 128° 38.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	16 5	6	Skeleton tower; 10.	
11976 G 5728	-Griffin Point.	53° 04.0' N 128° 33.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	20 6	6	White round tower.	
TOLMIE CHANNEL:							
11980 G 5727	-Quarry Point.	52° 54.0' N 128° 31.0' W	Fl.G. period 6s fl. 0.5s, ec. 5.5s	16 5	4	White square skeleton tower.	
11984 G 5724	-Sarah Island, N. extremity of island.	52° 53.0' N 128° 31.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	24 7	5	White square skeleton tower.	
11988 G 5726	-Hewitt Island.	52° 52.4' N 128° 29.8' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	19 6	5	Square skeleton tower.	
11992 G 5723	-Tenas Island.	52° 42.5' N 128° 33.1' W	Fl.R. period 6s fl. 0.5s, ec. 5.5s	27 8	4	White square skeleton tower.	
11996 G 5722	-Split Head, S. side of channel.	52° 40.6' N 128° 32.8' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	28 9	5	Square skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CANADA							
12000 G 5720	-Boat Bluff Sector.	52° 38.6' N 128° 31.4' W	Oc.W.R. period 5s fl. 4s, ec. 1s	38 12	7	Trapezoidal skeleton tower; 24.	W. 291°-336°, R.-093°, W.-134°.
MILBANKE SOUND:							
12004 G 5725	-Hiekish Narrows.	52° 50.0' N 128° 27.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	10 3	5	Square skeleton tower.	
12008 G 5719	Legge Point, NW. end of Cone Island.	52° 36.0' N 128° 31.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	11 4	5	White square skeleton tower.	
12012 G 5718	Freeman Point, S. end of Cone Island.	52° 33.2' N 128° 29.3' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	19 6	5	White cylindrical tower.	
12016 G 5716.4	-Legace Point.	52° 27.8' N 128° 25.2' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	30 9	5	Post.	
12020 G 5716	-Jorkins Point, Swindle Island.	52° 26.4' N 128° 29.1' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	26 8	5	White square skeleton tower.	
12028 G 5714	-Susan Rock.	52° 17.2' N 128° 30.2' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	55 17	5	White square skeleton tower.	
12032 G 5713.7	-Carne Rock, Reid Passage.	52° 18.1' N 128° 21.9' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	13 4	5	Square skeleton tower.	
12036 G 5712	-Cape Mark.	52° 09.0' N 128° 32.4' W	Fl.W. period 4s	50 15	5	White square skeleton tower.	
12040 G 5715	-McInnes Island.	52° 15.7' N 128° 43.3' W	Fl.W. period 5s	97 30	22	White rectangular tower.	
12044 G 5711	Gosling Rocks, Currie Islet.	51° 51.0' N 128° 27.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	52 16	6	Square skeleton tower.	
12048 G 5709	Spider Channel, N. end of Spider Island.	51° 51.8' N 128° 15.5' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	57 17	5	Square skeleton tower.	
SEAFORTH CHANNEL:							
12052 G 5713	-Ivory Island.	52° 16.2' N 128° 24.3' W	Fl.W. period 5s fl. 1s, ec. 4s	67 20	16	Red trapezoidal skeleton tower.	Visible 281°-165°.
12056 G 5713.4	-Perrin Anchorage, E. of Ivory Island.	52° 16.5' N 128° 23.4' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	13 4	5	Square skeleton tower.	
12060 G 5708	-Idol Point.	52° 14.0' N 128° 17.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	18 6	5	White cylindrical tower.	
12068 G 5701	Regatta Rocks.	52° 13.0' N 128° 08.0' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	18 6	4	White cylindrical tower, red band at top.	
12072 G 5700	-Dryad Point Sector.	52° 11.1' N 128° 06.6' W	Oc.W.R. period 5s fl. 4s, ec. 1s	38 12	7	White tower.	W. 142°30'- 206°30', R.- 339°, W.- 039°30'.
12076 G 5699.6	Blow Reef, near entrance, Gunboat Passage and Bella Bella.	52° 10.9' N 128° 03.7' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	11 4	5	White square skeleton tower.	
12080 G 5699.4	Bark Island (Gunboat Passage).	52° 10.0' N 128° 02.9' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	12 4	6	Square skeleton tower.	

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CANADA							
LAMA PASSAGE:							
12088 <i>G 5698.4</i>	-Story Point.	52° 08.9' N 128° 08.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	16 5		5	White square skeleton tower.
12092 <i>G 5698</i>	-Napier Point.	52° 08.0' N 128° 08.0' W	Q.W.	18 5		4	White square skeleton tower.
12096 <i>G 5696</i>	-Walker Island.	52° 06.0' N 128° 07.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	26 8		5	White cylindrical tower.
12100 <i>G 5695</i>	Harbormaster Point.	52° 04.0' N 128° 03.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	14 4		6	Square skeleton tower.
12104 <i>G 5693</i>	-White Point.	52° 04.5' N 127° 57.9' W	Fl.R. period 6s fl. 0.5s, ec. 5.5s	28 9		4	Square skeleton tower, white rectangular daymark, red band at top.
12108 <i>G 5694</i>	-Serpent Point.	52° 05.0' N 128° 00.0' W	Q.W.	19 6		4	Square skeleton tower, white rectangular daymark.
RETURN CHANNEL:							
12112 <i>G 5707</i>	-Hyndman Reefs, on reef.	52° 15.7' N 128° 14.6' W	Fl.G. period 4s	15 4		4	Post, green, white, and black square daymarks.
12116 <i>G 5706</i>	-Glaholm Island, off NW. end of Dearth Island.	52° 15.8' N 128° 12.7' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	14 4		5	White square skeleton tower.
12120 <i>G 5704</i>	-Law Island, N. end.	52° 16.1' N 128° 10.3' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	16 5		5	White square skeleton tower.
12124 <i>G 5702</i>	-Donald Point.	52° 17.6' N 128° 05.9' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	17 5		5	White square skeleton tower.
JOHNSON CHANNEL:							
12128 <i>G 5690</i>	-Beaumont Island.	52° 17.7' N 127° 56.6' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	21 6		6	Square skeleton tower.
COUSINS INLET:							
12132 <i>G 5684</i>	-Wearing Point.	52° 18.0' N 127° 45.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	14 4		5	Square skeleton tower.
12136 <i>G 5685</i>	-Cousins Inlet.	52° 19.6' N 127° 45.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	14 4		5	Square skeleton tower.
12140 <i>G 5686</i>	-Coolidge Point, Cousins Inlet.	52° 21.0' N 127° 43.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	17 5		5	White cylindrical tower.
BURKE CHANNEL:							
12144 <i>G 5689.5</i>	-Deas Point.	52° 23.1' N 127° 12.9' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	19 6		5	Square skeleton tower.
12148 <i>G 5688</i>	-Edward Point.	52° 26.4' N 127° 16.3' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	26 8		5	Square skeleton tower.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CANADA							
12152 G 5689	-Sutlej Point.	52° 22.6' N 126° 48.2' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	19 6	5	White square skeleton tower.	
12156 G 5688.5	-Flagpole Point.	52° 20.9' N 126° 55.6' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	19 6	5	Square skeleton tower.	
12158 G 5677	Haaksvold Point.	51° 57.9' N 127° 42.7' W	Q.W.	17 5	4	Square skeleton tower.	
FISHER CHANNEL:							
12160 G 5682	-Sunny Island, on rock, S. of island.	52° 11.3' N 127° 52.2' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	21 6	5	White square skeleton tower.	
12164 G 5681	-Farewell Point.	52° 07.6' N 127° 53.4' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	14 4	5	White square skeleton tower.	
12168 G 5680	-Pointer Island.	52° 03.6' N 127° 56.9' W	Oc.W. period 6s lt. 4s, ec. 2s	42 13	8	White round tower.	
12172 G 5678	-Fog Rocks.	51° 58.3' N 127° 55.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	24 7	10	Square skeleton tower.	
FITZ HUGH SOUND:							
12176 G 5676	-Kiwash Island.	51° 51.7' N 127° 53.5' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	19 6	5	Square skeleton tower.	
12180 G 5675	-Odlum Point, Hakai Passage, W. side.	51° 41.6' N 128° 07.1' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	71 22	6	Square skeleton tower.	
12184 G 5674	-Kelpie Point.	51° 44.0' N 127° 59.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	23 7	5	Square skeleton tower.	
12188 G 5673	-Kwakume Point.	51° 41.5' N 127° 53.3' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	23 7	6	Square skeleton tower.	
12192 G 5672	-Addenbroke Island.	51° 36.2' N 127° 51.8' W	Fl.W. period 5s	79 24	16	White round tower.	Horn: 1 bl. ev. 30s.
12196 G 5670	-Penrose Island.	51° 30.6' N 127° 44.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	24 7	6	Square skeleton tower.	Obscured by Lone Island 073°-087°.
12200 G 5669	-Clark Point, on point, Calvert Island.	51° 25.8' N 127° 53.2' W	Q.W.	36 11	5	White round tower.	
12204 G 5668	-Major Brown Rock, entrance to Rivers Inlet.	51° 25.5' N 127° 42.0' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	44 13	6	Square skeleton tower.	
QUEEN CHARLOTTE SOUND:							
12208 G 5664	-Dugout Rocks.	51° 22.0' N 127° 48.4' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	68 21	6	Square skeleton tower.	
12212 G 5662	-Watcher Island, W. point.	51° 16.3' N 127° 43.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	38 12	6	Square skeleton tower.	Visible 357°-250°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CANADA							
12216 G 5658	-Egg Island.	51° 14.9' N 127° 50.0' W	Fl.W. period 5s fl. 1s, ec. 4s	290 88	16	Trapezoidal skeleton tower; 85.	Emergency light.
12220 G 5656	-Cape Caution.	51° 09.8' N 127° 47.1' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	70 21	6	Square skeleton tower.	
QUEEN CHARLOTTE STRAIT:							
-Goletas Channel:							
12228 G 5642	--Nahwitti Point.	50° 54.3' N 127° 59.1' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	50 15	9	White round tower; 20.	Radar reflector.
12232 G 5641	--Godkin Point.	50° 54.0' N 127° 56.0' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	56 17	5	White round tower, red band at top.	Radar reflector.
12236 G 5641.2	--Bull Harbor entrance.	50° 55.0' N 127° 56.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	13 4	6	9-pile dolphin.	
12244 G 5640	-Dillon Rock.	50° 51.0' N 127° 51.0' W	Q.G.	21 6		White round tower, green band at top.	Radar reflector.
12248 G 5636	--Noble Islets.	50° 49.3' N 127° 35.5' W	Q.R.	34 10		White round tower, red band at top.	
12252 G 5649	-Pine Island.	50° 58.5' N 127° 43.7' W	Fl.R. period 10s fl. 0.2s, ec. 9.8s	93 28	16	White round tower.	
-RACON							
M(- -)							
12256 G 5655	-McEwan Rock.	51° 03.5' N 127° 37.8' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	41 13	6	Mast.	
12260 G 5654	-Harris Island.	51° 00.0' N 127° 34.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	45 14	6	Mast.	
12264 G 5650	-Cholberg Point.	50° 55.0' N 127° 44.2' W	Q.W.	34 10	6	White square skeleton tower, white rectangular daymark.	
12268 G 5648	-Scarlett Point.	50° 51.6' N 127° 36.7' W	Fl.W. period 5s fl. 0.2s, ec. 4.8s	78 24	16	White round tower; 28.	Operates at night only.
12272 G 5652	-Jeannette Islands.	50° 55.3' N 127° 24.8' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	31 10	7	White round tower, red band at top.	
12276 G 5647.4	-Tribune Rock.	50° 51.5' N 127° 34.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	22 7	5	White round tower, green band.	

Section 13

British Columbia Queen Charlotte Strait to Washington

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BRITISH COLUMBIA-CANADA							
12280 G 5647	-Crane Islands.	50° 51.0' N 127° 31.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	47 14	7	White round tower, green bands.	
12284 G 5633	-Doyle Island.	50° 48.3' N 127° 27.6' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	46 14	10	White round tower, green band.	
12288 G 5632	-Masterman Islands.	50° 45.5' N 127° 25.4' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	33 10	9	White round tower, green band.	
12292 G 5634	-Hardy Bay.	50° 43.8' N 127° 29.0' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	27 8	8	White cylindrical tower, red band at top.	
12296 G 5635	--Hardy Bay Inner, SE. of wharf.	50° 43.1' N 127° 29.0' W	Q.R.	18 6	3	White cylindrical tower, red band at top.	
12296.5 G 5635.2	--Hardy Bay Inner No. 2.	50° 43.0' N 127° 28.9' W	Q.G.	16 5	3	White cylindrical tower, green band at top.	
12297 G 5635.4	--Boat Basin, N.	50° 42.9' N 127° 29.3' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	11 3	4	White mast.	
12297.5 G 5635.41	---S.	50° 42.8' N 127° 29.3' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	15 5	4	White mast.	
12298	--Aviation Light.	50° 42.8' N 127° 29.3' W	Fl.W. period 2.5s				Activated by the Flight Services Station for aircraft landings and take-offs. Occasional. Private light.
12300 G 5631	-Round Island.	50° 43.6' N 127° 21.9' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	39 12	6	White round tower.	
12302 G 5629.6	Numas Island.	50° 45.9' N 127° 04.3' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	21 6	7	White round tower.	
12304 G 5629.2	James Point.	50° 50.0' N 126° 59.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	30 9	6	White round tower.	
12308 G 5629.4	Surgeon Islets.	50° 53.5' N 126° 52.2' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	21 6		White round tower, red band.	
12312 G 5629	Duff Islet.	50° 45.4' N 126° 43.3' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	29 9	6	White round tower.	
12316 G 5628.7	Lizard Point.	50° 40.3' N 126° 53.6' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	18 6	7	White round tower, green band.	
12320 G 5628.6	Wedge Island.	50° 38.1' N 126° 43.3' W	Q.W.	34 10	5	White round tower.	
12324 G 5628.8	-Bamber Point, Viscount Island.	50° 42.0' N 126° 14.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	22 7	6	White round tower, red band at top.	

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BRITISH COLUMBIA-CANADA							
BROUGHTON STRAIT:							
12328 G 5628	-Pulteney Point.	50° 37.8' N 127° 09.3' W	Fl.R. period 10s fl. 0.2s, ec. 9.8s	40 12	14	White square tower.	Horn (2): 3 bl. ev. 60s (bl. 2s, si. 3s, bl. 2s, si. 3s, bl. 2s, si. 48s).
12334 G 5625.7	-Port McNeill, breakwater.	50° 35.6' N 127° 05.3' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	16 5	5	Mast.	
12340 G 5625	Haddington Island.	50° 36.0' N 127° 01.0' W	Q.G.	20 6		White round tower, green band.	Radar reflector.
12344 G 5624.6	-S. side.	50° 35.9' N 127° 01.5' W	Q.W.	15 5	6	White round tower.	
12348 G 5624	Haddington Reefs Pier.	50° 36.5' N 127° 00.6' W	Fl.R. period 2s fl. 0.1s, ec. 1.9s	25 8	8	White round tower, red band.	
12356 G 5625.4	Broad Point, W.	50° 35.0' N 127° 01.4' W	F.W.R.G.	21 6	9	White round tower.	G. 155°-158°30', W.-163°, R.-166°30'. Radar reflector.
12360 G 5622	-Nimpkish Bank.	50° 34.7' N 126° 56.9' W	Q.W.	21 6	6	White mast on 6-pile dolphin, black, white, and green square daymark.	
12364 G 5623	-Yellow Bluff.	50° 35.2' N 126° 57.1' W	Fl.W.R. period 4s fl. 0.5s, ec. 3.5s	28 8	5	White round tower, red band.	R. 289°-302°, W.-289°.
12368 G 5615	-Lewis Point.	50° 33.1' N 126° 51.3' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	27 8		White round tower, green band.	
JOHNSTONE STRAIT:							
12372 G 5614	-Blinkhorn Peninsula.	50° 32.6' N 126° 47.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	31 10	9	White round tower, green band at top.	
12376 G 5613.5	-Hanson Island, E. side.	50° 34.0' N 126° 41.6' W	Q.W.R.	18 6		Mast.	R. 127°-160°, W.-345°.
12380 G 5613.6	-Parson Island.	50° 34.5' N 126° 41.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	20 6	7	White round tower.	
12384 G 5613.4	-Cracroft Point.	50° 33.0' N 126° 40.7' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	23 7		White round tower.	
12388 G 5613	-Boat Bay.	50° 31.2' N 126° 34.7' W	Q.W.	35 11	7	White round tower, red band.	Obscured N. of 102°.
12392 G 5612	-Broken Islands.	50° 30.7' N 126° 17.9' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	23 7	7	White round tower.	Radar reflector.
12396 G 5615.4	-Havannah Islets.	50° 32.2' N 126° 15.0' W	Q.G.	21 6	4	White round tower, green band at top.	Radar reflector.
12400 G 5616	-Ray Point Range, front.	50° 34.8' N 126° 12.0' W	Q.Y.	15 5	5	Mast, red daymark, white stripe.	Visible on range line only.
12404 G 5616.1	--Rear, 30.5 meters 087°46' from front.	50° 34.8' N 126° 12.0' W	Q.Y.	36 11	8	Mast, red daymark, white stripe.	Visible on range line only.
12408 G 5617	-East Cracroft Island Range, front.	50° 34.8' N 126° 14.5' W	Q.Y.	18 5	3	Mast, red daymark, white stripe.	Visible on range line only.
12412 G 5617.1	--Rear, 29 meters 270°59' from front.	50° 34.8' N 126° 14.5' W	Q.Y.	52 16	8	Mast, red daymark, white stripe.	Visible on range line only.

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BRITISH COLUMBIA-CANADA							
12420 G 5610	-Hickey Point.	50° 27.0' N 126° 05.1' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	29 9	9	Square skeleton tower.	
12424 G 5608	-Tuna Point.	50° 28.5' N 126° 00.1' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	31 9	5	White round tower, red band; 19.	
12428 G 5606.6	-Fanny Island.	50° 27.2' N 125° 59.6' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	20 6	7	Mast.	
12432 G 5605	-Earl Ledge.	50° 24.7' N 125° 55.2' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	17 5	5	White round tower, red band.	
12436 G 5604	-Peterson Islet.	50° 23.4' N 125° 54.8' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	20 6	5	White round tower, green band; 17.	
12440 G 5603	-Helmcken Island, S. side.	50° 23.6' N 125° 52.3' W	Q.W.R.	31 9	5	White round tower; 19.	R. 274°-280°30', W.- 114°20', R.-122°20'.
12444 G 5574.4	-Pryce Channel.	50° 18.0' N 124° 50.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	23 7	5	White round tower, green band at top.	
12448 G 5573.8	-Waddington Channel.	50° 13.9' N 124° 49.3' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	23 7	4	White round tower, green band at top.	Radar reflector.
12452 G 5574.2	-Dean Point.	50° 17.0' N 124° 47.0' W	Q.G.	20 6		White round tower, green band at top.	
12456 G 5601	-Helmcken Island.	50° 23.9' N 125° 51.4' W	Dir.F.W.R.G.	15 5	6	White round tower.	R. 284°-293°, W.-296°30', G.- 302°. White sector indicates preferred channel.
12460 G 5603.4	---N. side.	50° 24.4' N 125° 52.5' W	Q.G.	23 7		White round tower, green band at top.	
12464 G 5600	-Camp Point.	50° 23.1' N 125° 49.6' W	Q.G.	18 5		White round tower, green band at top.	
12468 G 5599	-Race Passage, E.	50° 22.9' N 125° 48.8' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	17 5	5	White round tower, green band.	
	-Sunderland Channel:						
12472 G 5606.4	--Seymour Island, S. side.	50° 28.7' N 125° 52.1' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	18 6	6	Mast.	
12476 G 5606	-Carterer Point.	50° 27.5' N 125° 45.8' W	Q.W.	18 6	5	White round tower, green band at top.	
12480 G 5600.4	Current Passage.	50° 24.6' N 125° 48.6' W	Dir.F.W.R.G.	18 6	8	White round tower.	R. 326°-330°, W.-336°, G.- 340°. White sector indicates preferred channel.
12484 G 5598.4	Tyee Point.	50° 23.1' N 125° 47.0' W	Q.R.	26 8		White tower, red band; 17.	
12488 G 5598	-Vansittart Point.	50° 22.6' N 125° 44.6' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	32 10	5	White round tower, red band at top; 14.	
12490 G 5595.5	Bear Point.	50° 21.9' N 125° 40.3' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	19 6	9	White round tower.	

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BRITISH COLUMBIA-CANADA							
12492 G 5596	-Ripple Point.	50° 22.0' N 125° 35.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	20 6	6	White round tower, green band at top.	
12496 G 5595	-Walkem Island.	50° 21.5' N 125° 31.5' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	18 6	5	White round tower, red band.	
12500 G 5594	-Rock Point.	50° 20.5' N 125° 30.1' W	Q.G.	19 6	5	White round tower, green band at top.	
12504 G 5593	Turn Island.	50° 20.7' N 125° 27.8' W	Q.R.	39 12	5	Mast, red and white triangular daymark.	
DISCOVERY PASSAGE:							
12508 G 5590	-Chatham Point.	50° 20.0' N 125° 26.4' W	Fl.G. period 5s fl. 1.5s, ec. 3.5s	21 6	8	White round tower, green band.	Horn: 1 bl. ev. 20s.
12512 G 5589	-Cinque Island.	50° 17.7' N 125° 23.9' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	20 6	5	White mast, red and white triangular daymark.	
12516 G 5588	-McMullen Point.	50° 14.8' N 125° 23.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	28 8	7	White round tower, green band.	
12518 G 5587.5	-Separation Head.	50° 10.7' N 125° 21.3' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	21 7	4	White round tower, red band at top.	Radar reflector.
12520 G 5586	-Maud Island.	50° 07.8' N 125° 20.9' W	Q.R.	28 9	5	White round tower, red band.	
12522 G 5586.2	-Maud Island South.	50° 07.7' N 125° 20.5' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	22 7	5	White tower, red band.	
12524 G 5587	-Wilfred Point.	50° 07.8' N 125° 21.5' W	Q.G.	22 7	5	White round tower, green band.	
12526 G 5587.3	Brown Bay.	50° 10.0' N 125° 22.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	24 7	5	White round tower, green band.	
12528 G 5584	-Race Point.	50° 06.8' N 125° 19.4' W	Q.G.	77 24		White round tower, green band.	
12536 G 5583.5	-Steep Island.	50° 04.8' N 125° 15.2' W	Q.W.	22 7	6	White round tower, red band.	
12540 G 5582.6	-Quathiaski Cove.	50° 02.7' N 125° 13.3' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	20 6	5	White round tower, green band.	
12544 G 5582.8	-Tye Spits Range, front.	50° 02.9' N 125° 15.6' W	Q.Y.	15 5	9	3-pile dolphin, white daymark, red stripe.	Visible on range line only.
12548 G 5582.81	--Rear, 50.9 meters 205°42' from front.	50° 02.8' N 125° 15.7' W	Q.Y.	23 7	9	3-pile dolphin, white daymark, red stripe.	
12551 G 5583	--S. breakwater.	50° 02.2' N 125° 14.5' W	Q.G.	23 7	4	Mast, black, white and green square daymark; 10.	
12552 G 5582	-Campbell River, breakwater.	50° 01.5' N 125° 14.2' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	17 5		Mast.	
12556 G 5582.2	--N. breakwater.	50° 01.7' N 125° 14.4' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	18 6	4	On 3-pile dolphin, black, white and green square daymark.	
12558 G 5582.5	-Campbell River, Ferry Terminal, Dolphin No. 2.	50° 01.8' N 125° 14.3' W	Q.Y.	19 6	5	Square mast on a 4-pile dolphin, black, white and green square daymark.	

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BRITISH COLUMBIA-CANADA							
CORDERO CHANNEL:							
12560 G 5580	-Cape Mudge.	49° 59.9' N 125° 11.7' W	Fl.W.R. period 5s	58 18	13	White octagonal tower.	W. 316°-134°, R.-149°, W.-151°. Horn: 1 bl. ev. 30s (bl. 3s, si. 27s).
12564 G 5578.4	-Lyall Island.	50° 27.0' N 125° 36.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	22 7	6	White round tower.	
12568 G 5578	-Griffiths Islet.	50° 27.0' N 125° 30.0' W	Q.R.	22 7		White round tower, red band.	
12572 G 5577.4	-Lorte Island.	50° 27.0' N 125° 27.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	17 5	6	White round tower, red band at top.	
12576 G 5577	-Little Dent Island, W. extremity.	50° 25.0' N 125° 13.0' W	Q.R.	24 7		White round tower, red band.	
12580 G 5576	-Gillard Island.	50° 24.0' N 125° 09.0' W	Q.G.	20 6		White round tower, green band at top.	
12584 G 5575	Harbott Point.	50° 21.7' N 125° 08.2' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	28 8	4	White round tower, red band; 16.	
12588 G 5574.8	Maurelle Island, Hole in the Wall, W. entrance.	50° 18.0' N 125° 12.0' W	Q.R.	23 7	3	White round tower, red band at top.	
LEWIS CHANNEL:							
12592 G 5574	-Redonda Island.	50° 14.6' N 124° 58.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	22 7	6	White round tower, red band.	
12596 G 5572.8	-Junction Point.	50° 08.4' N 124° 53.7' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	29 9	5	White round tower, green band at top.	
12600 G 5573	-Refuge Cove.	50° 07.0' N 124° 51.0' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	21 6	4	White round tower, red band at top.	
12604 G 5568.6	Thulin Passage.	50° 01.8' N 124° 49.6' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	28 8	5	White round tower, green band.	
12608 G 5569	Spilsbury Point.	50° 00.2' N 124° 56.6' W	Q.W.	20 6	6	White round tower.	
12612 G 5568	Lund.	49° 59.8' N 124° 47.6' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	21 6	6	White round tower.	
12616 G 5568.4	Major Islet.	49° 59.3' N 124° 48.9' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	102 31	6	White round tower, red band at top.	
12620 G 5567	Savary Island wharf.	49° 56.8' N 124° 46.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	21 6	6	Lantern on top of shed.	
SUTIL CHANNEL:							
12632 G 5570	-Channel Rock.	50° 05.6' N 125° 02.2' W	Q.R.	19 6	4	White round tower, red band at top.	
12636 G 5572	-Whaletown Bay.	50° 06.4' N 125° 03.5' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	17 5	5	White round tower, green band at top.	

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BRITISH COLUMBIA-CANADA							
12640 G 5579	-Drew Harbor.	50° 06.5' N 125° 11.6' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	18 6	5	White round tower, green band at top.	
12644 G 5574.6	-Whiterock Passage.	50° 14.6' N 125° 06.6' W	Q.W.	17 5	4	White round tower.	
12652 G 5571	Cortes Bay.	50° 08.8' N 124° 55.4' W	Q.R.	20 6		White round tower, red band.	
12660 G 5566	Kuhushan Point.	49° 53.3' N 125° 07.4' W	Fl.(2)W. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	58 18	12	White square skeleton tower.	
12664 G 5549	AVIATION LIGHT.	49° 43.0' N 124° 53.0' W	Fl.W. period 10s			Steel tower.	
12672 G 5554	Rebecca Rock.	49° 48.8' N 124° 39.5' W	Iso.W. period 2s	30 9	10	White round tower.	Radar reflector.
12676 G 5552	Cyril Rock.	49° 48.0' N 124° 36.0' W	Q.G.	24 7	5	White round tower, green band at top.	
12678 G 5562	Powell River Range, front.	49° 52.3' N 124° 33.5' W	F.Y.				
12678.1 G 5562.1	-Rear, 510 feet 032°30' from front.	49° 52.3' N 124° 33.5' W	F.Y.				
12680 G 5564.2	-Powell River floating breakwater entrance, N.	49° 52.0' N 124° 33.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s			On floating breakwater.	Private light.
12684 G 5564	--Floating breakwater, entrance, S.	49° 51.8' N 124° 33.4' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	23 7		On floating breakwater.	Private light.
12692 G 5551.4	-North Rock.	49° 50.0' N 124° 32.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	25 8	6	Mast.	
12696 G 5550	Grief Point.	49° 48.3' N 124° 31.5' W	Fl.(2)W. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	35 11	8	White round tower, red band at top.	
12700 G 5551	-E.	49° 48.0' N 124° 31.0' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	14 4		Mast.	
12704 G 5521	Northeast Point.	49° 42.5' N 124° 21.4' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	31 9	7	White round tower, green band at top.	
JERVIS INLET:							
12708 G 5522.5	-Ahlstrom Point.	49° 47.0' N 124° 09.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	21 6	5	White round tower, green band at top.	
12712 G 5523	-Captain Island.	49° 47.0' N 124° 00.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	27 8	6	White round tower.	
12716 G 5523.8	Malibu Rapids.	50° 09.7' N 123° 51.2' W	Q.G.	18 6	4	White round tower, green band.	
12720 G 5524	-Skookumchuck Narrows.	49° 46.0' N 123° 56.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	20 6		White round tower, green band at top.	
12724 G 5524.6	-Skookum Island.	49° 44.0' N 123° 53.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	23 7	6	White round tower.	
12728 G 5524.3	-Sechelt Islets.	49° 44.0' N 123° 54.0' W	Q.G.	23 7		White round tower, green band at top.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BRITISH COLUMBIA-CANADA							
12732 G 5525	-Kunechin Islets.	49° 37.2' N 123° 48.2' W	Fl.(2)W. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	20 6	6	Mast.	
12736 G 5523.5	-Agnew Passage.	49° 46.0' N 123° 59.0' W	Q.G.	25 8		White round tower, green band at top.	
12738 G 5523.6	-Earls Cove.	49° 45.2' N 124° 00.5' W	F.G.			On gantry, ferry terminal.	Horn: 1 bl. ev. 30s (bl. 2s, si. 28s). Radar reflector.
12740 G 5519	Cape Cockburn.	49° 40.0' N 124° 12.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	50 15	7	White round tower, red band at top.	
12742 G 5522	-Saltery Bay.	49° 46.9' N 124° 10.5' W	F.G.			On outer dolphin, ferry terminal.	Horn: 1 bl. ev. 20s (bl. 3s, si. 17s). Radar reflector.
12744 G 5517	Nelson Rock.	49° 38.6' N 124° 07.1' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	17 5	6	White round tower, red band.	
12748 G 5516	Pender Harbor.	49° 38.0' N 124° 04.0' W	Q.R.	15 5		White round tower, red band at top.	
12752 G 5514	Francis Point.	49° 36.0' N 124° 03.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	34 10	6	White round tower.	
12756 G 5513.5	Secret Cove Entrance.	49° 32.0' N 123° 58.0' W	Q.R.	18 6	3	Mast, red and white triangular daymark.	
12760 G 5513	Espom Point.	49° 30.0' N 124° 01.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	21 6	7	Round mast; 29.	
WELCOME PASSAGE:							
12768 G 5512	-Wilbraham Point.	49° 30.7' N 123° 58.1' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	35 11	5	White round tower, red band at top.	Radar reflector.
12772 G 5511	-Reception Point.	49° 28.0' N 123° 53.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	24 7	7	White round tower, red band at top.	Radar reflector.
12776 G 5510	-Merry Island.	49° 28.1' N 123° 54.8' W	Fl.W. period 15s fl. 0.4s, ec. 14.6s	60 18	17	White square tower; 27.	
12780 G 5526	Point Upwood.	49° 29.4' N 124° 08.4' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	36 11	7	White round tower, red band at top.	
12784 G 5526.4	Texada Island.	49° 32.0' N 124° 14.0' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	27 8	5	White round tower, red band at top.	
BAYNES SOUND:							
12792 G 5544	-Goose Spit, W. end.	49° 39.6' N 124° 55.4' W	Q.R.	18 5		White round tower, red band at top.	2 F.G. 2M shown in Courtney River. Radar reflector.
12796 G 5546	-Courtenay River.	49° 40.0' N 124° 57.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	14 4	6	Black, white and green square daymark on 5 pile dolphin.	

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BRITISH COLUMBIA-CANADA							
12798 G 5547	-Courtenay River Range, front, on river bank.	49° 40.6' N 124° 57.5' W	Q.Y.		13 4	10 1-pile dolphin, red daymark, white stripe.	
12799 G 5547.1	--Rear, 66.2 meters 320°04' from front.	49° 40.6' N 124° 57.5' W	Q.Y.		25 8	10 3-pile dolphin, red daymark, white stripe.	
12800 G 5545	-Comox Harbor, breakwater, head.	49° 40.2' N 124° 55.8' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s		12 4	5 Mast.	
12802 G 5545.3	-Comox Harbor, E. breakwater.	49° 40.1' N 124° 55.5' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s		11 3	5 Mast; 5.	
12804 G 5542	-Comox Bar Range, front.	49° 37.4' N 124° 54.5' W	Iso.Y. period 1.5s		37 11	15 Square skeleton tower, white daymark, red stripe.	
12808 G 5542.1	--Rear, 284 meters 222°10' from front.	49° 37.3' N 124° 54.7' W	Iso.Y. period 2s		76 23	15 Square skeleton tower, white daymark, red stripe.	
12812 G 5538	-Denman Island.	49° 32.3' N 124° 49.8' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s		20 6	6 White round tower, red band.	
12816 G 5537	--W. Ferry Landing.	49° 32.1' N 124° 49.4' W	F.Y.		25 8	On dolphin.	Private light.
12820 G 5535	-Buckley Bay Ferry Landing.	49° 31.6' N 124° 50.8' W	F.Y.		25 8	On dolphin.	Private light.
12824 G 5534	-Mapleguard Point (Deep Bay).	49° 28.0' N 124° 44.1' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s		30 9	7 White round tower, green band.	
12828 G 5532	-Chrome Island Range, front.	49° 28.3' N 124° 41.0' W	F.Y.		46 14	12 Mast, red daymark, white stripe.	Visible on range line only.
12832 G 5532.1	--Rear, 93.3 meters 097°45' from front.	49° 28.3' N 124° 41.0' W	Fl.Y. period 5s fl. 0.2s, ec. 4.8s Fl.W. period 5s fl. 0.2s, ec. 4.8s		72 22	15 White round tower; 25.	Yellow light visible on range line only.
12836 G 5540	-Denman Island.	49° 29.7' N 124° 42.5' W	F.Y.		25 8	On dolphin.	Private light.
12840 G 5531	-Hornby Island Ferry Landing.	49° 30.7' N 124° 42.3' W	F.Y.		25 8	On dolphin.	Private light.
12844 G 5530	Flora Islet.	49° 31.0' N 124° 35.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s		50 15	5 Skeleton tower.	
12848 G 5527	Fegan Islets.	49° 32.0' N 124° 23.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s		26 8	7 White round tower.	
12852 G 5529	Sisters Islets.	49° 29.2' N 124° 26.1' W	Fl.(2)W. period 15s fl. 0.4s, ec. 3s fl. 0.4s, ec. 11.2s		80 24	16 White cylindrical tower.	
12856 G 5528	False Bay.	49° 29.0' N 124° 22.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s		18 6	6 White round tower.	
12860 G 5509	French Creek, head.	49° 21.0' N 124° 21.0' W	Q.R.		19 6	5 Mast.	
12864 G 5508.5	Sangster Island.	49° 25.4' N 124° 11.5' W	Fl.W.R. period 4s fl. 0.5s, ec. 3.5s		54 16	5 White round tower.	R. 267°-300°, W.-267°.
12868 G 5508	Ballenas Island.	49° 21.0' N 124° 09.6' W	Fl.W. period 10s fl. 0.2s, ec. 9.8s		70 21	17 White octagonal tower; 27.	

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BRITISH COLUMBIA-CANADA							
12872 G 5507.4	Schooner Cove, breakwater.	49° 17.3' N 124° 08.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	24 7		Mast, black, white and green square daymark.	
12876 G 5507	Schooner Reefs.	49° 17.6' N 124° 07.8' W	Fl.(2+1)G. period 6s fl. 0.3s, ec. 0.4s fl. 0.3s, ec. 1.2s fl. 0.3s, ec. 3.5s	17 5		Mast, fluorescent orange, white and green diamond daymark.	
12877	Winchelsea Islands, S. side of N. island.	49° 17.6' N 124° 05.2' W	Fl.W.				
NANOOSE HARBOR:							
12880 G 5504	-Maude Island.	49° 16.2' N 124° 04.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	32 10	6	White round tower, red band at top.	
12884 G 5506	-Richard Point.	49° 15.9' N 124° 07.5' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	26 8		White round tower, red band at top.	
12885	-Breakwater.	49° 15.9' N 124° 08.2' W	Q.Y.				
12886	-Ranch Point Pier.	49° 15.9' N 124° 08.9' W	Fl.Y.				
12886.5	--W. end.	49° 16.0' N 124° 09.0' W	Fl.Y.				
12888 G 5502	White Islets.	49° 25.1' N 123° 42.6' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	35 11	6	White round tower.	Radar reflector.
12892 G 5502.4	Selma Park, breakwater, head.	49° 28.0' N 123° 45.0' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	27 8		White round tower, red band at top.	
HOWE SOUND:							
12896 G 5420	-Popham Island.	49° 21.8' N 123° 29.5' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	37 11	4	White round tower, red band at top.	
12900 G 5419.4	-Cape Roger Curtis.	49° 20.0' N 123° 26.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	31 10	5	White cylindrical tower.	
12904 G 5420.4	-Gibsons Landing Rock.	49° 23.9' N 123° 29.9' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	23 7	5	White round tower, green band at top.	
12908 G 5420.5	-Gibsons Landing, breakwater head.	49° 24.0' N 123° 30.2' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	16 5	6	On the peak of the gazebo.	
12910 G 5420.6	-Gibsons landing, S. breakwater.	49° 24.0' N 123° 30.3' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	20 6	3	White mast, black, white and green square daymark.	
12912 G 5423.3	-Grace Islands.	49° 26.0' N 123° 27.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	20 6	5	White cylindrical tower.	
12916 G 5423.6	-Ekins Point.	49° 32.1' N 123° 22.8' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	21 6	6	White round tower.	
12918 G 5423.82	Squamish Terminal No. 1.	49° 41.0' N 123° 10.6' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	14 4	4	Mast on a single pile dolphin.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BRITISH COLUMBIA-CANADA							
12919 G 5423.83	-No. 2.	49° 40.9' N 123° 10.4' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	14 4	5	Mast on a single pile dolphin.	
12920 G 5423.7	Squamish Approach.	49° 40.8' N 123° 09.9' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	20 6	3	3-pile dolphin, red and white triangular daymarks.	
12932 G 5423.5	-Brunswick Point.	49° 31.6' N 123° 15.7' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	33 10		White round tower, red band at top.	
12936 G 5423.4	-Pam Rock.	49° 29.3' N 123° 18.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	38 12	5	White cylindrical tower.	Radar reflector.
12940 G 5423.1	-Hope Point.	49° 26.0' N 123° 22.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	23 7	6	White round tower.	
12944 G 5423	-Finisterre Island.	49° 25.1' N 123° 18.5' W	Q.W.	33 10	4	White cylindrical tower.	
12948 G 5422	-Tye Point.	49° 22.8' N 123° 16.4' W	Q.W.	17 5	6	White round tower.	
12952 G 5421.5	-Lookout Point.	49° 22.6' N 123° 17.4' W	Q.R.	23 7	5	White round tower, red band at top.	
12956 G 5422.5	-Snug Cove.	49° 22.8' N 123° 19.3' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	28 9	5	White round tower, green band at top.	
12960 G 5422.6	--N.	49° 23.0' N 123° 20.0' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	20 6	4	White cylindrical tower, red band at top.	Radar reflector.
12964 G 5421.3	-Fishermans Cove, (Robson).	49° 21.3' N 123° 16.6' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	19 6		White round tower, red band at top.	
12966 G 5421.35	-Grebe Islets.	49° 20.5' N 123° 16.5' W	Fl.(3)R. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	23 7		White round tower, red band at top.	Radar reflector.
12967 G 5421.4	-Bird Islet.	49° 21.8' N 123° 17.5' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	15 4		White round tower, red band at top.	Radar reflector.
12968 G 5419	-Point Cowan.	49° 20.1' N 123° 21.6' W	Q.W.	67 20	7	White round tower.	
12972 G 5426	-Point Atkinson.	49° 19.8' N 123° 15.8' W	Fl.(2)W. period 5s fl. 0.2s, ec. 0.8s fl. 0.2s, ec. 3.8s	108 33	15	White hexagonal tower with six buttresses.	Emergency light.
-First Narrows:							
12984 G 5435	--Beacon, N. side.	49° 19.2' N 123° 08.8' W	Iso.G. period 2s	25 8	7	White round tower, green band at top, 4-pile dolphin.	Radar reflector.
12988 G 5434	--Prospect Point.	49° 18.8' N 123° 08.5' W	Iso.R. period 2s	38 12	10	White tower, red band at top.	
12992 G 5437	-Lions Gate Bridge, S.	49° 18.9' N 123° 08.3' W	F.W.R.G.	208 63	14	On bridge structure.	G. 303°-304°, W.-306°, R.-307° (W. sector indicates preferred channel).
12996 G 5438	--N.	49° 19.0' N 123° 08.3' W	F.W.R.G.	208 63	14	On bridge structure.	G. 303°-304°, W.-306°, R.-307° (W. sector indicates preferred channel).

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BRITISH COLUMBIA-CANADA							
13000 G 5442	-Calamity Point.	49° 18.8' N 123° 07.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	17 5	9	White cylindrical tower, green band at top, on 16-pile dolphin.	Radar reflector.
13008 G 5448	-Burnaby Shoal.	49° 17.9' N 123° 06.6' W	Q.R.	30 9	10	White cylindrical tower, red band at top.	
13012 G 5455	-Deadman Island.	49° 17.5' N 123° 07.4' W	Q.R.	22 7	4	White cylindrical tower, red band at top, on 3-pile dolphin.	Radar reflector.
13014 G 5456	-Coal Harbor.	49° 17.6' N 123° 07.5' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	21 6	4	White cylindrical tower, red band at top, on 9-pile dolphin.	Radar reflector.
13016 G 5465	-Terminal Dock, E.	49° 17.6' N 123° 03.0' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	8 2	7	Mast on pilings.	
13019 G 5465.5	-Second Narrows West Directional.	49° 17.6' N 123° 02.8' W	F.R.	26 8	10	White square skeleton tower on 3-pile dolphin.	Visible on a bearing of 266°.
13020 G 5468	-Second Narrows Highway Bridge.	49° 17.7' N 123° 01.6' W	F.W.	148 45		W. side of roadway.	Center light located on bottom of span. Floodlight pointed down.
13028 G 5468.2	--(lower).	49° 18.0' N 123° 01.0' W	F.G.	144 44			Marks center of navigation channel visible from E. and W. approach.
13032 G 5468.2	--(upper).	49° 17.7' N 123° 01.5' W	F.Y.	164 50			Marks center of navigation channel from W. approach.
13033 G 5473	-Second Narrows, E. of railway bridge.	49° 17.8' N 123° 00.6' W	Q.G.	27 8	6	White square skeleton tower, green band at top, on 3-pile dolphin.	
13034 G 5471.3	-Riverside East.	49° 17.8' N 123° 01.1' W	Fl.G. period 4s	27 8	7	White square skeleton tower, green band at top, on 6-pile dolphin.	
13035 G 5469.9	-CN Railway Bridge.	49° 17.7' N 123° 01.5' W	Dir.F.W.R.G.		10		F.G. 263°-264°, Al.W.G.-265°, F.W.-267°, Al.W.R.-268°, F.R.-270°. W. sector indicates preferred channel.
13040 G 5473.4	--E.	49° 17.9' N 122° 59.8' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	11 3	7	On center of 19-pile dolphin.	Radar reflector.
13044 G 5474	-Berry Point.	49° 17.7' N 122° 59.2' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	30 9	9	Skeleton tower on 9-pile dolphin.	
-INDIAN ARM:							
13046 G 5481	--Woodlands.	49° 20.5' N 122° 55.2' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	14 4	4	White round tower with green band at top.	Lights continue up Indian Arm. Radar reflector.
13047 G 5481.2	-Twin Islands.	49° 21.1' N 122° 53.4' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	30 9	5	White tower, red band at top.	
13048 G 5477	Gosse Point.	49° 17.6' N 122° 55.5' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	27 8	5	White cylindrical tower, red band at top, on 6-pile dolphin.	
13049 G 5481.4	-Best Point.	49° 22.8' N 122° 52.8' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	19 6	5	White round tower.	Radar reflector.
13052 G 5476	-Roche Point.	49° 18.0' N 122° 57.4' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	25 8	4	White cylindrical tower on 3-pile dolphin.	

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BRITISH COLUMBIA-CANADA							
13056 G 5478	-Burns Point.	49° 17.6' N 122° 55.1' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	15 5	7	White round tower, green band at top.	
13060 G 5479	-Carraholly Point.	49° 17.6' N 122° 54.5' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	16 5	5	White round tower, green band at top.	
13061 G 5479.2	-Carraholly Range, front.	49° 17.7' N 122° 53.9' W	F.Y.	24 7	10	Square skeleton tower on 4-pile dolphin, white trapezoidal daymark, red stripe.	
13062 G 5479.21	--Rear, 218 meters 277°05' from front.	49° 17.7' N 122° 54.1' W	F.Y.	49 15	10	Square skeleton tower on 4-pile dolphin, white trapezoidal daymark, red stripe.	
13064 G 5480	-Reed Point.	49° 17.5' N 122° 52.4' W	Q.R.	32 10	3	Skeleton tower, white rectangular daymark, red band at top, on 3-pile dolphin.	
13065 G 5482	Croker Island South.	49° 25.8' N 122° 51.8' W	Fl.(2)W. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	18 6	5	White round tower.	Radar reflector.
13080 G 5430	-Burrard Bridge, N. pier.	49° 16.5' N 123° 08.2' W	Dir.F.W.R.G.	21 6	11	Mast.	R. 128°-131°, W.-132°, G.-135°.
13086 G 5426.8	-Spanish Banks No. 2.	49° 17.4' N 123° 14.8' W	Fl.(2)R. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	24 7	5	White round tower, red band at top, on 9-pile dolphin.	Radar reflector.
13087 G 5426.6	-Spanish Bank.	49° 17.3' N 123° 13.5' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	23 7	6	White round tower, red band at top, on 9-pile dolphin.	Radar reflector.
13088 G 5427.2	-English Bay Anchorage, E.	49° 16.5' N 123° 11.3' W	Q.Y.	16 5	8	Mast on railing.	Private light.
13090 G 5398.8	Westshore Terminals Jetty, W. Head.	49° 00.7' N 123° 10.0' W	Fl.Y.				Private light.
13091 G 5398.85	-Elbow.	49° 00.7' N 123° 09.8' W	Fl.Y.				Private light.
13100	<i>Roberts Bank Buoy TA.</i>	49° 04.4' N 123° 22.8' W	Fl.Y. period 4s			Yellow buoy.	Radar reflector.
	RACON		O(---)				
13112 G 5400	-Roberts Bank.	49° 05.3' N 123° 18.6' W	Fl.W. period 4s	36 11	10	White round tower, red band at top, concrete building on 8 piles.	
	-RACON		N(-•)				(3 & 10cm)
13113 G 5399	--Entrance Range, front.	49° 01.5' N 123° 08.6' W	Q.Y.	41 12	14	Square skeleton tower, red daymark, white stripe.	
13113.1 G 5399.1	---Rear, 250 meters 032° from front.	49° 01.7' N 123° 08.5' W	Q.Y.	63 19	14	Square skeleton tower, red daymark, white stripe.	
13116 G 5401	-Sand Heads.	49° 06.4' N 123° 18.2' W	Fl.G. period 5s fl. 0.1s, ec. 4.9s	44 13	16	White cylindrical tower.	
13120 G 5402	-N. side jetty, No. 1.	49° 06.3' N 123° 18.2' W	Fl.G. period 4s	22 7	8	White round tower, green band at top.	
13122 G 5402.5	-Northside Jetty 1A.	49° 06.5' N 123° 17.7' W	Fl.(3)G. period 12s	20 6	4	Square skeleton tower, green and white rectangular daymarks.	
13128 G 5403	-Beacon No. 3.	49° 06.7' N 123° 17.2' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	19 6	5	White round tower, green band at top.	Radar reflector.

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BRITISH COLUMBIA-CANADA							
13130 <i>G 5403.5</i>	-Beacon 3A.	49° 06.9' N 123° 16.8' W	Fl.(3)G. period 12s	21 6	5	White round tower, green band at top.	
13136 <i>G 5404</i>	-Northside Jetty 5.	49° 07.2' N 123° 16.2' W	Fl.(3)G. period 12s	24 7	5	Square skeleton tower on 3-pile dolphin, green and white rectangular daymarks.	
13138 <i>G 5404.5</i>	-Beacon 5A.	49° 07.5' N 123° 15.5' W	Fl.(3)G. period 12s	19 6	8	White round tower, green band at top.	Radar reflector.
13144 <i>G 5405</i>	-Northside Jetty 7.	49° 08.0' N 123° 15.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	17 5	5	Square skeleton tower, green and white rectangular daymarks.	
13148 <i>G 5406</i>	-Beacon No. 7A.	49° 07.9' N 123° 14.5' W	Q.G.	18 6	5	White round tower, green band at top.	Radar reflector.
13152 <i>G 5410</i>	-Wing Dam Range, front.	49° 08.0' N 123° 14.0' W	F.Y.	31 9	17	Square skeleton tower, red daymark, black stripe.	
			F.G.	32 10	4	Same tower.	Visible upstream.
13156 <i>G 5410.1</i>	--Rear, 715 meters 057°25' from front.	49° 08.2' N 123° 13.7' W	F.Y.	72 22	17	Square skeleton tower, red daymark, black stripe.	
13160 <i>G 5408</i>	-Beacon No. 11, on jetty.	49° 07.9' N 123° 13.6' W	Fl.G. period 4s	16 5	4	Square skeleton tower, green and white rectangular daymarks.	
13164 <i>G 5413</i>	-Northside Jetty 13, on N. side.	49° 07.8' N 123° 12.8' W	Fl.(3)G. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	17 5	4	Square skeleton tower on 9-pile dolphin, green and white rectangular daymarks.	
13168	-Garry Point West.	49° 07.5' N 123° 12.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	21 6	6	Square skeleton tower on 3-pile dolphin, green and white rectangular daymarks.	
NORTH ARM ENTRANCE:							
13176 <i>G 5416.2</i>	-Westerly.	49° 15.4' N 123° 16.8' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	24 7	9	White round tower.	
13180 <i>G 5416.4</i>	--North Arm breakwater.	49° 15.3' N 123° 16.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	11 3	4	Black and white mast, green square daymark.	
13188 <i>G 5417</i>	--North Arm Third.	49° 14.0' N 123° 15.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	21 6	3	Red and white triangular daymark on long pile of 3-pile dolphin.	
13192 <i>G 5418</i>	--Inner (Easterly).	49° 13.6' N 123° 13.7' W	Q.R.	20 6	3	Long pile of 3-pile dolphin.	
13196	<i>Canoe Pass Buoy T14.</i>	49° 02.3' N 123° 15.4' W	Fl.R. period 4s			STARBOARD (B) R, pillar.	Bell. Radar reflector.
RACON			K(- • -)				
13214 <i>G 5161</i>	International Boundary, B.	49° 00.1' N 123° 05.6' W	Fl.Y. period 4s	15 5	3	1-pile dolphin.	
13216 <i>G 5160.1</i>	-C.	49° 00.1' N 123° 02.0' W	Fl.Y. period 4s	25 8	3	Concrete structure.	
13220 <i>G 5160</i>	-D.	49° 00.1' N 123° 01.2' W	Fl.Y. period 4s fl. 0.5s, ec. 3.5s	36 11	3	Concrete structure.	
13220.1 <i>G 5160.2</i>	-E.	49° 00.1' N 122° 58.4' W	Fl.Y. period 4s	15 5	3	1-pile dolphin.	

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BRITISH COLUMBIA-CANADA							
13220.2 G 5160.3	- F.	49° 00.1' N 122° 55.5' W	Fl.Y. period 4s	15 5	3	1-pile dolphin.	
13220.3 G 5160.9	- G.	49° 00.1' N 122° 52.6' W	Fl.Y. period 4s	15 5	3	1-pile dolphin.	
13220.4 G 5160.95	- H.	49° 00.1' N 122° 49.8' W	Fl.Y. period 4s	15 5	3	1-pile dolphin.	
13220.5	-Kirkland Island West, N. side of island.	49° 06.7' N 123° 06.1' W	Fl.(3)R. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	20 6		White round tower, red band at top.	
13221	-Kirkland Island, breakwater.	49° 06.9' N 123° 05.1' W	Q.R.	26 8		Round mast, red and white triangular daymark.	
13222 G 5413.22	-Kirkland Island Range, front.	49° 06.8' N 123° 05.1' W	F.Y.	28 8	11	Square skeleton tower on 9-pile dolphin, white daymark, red stripe.	
13223 G 5413.23	--Rear, about 270 meters 221°10' from front.	49° 06.8' N 123° 05.2' W	F.Y.	48 15	11	Square skeleton tower on 9-pile dolphin, white daymark, red stripe.	
13223.1 G 5413.3	Tilbury Range 2, front.	49° 09.0' N 123° 02.3' W	Q.Y.	25 8	13	Square skeleton tower, white daymark, red stripe.	Visible on range line only.
13223.2 G 5413.31	-Rear, 297 meters 041° from front.	49° 09.1' N 123° 02.2' W	Iso.Y. period 2s	54 16	15	Square skeleton tower, white daymark, red stripe.	Visible on range line only.
13223.5 G 5413.47	Shoal Point, E. end of trifurcation wall.	49° 11.7' N 122° 54.9' W	Q.G.	10 3	4	Mast on 3-pile dolphin.	
13224 G 5160.96	International Boundary I.	49° 00.1' N 122° 46.9' W	Fl.Y. period 4s	42 13	3	Concrete structure.	
13232 G 5150	Crescent Beach.	49° 00.7' N 122° 56.3' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	22 7	5	7-pile dolphin, red and white triangular daymark.	
13236 G 5150.5	Crescent Channel.	49° 03.0' N 122° 54.0' W	Q.R.	14 4	3	Red and white triangular daymark on 3-pile dolphin.	
13238 G 5149.5	White Rock Breakwater.	49° 01.1' N 122° 48.5' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	15 5	5	3-pile dolphin.	
13240 G 5396	Tsawwassen Ferry, breakwater.	49° 00.1' N 123° 07.9' W	Q.R.	26 8	5	White round tower, red band at top.	Radar reflector.
13244 G 5397	-S., off south breakwater.	49° 00.2' N 123° 08.2' W	V.Q.Y.			On dolphin.	Horn: 1 bl. ev. 20s (bl. 1s, si. 19s). Operated for ferry movements only. Private light. Radar reflector.
13244.5 G 5398.6	Tsawwassen.	49° 00.4' N 123° 08.7' W	Fl.Y. period 4s fl. 0.5s, ec. 3.5s	30 9			Private light. Radar reflector.
13248 G 5499	Clarke Rock.	49° 13.5' N 123° 56.5' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	16 5	4	White cylindrical tower, green band at top.	Radar reflector.
13252 G 5498	Hudson Rocks.	49° 13.4' N 123° 55.6' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	30 9	7	White cylindrical tower, red band at top.	Radar reflector.
13256 G 5489	Snake Island.	49° 13.1' N 123° 53.4' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	32 10	7	White cylindrical tower, green band at top.	Radar reflector.
13260 G 5496	Jesse Island.	49° 12.0' N 123° 57.0' W	Q.R.	24 7		White round tower, red band at top.	
13264 G 5490	Descanso Bay.	49° 11.0' N 123° 52.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	18 5	6	White cylindrical tower.	Radar reflector.

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BRITISH COLUMBIA-CANADA							
NANAIMO HARBOR:							
13268 G 5492	-Gallows Point.	49° 10.2' N 123° 55.0' W	Iso.W. period 2s	24 7	12	White round tower, red band;	
13272 G 5491	-Jack Point.	49° 10.0' N 123° 53.6' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	15 5		White round tower, green band at top.	
13276 G 5493	-S. side of entrance to harbor.	49° 10.0' N 123° 54.9' W	Q.G.	26 8	5	White round tower, green band at top, on 3-pile dolphin.	
13284 G 5493.5	-Colliery Range, front.	49° 09.9' N 123° 55.8' W	Iso.G. period 1.5s	48 14	16	Mast, red daymark, white stripe.	
13288 G 5493.51	--Rear, 106.7 meters 254°08' from front.	49° 09.9' N 123° 55.9' W	Iso.G. period 2s	77 23	17	Mast, red daymark, white stripe.	
13289 G 5494.44	-Gabriola Ferry Landing, off W. head.	49° 10.0' N 123° 55.8' W	F.Y.				
13290 G 5494.5	-Ferry terminal.	49° 10.0' N 123° 55.9' W	Q.W.R.G.	20 6			R. 250°-257°, W.-270°30', G.-278°. White sector is preferred channel. Private light.
13300 G 5488	Entrance Island.	49° 12.6' N 123° 48.5' W	Fl.W. period 5s fl. 0.1s, ec. 4.9s	62 19	16	White round tower; 35.	
13304 G 5485	Thrasher Rock.	49° 09.0' N 123° 38.4' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	36 11	7	White round tower, green band at top.	
RACON X(- • • -)							
13308 G 5486.2	Silva Bay.	49° 09.0' N 123° 41.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	15 5	4	White mast, black, white and green square daymark.	
13312 G 5486	Tugboat Island.	49° 09.0' N 123° 41.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	20 6	5	White round tower.	Radar reflector.
13316 G 5486.4	Breakwater Island.	49° 07.8' N 123° 40.9' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	20 6	4	Mast.	
13320 G 5486.5	Rogers Reef.	49° 08.0' N 123° 41.0' W	Q.W.	18 5	5	White round tower.	
13324 G 5486.44	Gabriola Passage, E.	49° 07.5' N 123° 41.2' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	17 5	4	White round tower, green band at top.	Radar reflector.
13328 G 5486.8	Dibuxante Point.	49° 07.6' N 123° 42.9' W	Q.R.	21 6	4	White round tower, red band at top.	
13332 G 5390	Joan Point, W. side of Dodd Narrows.	49° 08.1' N 123° 49.0' W	Q.W.	29 9	5	White round tower, green band at top.	Radar reflector.
13336 G 5388	Danger Reefs.	49° 03.2' N 123° 42.9' W	Q.W.	22 7	5	White round tower.	0.5 mile berth should be given when passing southward. Radar reflector.
13340 G 5386	Coffin Island.	48° 59.0' N 123° 45.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	19 6	6	White round tower, green band at top.	Radar reflector.
13344 G 5382	Preedy Harbor.	48° 58.0' N 123° 41.0' W	Q.R.	17 5		White round tower, red band at top.	Radar reflector.
13348 G 5382.2	Hudson Island.	48° 58.0' N 123° 40.4' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	16 5		White round tower, red band.	Radar reflector.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BRITISH COLUMBIA-CANADA							
13352 G 5383	Alarm Rock.	48° 57.5' N 123° 40.4' W	Fl.(2)W. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	17 5	6	White round tower.	Radar reflector.
BARE POINT:							
13356 G 5384	Bare Point, Chemainus Bay.	48° 55.8' N 123° 42.3' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	31 9	5	White round tower, green band at top.	Radar reflector.
13360 G 5385	-Chemainus Bay Range, front, N. end of wharf.	48° 55.5' N 123° 42.7' W	F.G.	27 8	13	Square skeleton tower, red daymark, white stripe.	
13364 G 5385.1	--Rear, 226 meters 198°50' from front.	48° 55.4' N 123° 42.9' W	F.G.	45 14	13	Triangular tower, red daymark, white stripe.	
13368 G 5378	North Reef, E. side of Stuart Channel.	48° 54.8' N 123° 37.5' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	22 7	7	White cylindrical tower.	Radar reflector.
13372 G 5374	Crofton, on SE. Shoal Island.	48° 52.8' N 123° 37.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	19 6	6	White cylindrical tower.	Radar reflector.
13380 G 5376.5	Grave Point.	48° 50.9' N 123° 35.6' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	17 5		Mast.	
13384 G 5376.6	Octopus Point.	48° 47.9' N 123° 33.8' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	20 6		Mast.	
13388 G 5348	Burial Island.	48° 46.2' N 123° 33.8' W	Q.R.	28 8		White round tower, red band at top.	
13392 G 5346.4	Separation Point.	48° 44.6' N 123° 34.1' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	20 6	7	White round tower.	
13396 G 5346	Patey Rock, entrance to Saanich Inlet.	48° 42.0' N 123° 31.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	23 7	6	White round tower, green band at top.	
13398 G 5349	Wain Rock.	48° 41.3' N 123° 29.3' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	23 7	4	White round tower, green band at top.	
13399	Patricia Bay Breakwater.	48° 39.2' N 123° 27.0' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	17 5	4	Mast, red and white triangular daymark.	
13400 G 5350	Senanus Island.	48° 36.0' N 123° 29.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	28 8	6	White cylindrical tower.	Radar reflector.
13408 G 5394	-Race Point, Galiano Island Range, front.	49° 00.8' N 123° 35.1' W	F.Y.	23 7	9	White round tower; 13.	Horn: 1 bl. ev. 29s.
13412 G 5394.1	--Virago Point, rear, 445.2 meters 196°07' from front.	49° 00.5' N 123° 35.2' W	F.Y.	34 10	9	White square tower.	
13416 G 5394.4	-Virago Rock.	49° 00.8' N 123° 35.5' W	Q.W.R.	22 7	5	White round structure, green band.	R. 024°-229°, W. elsewhere. Radar reflector.
13420 G 5379.4	Norway Island.	48° 58.9' N 123° 37.6' W	Fl.Y. period 4s	10 3		Mast.	Maintained April 30 to Oct. 1. Private light.
13424 G 5379.2	Jackscrew Island.	48° 57.0' N 123° 35.1' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	19 6	6	White round tower, red band at top.	
13428 G 5379	Southey Point, N. extremity of Saltspring Island.	48° 56.7' N 123° 35.7' W	Q.W.	20 6	5	White cylindrical tower.	Radar reflector.

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BRITISH COLUMBIA-CANADA							
13432 G 5378.6	Grappler Rock.	48° 56.4' N 123° 36.1' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	20 6	4	White cylindrical tower, red band at top.	Radar reflector.
13436 G 5380	Walker Rock.	48° 55.4' N 123° 29.6' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	24 7	7	White cylindrical tower.	Radar reflector.
			F.W.R.G.	23 7	7		G. 082°-088°, W.-092°, R.-099°.
13440 G 5381	Saltspring Island.	48° 55.4' N 123° 33.1' W	F.W.R.G.	21 6	8	White cylindrical tower.	R. 264°-268°, W.-272°, G.-276°. White sector indicates preferred channel.
13448 G 5366	Philimore Point.	48° 52.3' N 123° 23.6' W	Q.R.	24 7		White round tower, red band at top.	
13456 G 5369	Peile Point.	48° 51.0' N 123° 24.3' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	25 8	7	White round tower.	
13460 G 5370	Nose Point.	48° 50.6' N 123° 25.1' W	Q.W.	28 8	6	White round tower.	
13464 G 5370.4	Long Harbor, on rock.	48° 51.1' N 123° 26.5' W	Q.R.	19 6		White round tower, red band on top.	
13472 G 5371	Ganges Harbor.	48° 50.2' N 123° 27.2' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	27 8	5	White round tower, red band.	
13476 G 5372	-Grace Islet.	48° 51.1' N 123° 29.5' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	28 8	5	White round tower, green band.	
ACTIVE PASS:							
13480 G 5360	-Georgina Point.	48° 52.4' N 123° 17.5' W	Fl.W. period 10s fl. 0.2s, ec. 9.8s	57 17	17	White round tower; 35.	High intensity flash superimposed every 10s. Emergency light. Radiobeacon.
13488 G 5362	-Mary Anne Point.	48° 51.7' N 123° 18.8' W	Q.W.	25 8	7	White round tower, green band.	Radar reflector.
13492 G 5365	-Galiano Island.	48° 51.7' N 123° 21.0' W	Q.G.	21 6	5	White round tower, green band at top.	Radar reflector.
13496 G 5364	-Helen Point.	48° 51.4' N 123° 20.7' W	Q.W.	23 7	7	White round tower, red band.	
13500 G 5367	Enterprise Reef.	48° 50.7' N 123° 20.9' W	Q.R.	19 6	4	White round tower, red band at top on 4-pile dolphin.	Radar reflector.
			F.W.R.	11 3	4	Same structure.	W. 107°30'-110°, R.-121°, W.-123°30'.
13504 G 5368	Portlock Point, E. extremity of Prevost Island.	48° 49.7' N 123° 21.1' W	Q.W.	51 16	7	White tower.	
13508 G 5373	Conconi Reef.	48° 49.5' N 123° 17.5' W	Q.W.	20 6	5	White cylindrical tower, red band at top.	Radar reflector.
13509 G 5368.5	Port Washington, Boat Island.	48° 48.7' N 123° 19.4' W	Fl.(2)R. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	23 7	3	White cylindrical tower, red band at top.	Radar reflector.
13510 G 5359.5	Fane Island.	48° 48.4' N 123° 16.1' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	26 8		White round tower, green band at top.	

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BRITISH COLUMBIA-CANADA							
13512 G 5356	Channel Islands.	48° 48.1' N 123° 23.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	29 9	7	White round tower.	
13520 G 5355.4	Mouat Point.	48° 46.2' N 123° 18.8' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	22 7	6	White round tower, red band at top.	Radar reflector.
13524 G 5354	Canoe Rock.	48° 44.0' N 123° 20.4' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	19 6	6	White cylindrical tower, red band at top.	Radar reflector.
BRITISH COLUMBIA-WASHINGTON							
13528 G 5353	Kanaka Bluff.	48° 43.6' N 123° 23.1' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	25 8	6	White cylindrical tower, red band at top.	Radar reflector.
13532 G 5352	Fulford Harbor.	48° 46.2' N 123° 27.1' W	Fl.W. period 4s				Private light.
13536 G 5351.6	-Jackson Rock.	48° 45.0' N 123° 26.0' W	Q.R.	19 6		White round tower, red band at top.	Radar reflector.
13540 G 5351	Isabella Island.	48° 44.0' N 123° 26.0' W	Q.W.	28 8	5	White cylindrical tower, green band at top.	Radar reflector.
13544 G 5345.9	Shute Reef.	48° 42.6' N 123° 25.8' W	Q.R.	23 7	4	White cylindrical tower.	
13548 G 5345.8	Colburne Passage South.	48° 41.8' N 123° 25.5' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	15 4	3	White cylindrical tower, green band at top on 4-pile dolphin.	
13556 G 5345.2	Coal Island, on Fir Cone Point.	48° 41.4' N 123° 23.3' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	24 7	4	White cylindrical tower, green band at top.	Radar reflector.
13560 G 5343.5	Fernie Island.	48° 40.7' N 123° 23.5' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	22 7	4	White cylindrical tower, green band at top.	Radar reflector.
13564 G 5344.6	Tsehum Harbor.	48° 40.3' N 123° 24.2' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	16 5	3	Platform attached to long pile of 3-pile dolphin, red and white triangular daymark.	
13565 G 5344.62	-Entrance.	48° 40.3' N 123° 24.3' W	Q.R.	12 4	3	Single pile, red and white triangular daymark.	
13566 G 5344.61	-Breakwater.	48° 40.3' N 123° 24.2' W	Fl.G.				Private light.
13568 G 5344.7	Blue Heron Basin Entrance.	48° 40.4' N 123° 24.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	15 5	3	3-pile dolphin, black, white and green square daymark.	
13572 G 5344.74	Blue Heron Basin.	48° 40.4' N 123° 25.0' W	Q.G.	12 4	2	3-pile dolphin, black, white and green square daymark.	
13576 G 5345.3	Goudge Island.	48° 41.3' N 123° 23.8' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	19 6	5	White cylindrical tower.	Radar reflector.
13580 G 5345.7	Clive Island, on rock SE. of Piers Island.	48° 42.1' N 123° 24.2' W	Q.G.	17 5	4	White cylindrical tower, green band at top.	

For other lights of the U.S., see the U.S. Coast Guard Light Lists.

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BRITISH COLUMBIA-WASHINGTON							
13584 G 5152	Point Roberts.	48° 58.0' N 123° 05.0' W	Fl.(2)W. period 15s fl. 0.1s, ec. 4.9s fl. 0.1s, ec. 9.9s	30 9	15	Diamond shaped daymark divided into four diamond shapes colored so that horizontal diamonds are white and vertical red with white reflective border; 25.	
13588 G 5142	Patos Island (U.S.), NW. end of larger island, N. entrance to Haro Strait.	48° 47.3' N 122° 58.3' W	Fl.W.R. period 6s	52 16	W. 9 R. 6	White square framework tower on fog signal building; 38.	R. 011°30'-059°30' covers 6-fathom shoal. R. 097°-114° covers Rosenfield Rock.
13592 G 5359	Croker Point.	48° 46.5' N 123° 12.2' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	15 5		Mast, red and white triangular daymark.	
13596 G 5358	Saturna Island.	48° 47.0' N 123° 02.7' W	Fl.W. period 15s fl. 0.1s, ec. 14.9s	121 37	17	Red square skeleton tower.	
			F.R.	102 31	8		Visible 156°-211°30'.
13600 G 5140	Skipjack Island (U.S.), NW. end.	48° 44.0' N 123° 02.3' W	Fl.W. period 4s	55 17	5	Steel tower, white and black diamond daymark.	Obscured 261°-347°.
13604 G 5357.4	Gowlland Point.	48° 44.1' N 123° 11.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	35 11	7	White round tower, green band.	
For other lights of the U.S., see the U.S. Coast Guard Light Lists.							

BRITISH COLUMBIA-CANADA							
13608 G 5357	Hay Point, Bedwell Harbor.	48° 44.7' N 123° 13.7' W	Q.R.	21 6	4	White cylindrical tower, red band at top.	Radar reflector.
HARO STRAIT:							
13612 G 5340	-Turn Point (U.S.), NW. end of Stuart Island.	48° 41.0' N 123° 14.0' W	Fl.W. period 2.5s	44 13	8	White concrete tower; 16.	Obscured 260°30'-357°. Horn: 2 bl. ev. 30s.
13616 G 5339	-Tom Point.	48° 39.7' N 123° 16.4' W	Fl.W.G. period 4s fl. 0.5s, ec. 3.5s	21 6	7	White round tower, green band at top.	G.171°-181°, W.-171°. Radar reflector.
13617 G 5339.4	-Mandarte Island North.	48° 38.3' N 123° 17.8' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	18 6	4	White cylindrical tower, green band at top.	Radar reflector.
13617.3 G 5341	-Forrest Island.	48° 39.3' N 123° 19.4' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	27 8	4	White round tower, red band at top.	Radar reflector.
13620 G 5340.4	-Arachne Reef.	48° 41.1' N 123° 17.6' W	Fl.(2+1)G. period 6s fl. 0.3s, ec. 0.4s fl. 0.3s, ec. 1.2s fl. 0.3s, ec. 3.5s	19 6	6	White cylindrical tower, green band at top.	Radar reflector.
13624 G 5338	-Kellett Bluff (U.S.), SW. side of Henry Island.	48° 35.3' N 123° 12.1' W	Fl.W. period 4s fl. 0.4s, ec. 3.6s	80 24	7	Small white building, white and black diamond daymark.	
13628 G 5337	Kelp Reefs.	48° 32.9' N 123° 14.2' W	Q.W.	35 11	10	White tower.	
13632 G 5336	-Zero Rock.	48° 31.4' N 123° 17.5' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	28 8	7	White round tower, green band at top.	Radar reflector.
13636 G 5335	-Lime Kiln.	48° 30.9' N 123° 09.2' W	Fl.W. period 10s	55 17	17	Octagonal tower attached to fog signal building; 38.	Horn: 1 bl. ev. 30s. Emergency light.

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BRITISH COLUMBIA-CANADA							
13640 G 5340.6	Point Fairfax.	48° 41.9' N 123° 17.9' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	29 9	7	White round tower; 20.	
13644 G 5342.4	Little Group Rock.	48° 41.0' N 123° 22.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	16 5	6	White cylindrical tower.	Radar reflector.
13647 G 5344.56	Roberts Bay.	48° 40.0' N 123° 23.5' W	Fl.G. period 4s	29 9	4	Green square skeleton tower, white and black square daymark.	
-Sidney channel:							
13648 G 5342	--Dock Island.	48° 40.3' N 123° 21.4' W	Q.G.	37 11	4	White cylindrical tower, green band at top.	
13652 G 5341.4	--Sidney Spit.	48° 39.2' N 123° 20.8' W	Fl.(3)R. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	23 7	4	White cylindrical tower, red band at top.	Radar reflector.
13654 G 5341.6	--Sidney Breakwater.	48° 39.1' N 123° 23.5' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	21 6	4	White cylindrical tower, red band at top.	Radar reflector.
13664 G 5345	-James Island.	48° 37.0' N 123° 22.8' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	18 6	5	Long pile of a 5-pile dolphin.	
13672 G 5337.5	--D'Arcy Island.	48° 33.9' N 123° 17.1' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	26 8	7	White round tower, red band at top.	
13680 G 5334.5	-Baynes Channel.	48° 27.0' N 123° 15.8' W	Q.G.	21 6	5	White round tower, green band at top.	Radar reflector.
13684 G 5334	Discovery Island.	48° 25.5' N 123° 13.6' W	Fl.W. period 5s fl. 0.1s, ec. 4.9s	93 28	15	Cylindrical tower.	
13688 G 5330	Lewis Reef.	48° 25.6' N 123° 16.8' W	Q.R.	22 7	5	White round tower, red band at top.	Radar reflector.
13692 G 5332	Fiddle Reef.	48° 25.8' N 123° 17.0' W	Q.W.R.	23 7	7	White round tower.	R. 013°20'-062°, W.- 170°30', R.-216°, W.- 013°20'. Radar reflector.
13696 G 5333	Mary Tod Island, breakwater.	48° 25.5' N 123° 17.9' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	20 6	5	Mast.	
13700 G 5328	Trial Islands.	48° 23.7' N 123° 18.3' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	93 28	13	White round tower; 33.	
13704 G 5310	-Brotchie Ledge.	48° 24.4' N 123° 23.2' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	39 12	7	White cylindrical tower, green band at top.	Radar reflector.
VICTORIA:							
13708 G 5312	-Ogden Point, breakwater.	48° 24.8' N 123° 23.6' W	Q.R.	40 12		White tower, red band at top; 22.	
13712 G 5312.4	-Berens Island.	48° 25.5' N 123° 23.5' W	Q.G.	20 6	4	White cylindrical tower, green band at top.	Radar reflector.
	-AVIATION LIGHT.		Q.W.				Operates for 60 seconds. Activated by the Flight Services Station for aircraft landings and take- offs.

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BRITISH COLUMBIA-CANADA							
13716 G 5320	-Shoal Point, W. of shoal.	48° 25.4' N 123° 23.3' W	Q.R.	19 6	4	White round tower, red band at top, on 19-pile dolphin.	Radar reflector.
	-AVIATION LIGHT.		Q.W.				Aero. Occasional.
13720 G 5322	-Pelly Island.	48° 25.5' N 123° 23.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	19 6	3	White round tower, green band at top; 21.	
	-AVIATION LIGHT.		Q.W.				Aero. Occasional.
13724 G 5324	-Laurel Point.	48° 25.5' N 123° 22.5' W	Q.R.	18 6	3	White cylindrical tower, red band at top.	Radar reflector.
	-AVIATION LIGHT.		Q.W.				Operates for 60s. Activated by the Flight Services Station for aircraft landings and take- offs.
13728 G 5325	-Tuzo Rock.	48° 25.5' N 123° 22.3' W	Q.G.	19 6	3	White cylindrical tower, green band at top.	Radar reflector.
13730 G 5326.5	-Point Hope Maritime Shipyard.	48° 25.9' N 123° 22.5' W	Fl.W.				Private light.
13732	Victoria Harbor Buoy VH.	48° 22.5' N 123° 23.6' W	Fl.Y. period 4s			Yellow buoy.	
	RACON		K(- • -)				
	ESQUIMALT:						
13736 G 5307	-Scroggs Rocks.	48° 25.6' N 123° 26.3' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	20 6	5	White round tower, red band.	Radar reflector.
13740 G 5306	-Fisgard Island.	48° 25.8' N 123° 26.8' W	Iso.W.R. period 2s	71 22		White round tower; 48. Floodlit.	R. 195°-332°, W. elsewhere.
13744 G 5308	-Inskip Islands Range, front.	48° 26.5' N 123° 26.3' W	F.Y.	19 6	11	Mast, white daymark, red stripe.	
13748 G 5308.1	--Rear, 91 meters 015° from front.	48° 26.6' N 123° 26.3' W	F.Y.	35 11	11	Tripod skeleton tower, white daymark, red stripe.	
BRITISH COLUMBIA-WASHINGTON							
13760 G 5300	Race Rocks.	48° 17.9' N 123° 31.9' W	Fl.W. period 10s fl. 0.3s, ec. 9.7s	118 36	19	Round tower, black and white bands; 80.	Horn: 3 bl. ev. 60s (bl. 2s, si. 3s, bl. 2s, si. 3s, bl. 2s, si. 3s, bl. 2s, si. 48s). Horn points 150°.
13764 G 4772	New Dungeness.	48° 10.9' N 123° 06.6' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	67 20	18	White conical tower on dwelling; 63.	Emergency light Iso.W. 6s. Horn: 1 bl. ev. 30s.
13768 G 4768	Ediz Hook.	48° 08.4' N 123° 24.1' W	Al.Fl.(2)W.G. period 10s G. fl. 0.1s, ec. 2.4s W. fl. 0.1s, ec. 2.4s W. fl. 0.1s, ec. 4.9s	50 15	W. 18 G. 16	Skeleton tower.	Horn: (about 600 yards E.) 1 bl. ev. 30s.
	SOOKE HARBOR						
13772 G 5296	Whiffin Spit.	18° 21.5' N 123° 42.7' W	Q.W.	22 7	7	White round tower, green band at top.	Horn: 1 bl. ev. 30s. Operates on request only.

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BRITISH COLUMBIA-WASHINGTON							
13776 G 5296.2	-Harbor Outer Range, front.	48° 21.6' N 123° 42.4' W	F.Y.	9 3	9	1-pile dolphin, white daymark, red stripe.	
13780 G 5296.21	--Rear, 101 meters 049° 44' from front.	48° 21.6' N 123° 42.3' W	F.Y.	19 6	9	1-pile dolphin, white daymark, red stripe.	
13784 G 5296.3	-Harbor Inner Range, front.	48° 21.8' N 123° 42.6' W	F.Y.	9 3	9	1-pile dolphin, white daymark, red stripe.	
13788 G 5296.31	--Rear, 45 meters 007° 38' from front.	48° 21.8' N 123° 42.5' W	F.Y.	16 5	9	1-pile dolphin, white daymark, red stripe.	
13800 G 5292	Sheringham Point.	48° 22.6' N 123° 55.3' W	Fl.G. period 15s fl. 0.2s, ec. 14.8s	72 22	9	White hexagonal tower; 64.	
13816 G 4756	Cape Flattery.	48° 23.5' N 124° 44.2' W	Fl.(2)W. period 20s fl. 0.2s, ec. 4.8s fl. 0.2s, ec. 14.8s	164 50	14	White tower; 66.	Emergency light.
13820 G 5288	Carmanah Point.	48° 36.7' N 124° 45.0' W	Fl.W. period 5s fl. 0.2s, ec. 4.8s	182 56	19	White octagonal tower; 30.	Emergency light.
13824 G 5287	Clo-oose.	48° 39.6' N 124° 40.7' W	Fl.(2)W. period 5s		2	Mast.	Private light.
13828 G 5280	Pachena Point.	48° 43.3' N 125° 05.8' W	Fl.(2)W. period 7.5s fl. 0.4s, ec. 1.2s fl. 0.4s, ec. 5.5s	154 47	14	White round tower; 20.	Horn: 1 bl. ev 60s (bl. 6s, si. 54s). Horn points 150°.
BARKLEY SOUND:							
13832 G 5279	-Seabird Rocks.	48° 45.0' N 125° 09.2' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	66 20	6	White round tower, red band at top.	
13836 G 5256	- Cape Beale , entrance to sound, SE. point.	48° 47.2' N 125° 12.9' W	Fl.W. period 5s fl. 0.2s, ec. 4.8s	167 51	16	Red skeleton tower, white rectangular daymarks on 3 sides.	Obscured 182°-311°.
-Trevor Channel:							
13840 G 5257	--Bordelais Islets, on largest islet.	48° 49.1' N 125° 13.8' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	93 28	7	White cylindrical tower, green band at top.	
13848 G 5256.4	--Trevor Channel Entrance.	48° 48.7' N 125° 10.8' W	Dir.F.W.R.G.	44 13	8	White cylindrical tower.	R. 064°30'-068°30'. W.- 076°30', G.-080°30'. W. sector indicates preferred channel.
			Fl.R. period 4s fl. 0.5s, ec. 3.5s	54 17	5		Visible 360°.
13852 G 5258	--Aguilar Point.	48° 50.4' N 125° 08.4' W	Q.W.R.	16 5	5	White round tower, red band at top.	W. 055°30'-058°.
13856 G 5259	--Wizard Islet.	48° 51.5' N 125° 09.5' W	Fl.(2)W. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	16 5	6	White mast.	
13860 G 5260	--San Jose Islets, on westerly islet.	48° 54.1' N 125° 03.4' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	25 8	7	White cylindrical tower, red band at top.	Radar reflector.
13864 G 5261	--Assits Island, W. extremity.	48° 56.3' N 125° 01.9' W	Q.R.	14 4		White round tower, red band at top.	

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
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BRITISH COLUMBIA-WASHINGTON

-Alberni Inlet:

13868 <i>G 5262</i>	--Chup Point, E. side.	48° 57.3' N 125° 01.7' W	FI.G. period 4s fl. 0.5s, ec. 3.5s	14 4		White round tower, green band at top.	
13872 <i>G 5262.6</i>	--Limestone Islet.	48° 58.9' N 124° 58.3' W	Q.W.	28 8	6	White round tower.	
13876 <i>G 5263</i>	--Star Point, S. side, opposite Handy Creek.	48° 58.6' N 124° 56.8' W	FI.W. period 4s fl. 0.5s, ec. 3.5s	17 5	6	White round tower, red band at top.	

For other lights of the U.S., see the U.S. Coast Guard Light Lists.

BRITISH COLUMBIA-CANADA

BARKLEY SOUND:

-Alberni Inlet:

13880 <i>G 5264</i>	--Pocahontas Point.	48° 59.0' N 124° 55.1' W	Q.G.	20 6		White round tower, green band at top.	
13884 <i>G 5264.4</i>	--Spencer Creek.	48° 59.3' N 124° 53.5' W	FI.R. period 4s fl. 0.5s, ec. 3.5s	17 5		Mast, red and white triangular daymark.	
13888 <i>G 5265</i>	--Bilton Point.	49° 00.7' N 124° 52.3' W	FI.W. period 4s fl. 0.5s, ec. 3.5s	22 7	6	White round tower, green band at top.	
13892 <i>G 5266</i>	--Ten Mile Point.	49° 03.6' N 124° 50.4' W	FI.R. period 4s fl. 0.5s, ec. 3.5s	27 8	5	White round tower, red band at top.	
13896 <i>G 5267</i>	--Hocking Point.	49° 05.3' N 124° 49.9' W	FI.G. period 4s fl. 0.5s, ec. 3.5s	29 9		White round mast, green band at top.	
13900 <i>G 5268</i>	--Franklin River.	49° 06.2' N 124° 49.3' W	Q.R.	25 8	5	White round tower, red band at top, on 9-pile dolphin.	
13904 <i>G 5269</i>	--Macktush Creek.	49° 06.6' N 124° 49.3' W	Q.G.	24 7		White round tower, green band at top, on 9-pile dolphin.	
13908 <i>G 5270</i>	--Dunsmuir Point.	49° 09.2' N 124° 48.5' W	FI.W. period 4s fl. 0.5s, ec. 3.5s	22 7	6	White round tower, green band at top.	
13912 <i>G 5271</i>	--Stamp Narrows.	49° 11.0' N 124° 49.3' W	Q.G.	28 9		White round tower, green band at top, on 7-pile dolphin.	
13916 <i>G 5272</i>	--Lone Tree Point.	49° 11.0' N 124° 49.0' W	Q.R.	25 8		White round tower, red band at top.	
13920 <i>G 5273</i>	--Polly Point.	49° 13.0' N 124° 49.0' W	FI.R. period 4s fl. 0.5s, ec. 3.5s	14 4	5	White round tower, red band.	
13924 <i>G 5274</i>	--Hohm Island.	49° 13.7' N 124° 49.5' W	FI.W. period 4s fl. 0.5s, ec. 3.5s	27 8	6	White round tower.	
13928 <i>G 5276</i>	--Alberni.	49° 14.3' N 124° 49.3' W	FI.G. period 4s fl. 0.5s, ec. 3.5s	17 5	4	Pile, on 7-pile dolphin, black, white and green square daymark.	
13932 <i>G 5277</i>	--Somass River.	49° 14.7' N 124° 49.5' W	Q.G.	24 7		White round tower, green band at top, on 5-pile dolphin, white daymark with red stripe on S. side of tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BRITISH COLUMBIA-CANADA							
13936 G 5255	-Pill Point.	48° 57.9' N 125° 04.8' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	36 11	4	White cylindrical tower, red band at top.	Radar reflector.
13940 G 5254.5	-Baeria Rocks.	48° 57.0' N 125° 09.3' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	40 12	5	White mast.	
13944 G 5254.1	-Prideaux Island, Sechart Channel.	48° 56.6' N 125° 16.2' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	17 5		White round tower, green band at top.	
13948 G 5254	-Swale Rock, E. entrance to Sechart Channel, S. side.	48° 55.5' N 125° 13.3' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	30 9	6	White round tower.	
13952 G 5253.5	-Folger Island.	48° 49.8' N 125° 15.0' W	Fl.(3)R. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	132 40	5	White round tower.	
13956 G 5254.2	-Hand Island.	48° 57.1' N 125° 18.5' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	10 3	6	Mast.	
13960 G 5252	-Hand Island Passage.	48° 56.7' N 125° 19.6' W	Q.W.	28 8	5	White round tower, green band at top.	
13964 G 5254.3	-Lyllal Point.	48° 58.2' N 125° 19.3' W	Q.R.	29 9		White round tower, red band at top.	
13968 G 5252.2	-Richard Rock.	48° 59.3' N 125° 19.6' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	23 7		White round tower, green band at top.	
13972 G 5252.4	-Shears Island.	49° 00.0' N 125° 19.4' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	22 7		White round tower, red band at top.	
13976 G 5252.6	-Toquart Bay.	49° 00.7' N 125° 20.3' W	Q.G.	18 6		White round tower, green band at top.	
13980 G 5251	-Forbes Island.	48° 56.9' N 125° 24.6' W	Q.R.	42 13		White round tower, red band at top.	
13984 G 5250	-Benson Island.	48° 53.1' N 125° 22.7' W	Q.G.	26 8		White round tower, green band at top.	
13988 G 5253	-Coaster Channel.	48° 53.0' N 125° 19.1' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	19 6	6	White round tower.	
13992 G 5249	-Chrow Islands, on N. island.	48° 54.6' N 125° 28.3' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	31 10	7	Mast.	
13996 G 5247	-Francis Island.	48° 55.3' N 125° 31.3' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	26 8	7	Mast.	
14000 G 5246	-Amphitrite Point.	48° 55.3' N 125° 32.4' W	Fl.W. period 12s fl. 0.2s, ec. 11.8s	50 15	15	White rectangular tower, red top.	Horn: 1 bl. ev. 20s (bl. 2s, si. 18s).
CLAYOQUOT SOUND:							
14004 G 5242	-Lennard Island.	49° 06.6' N 125° 55.3' W	Fl.W. period 10s fl. 0.3s, ec. 9.7s	115 35	23	White round tower, red band at top; 58.	Horn: 2 bl. ev. 60s (bl. 3s, si. 3s, bl. 3s, si. 51s). Horn points 180° and 270°. Emergency light.
14011 G 5241.75	-Wickaninnish Island.	49° 08.5' N 125° 56.0' W	Fl.W. period 4s		4	White mast, green, white and black square daymark.	

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BRITISH COLUMBIA-CANADA							
14014 G 5241.7	-Tofino, breakwater.	49° 09.3' N 125° 54.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	19 6	5	Mast, red and white triangular daymark; 10.	
14020 G 5241	-Deadman Islands.	49° 09.7' N 125° 54.5' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	15 4	4	Mast.	
14024 G 5240.4	-Stockham Island.	49° 10.3' N 125° 54.4' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	17 5		White round tower, red band at top.	
14028 G 5240	-Maurus Channel, on rock E. side of channel.	49° 12.2' N 125° 55.8' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	19 6		White round tower, red band; 15.	
14032 G 5238	-Morfee Island.	49° 13.1' N 125° 57.3' W	Q.W.	27 8	6	White round tower, green band at top; 15.	
14036 G 5234	-Monks Islet, W. entrance to Calmus Passage, N. side.	49° 13.9' N 126° 00.9' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	47 14	7	Mast; 11.	
14040 G 5231	-Tibbs Islet.	49° 13.8' N 126° 06.5' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	36 11	7	Mast; 5.	
14044 G 5233	-Marktosis.	49° 16.7' N 126° 03.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	15 5	6	White round tower; 11.	
14048 G 5232	-Matilda Inlet, outer edge of reef, W. side of entrance.	49° 18.2' N 126° 04.4' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	17 5	6	White round tower, red band at top; 11.	
14052 G 5231.4	-McKay Island.	49° 18.7' N 126° 03.5' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	31 9		White round tower, red band at top; 15.	
14056 G 5230	-Hayden Passage, on rock in middle of pass.	49° 24.0' N 126° 06.0' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	18 6	5	White round tower, red band at top; 11.	
14060 G 5229.4	-Clio Island.	49° 23.6' N 126° 11.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	58 18	6	Mast, red and white triangular daymark; 10.	
14064 G 5226.4	-Starling Point.	49° 23.6' N 126° 13.8' W	Q.W.	20 6	6	White round tower; 11.	
14068 G 5226.2	-Sharp Point.	49° 20.9' N 126° 15.5' W	Fl.W. period 10s fl. 1s, ec. 9s	93 28	10	White round tower; 11.	Horn: 1 bl. ev. 30s.
14070 G 5226	-Mate Island.	49° 21.0' N 126° 15.9' W	Q.W.	31 10	6	White round tower, green band at top.	Radar reflector.
14072 G 5226.6	-Driver Point, entrance to Stewardson Inlet.	49° 26.8' N 126° 16.0' W	Q.W.	22 7	6	White round tower; 11.	
14084 G 5224	Estevan Point.	49° 23.0' N 126° 32.6' W	Fl.(2)W. period 15s fl. 0.4s, ec. 2.1s fl. 0.4s, ec. 12.1s	123 38	18	White octagonal tower; 100.	Horn: 1 bl. ev. 60s. Emergency light.
NOOTKA SOUND:							
14088 G 5219	-Nootka.	49° 35.6' N 126° 36.9' W	Fl.W. period 12s fl. 0.2s, ec. 11.8s	101 31	19	Red square skeleton tower.	
14092 G 5217.4	-Vernaci Island.	49° 38.2' N 126° 35.5' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	26 8	5	White mast.	

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BRITISH COLUMBIA-CANADA							
14096 G 5217	-Boston Point.	49° 39.7' N 126° 36.7' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	25 8	5	White round tower, green band at top; 15.	
14100 G 5216.4	-Salter Point.	49° 41.0' N 126° 35.2' W	Q.G.	21 6		White round tower, green band at top; 16.	
14104 G 5215.6	-Jewitt Cove.	49° 42.0' N 126° 36.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	21 6	6	Mast; 15.	
14108 G 5216	-Canal Island.	49° 41.3' N 126° 35.1' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	18 6		White round tower, red band at top; 15.	
14112 G 5218.3	-San Carlos Point.	49° 41.2' N 126° 31.2' W	Q.W.	20 6	6	White cylindrical tower.	Radar reflector.
14116 G 5220	-Zuciarie Channel, E. side of Bligh Island.	49° 39.0' N 126° 29.0' W	Fl.(3)W. period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	21 6	5	White cylindrical tower, green band at top.	Radar reflector.
14120 G 5219.6	-Zuciarie Channel South.	49° 35.7' N 126° 31.3' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	31 9	4	White cylindrical tower, red band at top.	Radar reflector.
14124 G 5220.2	-Atrevida Point.	49° 39.0' N 126° 26.0' W	Q.G.	21 6	3	White cylindrical tower, green band at top.	Radar reflector.
14128 G 5220.4	-Gore Island West.	49° 39.0' N 126° 26.0' W	Q.R.	24 7	4	White cylindrical tower, red band at top.	Radar reflector.
14132 G 5220.6	-Gore Island.	49° 39.3' N 126° 23.6' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	21 6	4	White cylindrical tower, red band at top; 15.	Radar reflector.
14136 G 5221	-Muchalat Inlet.	49° 39.0' N 126° 21.0' W	Q.G.	18 6	3	White cylindrical tower, green band at top.	Radar reflector.
14140 G 5221.2	--E.	49° 39.0' N 126° 16.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	18 5	3	White cylindrical tower, green band at top.	Radar reflector.
14144 G 5221.4	--S. shore.	49° 39.0' N 126° 13.0' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	23 7	4	White cylindrical tower, red band at top; 20.	Radar reflector.
14148 G 5219.4	-Clerke Peninsula.	49° 36.2' N 126° 32.2' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	40 12	5	White mast.	
ESPERANZA INLET:							
14160 G 5204	-Nuchatitz.	49° 49.2' N 126° 58.9' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	37 11	5	White cylindrical tower; 15.	Radar reflector.
14164 G 5206	-Double Island.	49° 50.6' N 126° 59.9' W	Fl.W. period 10s fl. 1s, ec. 9s	33 10	7	White cylindrical tower, green band at top.	
14168 G 5206.4	-Centre Island.	49° 51.0' N 126° 56.0' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	22 7	5	White round tower, red band at top; 14.	
14172 G 5206.6	-Ehatisaht, on point.	49° 53.0' N 126° 49.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	22 7	7	Mast; 10.	
14176 G 5207	-Steamer Point.	49° 53.0' N 126° 48.0' W	Q.W.	18 6	6	White round tower; 15.	
14180 G 5207.6	Zeballos Inlet, S.	49° 54.0' N 126° 48.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	24 7	5	White cylindrical tower, green band at top; 15.	Radar reflector.

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BRITISH COLUMBIA-CANADA							
14184 G 5209	-N. side.	49° 57.6' N 126° 50.8' W	Q.R.	21 6	4	White round tower, red band;	
14188 G 5208	-W. side of inlet, on islet.	49° 57.0' N 126° 49.0' W	Q.W.	41 12	6	White round tower, green band at top;	
14192 G 5210	Tahsis North Narrows, NE. side.	49° 52.0' N 126° 42.0' W	Q.W.	20 6	4	White cylindrical tower, red band at top;	Radar reflector.
14196 G 5210.4	-Narrows, S. side.	49° 52.0' N 126° 41.0' W	Fl.(2)W. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	19 6	5	White cylindrical tower, green band at top;	Radar reflector.
14200 G 5211	-Narrows, E. entrance.	49° 52.0' N 126° 40.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	20 6	5	White cylindrical tower;	Radar reflector.
14208 G 5213	-Santiago.	49° 47.3' N 126° 39.2' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	19 6	6	Mast, white, black and green square daymark;	
14212 G 5214	-Tsowwin Narrows, E. side, on spit.	49° 46.6' N 126° 38.5' W	Q.R.	15 5		Mast on 9-pile dolphin, red and white triangular daymark;	Radar reflector.
14216 G 5214.2	-Tsowwin Narrows West.	49° 46.4' N 126° 37.4' W	Q.G.	19 6		White round tower, green band at top.	
14220 G 5214.6	-Bodega Island.	49° 44.2' N 126° 37.4' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	15 4		Mast;	
14224 G 5215	-Princesa Channel, at E. entrance.	49° 43.0' N 126° 38.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	16 5	4	White cylindrical tower, green band at top;	
14228 G 5215.4	-Kendrick Inlet.	49° 43.0' N 126° 38.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	13 4	5	Mast;	
14236 G 5202.6	Rugged Point.	49° 58.2' N 127° 15.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	46 14	7	Mast, red and white triangular daymark;	
TAHSISH INLET:							
14240 G 5203	-Karouk Island, W. side of island.	50° 05.0' N 127° 10.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	24 7	5	White round tower.	
14244 G 5203.2	-Fair Harbor Approach.	50° 04.5' N 127° 09.3' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	17 5	4	White round tower, green band at top.	
14248 G 5203.4	-Fair Harbor.	50° 04.1' N 127° 08.5' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	29 9	5	White round tower.	
14252 G 5202	Amos Island.	50° 00.8' N 127° 21.2' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	23 7	3	White round tower;	
14254 G 5201	Rolston Island.	50° 01.3' N 127° 21.9' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	16 5	3	Mast, red and white triangular daymark;	
14256 G 5200	Gayward Rock.	50° 01.3' N 127° 23.4' W	Q.W.	27 8	5	White cylindrical tower;	
14260 G 5198	Lookout Island.	50° 00.0' N 127° 27.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	47 14	8	White cylindrical tower, green band at top;	
14264 G 5194	Solander Island.	50° 06.7' N 127° 56.3' W	Fl.W. period 10s fl. 1s, ec. 9s	309 94	11	White round tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BRITISH COLUMBIA-CANADA							
14268 G 5192	Donald Islets, Brooks Bay.	50° 13.9' N 127° 48.4' W	Fl.(2)W. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	90 27	6	Mast, red and white triangular daymark.	
14272 G 5191	Rugged Islands, N. point of N. island.	50° 19.0' N 127° 55.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	33 10	3	White mast.	
QUATSINO SOUND:							
14276 G 5178	-Kains Island.	50° 26.5' N 128° 01.9' W	Fl.W. period 5s fl. 0.1s, ec. 4.9s	93 28	17	White round tower.	Horn: 1 bl. ev. 30s. Horn points 140°.
F.W.							
14280 G 5190.4	-Greenwood Point.	50° 30.6' N 128° 01.6' W	Q.G.	22 7		White round tower, green band at top.	
14284 G 5179	-Cliffe Point.	50° 27.9' N 127° 56.2' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	34 10	7	White round tower, red band at top; 12.	
14288 G 5180	-Bedwell Island, S. end of islet.	50° 28.6' N 127° 53.7' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	29 9	4	White round tower, green band at top; 17.	
14292 G 5180.4	-Koskimo Island.	50° 28.6' N 127° 51.3' W	Q.R.	14 4		White round tower, red band at top.	
14296 G 5181	-Brockton Island.	50° 29.3' N 127° 46.3' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	18 6	5	White round tower, red band at top; 16.	
14300 G 5182	-Ildstad Islands.	50° 30.9' N 127° 41.8' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	19 6	6	Mast; 19.	
14304 G 5184	-Leeson Point.	50° 32.1' N 127° 37.6' W	Q.G.	16 5		White round tower, green band at top.	
14308 G 5189.4	-McNiffe Rock.	50° 31.3' N 127° 36.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	15 5	5	White cylindrical tower, green band at top.	
14312 G 5186	-Ohlsen Point.	50° 32.1' N 127° 34.2' W	Q.G.	15 5		White round tower, green band at top.	
14316 G 5188	-Makwaziht Island.	50° 33.4' N 127° 33.3' W	Q.W.	10 3	5	Mast.	
14320 G 5189	-Stragglings Islands.	50° 35.7' N 127° 42.1' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	18 6	6	White round tower, red band at top.	Radar reflector.
14324 G 5190.2	-Mist Rock.	50° 25.8' N 127° 30.1' W	Fl.(2+1)G. period 6s fl. 0.3s, ec. 0.4s fl. 0.3s, ec. 1.2s fl. 0.3s, ec. 3.5s	18 5	5	White round tower, green band at top.	
14328 G 5190	-Frigon Islets.	50° 25.1' N 127° 29.6' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	17 5	6	Mast.	
14332 G 5174	Sea Otter Cove.	50° 40.0' N 128° 21.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	18 6	6	Mast.	Radar reflector.
14336 G 5172	Cape Scott.	50° 47.0' N 128° 25.5' W	Fl.W. period 10s fl. 0.3s, ec. 9.7s	229 70	21	Square skeleton tower; 29.	Visible 344°-246°. Emergency light.

Section 14

West Coast of Central America

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
14338 G 3635.5	Tijuana.	32° 31.8' N 117° 07.0' W	Fl.(3)W. period 6s	105 32	17	White round concrete tower; 72.	
14340 G 3636	Mexican Boundary AVIATION LIGHT.	32° 30.0' N 117° 01.0' W	Fl.W.				Occasional.
14344 G 3635	Islas Los Coronados.	32° 24.8' N 117° 14.7' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	246 75	10	White round concrete tower; 20.	
	RACON		C(- • - •)		20		
14348 G 3634	-Island, S. end.	32° 23.4' N 117° 14.5' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	157 48	10	White octagonal concrete tower; 33.	Visible 263°-155°; North Coronado Island obscures the light 135°-139°, and Middle Coronado Island obscures it 148°-151°.
14348.25	Costa Azul LNG facility N. range, front.	31° 59.2' N 116° 51.1' W	Fl.W. period 3s fl. 1s, ec. 2s	55 17	10	White round tower, red daymark, white stripe.	
14348.26	-Rear.	31° 59.2' N 116° 51.2' W	Iso.W. period 2s	77 24	10	White round tower, red daymark, white stripe.	
14348.27	-S. range, front.	31° 59.1' N 116° 51.0' W	Fl.W. period 3s fl. 1s, ec. 2s	55 17	10	White round tower, red daymark, white stripe.	
14348.28	--Rear.	31° 59.2' N 116° 51.1' W	Iso.W. period 2s	74 22	10	White round tower, red daymark, white stripe.	
14348.5 G 3630	Punta San Miguel.	31° 54.4' N 116° 45.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	190 58	10	White round concrete tower; 18.	
14349 G 3629.4	-El Sauzal Range, front.	31° 54.0' N 116° 42.0' W	Fl.W. period 3s fl. 1s, ec. 2s	66 20	13	Truncated pyramidal metal tower; 35.	
14350 G 3629.41	--Rear.	31° 54.0' N 116° 42.0' W	Iso.W. period 2s	75 23	13	Truncated pyramidal metal tower; 52.	
14352 G 3629.45	Punta Sauzal.	31° 53.4' N 116° 42.6' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	33 10	7	Metal post; 23.	
14353 G 3629.5	-E. breakwater.	31° 53.5' N 116° 42.5' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	33 10	7	Truncated pyramidal metal tower; 33.	
14354 G 3629.6	--No. 2.	31° 53.4' N 116° 42.6' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	33 10	4	Truncated pyramidal metal tower; 13.	
14355 G 3629.7	-W. breakwater.	31° 53.4' N 116° 42.6' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	49 15	7	Truncated pyramidal metal tower; 39.	
14360 G 3629	Punta Morro.	31° 51.5' N 116° 40.4' W	Fl.W. period 6s fl. 1s, ec. 5s	52 16	10	White hexagonal concrete tower; 19.	
ENSENADA:							
14360.5 G 3626.05	-Entrance range, front.	31° 51.2' N 116° 37.3' W	Fl.W. period 3s fl. 1s, ec. 2s	49 15	10	White round tower, red bands; 43.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
14360.6 G 3626.06	--Rear, 372 meters, 005°47' from front.	31° 51.4' N 116° 37.3' W	Iso.W. period 2s	75 23	10	White round tower, red bands; 43.	
14361 G 3629.1	-E. breakwater.	31° 52.0' N 116° 40.0' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	36 11		Round metal tower; 23.	
14362 G 3629.2	-W. breakwater.	31° 52.0' N 116° 40.0' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	33 10		Round metal tower; 23.	
14364 G 3620	Islas de Todos Santos.	31° 48.5' N 116° 48.7' W	Fl.W. period 7s	161 49	19	White truncated conical tower, red bands; 82.	Radar reflector.
	RACON		X(- • • -)		20		
14368 G 3621	-S. island, S. end.	31° 47.3' N 116° 47.5' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	112 34	10	White concrete tower; 23.	
14372 G 3626	Puerto de Ensenada, W. breakwater, head.	31° 50.6' N 116° 37.5' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	49 15	7	Truncated pyramidal metal tower; 39.	
14373 G 3626.2	-E. breakwater, head.	31° 50.6' N 116° 37.3' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	33 10	7	Truncated pyramidal metal tower; 23.	
14373.5 G 3626.15	--Extension.	31° 50.5' N 116° 37.3' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	33 10	10		
14376 G 3622	Punta Banda.	31° 44.7' N 116° 44.8' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	49 15	10	White truncated pyramidal masonry tower; 20.	
14380 G 3619.5	Punta San Jose.	31° 28.0' N 116° 36.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	115 35	10	White round concrete tower; 33.	
14384 G 3619	Cabo Colnet.	30° 57.7' N 116° 19.8' W	Fl.W. period 6s fl. 1s, ec. 5s	230 70	10	Truncated pyramidal aluminum tower; 25.	
14388 G 3618	Isla de San Martin.	30° 29.3' N 116° 07.4' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	164 50	10	White truncated pyramidal metal tower; 39.	
14392 G 3617	Punta Azufre.	30° 23.9' N 115° 59.0' W	Fl.(3)W. period 12s	43 13	10	Round tower; 23.	
14393 G 3616.8	Punta Entrada.	30° 21.7' N 115° 59.0' W	Fl.W. period 6s fl. 1s, ec. 5s	33 10	9	Truncated pyramidal white aluminum tower; 20.	
14394 G 3616.4	Punta Baja.	29° 56.8' N 115° 48.7' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	39 12	9	Truncated pyramidal aluminum tower; 26.	
14396 G 3616	Isla San Jeronimo.	29° 48.0' N 115° 48.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	154 47	11	White hexagonal masonry tower; 20.	
	RACON		O(- - -)		20		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
14400 G 3613.5	Isla Guadalupe.	28° 59.0' N 118° 19.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	157 48	9	Truncated pyramidal metal tower; 39.	
14401 G 3613.6	-N. side.	29° 09.0' N 118° 16.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	46 14	9	Silver metal pyramidal tower; 39.	
14402 G 3613.7	-S. side.	28° 53.0' N 118° 17.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	125 38	10	Truncated pyramidal metal tower; 39.	
14404 G 3615.5	San Jose.	29° 17.0' N 114° 51.8' W	Fl.W. period 6s fl. 1s, ec. 5s	79 24	10	White round concrete tower; 33.	
14405 G 3615.4	Punta Blanca.	29° 06.0' N 114° 42.0' W	Fl.W. period 10s	56 17	9	Truncated pyramidal white aluminum tower.	
14408 G 3615.3	Punta Negra.	28° 49.0' N 114° 24.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	52 16	10	White round concrete tower; 33.	
14409 G 3615	Morro de Santo Domingo.	28° 15.4' N 114° 07.3' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	125 38	10	White round concrete tower; 33.	
14412 G 3613	Islas San Benito.	28° 18.9' N 115° 35.7' W	Fl.(3)W. period 20s	427 130	30	White round concrete tower; 56.	Visible 120°-060°.
	RACON		B(- • • •)		25		
14414 G 3612.5	-SW.	28° 18.3' N 115° 35.7' W	Fl.(3)W. period 20s	699 213	20		
14416 G 3612	-S.	28° 18.0' N 115° 35.0' W	Fl.W. period 6s fl. 1s, ec. 5s	118 36	9	White round masonry tower; 13.	
ESTERO DE SAN JOSE (LAGUNA DE GUERRERO NEGRO):							
14424 G 3614	-Range No. 1, front.	28° 06.0' N 114° 07.0' W	F.Y.			Red triangular daymark, point down.	S. side of channel is marked by range of black and white banded towers showing F.Bu.G. lights.
14428 G 3614.1	--Rear, 495 meters 124°05' from front.	28° 05.8' N 114° 06.4' W	F.Y.			Red triangular daymark, point up.	N. side of channel is marked by range of beacons with black triangular daymarks showing F.W. lights. When dredging, temporary F.W. range lights are shown to northward of above. Lights are moved as channel over bar changes.
14432 G 3614.3	-Range No. 2, front.	28° 04.0' N 114° 08.0' W	F.G.			Wooden post, black diamond daymark; 49.	
14436 G 3614.31	--Rear, 305 meters 187° from front.	28° 04.4' N 114° 07.2' W	Q.W.			Wooden post, black rectangular daymark; 49.	
14440 G 3614.5	-Range No. 3, front.	28° 02.0' N 114° 07.0' W	F.G.			Black beacon, black rectangular daymark.	
14444 G 3614.51	--Rear, 393 meters 164°07' from front.	28° 02.2' N 114° 06.0' W	Q.W.			Black beacon, black diamond daymark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
14448 G 3611.8	Isla Cedros.	28° 21.8' N 115° 11.6' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	30 9	10	White truncated pyramidal masonry tower; 21.	
14449 G 3611	-Breakwater.	28° 22.0' N 115° 12.0' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	26 8	8	Truncated pyramidal aluminum tower; 24.	
14450 G 3611.2	-Pier.	28° 22.0' N 115° 12.0' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	26 8	8	Truncated pyramidal metal tower; 23.	
14452 G 3609	-Punta del Morro Redondo.	28° 02.6' N 115° 11.1' W	Fl.W. period 6s fl. 1s, ec. 5s	72 22	10	Truncated pyramidal aluminum tower; 28.	
14456 G 3606	Isla Natividad.	27° 52.4' N 115° 10.6' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	364 111	12	White round masonry tower; 52.	Visible 137°-122°.
14460 G 3604	Punta Eugenia.	27° 50.8' N 115° 04.7' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	46 14	10	White truncated pyramidal masonry tower; 18.	Obscured by Isla Natividad 090°-113°.
14464 G 3602.4	Punta Kelp.	27° 39.9' N 114° 54.1' W	Fl.W. period 6s	105 32	10	Truncated pyramidal metal framework tower; 34.	
14466 G 3603	Tortugas.	27° 41.6' N 114° 53.3' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	39 12	10	Round concrete tower; 23.	
14472 G 3602	Roca Atand.	27° 39.2' N 114° 52.5' W	Fl.W. period 6s	72 22	10	Truncated pyramidal metal tower; 34.	
14476 G 3601	Isla San Roque.	27° 08.8' N 114° 22.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	92 28	10	White round concrete tower; 23.	
14477 G 3600.9	Isla Asuncion.	27° 06.0' N 114° 17.5' W	Fl.W. period 6s fl. 1s, ec. 5s	30 9	5	Truncated pyramidal aluminum tower; 24.	
14478 G 3600.8	San Hipolito.	26° 58.5' N 113° 59.3' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	46 14	10	White round concrete tower, red bands; 33.	
14480 G 3600	Punta Abreojos.	26° 45.0' N 113° 34.2' W	Fl.(3)W. period 12s	82 25	10	Truncated pyramidal concrete tower; 72.	
14484 G 3599.9	Bahia de Ballenas.	26° 46.0' N 113° 31.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 10	11	Truncated pyramidal metal tower; 25.	
14488 G 3599	Punta Pequena.	26° 14.2' N 112° 29.3' W	Fl.W. period 6s fl. 1s, ec. 5s	49 15	9	White round tower, red bands; 26.	
14492 G 3598.7	Boca de Pabellon.	25° 50.2' N 112° 07.7' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	43 13	10	White concrete tower, red bands; 33.	
14493 G 3598.6	Boca de Santo Domingo.	25° 30.0' N 112° 06.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	43 13	10	White round concrete tower, red bands; 33.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
14496 G 3598.55	Boca de Soledad.	25° 17.3' N 112° 07.2' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 10	10	White round concrete tower; 33.	
14496.5 G 3598.5	Puerto Lopez.	25° 12.0' N 112° 08.8' W	Fl.W. period 6s fl. 1s, ec. 5s	43 13	10	White round concrete tower, red bands; 33.	
14500 G 3598	Cabo San Lazaro.	24° 47.7' N 112° 18.5' W	Fl.W. period 6s fl. 1s, ec. 5s	230 70	10	White square masonry tower, dwelling; 23.	Visible 319°-202°.
	RACON		Y(- • - -)		20		
14504 G 3593	-Punta Redonda.	24° 30.9' N 112° 00.3' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	62 19	10	White truncated pyramidal masonry tower; 30.	Visible 330°-242°.
BAHIA MAGDALENA:							
14508 G 3596	-Puerto Magdalena.	24° 38.2' N 112° 08.4' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	56 17	10	Truncated pyramidal aluminum tower; 26.	
14512 G 3597	-Puerto de San Carlos, Muelle Fiscal.	24° 47.3' N 112° 07.4' W	Iso.W. period 2s	39 12	10	Square metal tower; 49.	
14516 G 3594	-Isla Mangrove Range, front.	24° 32.5' N 111° 48.8' W	Fl.W. period 3s fl. 1s, ec. 2s	32 10	8	White truncated pyramidal metal tower.	
14520 G 3594.1	--Rear, 233 meters 088° from front.	24° 32.5' N 111° 48.7' W	Iso.W. period 2s	89 27	10	White truncated pyramidal metal tower; 89.	
14522 G 3595.4	-Puerto Cortes, W. pier.	24° 28.4' N 111° 49.1' W	F.R.	26 8	5	White concrete tower; 16.	
14524 G 3595	--Range, front.	24° 27.8' N 111° 48.7' W	Fl.W. period 3s fl. 1s, ec. 2s	39 12	8	White truncated pyramidal tower; 28.	
14528 G 3595.1	---Rear, 907 meters 154° from front.	24° 27.4' N 111° 48.5' W	Iso.W. period 2s	56 17	8	White truncated pyramidal metal tower; 39.	
14532 G 3592	Punta Tosca.	24° 18.6' N 111° 43.0' W	Fl.W. period 6s fl. 1s, ec. 5s	266 81	10	White truncated pyramidal concrete tower, dwelling.	Visible 191°-118°.
14536 G 3591.7	Arroyo Conejo.	24° 04.5' N 111° 00.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	56 17	10	Truncated pyramidal metal tower; 46.	
14538 G 3591.6	Punta Marquiz.	23° 57.5' N 110° 52.3' W	Fl.W. period 6s fl. 1s, ec. 5s	39 12	10	Truncated pyramidal metal tower; 39.	
14540 G 3591.5	Los Inocentes.	23° 46.0' N 110° 40.7' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	43 13	10	Truncated pyramidal aluminum tower; 25.	
14544 G 3591	Todos Santos.	23° 26.9' N 110° 14.6' W	Fl.W. period 6s fl. 1s, ec. 5s	43 13	10	White round concrete tower, black bands; 33.	
14548 G 3586	Cabo Falso.	22° 52.7' N 109° 57.6' W	Fl.W. period 6s	623 190	30	Red hexagonal tower, white bands; 20.	Visible 270°-130°. Emergency light.
	RACON		F(• • - •)		20		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
14549 G 3589.1	-N. breakwater.	22° 52.9' N 109° 54.3' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	52 16	10	Truncated red pyramidal metal tower; 46.	
14550 G 3589.2	-S. breakwater.	22° 52.8' N 109° 54.3' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	52 16	10	Truncated green pyramidal metal tower; 46.	
14553 G 3590	-Cabo San Lucas Range, front.	22° 52.8' N 109° 54.7' W	Fl.W. period 3s fl. 1s, ec. 2s	85 26	15	Tower on roof of hotel.	
14554 G 3590.1	--Rear, 290 meters 268° from front.	22° 52.8' N 109° 54.9' W	Iso.W. period 2s	125 38	15	Truncated pyramidal metal tower; 26.	
14556 G 3585	Cabeza Ballena.	22° 54.2' N 109° 50.6' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	131 40	10	White round concrete tower; 33.	
14560 G 3584	San Jose del Cabo.	23° 03.9' N 109° 39.9' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	118 36	15	White concrete tower, red bands, dwelling; 33.	
14561 G 3584.1	-East breakwater.	23° 03.4' N 109° 40.2' W	Fl.R. period 5s	44 14	6	Red round iron tower; 13.	
14561.5 G 3584.11	-West breakwater.	23° 03.3' N 109° 40.3' W	Fl.G. period 5s	44 14	6	Red round iron tower; 13.	
14562 G 3584.4	-East jetty.	23° 03.5' N 109° 40.3' W	Fl.R. period 5s	26 8	4	Red round iron tower; 26.	
14562.5 G 3584.41	-West jetty.	23° 03.5' N 109° 40.3' W	Fl.G. period 5s	26 8	4	Green round iron tower; 26.	
14563 G 3584.2	-Entrance range, front.	23° 03.5' N 109° 40.3' W	Fl.W. period 3s	36 11	6	White round iron tower; 25.	
14563.1 G 3584.21	--Rear.	23° 03.6' N 109° 40.3' W	Fl.W. period 2s	39 12	6	White round iron tower; 28.	
14563.5 G 3584.3	-Inner range, front.	23° 03.8' N 109° 40.5' W	Fl.W. period 3s	23 7	6	White round iron tower; 16.	
14563.6 G 3584.31	--Rear.	23° 03.9' N 109° 40.5' W	Fl.W. period 2s	33 10	6	White round iron tower; 10.	
14564 G 3582	Boca del Tule.	23° 14.2' N 109° 26.3' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	102 31	10	Red truncated pyramidal metal tower; 33.	
14568 G 3580	Punta Arena, Sur.	23° 33.3' N 109° 28.3' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	66 20	12	White truncated conical concrete tower, black bands; 39.	Visible 150°-324°.
14572 G 3578	Punta Arena de la Ventana.	24° 03.2' N 109° 49.6' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	49 15	11	White round concrete tower; 33.	
14576 G 3576	Piedras Gordas, on SW. point of Isla Cerralvo.	24° 09.2' N 109° 50.8' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	69 21	11	Truncated pyramidal metal tower; 36.	
14577 G 3576.3	-S. point.	24° 08.2' N 109° 47.5' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	69 21	9	Truncated pyramidal metal tower; 23.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
14578 G 3575.8	-N. point.	24° 22.5' N 109° 55.4' W	Fl.W. period 6s fl. 1s, ec. 5s	56 17	9	Metal tower; 23.	
14580 G 3577	Bahia la Ventana, S. of Punta Gorda.	24° 06.8' N 109° 59.8' W	Fl.W. period 6s fl. 1s, ec. 5s	59 18	11	White truncated pyramidal metal tower; 36.	
14584 G 3576.6	Islote de la Reina (Seal Rock).	24° 26.3' N 109° 57.5' W	Fl.W. period 6s fl. 1s, ec. 5s	46 14	9	White round metal tower; 24.	
14588 G 3570	Punta Prieta.	24° 13.2' N 110° 18.7' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	98 30	16	White square masonry tower, on roof of dwelling; 66.	Visible 290°-148°.
14592 G 3569	Roca Lobos.	24° 17.9' N 110° 20.8' W	Fl.W. period 6s fl. 1s, ec. 5s	43 13	10	White truncated pyramidal metal tower; 30.	
14595 G 3568.6	Punta Coyote.	24° 21.0' N 110° 23.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	39 12	9	Truncated pyramidal metal tower; 23.	
14600 G 3566	Isla Partida.	24° 35.5' N 110° 23.8' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	131 40	10	Truncated pyramidal metal tower; 39.	
14601 G 3569.3	Bahia Pichilingue, S. mole.	24° 16.0' N 110° 19.8' W	Iso.R. period 2s	33 10	7	Round concrete tower; 23.	
14602 G 3569.5	-N. mole.	24° 16.6' N 110° 19.8' W	Iso.R. period 2s	33 10	7	Round concrete tower; 23.	
14603 G 3566.3	San Juan de la Costa.	24° 23.7' N 110° 41.4' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 10	8	Truncated pyramidal metal tower; 21.	
14603.1 G 3566.5	Isla Ballena.	24° 28.7' N 110° 24.1' W	Fl.W. period 6s fl. 1s, ec. 5s	39 12	8	Truncated pyramidal metal tower; 23.	
14603.2 G 3566.7	La Bonanza.	24° 27.5' N 110° 18.0' W	Fl.W. period 6s fl. 1s, ec. 5s	39 12	8	Truncated pyramidal metal tower; 23.	
LA PAZ HARBOR:							
14604 G 3572	-First Range, front.	24° 12.5' N 110° 18.0' W	Fl.W. period 3s fl. 1s, ec. 2s	49 15	10	White square stone tower; 14.	
14612 G 3573	-Second Range, front.	24° 10.6' N 110° 18.2' W	Fl.W. period 3s fl. 1s, ec. 2s	59 18	10	White rectangular stone tower; 16.	
14616 G 3573.1	--Rear, about 914 meters 181° from front.	24° 10.4' N 110° 18.2' W	Iso.W. period 2s	62 19	10	White square stone tower; 23.	
14620 G 3574	-Third Range, front.	24° 11.4' N 110° 18.1' W	Fl.W. period 3s fl. 1s, ec. 2s	105 32	10	White rectangular stone tower; 6.	
14624 G 3574.1	--Rear, 50 meters 033° from front.	24° 11.4' N 110° 18.1' W	Iso.W. period 2s	125 38	10	White rectangular stone tower; 7.	
14628 G 3575	-T-wharf, E. head.	24° 09.7' N 110° 19.2' W	Iso.G. period 2s	26 8	5	White truncated conical masonry tower, red bands; 15.	
14632 G 3575.2	--W. head.	24° 09.7' N 110° 19.2' W	Iso.R. period 2s	26 8	5	White truncated round masonry tower, red bands; 14.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
14634 G 3575.3	Don Lorenzo.	24° 09.3' N 110° 20.4' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	13 4	5	White mast on hulk; 10.	Marks wreck Don Lorenzo.
14636 G 3565.5	San Evaristo.	24° 53.8' N 110° 43.3' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	72 22	10	Truncated pyramidal metal tower; 30.	
14636.5 G 3565.58	Islote El Pardito.	24° 50.5' N 110° 36.4' W	Fl.W. period 10s	25 8	10	Truncated pyramidal metal tower; 16.	
14637 G 3565.55	Las Loberas.	24° 50.2' N 110° 34.6' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	36 11	10	Truncated pyramidal metal tower; 29.	
14640 G 3565	Isla de San Jose, on Punta Colorado.	25° 01.4' N 110° 35.7' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	39 12	10	Truncated pyramidal metal tower; 23.	
14641 G 3565.08	-SW. point.	24° 54.8' N 110° 38.4' W	Fl.(4)W. period 16s	39 12	10	White truncated pyramidal metal framework tower; 25.	
14644 G 3565.2	Punta de los Ostion.	25° 02.0' N 110° 43.0' W	Fl.W. period 6s fl. 1s, ec. 5s	39 12	10	Truncated pyramidal metal tower; 30.	
14648 G 3564.4	Isla Las Animas.	25° 06.4' N 110° 31.5' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	161 49	10	Truncated pyramidal metal tower; 30.	
14652 G 3564.3	Isla San Diego.	25° 12.0' N 110° 42.2' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	66 20	10	Truncated pyramidal metal tower; 30.	
14656 G 3564.5	San Marcial Rock.	25° 29.8' N 111° 01.5' W	Fl.W. period 6s fl. 1s, ec. 5s	56 17	10	Truncated pyramidal metal tower; 30.	
14660 G 3564.2	Isla Santa Cruz.	25° 15.7' N 110° 44.2' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	39 12	10	Truncated pyramidal metal tower; 30.	
14664 G 3564	Isla Santa Catalina.	25° 35.5' N 110° 47.1' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	220 67	10	White truncated pyramidal metal tower; 33.	
14668 G 3563.85	Isla Monserrat.	25° 38.5' N 111° 03.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	66 20	10	Truncated pyramidal metal tower; 33.	
14669 G 3563.83	Isla Las Galeras, N.	25° 44.2' N 111° 03.0' W	Fl.W. period 6s fl. 1s, ec. 5s	56 17	9	Truncated pyramidal metal tower; 30.	
14670 G 3563.81	Punta Candeleros.	25° 43.6' N 111° 13.5' W	Fl.W. period 6s fl. 1s, ec. 5s	26 8	9	White round concrete tower, red bands; 23.	
14672 G 3563.75	Isla Danzante, E.	25° 48.3' N 111° 15.7' W	Fl.W. period 6s fl. 1s, ec. 5s	43 13	11	White truncated pyramidal tower; 39.	
14673 G 3563.7	-S.	25° 45.7' N 111° 15.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	30 9	9	Truncated pyramidal metal tower; 25.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
14676 G 3563.8	-N.	25° 49.0' N 111° 16.1' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	43 13	11	Truncated pyramidal metal tower; 39.	
14680 G 3563.52	Isla del Carmen.	25° 49.6' N 111° 14.3' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	39 12	10	Truncated pyramidal metal tower; 33.	
14684 G 3563.5	Punta Coyote.	25° 48.5' N 111° 18.3' W	Fl.W. period 6s fl. 1s, ec. 5s	26 8	8	Truncated pyramidal metal tower; 23.	
14685 G 3563.58	Punta Lobos.	26° 04.1' N 111° 05.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 10	10	Round concrete tower; 39.	
14686 G 3563.6	Punta Cholla.	26° 02.0' N 111° 10.7' W	Fl.W. period 6s fl. 1s, ec. 5s	39 12	10	Truncated pyramidal metal tower; 33.	
14688 G 3563	Port Loreto, E. of Loreto.	26° 00.6' N 111° 20.8' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	39 12	10	Truncated pyramidal aluminum tower; 39.	
14691 G 3562.55	Islote Santa Elena.	26° 06.9' N 111° 18.7' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	25 8	7	White round structure.	
14691.5 G 3562.6	Punta Santa Elena.	26° 06.9' N 111° 19.0' W	Fl.W. period 6s fl. 1s, ec. 5s	25 8	7	White round structure.	
14692 G 3562.7	Isla Coronados.	26° 06.3' N 111° 16.3' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	121 37	10	Truncated pyramidal metal tower; 41.	
14694 G 3562.5	Isla San Ildefonso.	26° 37.9' N 111° 26.5' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	56 17	9	Truncated pyramidal metal tower; 25.	
14695 G 3562.45	Punta Santa Teresa.	26° 41.0' N 111° 34.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	52 16	9	Truncated pyramidal metal tower; 25.	
14696 G 3562	Muleje, on El Sombrero Point.	26° 53.9' N 111° 58.1' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	138 42	10	White round concrete tower; 39. Visible 181°-273°.	
14697 G 3562.2	Punta Aguijas.	26° 52.0' N 111° 52.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	56 17	10	Truncated pyramidal metal tower; 49.	
14700 G 3562.4	Bahia Concepcion.	26° 44.7' N 111° 52.5' W	Fl.W. period 6s fl. 1s, ec. 5s	92 28	10	White round tower, red bands.	
14701 G 3561	Punta St. Ines.	27° 03.8' N 111° 57.8' W	Fl.W. period 6s fl. 1s, ec. 5s	52 16	10	Truncated pyramidal metal tower; 49.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
14702 G 3561.4	St. Ines Islands, N.	27° 02.6' N 111° 55.2' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	52 16	10	Truncated pyramidal metal tower; 49.	
14703 G 3561.8	-S.	27° 01.6' N 111° 55.6' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	52 16	10	Truncated pyramidal metal tower; 49.	
14704 G 3558	Isla San Marcos.	27° 12.1' N 112° 06.2' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	26 8	10	Truncated pyramidal metal tower; 23.	
14705 G 3560	Punta Chivato.	27° 05.5' N 111° 58.3' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	59 18	10	Truncated pyramidal metal tower; 49.	
14706 G 3559	Piedra Blanca.	27° 14.3' N 112° 06.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	52 16	10	Truncated pyramidal metal tower; 49.	
14707 G 3559.4	La Lobera.	27° 16.0' N 112° 06.9' W	Fl.W. period 6s fl. 1s, ec. 5s	56 17	10	Truncated pyramidal metal tower; 49.	
14708 G 3553	Isla Tortugas, N. side.	27° 27.3' N 111° 53.9' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	105 32	10	Truncated pyramidal metal tower; 30.	
14712 G 3553.5	-S. side.	27° 26.0' N 111° 54.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	79 24	10	Truncated pyramidal aluminum tower; 30.	
14713 G 3553.8	Caleta Santa Maria, La Cia Minera Copas mole.	27° 24.5' N 112° 19.0' W	3 Iso.W. period 2s			Dolphins.	
14715 G 3553.81	-SE. wharf.	27° 26.0' N 112° 18.8' W	Iso.G. period 2s	26 8	8	Green tower; 7.	
14716 G 3556	Punta Santa Agueda.	27° 18.4' N 112° 16.0' W	Fl.(4)W.R. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	49 15	10	Metal tower; 39.	R. 110°-155°, W.-110°.
14717 G 3552	Cabo Virgenes.	27° 32.0' N 112° 21.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	52 16	10	Red concrete tower, white bands; 33.	
14718 G 3550	Bahia de San Francisquito.	28° 26.1' N 112° 54.1' W	Fl.W. period 6s fl. 1s, ec. 5s	46 14	10	Concrete tower; 33.	
14718.5 G 3549.5	Punta Espejo.	28° 26.0' N 112° 50.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	24 7		Concrete structure on pyramidal base.	
14719 G 3549	Isla San Lorenzo.	28° 35.2' N 112° 46.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	46 14	10	Concrete tower; 33.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
SANTA ROSALIA:							
14720 G 3554	-E. outer breakwater, head.	27° 20.3' N 112° 15.6' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	36 11	7	White round concrete tower; 20.	
14724 G 3555	-W. mole, head.	27° 20.3' N 112° 15.7' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	36 11	7	White round concrete tower; 20.	
14724.6 G 3555.5	-Range, front.	27° 20.5' N 112° 15.8' W	Fl.W. period 3s fl. 1s, ec. 2s	39 12	10	White round concrete tower; 28.	
14724.7 G 3555.6	--Rear, 30 yards 328° from front.	27° 20.5' N 112° 15.9' W	Iso.W. period 2s	56 17	10	White round concrete tower; 39.	
14725 G 3547.5	Cabeza de Caballo.	28° 58.0' N 113° 29.0' W	Fl.R. period 6s fl. 1s, ec. 5s	33 10	8	Truncated pyramidal metal tower; 30.	
14726 G 3547.6	Punta Arenas.	28° 57.3' N 113° 32.5' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	43 13	10	White round concrete tower, red bands; 33.	
14728 G 3547	Isla Angel de la Guarda.	29° 00.0' N 113° 09.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	89 27	10	Truncated pyramidal metal tower; 46.	
14732 G 3547.4	Islote Gemelo del Este.	28° 58.0' N 113° 28.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	30 9	9	White truncated pyramidal metal tower, red bands; 23.	
14736 G 3546	Isla Angel de la Guarda, N. side of island.	29° 34.0' N 113° 33.0' W	Fl.W. period 6s fl. 1s, ec. 5s	79 24	10	Truncated pyramidal aluminum tower; 46.	
14740 G 3545	Punta Willard.	29° 51.0' N 114° 25.0' W	Fl.W. period 6s fl. 1s, ec. 5s	46 14	9	Truncated pyramidal aluminum tower; 39.	
14741 G 3545.4	Isla Willard.	29° 49.0' N 114° 23.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	82 25	10	Truncated pyramidal aluminum tower; 23.	
14743 G 3544.5	Isla Miramar.	30° 05.0' N 114° 33.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	66 20	10	White round concrete tower, red bands; 33.	
14744 G 3544	Punta San Fermin.	30° 26.0' N 114° 37.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	49 15	10	Truncated pyramidal aluminum tower; 39.	
14748 G 3543.5	Bahia de Santa Maria.	30° 44.0' N 114° 42.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	66 20	10	White round concrete tower; 33.	
14748.5 G 3543	Punta Estrella.	30° 55.0' N 114° 43.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	89 27	10	White round concrete tower; 33.	
14750 G 3542.5	-N. mole.	31° 01.0' N 114° 49.0' W	Iso.R. period 2s	49 15	6	White round concrete tower; 30.	
14751 G 3542.6	-S. mole.	31° 01.0' N 114° 49.0' W	Iso.R. period 2s	49 15	4	White round concrete tower; 30.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
14753 G 3542.3	-N. breakwater.	31° 01.0' N 114° 49.0' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	39 12	7	Truncated pyramidal metal tower; 23.	
14754 G 3542.4	-S. breakwater.	31° 01.0' N 114° 49.0' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	39 12	7	Truncated pyramidal metal tower; 23.	
14756 G 3542	San Felipe.	31° 03.0' N 114° 49.0' W	Fl.W. period 6s fl. 1s, ec. 5s	115 35	13	White round concrete tower; 72.	Aeromarine light.
14757 G 3542.2	-San Felipe Range, front.	31° 01.0' N 114° 49.0' W	Fl.W. period 3s fl. 1s, ec. 2s	62 19	10	Truncated pyramidal aluminum tower; 50.	
14758 G 3542.21	--Rear.	31° 01.0' N 114° 49.0' W	Iso.W. period 2s	69 21	10	Truncated pyramidal aluminum tower; 34.	
14760 G 3540.7	Punta Sargento, N. of point.	31° 37.0' N 114° 47.0' W	Fl.W. period 6s fl. 1s, ec. 5s	39 12	9	Truncated pyramidal metal tower; 30.	
14764 G 3540.6	Isla Montague.	31° 41.0' N 114° 42.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	46 14	10	Truncated pyramidal metal tower; 37.	
14765 G 3540.5	Santa Clara.	31° 41.0' N 114° 30.0' W	Fl.W. period 6s fl. 1s, ec. 5s	49 15	9	Radio antenna.	
14772 G 3540.3	Punta Borrascosa.	31° 30.0' N 114° 01.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	43 13	11	White round concrete tower, red bands; 36.	
14773 G 3540.05	-Range, front.	31° 18.2' N 113° 32.6' W	Fl.W. period 3s fl. 1s, ec. 2s	33 10	8	Truncated pyramidal metal tower; 30.	
14774 G 3540.06	--Rear, about 146 meters from front.	31° 18.2' N 113° 32.5' W	Iso.W. period 2s	66 20	11	Truncated pyramidal metal tower; 39.	
14775 G 3540.08	-Range, front.	31° 18.0' N 113° 33.0' W	Fl.W. period 3s fl. 1s, ec. 2s	69 21	8	Truncated pyramidal metal tower, red stripes; 39.	
14776 G 3540.09	--Rear.	31° 18.0' N 113° 33.0' W	Iso.W. period 2s	98 30	8	Truncated pyramidal metal tower, red stripes; 39.	
14777 G 3540.13	-E. breakwater.	31° 18.4' N 113° 32.9' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	33 10	9	Truncated pyramidal metal tower; 23.	
14778 G 3540	Puerto Penasco.	31° 17.1' N 113° 34.7' W	Fl.W. period 8s	318 97	17	White octagonal concrete tower; 30.	
14779 G 3540.15	-W. breakwater.	31° 18.3' N 113° 33.1' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	33 10	9	Truncated pyramidal metal tower; 23.	
14780 G 3539.7	Isla San Jorge.	31° 01.0' N 113° 15.3' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	272 83	11	Round concrete tower; 8.	
14784 G 3539.6	La Soledad.	30° 49.0' N 113° 07.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	49 15	10	Truncated pyramidal aluminum tower; 33.	
14786 G 3539.2	Cabo Tepoca.	30° 16.3' N 112° 51.1' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	128 39	15	White round concrete tower, red bands.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
14787 G 3539.5	Rio de la Concepcion.	30° 33.2' N 113° 00.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	82 25	10	White truncated pyramidal concrete tower, red bands; 38.	
14788 G 3539	Cabo Lobos.	29° 54.0' N 112° 45.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	39 12	9	White truncated pyramidal metal tower; 23.	
14789 G 3538.8	Puerto Libertad.	29° 54.0' N 112° 45.5' W	Fl.W. period 6s fl. 1s, ec. 5s	43 13	9	White round metal tower; 33.	
14790 G 3538.6	Rio San Ignacio.	29° 29.7' N 112° 25.0' W	Fl.W. period 6s fl. 1s, ec. 5s	52 16	11	White truncated pyramidal metal tower; 39.	
14792 G 3538.5	Isla Patos.	29° 16.4' N 112° 27.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	233 71	14	White round concrete tower; 21.	
14793 G 3538.25	Isla San Esteban.	28° 42.8' N 112° 33.0' W	Fl.W. period 6s fl. 1s, ec. 5s	56 17	10	White truncated pyramidal metal tower; 39.	
14800 G 3538.33	-Punta Willard.	28° 53.3' N 112° 35.8' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	46 14	9	Round concrete tower; 8.	
14805 G 3538.2	Isla Turners.	28° 42.0' N 112° 19.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	256 78	9	White truncated pyramidal concrete tower; 25.	
14806 G 3538	Isla Pelicano.	28° 48.0' N 111° 59.2' W	Fl.W. period 6s fl. 1s, ec. 5s	39 12	9	Truncated pyramidal metal tower; 23.	
14807 G 3537.8	Isla San Pedro Martir.	28° 23.0' N 112° 20.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	279 85	7	White truncated pyramidal metal tower; 23.	
14808 G 3537.7	Punta Lesna.	28° 13.0' N 111° 24.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	154 47	11	Truncated pyramidal metal tower; 23.	
14809 G 3537.9	Punta Baja.	28° 28.2' N 111° 42.6' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	39 12	9	White truncated pyramidal metal tower; 25.	
14813 G 3537.67	Isla San Pedro Nolasco.	27° 57.7' N 111° 23.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	62 19	10	Truncated pyramidal aluminum tower; 39.	
14816 G 3537.4	Punta San Guillermo, Puerto San Carlos.	27° 56.0' N 111° 03.7' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	56 17	9	Truncated pyramidal aluminum tower; 23.	
14820 G 3537.45	Bahia San Carlos.	27° 56.0' N 111° 04.0' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	66 20	9	Truncated pyramidal metal tower; 30.	
14824 G 3528	Cabo Haro.	27° 50.4' N 110° 53.3' W	Fl.(3)W. period 20s	351 107	22	White square concrete tower; 23. Visible 216°-113°.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
GUAYMAS:							
14828 G 3530	-Isla Pajaros, SW. extremity.	27° 53.2' N 110° 51.0' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	82 25	5	White truncated pyramidal hexagonal concrete tower; 33.	Visible 281°-212°.
14832 G 3531	-Punta Baja.	27° 54.0' N 110° 51.6' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	33 10	7	White truncated pyramidal concrete tower; 16.	
14836 G 3532	-Range, front, Isla Morrito, W. side.	27° 54.7' N 110° 51.5' W	Fl.W. period 3s fl. 1s, ec. 2s	33 10	8	Concrete structure, red pentagon daymark, white center; 26.	
14840 G 3532.1	--Rear, about 1.38 miles 355° from front, on Isla Tio Ramon.	27° 56.1' N 110° 51.4' W	Iso.W. period 2s	56 17	10	Concrete structure, red pentagon daymark, white center; 26.	
14841 G 3537	-Muelle de la Ardilla, W. end, head.	27° 54.9' N 110° 52.6' W	Iso.R. period 2s	16 5	3	Round tower; 7.	
14842 G 3537.2	--E. end.	27° 54.9' N 110° 52.6' W	Iso.G. period 2s	16 5	3	Round tower; 7.	
14844 G 3533	-Cape de Las Golondrias Range, front.	27° 55.9' N 110° 53.2' W	Fl.W. period 3s fl. 1s, ec. 2s	295 90	10	Truncated pyramidal metal tower, red diamond daymark, white center; 39.	
14848 G 3533.1	--Rear, about 500 meters, 316° from front.	27° 56.1' N 110° 53.4' W	Iso.W. period 2s	328 100	12	Truncated pyramidal metal tower, red diamond daymark, white center; 46.	
14850 G 3537.35	-Piedra Ahogada La Reyna.	27° 55.8' N 110° 58.5' W	Iso.Y. period 2s		8	White round concrete tower; 8.	
14860 G 3527	Las Guasimas.	27° 49.0' N 110° 36.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 10	5	Truncated pyramidal metal tower; 23.	
14864 G 3526.8	Rio Yaqui.	27° 40.3' N 110° 35.3' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	56 17	10	Truncated pyramidal metal tower; 52.	
14868 G 3526	Isla Lobos, NW. point.	27° 19.5' N 110° 34.0' W	Fl.W. period 6s fl. 1s, ec. 5s	82 25	10	White truncated pyramidal metal tower; 72.	
RACON					20		
14870 G 3526.6	Bahia Lobos, N. mouth of bay.	27° 25.0' N 110° 34.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	36 11	9	Truncated pyramidal metal tower; 23.	
14872 G 3526.5	Boca del Dren, bay, E. side.	27° 22.0' N 110° 27.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 10	9	Truncated pyramidal metal tower; 23.	
14876 G 3524	Santo Domingo.	27° 10.6' N 110° 18.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	30 9	9	Truncated pyramidal metal tower; 23.	
14880 G 3523.2	Boca del Cocoraquito, N. side.	27° 06.0' N 109° 58.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	46 14	9	Truncated pyramidal metal tower; 25.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
14884 G 3523	-S. side.	26° 59.4' N 109° 56.5' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	49 15	11	Truncated pyramidal metal tower; 39.	
14885 G 3522.5	Punta Arboleda.	26° 47.0' N 109° 52.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	49 15	10	White truncated pyramidal metal tower; 39.	
14892 G 3522	-Santa Barbara.	26° 41.0' N 109° 41.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	43 13	9	Truncated pyramidal metal tower; 25.	
14896 G 3520	Bahia de Yavaros.	26° 42.0' N 109° 32.1' W	Fl.W. period 6s fl. 1s, ec. 5s	112 34	13	White round concrete tower, red bands; 39.	Visible 306°-067°.
14897 G 3521	-Puerto Yavaros Range, front.	26° 40.4' N 109° 29.8' W	Fl.W. period 3s fl. 1s, ec. 2s	33 10	9	White truncated pyramidal metal tower; 25.	
14898 G 3521.1	--Rear, 0.5 mile 000° from front.	26° 40.9' N 109° 29.8' W	Iso.W. period 2s	46 14	11	White truncated pyramidal metal tower; 39.	
14899 G 3521.3	-Bajos de la Lobera.	26° 40.0' N 109° 30.0' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	36 11	10	Truncated pyramidal metal tower; 33.	
14901 G 3521.4	-No. 3.	26° 41.8' N 109° 30.4' W	Fl.W. period 3s fl. 0.5s, ec. 2.5s	26 8	5	White truncated pyramidal metal tower; 16.	
14903 G 3519.5	Agiabampo.	26° 17.0' N 109° 17.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	43 13	10	Truncated pyramidal aluminum tower; 39.	
14904 G 3519	San Ignacio Farallon.	25° 26.2' N 109° 24.1' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	394 120	10	White truncated pyramidal metal tower; 39.	
TOPOLOBAMPO:							
14909 G 3518.2	-Las Animas Range, front.	25° 35.0' N 109° 07.0' W	Fl.W. period 3s fl. 1s, ec. 2s	98 30	12	White truncated pyramidal metal tower; 39.	
14910 G 3518.21	--Rear, 051° from front.	25° 36.2' N 109° 04.8' W	Iso.W. period 2s	328 100	12	Truncated pyramidal metal tower; 26.	
14912 G 3518.5	-Punta Copas Range, front.	25° 32.6' N 109° 06.9' W	Fl.W. period 3s fl. 1s, ec. 2s	43 13	10	White truncated pyramidal metal tower; 26.	
14916 G 3518.51	--Rear, 420 meters 232°30' from front.	25° 32.6' N 109° 06.9' W	Iso.W. period 2s	52 16	15	White truncated pyramidal metal tower; 46.	
14917 G 3518.4	-Punta Prieta Range, front.	25° 33.0' N 109° 05.0' W	Fl.W. period 3s fl. 1s, ec. 2s	20 6	8	White round concrete tower; 10.	
14918 G 3518.41	--Rear, 1.5 miles 093° from front.	25° 33.0' N 109° 04.0' W	Iso.W. period 2s	49 15	9	White pyramidal concrete tower; 10.	
14920 G 3518	Cerro Partido.	25° 32.0' N 109° 06.2' W	Fl.W. period 7s	312 95	22	White round concrete tower; 16.	
14921 G 3518.6	Punta Pinto.	25° 34.2' N 109° 04.5' W	Fl.R. period 3s fl. 0.5s, ec. 2.5s	26 8	6	White round concrete tower; 10.	
14922 G 3518.7	San Carlos.	25° 35.0' N 109° 03.0' W	Iso.R. period 2s	26 8	6	White round concrete tower; 10.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
14924 G 3516	Boca de Macapule.	25° 21.5' N 108° 45.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	56 17	10	White truncated pyramidal tower; 39.	
14925	La Bocanita.	25° 17.9' N 108° 32.1' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s				
14926 G 3515	Perihuate Range, front.	25° 11.5' N 108° 23.6' W	Fl.W. period 3s fl. 1s, ec. 2s	39 12	8	White truncated pyramidal metal tower; 23.	
14927	-Rear.	25° 11.5' N 108° 23.6' W	Iso.W. period 2s	75 23	8	White truncated pyramidal metal tower; 52.	
14928 G 3514.5	La Reforma.	25° 08.0' N 108° 14.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	46 14	10	Truncated pyramidal aluminum tower; 43.	
14932 G 3514.4	Punta Riscion.	25° 07.2' N 108° 20.5' W	Fl.W. period 6s fl. 1s, ec. 5s	46 14	10	White truncated pyramidal metal tower; 49.	
14936 G 3514	Isla Altamura.	24° 48.0' N 108° 06.4' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	36 11	10	White truncated pyramidal metal tower; 23.	
14940 G 3513.6	Yameto.	24° 47.0' N 108° 05.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	43 13	10	White round concrete tower; 33.	
14944 G 3513.5	Puerto de Altata.	24° 37.0' N 107° 55.0' W	Fl.W. period 6s fl. 1s, ec. 5s	46 14	10	Truncated pyramidal aluminum tower; 39.	
14952.2 G 3513.25	Punta La Tonina.	24° 30.2' N 107° 40.6' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	49 15	10	Metal tower; 49.	
14953 G 3513.2	Rio San Lorenzo.	24° 16.0' N 107° 27.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	59 18	10	White truncated pyramidal metal tower; 53.	
14960 G 3512	Punta Piaxtla.	23° 38.8' N 106° 49.1' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	98 30	12	White round concrete tower, red bands; 36.	
14962	Morro, NW.	23° 15.5' N 106° 27.9' W	Fl.W. period 2s fl. 0.5s, ec. 1.5s	23 7	5	Yellow concrete cylinder; 16.	
14962.1	-SE.	23° 15.5' N 106° 27.9' W	Fl.W. period 2s fl. 0.5s, ec. 1.5s	23 7	5	Yellow concrete cylinder; 16.	
MAZATLAN:							
14964 G 3504	-Isla Creston.	23° 10.7' N 106° 25.6' W	Fl.W. period 7s	515 157	33	White square concrete tower, dwelling; 23.	Visible 310°-140°. F.R. on radio mast at Mazatlan appears to vessels to S. to be of same height as this light.
-RACON			C(- • - •)		20		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
14968 G 3504.6	-Piedra Negra.	23° 10.0' N 106° 25.1' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	26 8	14	White square concrete column, concrete base; 20.	
14972 G 3506	-Isla Chivos, E. breakwater.	23° 10.7' N 106° 25.1' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	69 21	13	Red concrete column; 52.	
14976 G 3507	-W. breakwater.	23° 10.8' N 106° 25.2' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	69 21	13	Green concrete column; 52.	
14977 G 3507.5	-UNAM.	23° 10.9' N 106° 25.4' W	Iso. Y. period 2s	23 7	5	Yellow metal column; 7.	
14978 G 3507.6	-Ferry pier.	23° 11.1' N 106° 25.1' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	30 9	9	Green tower; 23.	
14979 G 3507.4	-Tourist mole.	23° 11.3' N 106° 25.0' W	Fl.G. period 3s fl. 0.5s, ec. 2.5s	30 9	9	Green round metal column; 20.	
14981 G 3507.2	-Pemex Wharf.	23° 11.4' N 106° 25.0' W	2 Iso.G. period 2s	46 14	8	One light on each of 2 white metal towers; 13.	
14985 G 3507.8	-Duques de Alba, S.	23° 11.3' N 106° 24.8' W	Fl.R. period 3s fl. 1s, ec. 2s	20 6		Red pipe; 20.	
14985.1 G 3507.9	--N.	23° 11.5' N 106° 24.7' W	Fl.R. period 3s fl. 1s, ec. 2s	20 6		Red pipe; 20.	
14988 G 3508	-Piedra Blanca.	23° 11.6' N 106° 24.7' W	Fl.R. period 3s fl. 0.5s, ec. 2.5s	30 9	9	Red truncated pyramidal concrete tower; 20.	
14988.5 G 3508.6	-Isla De Soto.	23° 12.5' N 106° 24.3' W	Fl.G. period 3s fl. 0.5s, ec. 2.5s	23 7	6	Green tower; 23.	
14992 G 3504.4	-Harbor entrance channel Range, front.	23° 12.8' N 106° 24.2' W	Fl.W. period 3s fl. 1s, ec. 2s	62 19	17	Orange truncated pyramidal metal tower; 52.	
14996 G 3504.41	--Rear, 485 meters 024°12' from front.	23° 13.0' N 106° 24.1' W	Iso.W. period 2s	85 26	17	Orange truncated pyramidal metal tower; 79.	
14997 G 3505	-Harbor channel Range, front.	23° 12.6' N 106° 24.5' W	Fl.W. period 3s fl. 1s, ec. 2s	69 21	17	Orange truncated pyramidal metal tower; 66.	
14997.5 G 3505.1	--Rear, 1485 meters 018° 31' from front.	23° 13.4' N 106° 24.2' W	Iso.W. period 2s	180 55	17	Orange truncated pyramidal metal tower; 52.	
14998 G 3508.6	-W. side.	23° 12.5' N 106° 24.3' W	Fl.G. period 3s fl. 0.5s, ec. 2.5s	22 7	6	Green concrete column; 22.	
15000 G 3505.5	-Fishing wharf Range, front.	23° 12.8' N 106° 23.8' W	Fl.W. period 3s fl. 1s, ec. 2s	56 17	17	Orange truncated pyramidal metal tower; 46.	
15000.1 G 3505.51	--Rear, 192 meters, 052°44' from front.	23° 12.8' N 106° 23.7' W	Iso.W. period 2s	62 19	17	Orange truncated pyramidal metal tower; 59.	
15004 G 3502.7	Rio Baluarte.	22° 48.0' N 106° 02.4' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	26 8	6	Truncated pyramidal metal tower; 24.	
15006 G 3502.5	Teacapan.	22° 32.0' N 105° 45.5' W	Fl.W. period 6s fl. 1s, ec. 5s	52 16	10	White truncated pyramidal metal tower; 55.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
15007 G 3502.3	Agua Brava.	22° 06.0' N 105° 38.6' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	36 11	9	Truncated pyramidal metal tower, red and white checkered, concrete base; 24.	
15008 G 3502	Isla Isabela.	21° 50.0' N 105° 52.8' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	180 55	10	Truncated pyramidal metal tower, red and white checkers, concrete base; 36.	
15010 G 3495.5	Boca de Camichin.	21° 46.0' N 105° 31.0' W	Fl.W. period 6s fl. 1s, ec. 5s	36 11	8	Round concrete tower; 26.	
15012 G 3494	San Blas.	21° 32.1' N 105° 18.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	144 44	13	White round concrete tower, red bands; 46.	
15014 G 3494.4	-Range, front.	21° 32.0' N 105° 19.0' W	Fl.W. period 3s fl. 1s, ec. 2s	46 14	10	Truncated pyramidal metal tower, red and white checkered, concrete base; 39.	
15015 G 3494.41	--Rear.	21° 32.0' N 105° 19.0' W	Iso.W. period 2s	62 19	11	Truncated pyramidal metal tower, red and white checkered, concrete base; 52.	
15016 G 3494.2	-E. jetty.	21° 32.0' N 105° 19.0' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	46 14	7	Red truncated pyramidal metal tower, concrete base; 25.	
15020 G 3494.3	-W. jetty.	21° 32.0' N 105° 19.0' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	43 13	7	Green truncated pyramidal metal tower, concrete base; 25.	
15021	-Mole, N. head.	21° 32.4' N 105° 17.5' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	13 4		Red concrete tower; 13.	
15021.1	--S. head.	21° 32.4' N 105° 17.5' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	13 4		Red concrete tower; 13.	
15022 G 3495	El Asadero.	21° 40.8' N 105° 22.1' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	125 38	7	Metal structure; 11.	
15024 G 3500	Isla San Juanico.	21° 45.5' N 106° 40.6' W	Fl.W. period 6s fl. 1s, ec. 5s	171 52	9	White truncated pyramidal metal tower; 24.	
15028 G 3498	Isla Maria Madre.	21° 37.0' N 106° 32.2' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	203 62	12	White round concrete tower; 23.	Visible 165°-314°.
15032 G 3499.6	-Espolon del Diablo.	21° 36.0' N 106° 37.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	33 10	8	Truncated pyramidal metal tower; 11.	
15036 G 3499	-Balleto Anchorage, N. mole, head.	21° 38.5' N 106° 33.3' W	Iso.R. period 2s	39 12	6	Red round metal column; 33.	
15040 G 3499.2	--S. mole, head.	21° 38.5' N 106° 33.3' W	Iso.R. period 2s	39 12	6	Red round metal column; 33.	
15044 G 3496	Isla Maria Cleofas.	21° 17.3' N 106° 13.9' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	492 150	10	White truncated pyramidal metal tower; 24.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
15048 G 3493	Chacala.	21° 10.8' N 105° 15.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	98 30	10	Truncated pyramidal metal tower, red and white checkers; 36.	
15050 G 3492.8	Isla de Los Pelicanos.	21° 03.0' N 105° 17.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	108 33	9	Round concrete tower; 26.	
15052 G 3490	Roca Corbetena.	20° 43.7' N 105° 51.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	56 17	10	Round metal tower, truncated pyramidal concrete base; 20.	
15056 G 3492	Punta de Mita.	20° 45.7' N 105° 33.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	69 21	10	Red truncated pyramidal metal tower; 36.	
15056.5 G 3492.4	Corral del Risco, breakwater.	20° 46.0' N 105° 31.0' W	Fl.G. period 6s	23 7	5	White concrete obelisk on round base; 10.	
15057 G 3492.6	Huanacastle.	20° 44.0' N 105° 24.0' W	Fl.G. period 6s fl. 1s, ec. 5s	30 9	7	Red truncated pyramidal metal tower; 28.	
15060 G 3491	Isla Marieta.	20° 41.0' N 105° 36.6' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	75 23	10	Red truncated pyramidal metal tower; 36.	
15061 G 3491.4	-La Redonda.	20° 41.0' N 105° 36.6' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	282 86	9	Red truncated pyramidal metal tower; 24.	
PUERTO VALLARTA:							
15064 G 3484	-Range, front.	20° 39.4' N 105° 14.5' W	Fl.W. period 3s fl. 1s, ec. 2s	43 13	10	White truncated pyramidal metal tower, red bands; 33.	
15068 G 3484.1	--Rear, 140 meters 053° from front.	20° 39.5' N 105° 14.4' W	Iso.W. period 2s	56 17	9	White truncated pyramidal metal tower, red bands; 39.	
15072 G 3485	-Inner breakwater, N. head.	20° 39.3' N 105° 14.9' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	36 11	7	Green round concrete tower; 26.	
-RACON					20		
15076 G 3485.2	--S. head.	20° 39.2' N 105° 14.7' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	43 13	7	Red truncated pyramidal metal tower; 24.	
15076.2 G 3485.5	--Range, front.	20° 39.4' N 105° 15.2' W	Fl.W. period 3s fl. 1s, ec. 2s	20 6	5	White round metal structure, red bands; 15.	
15076.3 G 3485.51	---Rear, 270° from front.	20° 39.4' N 105° 15.3' W	Iso.W. period 2s	20 6	5	White round metal structure, red bands; 15.	
15077 G 3483	Yelapa.	20° 30.5' N 105° 25.5' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	279 85	10	White truncated pyramidal metal structure; 23.	
15080 G 3482	Cabo Corrientes.	20° 24.0' N 105° 42.8' W	Fl.W. period 6s fl. 1s, ec. 5s	305 93	21	White truncated pyramidal octagonal tower, house with red cupola; 20.	
RACON					O(---)		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
15084 G 3481.8	Punta Ipala.	20° 13.5' N 105° 35.5' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	315 96	10	White truncated pyramidal metal tower; 36.	
15085 G 3481.6	Roca Negra.	19° 46.0' N 105° 21.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	102 31	7	White truncated pyramidal metal tower; 23.	
15085.5 G 3481.57	Punta Chalacatepec.	19° 41.0' N 105° 16.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	39 12	10	Round concrete structure; 23.	
15086 G 3481.5	-Careyes Range, front.	19° 25.0' N 105° 02.0' W	Fl.W. period 3s fl. 1s, ec. 2s	75 23	7	White round tower, red bands; 16.	
15087 G 3481.51	--Rear.	19° 25.0' N 105° 02.0' W	Iso.W. period 2s	180 55	7	White round tower, red bands; 16.	
15088 G 3481.4	-Punta Farrallon.	19° 22.5' N 105° 01.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	203 62	15	White round concrete tower; 72.	
15091 G 3480.7	Bahia Navidad.	19° 12.1' N 104° 40.8' W	Fl.(2)W. period 7s				
15092 G 3481	Punta Graham.	19° 10.6' N 104° 41.5' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	656 200	10	Truncated pyramidal metal tower; 36.	
15093 G 3480.57	Morro Carrizal.	19° 05.1' N 104° 26.4' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	89 27	11	Truncated pyramidal metal tower; 24.	
15096 G 3480.6	-AVIATION LIGHT.	19° 09.0' N 104° 33.0' W	Al.W.G. period 10s		15		
15098 G 3480.54	Las Hadas Marina, N. breakwater.	19° 05.9' N 104° 20.8' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	23 7	5	Round concrete tower; 23.	
15098.2 G 3480.55	-S. breakwater.	19° 05.9' N 104° 20.7' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	23 7	5	Round concrete tower; 23.	
15100 G 3477	Los Frailes, SE. Rock.	19° 04.6' N 104° 23.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	36 11	8	Round fiberglass tower; 8.	
15104 G 3478	Manzanillo, breakwater, head.	19° 03.7' N 104° 18.9' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	52 16	7	Round concrete tower; 24.	
15116 G 3480.2	-N. breakwater.	19° 03.7' N 104° 18.3' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	39 12	7	Round concrete column; 20.	
15120 G 3480	-S. breakwater.	19° 03.6' N 104° 18.3' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	33 10	7	Round concrete tower; 20.	
15132 G 3480.4	-San Pedrito Range, front.	19° 03.8' N 104° 17.4' W	Fl.W. period 3s fl. 1s, ec. 2s	46 14	10	Truncated pyramidal metal tower; 39.	
15136 G 3480.41	--Rear, 350 meters 077° from front.	19° 03.8' N 104° 17.3' W	Iso.W. period 2s	75 23	8	Truncated pyramidal metal tower; 23.	
15140 G 3476	Punta Campos.	19° 01.3' N 104° 20.1' W	Fl.W. period 5s	358 109	20	White octagonal concrete tower, dwelling; 36.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
ISLAS REVILLAGIGEDO:							
15144 G 3474	-Isla Socorro.	18° 43.3' N 110° 56.7' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	443 135	10	Truncated pyramidal metal tower; 24.	
15146 G 3473	Cabeza Negra.	18° 35.5' N 103° 42.5' W	Fl.W. period 6s fl. 1s, ec. 5s	262 80	8	Truncated pyramidal metal tower; 23.	
15148 G 3475	-Isla Clarion.	18° 20.8' N 114° 44.2' W	Fl.W. period 6s fl. 1s, ec. 5s	115 35	10	Truncated pyramidal metal tower; 24.	
15152 G 3472	Punta San Telmo.	18° 19.6' N 103° 29.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	230 70	18	White square concrete tower, dwelling; 39.	Visible 279°-149°.
15156 G 3471	Bufadero Bluff.	18° 03.6' N 102° 44.9' W	Fl.(4)W. period 16s	138 42	18	White square stone tower; 52.	
15160 G 3469	Lazaro Cardenas.	17° 55.3' N 102° 10.1' W	Fl.W. period 7s	131 40	18	White round concrete tower, black bands; 118.	
RACON				C(- • - •)		20	
15160.5 G 3470.4	-Entrance Range, front.	17° 56.3' N 102° 11.2' W	Fl.W. period 3s fl. 1s, ec. 2s	49 15	9	Truncated pyramidal metal tower; 43.	
15161 G 3470.41	--Rear, 310 meters 302° from front.	17° 56.4' N 102° 11.3' W	Iso.W. period 2s	66 20	9	Truncated pyramidal metal tower; 59.	
15164 G 3470	-E. breakwater.	17° 55.6' N 102° 09.8' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	30 9	5	Red truncated pyramidal metal tower; 24.	
15168 G 3470.2	-W. breakwater.	17° 55.3' N 102° 09.8' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	30 9	5	Green truncated pyramidal metal tower; 24.	
15177 G 3470.5	-Canal Industrial Range, front.	17° 57.1' N 102° 10.1' W	Fl.W. period 3s fl. 1s, ec. 2s	33 10	9	Truncated pyramidal metal tower; 24.	
15178 G 3470.51	--Rear, 50 meters 033°25' from front.	17° 57.1' N 102° 10.1' W	Iso.W. period 2s	43 13	9	Truncated pyramidal metal tower; 24.	
15180 G 3466	Punta Garrobo.	17° 37.0' N 101° 33.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	377 115	15	Square concrete tower, white house; 42.	Visible 270°-132°.
15182 G 3465.9	Zihuatanejo wharf.	17° 38.0' N 101° 33.0' W	Iso.R. period 2s	16 5	4	Red tower; 10.	
15184 G 3467	La Solitaria (Piedras Negras).	17° 35.5' N 101° 33.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	62 19	9	White truncated pyramidal metal tower; 24.	
15185 G 3465.8	Punta Gorda.	17° 32.0' N 101° 27.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	394 120	14	Truncated pyramidal metal tower; 23.	
15188 G 3468	Isla Grande (Piedra Ahogada).	17° 40.7' N 101° 40.0' W	Fl.W. period 6s fl. 1s, ec. 5s	39 12	9	White truncated pyramidal metal tower; 24.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
15190 G 3465.75	Punta Japutica.	17° 23.5' N 101° 10.4' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s			Round white concrete tower; 17.	
15192 G 3465.7	El Calvario.	17° 23.0' N 101° 09.0' W	Fl.W. period 6s fl. 1s, ec. 5s	492 150	10	Truncated pyramidal aluminum tower; 23.	
15196 G 3465	Morro De Papanoa.	17° 16.1' N 101° 03.2' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	427 130	10	Truncated pyramidal metal tower; 39.	
15197 G 3464.5	Puerto Vicente, N. breakwater.	17° 16.8' N 101° 03.0' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	36 11	7	White truncated pyramidal metal tower; 24.	
15198 G 3464.6	-S. breakwater.	17° 16.8' N 101° 03.1' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	36 11	7	White truncated pyramidal metal tower; 24.	
15200 G 3459	Punta Lorenz.	16° 49.7' N 99° 54.9' W	Fl.W. period 3s fl. 0.5s, ec. 2.5s	118 36	10	White round concrete tower, red bands; 16.	Visible 021°-141°.
15204 G 3460	La Roqueta, N. point of island.	16° 49.5' N 99° 54.7' W	Fl.W. period 2s fl. 0.5s, ec. 1.5s	75 23	7	White round concrete tower, black bands; 33.	
15208 G 3456	La Roqueta Island.	16° 49.2' N 99° 54.4' W	Fl.W. period 10s	377 115	22	White round concrete tower; 49.	Visible 220°-137°.
	RACON		Q(- - • -)		20		
BAHIA DE ACAPULCO:							
15212 G 3456.4	-Yerbabuena.	16° 49.4' N 99° 53.7' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	43 13	9	Truncated pyramidal aluminum tower; 10.	
15216 G 3461	-Punta Grifo.	16° 50.2' N 99° 53.5' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	115 35	9	White truncated pyramidal concrete tower; 24.	
15217 G 3463	-Tourist wharf, E. end.	16° 50.9' N 99° 54.0' W	Iso.R. period 2s	20 6	5	Red round metal tower, hut; 16.	
15218 G 3463.2	-Commercial wharf, W. end.	16° 50.9' N 99° 54.3' W	Iso.G. period 2s	20 6	5	Green round metal tower, hut; 16.	
15220 G 3463.6	-Las Dos Piedras (White Rocks), W. rock.	16° 50.7' N 99° 54.4' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	16 5	7	Red round concrete tower; 10.	
15222 G 3463.64	-Punta Sirena mole, N. end.	16° 50.3' N 99° 54.5' W	Iso.R. period 2s	13 4	5	White metal tower; 13.	
15222.1 G 3463.65	--S. end.	16° 50.3' N 99° 54.5' W	Iso.G. period 2s	13 4	5	White metal tower; 13.	
15222.2 G 3463.66	--Margin.	16° 50.3' N 99° 54.5' W	Iso.Y. period 2s	13 4	5	White metal tower; 13.	
15224 G 3457	Punta Brujas.	16° 48.9' N 99° 52.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	131 40	9	White truncated pyramidal metal tower, red band; 13.	Visible 320°-094°.
15228 G 3454	Puerto Marques.	16° 48.2' N 99° 50.4' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	16 5	5	White round metal tower; 10.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
15229	-El Fraile, SE.	16° 48.5' N 99° 50.5' W	Iso.G. period 2s	23 7		Green round metal tower.	
15229.1	--NW.	16° 48.5' N 99° 50.5' W	Iso.R. period 2s	16 5		Red round metal tower.	
15232 G 3453	AVIATION LIGHT.	16° 46.0' N 99° 46.0' W	Al.W.G.				
15234 G 3452.7	Nexpa.	16° 35.7' N 99° 04.5' W	Fl.W. period 6s fl. 1s, ec. 5s	39 12	9	Truncated pyramidal aluminum tower; 24.	
15236 G 3452.5	Acamama.	16° 32.0' N 98° 51.5' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	48 15	10	White round concrete tower; 33.	
15238	Barra de Tecoaapa.	16° 31.0' N 98° 35.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s			Post; 26.	
15240 G 3452	Punta Maldonado.	16° 19.8' N 98° 35.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	131 40	12	White square concrete tower; 49.	
15240.5	-Drydock.	16° 19.6' N 98° 34.0' W	Iso.W. period 2s			White round tower on drydock; 16.	
15242 G 3450	El Corralero.	16° 12.5' N 98° 12.1' W	Fl.R. period 6s fl. 1s, ec. 5s	66 20	10	White truncated pyramidal metal tower; 24.	
15244 G 3448	Punta Galera.	15° 56.9' N 97° 42.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	105 32	12	White truncated pyramidal concrete tower; 23.	
15248 G 3447	Cerro Hermoso.	15° 57.0' N 97° 32.0' W	Fl.W. period 6s fl. 1s, ec. 5s	36 11	10	White truncated pyramidal metal tower; 24.	
15252 G 3446	Puerto Escondido.	15° 51.0' N 97° 04.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	131 40	16	White octagonal concrete tower; 49.	
15253 G 3445.5	Punta Zicatela.	15° 49.0' N 97° 03.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	36 11	6	White truncated pyramidal metal tower; 15.	
15254 G 3444.2	-Puerto Angel Range, front.	15° 39.5' N 96° 31.2' W	Fl.W. period 3s fl. 1s, ec. 2s	26 8	8	White truncated pyramidal concrete tower; 26.	
15255 G 3444.21	--Rear.	15° 39.5' N 96° 31.2' W	Iso.W. period 2s	33 10	8	White truncated pyramidal concrete tower; 33.	
15256 G 3444	Puerto Angel.	15° 38.6' N 96° 31.2' W	Fl.W. period 5s	184 56	20	White octagonal concrete tower, dwelling; 46.	Visible 266°-094°.
15257 G 3444.3	-Wharf.	15° 39.5' N 96° 31.3' W	Iso.G. period 2s	16 5	5	Green round concrete tower; 15.	
15258 G 3444.4	-Wharf.	15° 39.5' N 96° 31.3' W	Iso.G. period 2s	16 5	5	Green round concrete tower; 15.	
15260 G 3442	Huatulco.	15° 44.0' N 96° 08.3' W	Fl.(3)W. period 18s	197 60	15	White octagonal concrete tower, black bands; 49.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
15261 G 3442.2	-Islote La Blanca.	15° 44.9' N 96° 07.2' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	49 15	6	White round concrete tower; 13.	
15262 G 3442.4	-Punta La Entrega.	15° 44.7' N 96° 07.5' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	20 6	4	Green round concrete tower; 13.	
15263 G 3442.6	-Punta Paraiso.	15° 45.0' N 96° 07.5' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	20 6	5	Red round concrete tower; 13.	
15264 G 3440	Morro Ayutla.	15° 52.5' N 95° 46.8' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	138 42	10	White round concrete tower, dwelling; 36.	
SALINA CRUZ:							
15272 G 3432	-Morro de Salinas.	16° 09.7' N 95° 12.2' W	Fl.W. period 8s fl. 1s, ec. 7s	272 83	20	White octagonal concrete tower, 46.	Visible 265°-048°.
15273 G 3436	-Muelle Fiscal.	16° 09.1' N 95° 12.8' W	Fl.G. period 7s	23 7	10	Round concrete tower; 13.	
15273.3 G 3435.5	-E. Pemex Range, front.	16° 09.6' N 95° 12.5' W	Fl.W. period 3s fl. 1s, ec. 2s	23 7	5	White tower; 23.	
15273.31 G 3435.51	--Rear, 95 meters 000° from front.	16° 09.6' N 95° 12.5' W	Iso.W. period 2s	33 10	5	White tower; 33.	
15273.7 G 3436.05	-W. Pemex Range, front.	16° 09.6' N 95° 12.6' W	Fl.W. period 3s fl. 1s, ec. 2s	23 7	5	White tower; 23.	
15273.71 G 3436.06	--Rear, 95 meters 000° from front.	16° 09.6' N 95° 12.6' W	Iso.W. period 2s	33 10	5	White tower; 33.	
15274 G 3436.2	-Puente Fiscal.	16° 08.8' N 95° 12.1' W	Fl.R. period 5s	23 7	10	Round concrete tower.	
15276 G 3434	-W. breakwater, head.	16° 09.6' N 95° 11.8' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	43 13	9	Green concrete tower; 23.	
15280 G 3433	-E. breakwater, head.	16° 09.7' N 95° 11.7' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	43 13	9	Red concrete tower; 23.	
15282 G 3434.4	-LPG Muelle No. 7.	16° 09.9' N 95° 12.0' W	Iso.R. period 2s	16 5	3	Metal tower; 16.	
15282.1 G 3434.3	--S. dolphin.	16° 09.9' N 95° 12.0' W	Iso.R. period 2s	26 8	3	Green tower; 26.	
15282.2 G 3434.45	--N. dolphin.	16° 09.9' N 95° 12.0' W	Iso.R. period 2s	26 8	3	Green tower; 26.	
15284 G 3435	-Salina Cruz Range, front.	16° 10.4' N 95° 12.0' W	Fl.W. period 3s fl. 1s, ec. 2s	197 60	12	Truncated pyramidal metal tower; 43.	
15288 G 3435.1	--Rear, 280 meters 345°30' from front.	16° 10.6' N 95° 12.0' W	Iso.W. period 2s	220 67	12	Truncated pyramidal metal tower; 43.	
15290 G 3434.2	-Inner Harbor, E side.	16° 10.1' N 95° 11.8' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	20 6	6	Red concrete tower; 15.	
15290.5 G 3431.7	-Punta Cortes.	16° 10.2' N 95° 09.1' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	98 30	10	Stone tower; 26.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
15291 G 3434.25	--W. side.	16° 10.1' N 95° 11.9' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	20 6	6	Green concrete tower; 15.	
15292 G 3431	San Francisco.	16° 12.8' N 94° 48.5' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	56 17	10	Red round concrete tower, yellow bands; 39.	
15296 G 3431.5	San Dionisio Del Mar.	16° 16.0' N 94° 46.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	56 17	10	White round concrete tower; 33.	
15300 G 3430	La Chichi.	16° 11.0' N 94° 27.8' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	49 15	10	White round concrete tower; 39.	
15304 G 3429	La Soledad.	16° 04.1' N 94° 09.3' W	Fl.W. period 6s fl. 1s, ec. 5s	49 15	10	White round concrete tower, red diagonal bands; 39.	
15306 G 3428.5	Paredon.	16° 02.7' N 93° 52.5' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	36 11	10	White round concrete tower; 33.	
15308 G 3428	Puerto Arista.	15° 56.5' N 93° 49.8' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	85 26	12	White round concrete tower; 85.	Visible 288°-122°.
15312 G 3426	Santa Cruz.	15° 33.4' N 93° 18.5' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	59 18	10	Red truncated conical metal tower, yellow bands, concrete base; 52.	
15316 G 3425	Barra San Juan.	15° 08.3' N 92° 50.3' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	59 18	10	White round concrete tower; 52.	
15320 G 3422	Tapachula, AVIATION LIGHT.	14° 55.0' N 92° 16.0' W	Al.FI.W.G. period 5s	197 60			Private light.
15324 G 3424	Puerto Madero.	14° 42.3' N 92° 24.6' W	Fl.W. period 5s	72 22	15	White round concrete tower, red bands; 72.	
PUERTO MADERO:							
15328 G 3424.2	--W. breakwater.	14° 42.0' N 92° 24.7' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	33 10	8	White round concrete tower; 23.	
15332 G 3424.22	--E. breakwater.	14° 41.7' N 92° 24.6' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	26 8	8	Truncated pyramidal tower; 23.	
15333 G 3424.9	Muelle de Pesca, No. 1.	14° 44.3' N 92° 25.1' W	Iso.R. period 2s	13 4	3	Red round fiberglass tower on rectangular concrete base; 10.	
15334 G 3424.7	Muelle Fiscal, No. 3.	14° 42.7' N 92° 24.3' W	Iso.G. period 2s	13 4	3	Green round fiberglass tower; 10.	
15336 G 3424.4	--Entrance Range, front.	14° 42.6' N 92° 23.9' W	Fl.W. period 3s fl. 1s, ec. 2s	56 17	13	Truncated pyramidal metal tower; 39.	
15340 G 3424.41	--Rear, 250 meters 044° from front.	14° 42.7' N 92° 23.8' W	Iso.W. period 2s	75 23	13	Truncated pyramidal metal tower; 69.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MEXICO							
15341 G 3424.8	-Muelle de Pesca Range, front.	14° 42.2' N 92° 23.5' W	Fl.W. period 3s fl. 1s, ec. 2s	33 10	9	Truncated pyramidal metal tower; 30.	
15342 G 3424.81	--Rear, 250 meters 099° from front.	14° 42.1' N 92° 23.3' W	Iso.W. period 2s	66 20	11	Truncated pyramidal metal tower; 59.	
15345 G 3424.6	-Muelle Fiscal Range, front.	14° 43.3' N 92° 24.2' W	Fl.W. period 3s fl. 1s, ec. 2s	33 10	9	Truncated pyramidal metal tower; 33.	
15346 G 3424.61	--Rear, 270 meters 006° from front.	14° 43.4' N 92° 24.1' W	Iso.W. period 2s	52 16	11	Truncated pyramidal metal tower; 39.	
15350 G 3404	El Gancho Range, front.	14° 33.1' N 92° 15.0' W	Fl.W. period 3s fl. 1s, ec. 2s	69 21	14	White round concrete tower; 59.	
15351 G 3404.1	-Rear.	14° 33.2' N 92° 14.8' W	Iso.W. period 2s	82 25	15	White round concrete tower; 79.	
GUATEMALA							
15354 G 3397	Ocos, border light, front.	14° 31.8' N 92° 13.3' W	Fl.W. period 4s	49 15			
15354.5 G 3397.5	-Rear.	14° 31.9' N 92° 13.1' W	Fl.W. period 4s	95 29			
15355 G 3394	Champerico, near pier, head.	14° 18.0' N 91° 56.0' W	Iso.W. period 4s	68 21	13	Tower on concrete tank.	
15356 G 3390	San Jose.	13° 55.2' N 90° 49.7' W	Iso.W. period 20s	92 28	15	White skeleton tower, red bands, white tank.	Aero Radiobeacon 6 miles ENE.
15360 G 3392	-End of wharf.	13° 55.0' N 90° 49.7' W	FR.	49 15	3		
PUERTO QUETZAL:							
15361 G 3385	-Entrance Range, front.	13° 55.3' N 90° 48.1' W	Q.W.	43 13	12	White rectangular daymark.	
15361.5 G 3385.1	--Rear, about 200 meters 295° from front.	13° 55.4' N 90° 48.2' W	Oc.W. period 4s	59 18	12	White rectangular daymark.	
15362 G 3386	-No 1, S. breakwater.	13° 55.0' N 90° 47.7' W	Q.G.	39 12	4	Green square daymark.	
15362.5 G 3386.4	-No 2, N. breakwater.	13° 55.2' N 90° 47.6' W	Q.R.	43 13	4		
15363 G 3386.8	-No. 6.	13° 55.3' N 90° 47.9' W	Q.R.	43 13	4		
15363.5 G 3386.6	-AVIATION LIGHT.	13° 55.6' N 90° 46.9' W	Aero.Fl.(2)W. period 5s	98 30	15	White pyramidal metal tower.	
EL SALVADOR							
15364 G 3380	Acajutla.	13° 34.9' N 89° 50.0' W	Iso.W. period 12s	75 23	8	White metal framework tower; 23.	<i>Reported extinguished (1995).</i>
15368 G 3382	-National pier, head.	13° 34.7' N 89° 50.5' W	FR.	85 26	7		<i>Reported temporarily Iso.R. 3s (1991).</i>
15372 G 3378	Punta Remedios.	13° 32.0' N 89° 48.0' W	L.Fl.W. period 20s fl. 2s, ec. 18s	82 25	14	White steel skeleton tower; 40.	<i>Reported difficult to distinguish from shore lights (March 1982).</i>

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
EL SALVADOR							
15384 G 3366	Punta Chiquirin, S. extremity.	13° 17.5' N 87° 46.8' W	L.F.I.W. period 13s	68 21	10	Aluminum tower, concrete base.	
15388 G 3367	Isla Zacatillo (Isla Punta Zacate), NW. side of island.	13° 18.6' N 87° 46.2' W	L.F.I.W. period 14s	60 18	5	Aluminum tower, concrete base.	
15392 G 3370	Port of La Union, SE. pier.	13° 20.0' N 87° 49.2' W	Fl.Y. period 5s				
15392.4 G 3370.2	-Center pier.	13° 20.1' N 87° 49.2' W	Fl.Y. period 5s				
15392.8 G 3370.4	-NW pier.	13° 20.2' N 87° 49.3' W	Fl.Y. period 5s				
15393 G 3363	Isla del Tigre.	13° 16.6' N 87° 38.5' W	Iso.R. period 2s				
15394 G 3362	Punta Amapala.	13° 09.3' N 87° 54.0' W	Fl.W. period 15s fl. 1.5s, ec. 13.5s	90 27	12	Aluminum square framework tower.	
NICARAGUA							
15398 G 3359	Islas Farallones.	13° 04.8' N 87° 40.9' W	Q. W.				
PUERTO CORINTO:							
15400 G 3352	-Morro Cardon, N. point of Isla El Cardon.	12° 28.5' N 87° 11.4' W	L.F.I.W. period 10s fl. 3s, ec. 7s	87 27	10	White round concrete tower, red lantern; 43.	
15404 G 3353	-Entrance Range No. 1, front.	12° 29.1' N 87° 10.8' W	F.R.			Beacon.	
15408 G 3353.1	--Rear, No. 2, 720 meters 076°40' from front.	12° 29.2' N 87° 10.2' W	Fl.R. period 10s			Beacon.	
15412 G 3354	-Dona Paula Range, No. 3, on Castanones Peninsula, front.	12° 27.9' N 87° 10.3' W	F.G.			Beacon.	
15416 G 3354.1	--Rear, No. 4, 810 meters 122°24' from front.	12° 27.7' N 87° 09.9' W	Fl.G. period 4s			Beacon.	
15420 G 3355	-Isla En Cantada Range, No. 5, front.	12° 28.8' N 87° 09.2' W	F.R.			Beacon.	
15424 G 3355.1	--Rear, No. 6, 250 meters 074°32' from front.	12° 28.9' N 87° 09.1' W	Fl.R. period 10s			Beacon.	
15428 G 3351.4	Puerto Somoza.	12° 11.0' N 86° 46.0' W	Fl.W. period 10s				
PUERTO SONDINO:							
15432 G 3351.6	-Range, front.	12° 10.2' N 86° 46.9' W	F.G.			10 Black and white checkered tower.	
15436 G 3351.7	--Rear, 245 meters 080° from front.	12° 11.5' N 86° 45.7' W	Oc.G. period 9s			10 Black and white checkered tower.	
15440 G 3350	San Juan del Sur.	11° 15.0' N 85° 53.0' W	Fl.W. period 6s	100 30	16	White round wooden tower, red lantern; 15.	
15444 G 3351	-Head of bay, Range, front.	11° 15.4' N 85° 52.4' W	F.R.	33 10	5	House, green roof; 33.	
15448 G 3351.1	--Rear, 213 meters 067° from front.	11° 15.4' N 85° 52.3' W	Fl.R. period 6s fl. 1s, ec. 5s	53 16	5	White water tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
COSTA RICA							
15454 G 3322	Puerto Caldera.	9° 54.8' N 84° 43.5' W	Fl.R. period 5s				
GOLFO DE NICOYA:							
15456 G 3320	-Puntarenas pier.	9° 58.2' N 84° 49.8' W	Iso.R. period 2s			Red and white structure.	
15460 G 3316	Isla Herradura.	9° 38.0' N 84° 41.0' W	Fl.(4)W. period 10s	325 99	15	Skeleton steel tower; 40.	
15462	Isla Cajoo Blanco.	9° 32.4' N 85° 06.7' W	Fl.(2)W. period 18s		20		
QUEPOS ANCHORAGE:							
15464 G 3310	-Punta Quepos.	9° 24.0' N 84° 10.0' W	Fl.W. period 3s fl. 0.5s, ec. 2.5s	511 156	8	Steel framework tower; 40.	Visible 295°-192°.
15468 G 3306	Isla del Cano, W. end.	8° 43.0' N 83° 54.0' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	207 63	12	Steel skeleton tower, red lantern; 72.	Visible 311°-247°.
15469 G 3282	Cabo Matapalo.	8° 22.8' N 83° 17.8' W	Fl.W. period 10s				
15470 G 3282.5	Punta Banco.	8° 22.0' N 83° 08.6' W	Fl.(2)W. period 15s				
15472 G 3284	Golfito, Curupacha Point, W. of entrance.	8° 38.0' N 83° 13.0' W	Fl.W. period 4s	300 91	12	Yellow steel framework structure.	
GOLFITO HARBOR:							
15476 G 3288	-Beacon H, S. side of entrance, 926 meters S. of Voladero Pt.	8° 37.0' N 83° 12.0' W	Fl.R. period 3s fl. 0.5s, ec. 2.5s	30 9		Steel tower with reflectors.	Radar reflector.
15480 G 3290	-Beacon A, N. side of entrance of Voladero Pt.	8° 38.0' N 83° 11.0' W	Q.G.	15 5		Steel tower with reflectors.	
15484 G 3286	-Beacon, entrance Range, front.	8° 38.4' N 83° 10.3' W	F.R.			White diamond daymark, black stripe.	
15488	--Rear, about 6 meters 047° from front.	8° 38.4' N 83° 10.2' W	F.R.			White diamond daymark, black stripe.	
15490 G 3285	-Beacon, Inner Harbor Range, front.	8° 38.1' N 83° 10.0' W	F.G.			Orange triangular daymark on pier roof.	
15491 G 3285.1	--Rear, about 500 meters 037° from front.	8° 38.4' N 83° 09.8' W	F.G.			Orange triangular daymark.	<i>Reported partially obstructed by vegetation (October 2002).</i>

Section 15

Radiobeacons

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
CHILE							
10	Punta Arenas	53° 00.4' S 70° 51.8' W	NAS (- • - - •••).	330		270 NON, A2A.	AERO.
20	Isla Guarello	50° 21.6' S 75° 20.1' W	IGU (•• - - - ••-).	180		315 A2A.	AERO.
25	Isla San Pedro	47° 43.2' S 74° 53.0' W	ISP (•• ••• • - - •).	240		295 NON, A2A.	
30	Chaiten	42° 55.3' S 72° 43.0' W	TEN (- • - •).	150		234 A2A.	AERO. Transmits Monday-Saturday between 1200Z-1500Z and 2200Z-2359Z. Transmits Sunday between 2200Z-2359Z.
40	Punta Corona Light Station	41° 47.1' S 73° 53.3' W	CONA (- • - • - - - - • - -). period 10s tr 7.3s si 2.7s	108		290 NON, A2A.	
70	Constitucion	35° 18.2' S 72° 23.0' W	CTN (- • - • - - •).	240		340 A2A.	AERO.
80	Santo Domingo	33° 38.0' S 71° 38.0' W	SNO (••• - - - - -).	400		355 A2A.	AERO.
100	Quintero	32° 44.4' S 71° 30.1' W	ERO (• ••• - - - -).	85		384 A2A.	AERO.
110	Tongoy	30° 15.8' S 71° 29.5' W	TOY (- - - - - • - - -).	400		260 A2A.	AERO.
130	Caldera	27° 04.4' S 70° 49.9' W	CLD (- • - • •••• - ••).	125		227 A2A.	AERO.
140	Mejillones	23° 06.4' S 70° 27.4' W	MJL (- - • - - - • - ••).	240		240 A2A.	AERO.
150	Iquique/Cavanca	20° 34.0' S 70° 10.9' W	UCU (••- - - - •••-).	170		368 A2A.	AERO.
160	Arica	18° 21.0' S 70° 19.4' W	ARI (• - ••• ••).	240		340 A2A.	AERO.
PERU							
190	Salinas	11° 17.6' S 77° 34.1' W	SLS (••• •••• •••).	150		390 A2A.	AERO.
200	Isla Mazorca Light Station	11° 22.6' S 77° 44.5' W	P (• - - •). period 360s tr 60s si 300s	25		310.4 A2A.	
210	Trujillo	8° 05.4' S 79° 06.8' W	TRU (- ••• ••-).	200		400 A2A.	AERO.
230	Chiclayo	6° 46.5' S 79° 50.0' W	HIC (•••• •• - - - •).	250		320 A2A.	AERO.

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
ECUADOR							
250	Machala	3° 16.0' S 79° 59.0' W	MHL (-- •••• ••••).	50		250 NON, A2A.	AERO.
260	Santa Elena	2° 11.0' S 80° 59.7' W	ST (•••• -). period 60s tr (interrupted by a long dash) 50s si 10s	200	I, IV	292 NON, A2A.	
262	Esmeraldas	0° 59.1' S 79° 40.5' W	ED (• - •••). period 60s tr (interrupted by a long dash) 50s si 10s	200	II, V	292 NON, A2A.	
264	Isla San Cristobal (Galapagos Islands)	0° 55.6' S 89° 30.7' W	IC (•• - ••••). period 60s tr (interrupted by a long dash) 50s si 10s	200	III, VI	292 NON, A2A.	
COLOMBIA							
280	Guapi	2° 36.0' N 78° 05.0' W	GPI (-- • • - - • ••).	216		307	AERO. Transmits between the hours of 1100Z-1900Z.
PANAMA - PACIFIC COAST							
310	Taboga	8° 47.2' N 79° 33.7' W	TBG (- - •••• - - •).	500		311 A2A.	AERO.
320	David	8° 23.3' N 82° 25.7' W	TA (- • -).	100		350 A2A.	AERO.
GUATEMALA							
330	Iztapa	13° 56.0' N 90° 44.0' W	IZP (•• - - •• • - - •).	170		400	AERO.
UNITED STATES							
430	San Clemente Island, California	33° 02.0' N 118° 34.0' W	NUC (- • ••• - - •••).			350	AERO.
840	Ediz Hook Light Station, Washington	48° 08.4' N 123° 24.1' W	K (- • -). period 60s tr 50s (-) 10s	20		317 A2A.	
854	Race Rocks Light Station, Canada	48° 17.9' N 123° 31.8' W	J (• - - -). period 360s tr(3) 60s si 300s	40	IV	314 A2A.	Carrier signal.
860	Neah Bay, Washington	48° 21.0' N 124° 33.0' W	EBY (• - •••• - - - -).			391	AERO.

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
CANADA							
910	Tofino	49° 02.9' N 125° 42.3' W	YAZ (- • - - - • - - - • •).	50		359 A2A.	Carrier signal. A bearing error could result from coastal refraction.
930	Albert Head Calibration Radiobeacon	48° 23.2' N 123° 28.6' W	T (-).			300 A2A.	Transmits upon request through Victoria Marine Radio (VAK).
940	Victoria/Sidney Island	48° 37.7' N 123° 19.1' W	YJ (- • - - - • - - -).	75		233 A2A.	AERO.
950	Active Pass	48° 52.4' N 123° 17.4' W	AP (• - • - - •).	50		378 A2A.	Carrier signal. A bearing error could result from coastal refraction.
960	Comox	49° 45.0' N 124° 57.0' W	QQ (- - • - - - • -).			400	AERO.
1050	McInnes Island Light Station	52° 15.7' N 128° 43.3' W	MS (- - • • •).	100		388 A2A.	Carrier signal.
1080	Dead Tree Point	53° 21.0' N 131° 56.4' W	Z (- - • • •).	25		248 A2A.	AERO.
1100	Prince Rupert	54° 15.8' N 130° 25.3' W	PR (• - - • • - •).	100		218 A2A.	
UNITED STATES - ALASKA							
1140	Sitka (Biorka Island)	56° 51.0' N 135° 32.0' W	SIT (• • • • • • -).	50		344 NON, A2A.	AERO.
1160	Elephant (Sisters Island)	58° 10.0' N 135° 15.0' W	EEF (• • • • • • •).	50		391 NON, A2A.	AERO.
1180	Gustavus	58° 25.0' N 135° 42.0' W	GAV (- - • • - • • • -).			219	AERO.
1190	Ocean Cape	59° 33.0' N 139° 44.0' W	OCC (- - - - - • • • - • • • •).	50		385 NON, A2A.	AERO.
1210	Cape Hinchinbrook Light Station	60° 14.3' N 146° 38.8' W	W (• - - -). period 60s tr 50s (-) 10s	100		292 A2A.	
1220	Hinchinbrook	60° 24.0' N 146° 05.0' W	HBK (• • • • • - • • • • - • -).			362	AERO.
1230	Anchorage	61° 10.0' N 150° 03.0' W	CMQ (- • - • • - - - - • -).			338	AERO.
1240	Wildwood	60° 36.0' N 151° 12.0' W	IWW (• • • - - - • - -).	50		379 NON, A2A.	AERO.
1250	Kachemak	59° 39.0' N 151° 30.0' W	ACE (• - - • • • • •).	50		277 NON, A2A.	AERO.
1260	Woody Island	57° 46.0' N 152° 19.0' W	RWO (• - • • - - - - -).	50		394 NON, A2A.	AERO. South course ambiguous.
1270	King Salmon	58° 44.0' N 156° 47.0' W	AK (• - - • -).			400	AERO.
1280	Adak	51° 55.1' N 176° 33.8' W	NUD (- • • • • - • • •).	50		347 NON, A2A.	AERO.
1290	Cold Bay	55° 18.0' N 162° 47.0' W	CD (- • • • • - • • •).	50		341 NON, A2A.	AERO.
1310	Cape Romanzof	61° 48.0' N 165° 58.0' W	CZF (- • • • • - - • • • • • • •).	50		275 NON, A2A.	AERO.
1320	North River	63° 55.0' N 160° 49.0' W	JNR (• - - - - • • • • •).	50		382 NON, A2A.	AERO.

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
UNITED STATES - ALASKA							
1330	Moses Point	64° 42.0' N 162° 04.0' W	OAY (--- •- -•---).	50		263 NON, A2A.	AERO.
1340	Fort Davis	64° 30.0' N 165° 19.0' W	FDV (••-• -•• •••-).	50		529 NON, A2A.	AERO.
1350	Hotham (Kotzebue)	66° 54.0' N 162° 34.0' W	HHM (•••• •••• -•).	50		356 NON, A2A.	AERO.
1360	Point Lay	69° 44.0' N 163° 01.0' W	PIZ (•-•• •• -••••).	50		251 NON, A2A.	AERO.
1370	Wainwright	70° 37.0' N 159° 52.0' W	AIN (•- •• -•).	50		266 NON, A2A.	AERO.
1380	Browerville	71° 18.0' N 156° 44.0' W	NMT (-• -• -).	50		281 A2A.	AERO.
1390	Lonely	70° 55.0' N 153° 15.0' W	LNI (•-•• -• ••).	50		316 NON, A2A.	AERO.
1400	Oliktok	70° 30.0' N 149° 53.0' W	OLI (--- •-•• ••).	50		329 NON, A2A.	AERO.
1410	Barter Island	70° 08.0' N 143° 39.0' W	BTI (-•••• - ••).	50		308 NON, A2A.	AERO.
CANADA - ARCTIC COAST							
1420	Komakuk	69° 36.0' N 140° 11.0' W	AJ (•- •-•-•).			239	AERO.
HAWAIIAN ISLANDS							
1430	Barbers Point Calibration Radiobeacon	21° 18.0' N 158° 06.5' W	BP (-•••• •-••••). period 30s tr(2) 10s (—) 20s	5		310, 480, 2173.5, 2634 A2A.	Transmits upon request to Coast Guard Communication Station Honolulu, on VHF channel 16, 24 hours in advance, or by letter to Commander, 14th Coast Guard District, Honolulu, Hawaii 96850, 7 days in advance.
1440	Pahoa	19° 32.0' N 154° 58.0' W	POA (•-••• -•••• ••).	50		332 NON, A2A.	AERO.
NORTH PACIFIC ISLANDS							
1450	Johnston Atoll, Apollo	16° 44.0' N 169° 32.0' W	APO (•- •-••• -•••).	50		388 NON, A2A.	AERO. Does not transmit 0300-0400 Saturdays and Sundays.
1460	Midway (Sand Island)	28° 12.2' N 177° 22.8' W	MDY (-- -•• -•••-).	75		400 NON, A2A.	AERO.
1465	Tarawa	1° 23.5' N 173° 08.1' E	TW (- •-•-).	200		375 NON, A2A.	AERO.
Marshall Islands:							
1470	-Uliga	7° 06.0' N 171° 23.0' E	MAJ (-- •- •-•-•).	240		316 NON, A2A.	AERO.
1475	-Airport	7° 04.1' N 171° 17.0' E	MEJ (-- •• •-•-•).			316	AERO.
1480	-Bucholz, Kwajalein	8° 43.0' N 167° 44.0' E	NDJ (-• -•• •-•-•).	80		359 A2A.	AERO.

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
NORTH PACIFIC ISLANDS							
1490	Minami-Tori Shima (Marcus Island)	24° 17.5' N 153° 59.1' E	ML (- - • - ••).	256		343 A2A.	AERO.
1510	Yap, Caroline Islands	9° 30.0' N 138° 06.0' E	YP (- • - - • - - •).	100		317 NON, A2A.	AERO.
1520	Koror, Palau Islands	7° 21.0' N 134° 28.0' E	ROR (• - • - - - • - •).	80		371 NON, A2A.	AERO.
Mariana Islands:							
1530	-Guam	13° 22.0' N 144° 44.0' E	AJA (• - • - - - • -).	300		385 A2A.	AERO.
1540	-Saipan	15° 07.0' N 145° 43.0' E	SN (• • • - •).	80		312 A2A.	AERO.
PAPUA NEW GUINEA							
1570	Kavieng, New Ireland, Bismarck Archipelago	2° 35.3' S 150° 48.8' E	KAV (- • - • - • • • -).	120		368 NON, A2A.	AERO.
1592	Daru	9° 04.6' S 143° 12.6' E	DAU (- • • • - • • • -).	110 100		290 NON, A2A.	AERO.
SOLOMON ISLANDS							
1610	Kieta, Bougainville	6° 18.0' S 155° 43.0' E	KIA (- • - • • • -).	50 30		374 NON, A2A.	AERO.
1620	Ghizo Island	8° 06.0' S 156° 50.0' E	GZ (- - • • - - • • •).	40		328 NON, A2A.	AERO.
1630	Honiara, Guadalcanal	9° 25.0' S 160° 03.0' E	HN (• • • • - •).	150		348 NON, A2A.	AERO.
1635	Kirakira, San Cristobal	10° 27.0' S 161° 55.4' E	KK (- • - - • • -).	150		288 NON, A2A.	AERO.
SOUTH PACIFIC ISLANDS							
1650	Lord Howe Island	31° 31.0' S 159° 04.0' E	LHI (• - • • • • • • • • •).	140 110		272 NON, A2A.	AERO.
1655	Norfolk Island	29° 00.0' S 167° 55.0' E	NF (- • • • • •).	110		260 NON, A2A.	AERO.
New Caledonia:							
1670	-Noumea (La Tontouta)	21° 59.5' S 166° 10.0' E	FND (• • • - • - • - • • •).	200		354 A1A.	AERO.
1680	-Touho	20° 48.0' S 165° 15.0' E	TH (- • • • • •).	25		256 A1A.	AERO.
1685	Houailou, Nessan	21° 15.5' S 165° 36.7' E	HL (• • • • • • - • • •).	25		284 A1A.	AERO.
1690	Port Vila, Efate, New Hebrides	17° 44.0' S 168° 18.0' E	PV (• - - • • • • -).	150		300 A2A.	AERO.

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
SOUTH PACIFIC ISLANDS							
1700	Graciosa Bay, Santa Cruz Islands	10° 43.0' S 165° 47.0' E	GB (- - • - • • •).	150		370 NON, A2A.	AERO.
1703	Funafuti, Tuvalu Islands	8° 31.0' S 179° 12.9' E	FU (• • - • • • -).	100		340 NON, A2A.	AERO.
1780	Upolo Island, Samoa	13° 49.1' S 172° 00.7' W	FA (• • - • • -).	200		270 A2A.	AERO.
1781	Niue	19° 04.0' S 169° 55.0' W	NU (- • • • -).	250		345 A2A.	AERO.
Cook Islands:							
1790	-Rarotonga	21° 12.0' S 159° 49.0' W	RG (• - • - - •).	250		352 A2A.	AERO. Unreliable 120°-170°.
1800	-Aitutaki	18° 50.0' S 159° 45.0' W	AI (• - • • •).	100		320 A2A.	AERO.
Iles Tubuai:							
1805	-Rurutu	22° 27.0' S 151° 20.5' W	RT (• - • -).	100		282.5 A1A.	AERO.
ILES DE LA SOCIETE							
1830	Moorea	17° 28.7' S 149° 46.5' W	MO (- - - - -).	100		377.5 A1A.	AERO.
1840	Huahine	16° 41.0' S 151° 02.0' W	HH (• • • • • • • •).	100		345 A1A.	AERO.
1850	Uturoa, Ile Raiatea	16° 43.0' S 151° 28.0' W	RU (• - • • • -).	100		372 A1A.	AERO.
1860	Motu Mute	16° 27.0' S 151° 45.0' W	BB (- • • • • - • • •).	100		384 A1A.	AERO.
ILES TUAMOTU							
1890	Takapoto	14° 42.0' S 145° 15.0' W	TP (- • - - •).	125		349 A1A.	AERO.
1905	Fangatau	15° 49.5' S 140° 54.0' W	FN (• • - • - •).	125		339 A1A.	AERO.
1910	Iles Gambier	23° 05.4' S 134° 52.6' W	MG (- - - - •).	125		341 A1A.	AERO.
AUSTRALIA							
1980	Lancelin	31° 01.6' S 115° 20.3' E	LCI (• - • • - • • • • •)	60		245 NON, A2A.	AERO.
2110	Whyalla	33° 04.0' S 137° 31.0' E	WHA (• - - • • • • • -).	75		371 NON, A2A.	AERO.
2165	Learmonth	22° 14.5' S 114° 05.7' E	LM (• - • • - -).	90		396 NON, A2A.	AERO.

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
AUSTRALIA							
2175	Wanaea	19° 35.4' S 116° 26.7' E	XCOS (- • • • - - - • • • - - - • • • •).	43		290 A2A.	
2180	Broome	17° 56.0' S 122° 14.0' E	BRM (- • • • • • - - - - -).	80 60		320 NON, A2A.	AERO.
2187	Jabira Venture	11° 55.5' S 125° 00.4' E	JVX (• - - - - • • • - - - - -).	100		436. NON, A2A.	May be inoperative during adverse weather.
2188	Challis	12° 07.4' S 125° 00.6' E	XCHA (- • • • - - - • • • • • • • -).	100		404 NON, A2A.	
2220	Gove	12° 16.5' S 136° 49.5' E	GV (- - • • • • -).	110		380 NON, A2A.	AERO.
NEW ZEALAND							
2330	Napier	39° 28.0' S 176° 52.0' E	NR (- • • - •).	50		354 A2A.	AERO.
2335	Wellington	41° 20.4' S 174° 48.8' E	WN (• - - - •).	100		298 A2A.	AERO.
2340	Cape Campbell	41° 44.0' S 174° 16.0' E	CC (- • • • - - - • •).	100		286 A2A.	AERO.
2380	Ashburton	43° 54.0' S 171° 48.0' E	AS (• - • • •).	50		254 A2A.	AERO.
2390	Oamaro	44° 56.0' S 171° 07.0' E	OU (- - - • • -).	50		302 A2A.	AERO.
2430	Hokitika	42° 44.0' S 170° 57.0' E	HK (• • • • - - - •).	100		310 A2A.	AERO.
2450	Appleby	41° 18.0' S 173° 08.0' E	AY (• - - - - •).	65		210 A2A.	AERO.
2480	Wanganui	39° 58.0' S 175° 02.0' E	WU (• - - • • -).	50		382 A2A.	AERO. Unreliable 325°-065°.
2490	New Plymouth	39° 00.2' S 174° 10.9' E	NP (- • • - - •).	60		370 A2A.	AERO.
ANTARCTICA							
2500	Mawson	67° 36.0' S 62° 53.0' E	VLV (• • • - • - • • • • -).	180		400 A2A.	AERO. Transmits upon request through Mawson (VLV) on 3023 kHz.
2510	Davis Anchorage	68° 35.0' S 77° 58.0' E	VLZ (• • • - • - • • - - - •).	180		392	AERO. Transmits upon request through Davis (VLZ) on 3023 kHz.
2520	Casey	66° 17.0' S 110° 33.0' E	VNJ (• • • - - • - - - •).	180		400 A2A.	AERO. Transmits upon request through Casey (VNJ) on 3023 kHz.

Section 16

Differential GPS Stations

(1) No.	(2) Name	(3) Position	(4) Station ID	(5) Range	(6) Frequency	(7) Transfer Rate	(8) Remarks
CANADA							
200	Amphitrite Point, British Columbia	48° 55.0' N 125° 33.0' W	T 908 R 302 R 303	189	315	200	
205	Richmond, British Columbia	49° 11.0' N 123° 07.0' W	T 907 R 304 R 305	92	320	200	Message Types: 3,5,6,7,9,16.
210	Alert Bay, British Columbia	50° 35.0' N 126° 55.0' W	T 909 R 300 R 301	243	309	200	
215	Sandspit, British Columbia	53° 14.0' N 131° 49.0' W	T 906 R 306 R 307	189	300	200	Message Types: 3,5,6,7,9,16.
HAWAIIAN ISLANDS							
400	Kokole Point	21° 59.0' N 159° 45.5' W	T 880	300	300	200	
410	Upolu Point	20° 14.8' N 155° 53.0' W	T 879	170	285	100	
UNITED STATES-ALASKA							
450	Cold Bay	55° 05.5' N 162° 31.9' W	T 838	180	289	100	
460	Kodiak	57° 37.1' N 152° 11.6' W	T 897	180	313	100	
470	Kenai	60° 40.1' N 151° 21.0' W	T 896	170	310	100	
480	Potato Point	61° 03.4' N 146° 41.8' W	T 895	100	298	100	
490	Cape Hinchinbrook	60° 14.3' N 146° 38.8' W	T 894	120	292	100	
500	Gustavus	58° 25.1' N 135° 41.8' W	T 892	170	288	100	
510	Annette Island	55° 04.1' N 131° 36.0' W	T 889	170	323	100	
UNITED STATES							
600	Whidbey Island, Washington	48° 18.8' N 122° 41.8' W	T 888	90	302	100	
610	Robinson Point, Washington	47° 23.3' N 122° 22.5' W	T 887	60	323	200	
650	Fort Stevens, Oregon	46° 12.3' N 123° 57.4' W	T 886	180	287	100	
660	Cape Mendocino, California	40° 26.4' N 124° 24.4' W	T 885	180	292	100	

(1) No.	(2) Name	(3) Position	(4) Station ID	(5) Range	(6) Frequency	(7) Transfer Rate	(8) Remarks
UNITED STATES							
670	Point Blunt, California	37° 51.2' N 122° 25.1' W	T 884	60	310	200	
680	Pigeon Point, California	37° 11.2' N 122° 23.4' W	T 883	180	287	100	
690	Point Arguello, California	34° 34.4' N 120° 38.4' W	T 882	180	321	100	
700	Point Loma, California	32° 39.9' N 117° 14.6' W	T 881	180	302	100	
AUSTRALIA							
2700	Cape Schanck Light Station	38° 29.7' S 144° 53.3' E	T 700	200	314	200	Message Types: 3, 5, 6, 7, 9, 16.
	-Bora Bora:						
3000	Sydney	33° 59.2' S 150° 58.7' E	T 703	150	308	200	Range is calculated not measured.
3100	Gladstone	24° 02.3' S 151° 21.5' E	T 706 R 6	200	313	200	Message Types: 3, 5, 7, 9, 16.
3200	Ingham	18° 33.3' S 146° 18.3' E	T 708 R 8	200	306	200	Message Types: 3, 5, 7, 9, 16.
3300	Horn Island	10° 35.5' S 142° 16.5' E	T 702 R 2	150	320	200	Message Types: 3, 5, 7, 9, 16.
3400	Cape Flattery	14° 58.0' S 145° 18.0' E	T 705	150	304	200	Range is calculated not measured.
3500	Mackay	21° 06.2' S 149° 12.7' E	T 704	150	315	200	Range is calculated not measured.
3700	Brisbane	27° 04.0' S 153° 03.0' E	T 707 R 7	226	294	200	Message Types: 3, 5, 6, 7, 9, 16.
3800	Karratha	20° 42.4' S 116° 47.0' E	T 700 R 1	200	304	200	Message Types: 3, 5, 6, 7, 9, 16.
3900	Weipa	12° 39.2' S 141° 51.6' E	T 709 R 9	200	316	200	Message Types: 3, 5, 6, 7, 9, 16.
4000	Perth	31° 47.9' S 115° 56.0' E	T 712 R 12	200	306	200	Message Types: 3, 5, 6, 7, 9, 16.
4100	Albany	35° 05.2' S 117° 54.1' E		200	315	200	Message Types: 3, 5, 6, 7, 9, 16.
4200	Mallacoota	37° 34.1' S 149° 44.0' E	T 713 R 13	200	318	200	Message Types: 3, 5, 6, 7, 9, 16.
4300	Darwin	12° 26.7' S 130° 57.5' E	T 714 R 14		294	200	Message Types: 3, 5, 7, 9, 16.
4400	Exmouth	21° 53.1' S 114° 08.0' E	T 715 R 15	200	297	200	Message Types: 3, 5, 7, 9, 16.

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D

Darwin 4300

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G

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G1327		2596	G1411.5		2512	G1482.5		2308	G1546.7		2087
G1329		2572	G1412		2516	G1483		2304	G1546.8		2086
G1329.5		2570	G1413		2508	G1484		2300	G1547		2080
G1330		2568	G1414		2496	G1485		2298	G1547.5		2079
G1331		2567.5	G1416		2492	G1486		2296	G1547.51		2078
G1331.2		2567.6	G1419		2488	G1486.5		2297	G1547.52		2077
G1332		2564	G1420		2484	G1487		2293	G1548		2076
G1332.2		2566	G1421		2481	G1488		2292	G1550		2072
G1332.3		2567	G1421.7		2478	G1490		2288	G1552		2068
G1332.5		2563.5	G1422		2476	G1490.5		2289	G1553		2064
G1333		2560	G1422.1		2476.5	G1491.5		2280	G1554		2060
G1333.1		2561	G1424		2468	G1492		2276	G1555		2056
G1333.17		2562.5	G1425		2472	G1493		2268	G1556		2052
G1333.19		2563	G1425.5		2464	G1494		2264	G1557		2048
G1333.195		2563.2	G1426		2444	G1495		2256	G1558		2044
G1333.2		2558	G1428		2448	G1495.5		2254	G1558.45		2055
G1333.4		2557.5	G1431		2454	G1496		2252	G1558.49		2043
G1333.5		2554	G1431.1		2455	G1498		2324	G1558.5		2049.5
G1333.6		2556	G1432		2452	G1502		2244	G1559		2050
G1333.7		2557	G1435		2426	G1503		2262	G1560		2051
G1333.8		2552	G1435.3		2405	G1503.5		2260	G1560.2		2053
G1334		2548	G1435.31		2406	G1504		2236	G1560.4		2054
G1334.06		2537.5	G1435.4		2408	G1504.2		2232	G1560.5		2049
G1334.1		2538	G1436		2412	G1504.5		2240	G1562		2040

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G1563		2036	G1603		1868	G1684		1656	G1791		1429
G1563.2		2041	G1604		1856	G1686		1658	G1791.1		1429.5
G1563.3		2039	G1606		1852	G1688		1668	G1792		1431.5
G1563.5		2037	G1610		1836	G1689		1669	G1792.1		1431
G1563.6		2038	G1611		1840	G1690		1672	G1792.2		1431.6
G1563.7		2037.5	G1613		1848	G1691		1667.5	G1794		1420
G1563.8		2038.5	G1620		1828	G1691.5		1666	G1795		1412
G1564		2032	G1621		1826	G1692		1660	G1795.2		1414
G1564.5		2028	G1622		1824	G1693		1664	G1795.21		1414.5
G1565		2024	G1623		1820	G1693.5		1662	G1795.3		1415
G1567		2020	G1623.5		1812	G1694		1652	G1795.31		1415.5
G1568		2016	G1624		1804	G1696		1612	G1795.4		1417
G1568.2		2014	G1625		1808	G1696.5		1638.2	G1795.41		1417.5
G1568.3		2012	G1628		1800	G1696.7		1638	G1795.5		1416
G1568.5		2008	G1630		1792	G1697		1640	G1795.51		1416.5
G1568.8		1968	G1631		1796	G1698		1644	G1795.7		1411
G1569		2004	G1632		1788	G1700		1636	G1795.71		1411.5
G1570		1992	G1634		1784	G1702		1620	G1795.75		1409
G1570.5		1988	G1636		1780	G1702.2		1624	G1796		1408
G1570.6		1996	G1636.5		1764	G1702.3		1628	G1797		1344
G1570.65		2000	G1637		1768	G1702.4		1632	G1798		1348
G1571		1972	G1638		1776	G1703		1633	G1802		1360
G1571.5		1976	G1640		1760	G1703.1		1634	G1806		1352
G1571.7		1980	G1642		1744	G1703.31		1615	G1806.5		1353
G1572		1984	G1644		1736	G1703.33		1613	G1806.51		1353.1
G1572.4		1982.4	G1644.1		1740	G1704		1608	G1806.6		1354
G1572.41		1982.5	G1646		1728	G1706		1654	G1806.61		1354.1
G1572.55		1982.2	G1646.1		1732	G1710		1604	G1808		1364
G1572.551		1982.3	G1647		1724	G1712		1600	G1812		1400
G1572.6		1982	G1647.5		1720	G1714		1596	G1814		1396
G1572.61		1982.1	G1647.7		1748	G1720		1540	G1816		1392
G1573		1970	G1648		1752	G1722		1538	G1821		1388
G1573.3		1964	G1649		1756	G1724		1536	G1826		1418
G1573.4		1962	G1649.5		1798	G1726		1532	G1830		1380
G1573.5		1960	G1650		1816	G1728		1504	G1830.1		1380.1
G1574		1952	G1651		1688	G1730		1508	G1833		1376
G1575		1956	G1652		1684	G1734		1516	G1834		1390
G1575.2		1936	G1652.2		1680	G1736		1520	G1834.5		1391
G1575.3		1940	G1653		1716	G1736.4		1524	G1846		1336
G1575.5		1944	G1654		1712	G1737.4		1528	G1846.5		1335
G1575.7		1920	G1655		1708	G1744		1500	G1848		1334
G1575.8		1922	G1656		1676	G1745.4		1495	G1850		1332
G1576		1948	G1657		1675	G1747		1496	G1853		1331.5
G1576.3		1934	G1661		1706	G1750		1492	G1855		1328
G1576.5		1926	G1661.4		1705	G1752		1488	G1856		1330
G1577		1932	G1662		1704	G1754		1486	G1856.2		1331
G1577.5		1928	G1662.5		1696	G1755		1487	G1857		1284
G1578		1924	G1664		1692	G1756		1484	G1858		1304
G1580		1916	G1666		1588	G1758		1480	G1858.5		1303
G1580.4		1917	G1668		1580	G1762		1476	G1859		1292
G1580.5		1917.2	G1668.6		1578	G1764		1424	G1859.1		1310
G1580.7		1917.5	G1669		1584	G1765		1428	G1859.11		1310.5
G1581		1908	G1669.8		1585	G1768		1452	G1859.15		1309.6
G1582		1912	G1670		1576	G1782.3		1443	G1859.16		1309.7
G1583		1910	G1670.5		1574	G1782.31		1443.1	G1859.2		1309
G1584		1904	G1671		1572	G1782.5		1436	G1859.21		1309.5
G1586		1900	G1672		1544	G1782.6		1440	G1859.3		1296
G1588		1896	G1672.1		1548	G1782.7		1440.1	G1859.31		1300
G1589		1892	G1674		1564	G1782.8		1442	G1860		1308
G1590		1884	G1675		1560	G1782.9		1442.1	G1860.2		1312
G1592		1888	G1676		1552	G1783		1438	G1863		1283
G1596		1880	G1678		1556	G1783.1		1438.1	G1864		1282
G1597		1876	G1678.5		1558	G1783.5		1432.1	G1866		1280
G1598		1872	G1682		1592	G1783.6		1432.2	G1869		1278
G1599		1874	G1683		1593	G1784		1432	G1870		1272

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G1871		1276	G1918.5		1162.8	G1969.2		1042	G2053		.780
G1874		1268	G1918.59		1162.82	G1972		1048	G2053.4		.784
G1875		1260	G1918.6		1162.81	G1974		1060	G2054		.786
G1876		1256	G1918.61		1162.83	G1974.1		1064	G2054.1		.786.5
G1877		1255.5	G1918.8		1162.9	G1974.3		1050	G2055		.805.2
G1878		1263	G1918.81		1162.95	G1978		1028	G2056.3		.805.4
G1879.1		1261	G1919		1163.6	G1984		1012	G2056.4		.805.5
G1880		1255	G1919.1		1163	G1985		1016	G2056.5		.805.6
G1880.5		1254	G1919.11		1163.5	G1986		1020	G2056.6		.805.7
G1882		1252	G1921		1156	G1986.4		1010	G2058		.796
G1882.3		1219	G1921.5		1155.5	G1987		1008	G2058.4		.790
G1882.4		1219.5	G1922		1151	G1991		1152	G2059		.792
G1882.5		1219.6	G1923		1150	G1991.1		1152.1	G2061		.770
G1883		1222	G1924		1148	G1992		1152.5	G2062		.768
G1883.1		1223	G1924.2		1149	G1993		1152.6	G2063		.756
G1886		1232	G1924.22		1149.5	G1994		1153	G2063.4		.764
G1887.201		1233	G1924.5		1147	G1994.5		1154	G2063.6		.754
G1887.202		1234	G1925.6		1142	G1995		1155	G2065		.752
G1887.2441		1237	G1925.61		1143	G1996		1004	G2066		.748
G1887.2442		1238	G1926		1144	G2000		1000	G2067		.744
G1887.2443		1235	G1930		1143.5	G2000.4		.998	G2068		.740
G1887.2444		1236	G1932		1141	G2001		.996	G2069		.736
G1887.6		1248	G1934.5		1136	G2002		.992	G2071		.732
G1887.8		1246	G1935		1132	G2003.4		.980	G2074		.728
G1888.6		1228	G1936		1130	G2004		.984	G2075		.724
G1889		1230	G1937		1129	G2004.1		.988	G2076		.716
G1890		1216	G1938		1128	G2006		.978	G2080		.712
G1891		1214	G1940		1127	G2006.1		.979	G2084.4		.708
G1891.3		1213	G1946		1124	G2010		.976	G2085		.700
G1891.5		1215	G1947		1120	G2011		.948	G2086		.696
G1892		1212	G1947.2		1126	G2011.4		.968	G2086.1		.697
G1893.5		1211	G1947.3		1126.5	G2011.6		.972	G2086.11		.697.5
G1894		1210	G1947.7		1116	G2013		.951	G2086.2		.702
G1896		1208	G1948		1112	G2013.1		.955	G2086.3		.703
G1896.2		1208.5	G1952		1108	G2014		.944	G2086.4		.698
G1896.3		1209	G1952.1		1097	G2016		.936	G2086.5		.701
G1896.5		1205	G1952.2		1097.1	G2018		.932	G2086.6		.699
G1896.6		1204	G1953		1098	G2022		.924	G2087.95		.705
G1896.7		1188	G1954		1100	G2025		.920	G2088		.692
G1897		1192	G1954.2		1099.1	G2028		.916	G2089		.680
G1897.1		1192.5	G1954.3		1099	G2028.5		.915	G2089.5		.690
G1898		1193	G1954.4		1099.2	G2029.4		.900	G2090		.684
G1898.1		1193.5	G1955.1		1101	G2029.5		.904	G2090.2		.682
G1898.3		1194	G1955.11		1101.5	G2029.7		.912	G2090.21		.682.5
G1898.31		1194.5	G1955.2		1102	G2029.8		.908	G2091		.687
G1898.49		1195.5	G1955.21		1102.5	G2030		.896	G2091.3		.681
G1898.5		1195	G1955.25		1102.6	G2032		.892	G2092		.688
G1898.51		1195.7	G1955.3		1103	G2034		.856	G2096		.676
G1898.7		1196	G1955.31		1103.5	G2034.2		.868	G2106		.664
G1898.71		1196.5	G1955.35		1103.6	G2034.4		.864	G2112		.636
G1900		1184	G1955.4		1104	G2034.6		.888	G2117		.656
G1900.5		1176	G1955.41		1104.5	G2035		.860	G2119		.640
G1901		1180	G1955.51		1107	G2037		.872	G2121		.649
G1901.5		1177	G1955.52		1106	G2038		.880	G2124		.632
G1904		1172	G1955.53		1105.6	G2038.2		.884	G2125		.628
G1906		1166	G1955.535		1105.5	G2039		.876	G2127		.608
G1908		1168	G1955.54		1105	G2043		.844	G2127.4		.616
G1915		1165	G1956		1096	G2043.5		.845	G2127.41		.620
G1916		1164	G1958		1084	G2044		.846	G2132		.604
G1916.5		1163.8	G1960		1080	G2045		.836	G2132.7		.581
G1918.2		1161	G1961		1078	G2046		.840	G2132.75		.582
G1918.21		1161.25	G1963		1076	G2048		.837	G2132.76		.583
G1918.22		1161.5	G1964		1072	G2049		.812	G2132.8		.584
G1918.39		1162.5	G1968		1036	G2050		.816	G2133.2		.588
G1918.4		1162	G1969		1040	G2052		.788	G2133.3		.592

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G2133.35		595	G3068		392	G3132.3		203	G3266		12
G2133.4		596	G3071		388	G3132.5		203.5	G3267		24
G2133.41		600	G3073		380	G3133		202	G3267.5		26
G2133.7		602	G3076		376	G3133.03		203.3	G3268		16
G2133.71		602.5	G3085		324	G3133.04		203.4	G3269		22
G2138		580	G3085.5		326	G3133.06		202.5	G3278		8
G2140		568	G3090		320	G3133.07		202.6	G3279		7
G2141		572	G3090.4		316	G3133.5		204	G3279.3		9
G2141.1		576	G3091		312	G3133.51		208	G3279.4		10
G2153		544	G3093		308	G3136		188	G3279.5		11
G2156		542	G3094		304	G3137		189	G3280		4
G2158		540	G3095		300	G3137.5		190	G3282		15469
G2159		541	G3096		264	G3140		184	G3282.5		15470
G2180		536	G3096.1		268	G3142		186	G3284		15472
G2202		528	G3096.11		272	G3143		183	G3285		15490
G2996		508	G3096.25		284	G3145		182	G3285.1		15491
G2998		522	G3096.26		288	G3147		181	G3286		15484
G3026		500	G3096.3		280	G3150		176	G3288		15476
G3028		512	G3096.32		276	G3152		180	G3290		15480
G3028.6		517	G3096.34		292	G3153.2		172	G3306		15468
G3029		520	G3096.36		295	G3153.5		170	G3310		15464
G3029.4		521	G3096.4		260	G3154		168	G3316		15460
G3031		496	G3097		256	G3180		160	G3320		15456
G3032		492	G3097.4		254	G3182		156	G3322		15454
G3033		488	G3098		236	G3184		152	G3350		15440
G3035		480	G3098.5		244	G3185		148	G3351		15444
G3037		444	G3098.6		248	G3186		144	G3351.1		15448
G3038		452	G3098.8		252	G3187		157	G3351.4		15428
G3038.1		456	G3100		336	G3188		136	G3351.6		15432
G3040.6		460	G3101		328	G3188.5		131	G3351.7		15436
G3040.8		450	G3101.5		329	G3189		132	G3352		15400
G3040.81		450.1	G3102		331	G3192		140	G3353		15404
G3041		462	G3103		334	G3194		124	G3353.1		15408
G3041.1		463	G3104		333	G3198		96	G3354		15412
G3042		464	G3105		370.2	G3200		104	G3354.1		15416
G3043		468	G3106		348	G3200.05		106	G3355		15420
G3043.1		472	G3106.5		352	G3200.1		108	G3355.1		15424
G3046		474	G3107		360	G3201		97	G3359		15398
G3046.1		474.5	G3107.1		362	G3201.2		98	G3362		15394
G3047		475	G3107.5		369.6	G3206		120	G3363		15393
G3047.1		475.5	G3108		356	G3207		116	G3366		15384
G3047.6		476.5	G3109		344	G3208		112	G3367		15388
G3047.8		477	G3111		369.2	G3209		100	G3370		15392
G3047.9		477.3	G3111.5		369	G3214		68	G3370.2		15392.4
G3048.1		477.7	G3112		368	G3214.5		72	G3370.4		15392.8
G3048.2		477.9	G3113		364	G3215		64	G3378		15372
G3048.8		442	G3114		340	G3216		60	G3380		15364
G3049.2		438	G3114.5		341	G3217		56	G3382		15368
G3049.4		436	G3116		372	G3218		57	G3385		15361
G3050		412	G3119		337.5	G3218.1		58	G3385.1		15361.5
G3051		416	G3119.1		338	G3218.5		55	G3386		15362
G3052		420	G3122		232	G3222		52	G3386.4		15362.5
G3052.3		424	G3124		220	G3225		42	G3386.6		15363.5
G3052.5		425.3	G3124.5		224	G3225.3		43	G3386.8		15363
G3053		426	G3125.4		226	G3240		46	G3390		15356
G3053.4		425.6	G3125.5		227	G3242		48	G3392		15360
G3053.8		429	G3126		216	G3243		47	G3394		15355
G3053.9		432	G3128		212	G3246		44	G3397		15354
G3054		430	G3128.5		211	G3250		40	G3397.5		15354.5
G3054.2		431	G3129		210	G3251		45	G3404		15350
G3054.5		433	G3130.1		213	G3252		38	G3404.1		15351
G3055		428	G3130.5		214	G3254		36	G3422		15320
G3058		408	G3131		215	G3256		32	G3424		15324
G3060		404	G3131.5		215.5	G3262		28	G3424.2		15328
G3064		396	G3132		200	G3264		20	G3424.22		15332

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G3424.4		15336	G3464.5		15197	G3498		15028	G3530		14828
G3424.41		15340	G3464.6		15198	G3499		15036	G3531		14832
G3424.6		15345	G3465		15196	G3499.2		15040	G3532		14836
G3424.61		15346	G3465.7		15192	G3499.6		15032	G3532.1		14840
G3424.7		15334	G3465.75		15190	G3500		15024	G3533		14844
G3424.8		15341	G3465.8		15185	G3502		15008	G3533.1		14848
G3424.81		15342	G3465.9		15182	G3502.3		15007	G3537		14841
G3424.9		15333	G3466		15180	G3502.5		15006	G3537.2		14842
G3425		15316	G3467		15184	G3502.7		15004	G3537.35		14850
G3426		15312	G3468		15188	G3504		14964	G3537.4		14816
G3428		15308	G3469		15160	G3504.4		14992	G3537.45		14820
G3428.5		15306	G3470		15164	G3504.41		14996	G3537.67		14813
G3429		15304	G3470.2		15168	G3504.6		14968	G3537.7		14808
G3430		15300	G3470.4		15160.5	G3505		14997	G3537.8		14807
G3431		15292	G3470.41		15161	G3505.1		14997.5	G3537.9		14809
G3431.5		15296	G3470.5		15177	G3505.5		15000	G3538		14806
G3431.7		15290.5	G3470.51		15178	G3505.51		15000.1	G3538.2		14805
G3432		15272	G3471		15156	G3506		14972	G3538.25		14793
G3433		15280	G3472		15152	G3507		14976	G3538.33		14800
G3434		15276	G3473		15146	G3507.2		14981	G3538.5		14792
G3434.2		15290	G3474		15144	G3507.4		14979	G3538.6		14790
G3434.25		15291	G3475		15148	G3507.5		14977	G3538.8		14789
G3434.3		15282.1	G3476		15140	G3507.6		14978	G3539		14788
G3434.4		15282	G3477		15100	G3507.8		14985	G3539.2		14786
G3434.45		15282.2	G3478		15104	G3507.9		14985.1	G3539.5		14787
G3435		15284	G3480		15120	G3508		14988	G3539.6		14784
G3435.1		15288	G3480.2		15116	G3508.6		14988.5,	G3539.7		14780
G3435.5		15273.3	G3480.4		15132	14998			G3540		14778
G3436		15273	G3480.41		15136	G3512		14960	G3540.05		14773
G3436.05		15273.7	G3480.54		15098	G3513.2		14953	G3540.06		14774
G3436.06		15273.71	G3480.55		15098.2	G3513.25		14952.2	G3540.08		14775
G3436.2		15274	G3480.57		15093	G3513.5		14944	G3540.09		14776
G3440		15264	G3480.6		15096	G3513.6		14940	G3540.13		14777
G3442		15260	G3480.7		15091	G3514		14936	G3540.15		14779
G3442.2		15261	G3481		15092	G3514.4		14932	G3540.3		14772
G3442.4		15262	G3481.4		15088	G3514.5		14928	G3540.5		14765
G3442.6		15263	G3481.5		15086	G3515		14926	G3540.6		14764
G3444		15256	G3481.51		15087	G3516		14924	G3540.7		14760
G3444.2		15254	G3481.57		15085.5	G3518		14920	G3542		14756
G3444.21		15255	G3481.6		15085	G3518.2		14909	G3542.2		14757
G3444.3		15257	G3481.8		15084	G3518.21		14910	G3542.21		14758
G3444.4		15258	G3482		15080	G3518.4		14917	G3542.3		14753
G3445.5		15253	G3483		15077	G3518.41		14918	G3542.4		14754
G3446		15252	G3484		15064	G3518.5		14912	G3542.5		14750
G3447		15248	G3484.1		15068	G3518.51		14916	G3542.6		14751
G3448		15244	G3485		15072	G3518.6		14921	G3543		14748.5
G3450		15242	G3485.2		15076	G3518.7		14922	G3543.5		14748
G3452		15240	G3485.5		15076.2	G3519		14904	G3544		14744
G3452.5		15236	G3485.51		15076.3	G3519.5		14903	G3544.5		14743
G3452.7		15234	G3490		15052	G3520		14896	G3545		14740
G3453		15232	G3491		15060	G3521		14897	G3545.4		14741
G3454		15228	G3491.4		15061	G3521.1		14898	G3546		14736
G3455.51		15273.31	G3492		15056	G3521.3		14899	G3547		14728
G3456		15208	G3492.4		15056.5	G3521.4		14901	G3547.4		14732
G3456.4		15212	G3492.6		15057	G3522		14892	G3547.5		14725
G3457		15224	G3492.8		15050	G3522.5		14885	G3547.6		14726
G3459		15200	G3493		15048	G3523		14884	G3549		14719
G3460		15204	G3494		15012	G3523.2		14880	G3549.5		14718.5
G3461		15216	G3494.2		15016	G3524		14876	G3550		14718
G3463		15217	G3494.3		15020	G3526		14868	G3552		14717
G3463.2		15218	G3494.4		15014	G3526.5		14872	G3553		14708
G3463.6		15220	G3494.41		15015	G3526.6		14870	G3553.5		14712
G3463.64		15222	G3495		15022	G3526.8		14864	G3553.8		14713
G3463.65		15222.1	G3495.5		15010	G3527		14860	G3553.81		14715
G3463.66		15222.2	G3496		15044	G3528		14824	G3554		14720

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G3555		14724	G3582		14564	G3616		14396	G5198		14260
G3555.5		14724.6	G3584		14560	G3616.4		14394	G5200		14256
G3555.6		14724.7	G3584.1		14561	G3616.8		14393	G5201		14254
G3556		14716	G3584.11		14561.5	G3617		14392	G5202		14252
G3558		14704	G3584.2		14563	G3618		14388	G5202.6		14236
G3559		14706	G3584.21		14563.1	G3619		14384	G5203		14240
G3559.4		14707	G3584.3		14563.5	G3619.5		14380	G5203.2		14244
G3560		14705	G3584.31		14563.6	G3620		14364	G5203.4		14248
G3561		14701	G3584.4		14562	G3621		14368	G5204		14160
G3561.4		14702	G3584.41		14562.5	G3622		14376	G5206		14164
G3561.8		14703	G3585		14556	G3626		14372	G5206.4		14168
G3562		14696	G3586		14548	G3626.05		14360.5	G5206.6		14172
G3562.2		14697	G3589.1		14549	G3626.06		14360.6	G5207		14176
G3562.4		14700	G3589.2		14550	G3626.15		14373.5	G5207.6		14180
G3562.45		14695	G3590		14553	G3626.2		14373	G5208		14188
G3562.5		14694	G3590.1		14554	G3629		14360	G5209		14184
G3562.55		14691	G3591		14544	G3629.1		14361	G5210		14192
G3562.6		14691.5	G3591.5		14540	G3629.2		14362	G5210.4		14196
G3562.7		14692	G3591.6		14538	G3629.4		14349	G5211		14200
G3563		14688	G3591.7		14536	G3629.41		14350	G5213		14208
G3563.5		14684	G3592		14532	G3629.45		14352	G5214		14212
G3563.52		14680	G3593		14504	G3629.5		14353	G5214.2		14216
G3563.58		14685	G3594		14516	G3629.6		14354	G5214.6		14220
G3563.6		14686	G3594.1		14520	G3629.7		14355	G5215		14224
G3563.7		14673	G3595		14524	G3630		14348.5	G5215.4		14228
G3563.75		14672	G3595.1		14528	G3634		14348	G5215.6		14104
G3563.8		14676	G3595.4		14522	G3635		14344	G5216		14108
G3563.81		14670	G3596		14508	G3635.5		14338	G5216.4		14100
G3563.83		14669	G3597		14512	G3636		14340	G5217		14096
G3563.85		14668	G3598		14500	G4756		13816	G5217.4		14092
G3564		14664	G3598.5		14496.5	G4768		13768	G5218.3		14112
G3564.2		14660	G3598.55		14496	G4772		13764	G5219		14088
G3564.3		14652	G3598.6		14493	G5140		13600	G5219.4		14148
G3564.4		14648	G3598.7		14492	G5142		13588	G5219.6		14120
G3564.5		14656	G3599		14488	G5149.5		13238	G5220		14116
G3565		14640	G3599.9		14484	G5150		13232	G5220.2		14124
G3565.08		14641	G3600		14480	G5150.5		13236	G5220.4		14128
G3565.2		14644	G3600.8		14478	G5152		13584	G5220.6		14132
G3565.5		14636	G3600.9		14477	G5160		13220	G5221		14136
G3565.55		14637	G3601		14476	G5160.1		13216	G5221.2		14140
G3565.58		14636.5	G3602		14472	G5160.2		13220.1	G5221.4		14144
G3566		14600	G3602.4		14464	G5160.3		13220.2	G5224		14084
G3566.3		14603	G3603		14466	G5160.9		13220.3	G5226		14070
G3566.5		14603.1	G3604		14460	G5160.95		13220.4	G5226.2		14068
G3566.7		14603.2	G3606		14456	G5160.96		13224	G5226.4		14064
G3568.6		14595	G3609		14452	G5161		13214	G5226.6		14072
G3569		14592	G3611		14449	G5172		14336	G5229.4		14060
G3569.3		14601	G3611.2		14450	G5174		14332	G5230		14056
G3569.5		14602	G3611.8		14448	G5178		14276	G5231		14040
G3570		14588	G3612		14416	G5179		14284	G5231.4		14052
G3572		14604	G3612.5		14414	G5180		14288	G5232		14048
G3573		14612	G3613		14412	G5180.4		14292	G5233		14044
G3573.1		14616	G3613.5		14400	G5181		14296	G5234		14036
G3574		14620	G3613.6		14401	G5182		14300	G5238		14032
G3574.1		14624	G3613.7		14402	G5184		14304	G5240		14028
G3575		14628	G3614		14424	G5186		14312	G5240.4		14024
G3575.2		14632	G3614.1		14428	G5188		14316	G5241		14020
G3575.3		14634	G3614.3		14432	G5189		14320	G5241.7		14014
G3575.8		14578	G3614.31		14436	G5189.4		14308	G5241.75		14011
G3576		14576	G3614.5		14440	G5190		14328	G5242		14004
G3576.3		14577	G3614.51		14444	G5190.2		14324	G5246		14000
G3576.6		14584	G3615		14409	G5190.4		14280	G5247		13996
G3577		14580	G3615.3		14408	G5191		14272	G5249		13992
G3578		14572	G3615.4		14405	G5192		14268	G5250		13984
G3580		14568	G3615.5		14404	G5194		14264	G5251		13980

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Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G5252		13960	G5335		13636	G5379.2		13424	G5423.7		12920
G5252.2		13968	G5336		13632	G5379.4		13420	G5423.82		12918
G5252.4		13972	G5337		13628	G5380		13436	G5423.83		12919
G5252.6		13976	G5337.5		13672	G5381		13440	G5426		12972
G5253		13988	G5338		13624	G5382		13344	G5426.6		13087
G5253.5		13952	G5339		13616	G5382.2		13348	G5426.8		13086
G5254		13948	G5339.4		13617	G5383		13352	G5427.2		13088
G5254.1		13944	G5340		13612	G5384		13356	G5430		13080
G5254.2		13956	G5340.4		13620	G5385		13360	G5434		12988
G5254.3		13964	G5340.6		13640	G5385.1		13364	G5435		12984
G5254.5		13940	G5341		13617.3	G5386		13340	G5437		12992
G5255		13936	G5341.4		13652	G5388		13336	G5438		12996
G5256		13836	G5341.6		13654	G5390		13332	G5442		13000
G5256.4		13848	G5342		13648	G5394		13408	G5448		13008
G5257		13840	G5342.4		13644	G5394.1		13412	G5455		13012
G5258		13852	G5343.5		13560	G5394.4		13416	G5456		13014
G5259		13856	G5344.56		13647	G5396		13240	G5465		13016
G5260		13860	G5344.6		13564	G5397		13244	G5465.5		13019
G5261		13864	G5344.61		13566	G5398.6		13244.5	G5468		13020
G5262		13868	G5344.62		13565	G5398.8		13090	G5468.2		13028, 13032
G5262.6		13872	G5344.7		13568	G5398.85		13091	G5469.9		13035
G5263		13876	G5344.74		13572	G5399		13113	G5471.3		13034
G5264		13880	G5345		13664	G5399.1		13113.1	G5473		13033
G5264.4		13884	G5345.2		13556	G5400		13112	G5473.4		13040
G5265		13888	G5345.3		13576	G5401		13116	G5474		13044
G5266		13892	G5345.7		13580	G5402		13120	G5476		13052
G5267		13896	G5345.8		13548	G5402.5		13122	G5477		13048
G5268		13900	G5345.9		13544	G5403		13128	G5478		13056
G5269		13904	G5346		13396	G5403.5		13130	G5479		13060
G5270		13908	G5346.4		13392	G5404		13136	G5479.2		13061
G5271		13912	G5348		13388	G5404.5		13138	G5479.21		13062
G5272		13916	G5349		13398	G5405		13144	G5480		13064
G5273		13920	G5350		13400	G5406		13148	G5481		13046
G5274		13924	G5351		13540	G5408		13160	G5481.2		13047
G5276		13928	G5351.6		13536	G5410		13152	G5481.4		13049
G5277		13932	G5352		13532	G5410.1		13156	G5482		13065
G5279		13832	G5353		13528	G5413		13164	G5485		13304
G5280		13828	G5354		13524	G5413.22		13222	G5486		13312
G5287		13824	G5355.4		13520	G5413.23		13223	G5486.2		13308
G5288		13820	G5356		13512	G5413.3		13223.1	G5486.4		13316
G5292		13800	G5357		13608	G5413.31		13223.2	G5486.44		13324
G5296		13772	G5357.4		13604	G5413.47		13223.5	G5486.5		13320
G5296.2		13776	G5358		13596	G5416.2		13176	G5486.8		13328
G5296.21		13780	G5359		13592	G5416.4		13180	G5488		13300
G5296.3		13784	G5359.5		13510	G5417		13188	G5489		13256
G5296.31		13788	G5360		13480	G5418		13192	G5490		13264
G5300		13760	G5362		13488	G5419		12968	G5491		13272
G5306		13740	G5364		13496	G5419.4		12900	G5492		13268
G5307		13736	G5365		13492	G5420		12896	G5493		13276
G5308		13744	G5366		13448	G5420.4		12904	G5493.5		13284
G5308.1		13748	G5367		13500	G5420.5		12908	G5493.51		13288
G5310		13704	G5368		13504	G5420.6		12910	G5494.44		13289
G5312		13708	G5368.5		13509	G5421.3		12964	G5494.5		13290
G5312.4		13712	G5369		13456	G5421.35		12966	G5496		13260
G5320		13716	G5370		13460	G5421.4		12967	G5498		13252
G5322		13720	G5370.4		13464	G5421.5		12952	G5499		13248
G5324		13724	G5371		13472	G5422		12948	G5502		12888
G5325		13728	G5372		13476	G5422.5		12956	G5502.4		12892
G5326.5		13730	G5373		13508	G5422.6		12960	G5504		12880
G5328		13700	G5374		13372	G5423		12944	G5506		12884
G5330		13688	G5376.5		13380	G5423.1		12940	G5507		12876
G5332		13692	G5376.6		13384	G5423.3		12912	G5507.4		12872
G5333		13696	G5378		13368	G5423.4		12936	G5508		12868
G5334		13684	G5378.6		13432	G5423.5		12932	G5508.5		12864
G5334.5		13680	G5379		13428	G5423.6		12916	G5509		12860

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G5510		12776	G5574.2		12452	G5625		12340	G5700		12072
G5511		12772	G5574.4		12444	G5625.4		12356	G5701		12068
G5512		12768	G5574.6		12644	G5625.7		12334	G5702		12124
G5513		12760	G5574.8		12588	G5628		12328	G5704		12120
G5513.5		12756	G5575		12584	G5628.6		12320	G5706		12116
G5514		12752	G5576		12580	G5628.7		12316	G5707		12112
G5516		12748	G5577		12576	G5628.8		12324	G5708		12060
G5517		12744	G5577.4		12572	G5629		12312	G5709		12048
G5519		12740	G5578		12568	G5629.2		12304	G5711		12044
G5521		12704	G5578.4		12564	G5629.4		12308	G5712		12036
G5522		12742	G5579		12640	G5629.6		12302	G5713		12052
G5522.5		12708	G5580		12560	G5631		12300	G5713.4		12056
G5523		12712	G5582		12552	G5632		12288	G5713.7		12032
G5523.5		12736	G5582.2		12556	G5633		12284	G5714		12028
G5523.6		12738	G5582.5		12558	G5634		12292	G5715		12040
G5523.8		12716	G5582.6		12540	G5635		12296	G5716		12020
G5524		12720	G5582.8		12544	G5635.2		12296.5	G5716.4		12016
G5524.3		12728	G5582.81		12548	G5635.4		12297	G5718		12012
G5524.6		12724	G5583		12551	G5635.41		12297.5	G5719		12008
G5525		12732	G5583.5		12536	G5636		12248	G5720		12000
G5526		12780	G5584		12528	G5640		12244	G5722		11996
G5526.4		12784	G5586		12520	G5641		12232	G5723		11992
G5527		12848	G5586.2		12522	G5641.2		12236	G5724		11984
G5528		12856	G5587		12524	G5642		12228	G5725		12004
G5529		12852	G5587.3		12526	G5647		12280	G5726		11988
G5530		12844	G5587.5		12518	G5647.4		12276	G5727		11980
G5531		12840	G5588		12516	G5648		12268	G5728		11976
G5532		12828	G5589		12512	G5649		12252	G5730		11972
G5532.1		12832	G5590		12508	G5650		12264	G5732		11968
G5534		12824	G5593		12504	G5652		12272	G5734		11892
G5535		12820	G5594		12500	G5654		12260	G5734.2		11956
G5537		12816	G5595		12496	G5655		12256	G5734.4		11952
G5538		12812	G5595.5		12490	G5656		12220	G5734.6		11948
G5540		12836	G5596		12492	G5658		12216	G5734.7		11944
G5542		12804	G5598		12488	G5662		12212	G5734.8		11940
G5542.1		12808	G5598.4		12484	G5664		12208	G5735		11932
G5544		12792	G5599		12468	G5668		12204	G5735.2		11920
G5545		12800	G5600		12464	G5669		12200	G5735.4		11924
G5545.3		12802	G5600.4		12480	G5670		12196	G5735.5		11925
G5546		12796	G5601		12456	G5672		12192	G5735.6		11928
G5547		12798	G5603		12440	G5673		12188	G5735.7		11926
G5547.1		12799	G5603.4		12460	G5674		12184	G5735.8		11918
G5549		12664	G5604		12436	G5675		12180	G5736		11916
G5550		12696	G5605		12432	G5676		12176	G5736.2		11912
G5551		12700	G5606		12476	G5677		12158	G5736.4		11908
G5551.4		12692	G5606.4		12472	G5678		12172	G5736.6		11904
G5552		12676	G5606.6		12428	G5680		12168	G5736.8		11900
G5554		12672	G5608		12424	G5681		12164	G5737		11896
G5562		12678	G5610		12420	G5682		12160	G5737.2		11888
G5562.1		12678.1	G5612		12392	G5684		12132	G5737.4		11884
G5564		12684	G5613		12388	G5685		12136	G5738		11864
G5564.2		12680	G5613.4		12384	G5686		12140	G5738.2		11868
G5566		12660	G5613.5		12376	G5688		12148	G5738.4		11872
G5567		12620	G5613.6		12380	G5688.5		12156	G5738.6		11876
G5568		12612	G5614		12372	G5689		12152	G5739		11880
G5568.4		12616	G5615		12368	G5689.5		12144	G5739.2		11860
G5568.6		12604	G5615.4		12396	G5690		12128	G5739.3		11826
G5569		12608	G5616		12400	G5693		12104	G5739.4		11828
G5570		12632	G5616.1		12404	G5694		12108	G5739.5		11830
G5571		12652	G5617		12408	G5695		12100	G5739.6		11832
G5572		12636	G5617.1		12412	G5696		12096	G5739.66		11836
G5572.8		12596	G5622		12360	G5698		12092	G5739.7		11840
G5573		12600	G5623		12364	G5698.4		12088	G5739.8		11844
G5573.8		12448	G5624		12348	G5699.4		12080	G5740		11848
G5574		12592	G5624.6		12344	G5699.6		12076	G5740.1		11852

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Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G5740.2		11856	G5797.8		11644	G5850		11392	K1662.51		9438.1
G5740.5		11812	G5800.3		11659	G5851		11384	K1663		9436
G5740.6		11816	G5801		11660	G5852		11380	K1665		9440
G5740.8		11808	G5802		11664	G5854		11372	K1665.1		9444
G5741		11804	G5803		11668	G5856		11376	K1669		9445.4
G5742		11800	G5803.2		11672	G5857		11368	K1669.2		9445.2
G5743		11796	G5803.21		11674	G5858		11364	K1669.3		9445
G5744		11792	G5803.4		11676	G5858.4		11360	K1669.4		9445.6
G5744.4		11788	G5803.6		11684	G5858.6		11356	K1669.41		9445.61
G5745		11784	G5803.8		11688	G5859		11352	K1674		9424
G5746		11780	G5805.5		11654	G5860		11348	K1675		9416
G5747		11532	G5805.8		11696	G5861		11332	K1675.8		9375.5
G5747.2		11536	G5806		11692	G5861.4		11336	K1676		9374
G5747.3		11824	G5807		11604	G5862		11340	K1676.2		9375
G5747.32		11825	G5807.2		11608	G5863		11344	K1679.2		9376
G5747.34		11820	G5807.4		11592	G5863.7		11328	K1679.21		9380
G5747.38		11818	G5808		11588	G5863.8		11164	K1679.98		9392
G5747.39		11822	G5808.2		11584	G5864		11168	K1679.99		9388
G5747.4		11516	G5808.4		11576	G5866		11172	K1680		9384
G5747.6		11512	G5809		11476	G5866.6		11172.2	K1680.01		9393
G5747.8		11508	G5810		11472	G5866.8		11172.4	K1681.9		9396
G5748		11528	G5811		11468	G5867		11172.6	K1682		9400
G5748.5		11524	G5811.5		11464	G5867.4		11172.8	K1682.1		9404
G5749		11520	G5812		11460	G5869		11196	K1682.81		9398
G5749.5		11526	G5812.3		11454	G5870		11200	K1683.4		9408
G5751		11492	G5812.6		11564	G5872		11204	K1683.41		9412
G5752		11496	G5813		11560	G5874		11208	K1683.7		9413
G5753		11500	G5814		11556	G5876		11212	K1683.71		9413.1
G5753.6		11504	G5816		11540	G5877		11214	K1683.8		9414
G5754		11488	G5818		11152	G5878		11216	K1683.81		9414.5
G5756		11484	G5819		11572	G5882		11176	K1684		9364
G5757		11480	G5819.4		11552	G5884		11180	K1685.4		9348
G5758		11744	G5820		11548	G5888		11188	K1685.59		9349.3
G5758.4		11740	G5822		11544	G5889		11192	K1685.8		9353
G5758.7		11736	G5826		11316	G5890		11193	K1685.9		9357
G5760		11772	G5828		11320	G5910		11144	K1690		9344
G5761		11776	G5829		11312	G5914		11140	K1690.2		9346
G5761.4		11774	G5830		11308	G5916		11136	K1690.4		9336
G5761.6		11773	G5831		11300	G5924		11132	K1690.6		9340
G5762		11768	G5832		11304	G5972		11160	K1691		9340.5
G5763		11756	G5833		11296	G5984		11156	K1691.19		9340.74
G5764		11764	G5833.4		11292	G5988		11148	K1691.2		9340.7
G5768		11752	G5834		11280	G7560		11129	K1691.25		9340.72
G5771		11747	G5834.2		11284	G7560.1		11129.1	K1691.4		9340.8
G5771.5		11747.5	G5834.6		11288	G7580		11112	K1691.41		9340.83
G5772		11704	G5835		11268	K1636		9516	K1691.42		9340.82
G5772.5		11700	G5836		11276	K1636.3		9518	K1691.55		9340.9
G5773		11760	G5836.2		11272	K1638		9512	K1691.57		9340.97
G5774		11712	G5837		11264	K1639		9510	K1691.58		9340.98
G5776		11716	G5837.4		11232	K1639.3		9511	K1691.62		9340.96
G5776.1		11720	G5838		11260	K1640		9500	K1691.65		9340.92
G5778		11724	G5838.4		11244	K1641		9508	K1691.66		9340.94
G5780		11728	G5838.6		11252	K1642		9504	K1691.7		9341.2
G5782		11732	G5838.8		11256	K1642.9		9476	K1691.77		9341.5
G5783		11616	G5840		11248	K1643		9472	K1691.78		9341
G5794		11624	G5842		11420	K1646		9468	K1691.8		9341.7
G5794.4		11632	G5842.1		11424	K1650		9452	K1691.82		9341.75
G5795		11636	G5843		11416	K1654		9456	K1691.84		9342.1
G5795.3		11637	G5843.2		11428	K1656		9460	K1691.85		9342
G5795.5		11638	G5844		11432	K1656.1		9464	K1691.86		9342.2
G5795.6		11639	G5845		11436	K1658		9448	K1691.88		9343.2
G5796		11640	G5846		11440	K1659		9447	K1691.89		9343.4
G5797.3		11648	G5847		11444	K1660		9428	K1691.9		9343
G5797.31		11652	G5847.8		11412	K1662		9432	K1691.92		9343.5
G5797.6		11656	G5848		11408	K1662.5		9438	K1691.967		9343.6

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Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
K1691.98		9328	K1755	9150, 9158		K1768		9090	K1781.8		8925.5
K1691.99		9332	K1755.1	9150.1,		K1768.1		9090.1	K1782		8888
K1692.4		9320	9158.1			K1768.3		9088	K1784		8892
K1693.5		9326	K1755.2	9151		K1768.31		9088.1	K1784.5		8896
K1694		9316	K1755.21	9151.1		K1768.5		9090.5	K1784.51		8900
K1695		9312	K1756	9140		K1768.51		9090.51	K1785.1		8908
K1696		9308	K1756.2	9141		K1768.6		9090.7	K1786.3		8912
K1698		9304	K1756.25	9142		K1768.61		9090.71	K1786.31		8916
K1702		9284	K1756.4	9144		K1770		9096	K1786.5		8920
K1704.1		9296	K1756.41	9144.1		K1770.15		9100	K1786.51		8924
K1704.2		9298	K1756.45	9146		K1770.2		9101	K1787.08		8918
K1707.4		9302	K1756.46	9146.1		K1770.22		9101.1	K1787.12		8919
K1710		9276	K1756.5	9149		K1770.3		9102	K1787.8		8886
K1712		9280	K1756.52	9149.2		K1770.4		9102.1	K1788		8884
K1714		9272	K1756.6	9132		K1771		9008	K1790		8880
K1715.3		9270	K1756.61	9136		K1771.1		9012	K1792		8876
K1716		9268	K1756.7	9137		K1771.75		9102.2	K1794		8872
K1717		9264	K1757	9124		K1771.8		9092	K1795		8868
K1718		9252	K1757.1	9128		K1773.5		9021	K1796		8856
K1719		9256	K1757.2	9116		K1773.51		9022	K1798		8860
K1719.4		9260	K1757.21	9120		K1774		9004	K1800		8832
K1720		9254	K1757.3	9114		K1775.8		9000.5	K1801.08		8838
K1721.4		9255	K1757.31	9114.5		K1775.9		9006	K1801.095		8836
K1721.41		9255.1	K1757.5	9112		K1776		9001	K1802		8840
K1722		9248	K1757.6	9104		K1776.3		9002	K1802.5		8844
K1723		9216	K1757.61	9108		K1776.35		9002.9	K1802.51		8848
K1724		9212	K1757.63	9109		K1776.4		9003	K1804.9		8853
K1726		9228	K1757.65	9103.9		K1776.42		9003.1	K1804.91		8854
K1726.2		9240	K1757.66	9103.8		K1777		8976	K1806		8830
K1727		9242	K1757.7	9103.5		K1777.05		8980	K1806.5		8828.5
K1728		9208	K1757.71	9103.6		K1777.15		8982	K1807		8829
K1730		9220	K1757.79	9103.1		K1777.2		8984	K1807.5		8829.5
K1732		9224	K1757.8	9103		K1777.22		8985	K1807.6		8829.6
K1733		9232	K1757.81	9103.2		K1777.4		8988	K1808		8828
K1733.4		9236	K1757.9	9102.9		K1777.45		8989	K1809		8824
K1735		9225	K1758.3	9102.7		K1777.5		8986	K1810.05		8820.5
K1739		9204	K1758.7	9102.5		K1777.51		8986.1	K1810.2		8821
K1739.4		9200	K1759	9060		K1777.82		8992	K1811		8812
K1739.6		9201	K1760	9024		K1777.84		8996	K1811.1		8816
K1739.7		9202	K1760.5	9026		K1777.86		9000	K1811.3		8822
K1739.8		9203	K1761	9036		K1778		8968	K1811.4		8822.05
K1739.9		9199	K1761.1	9036.1		K1778.1		8972	K1811.5		8822.1
K1740		9164	K1761.5	9028		K1778.2		8974	K1811.55		8822.15
K1741		9168	K1762.4	9040		K1778.3		8973	K1811.6		8822.2
K1742		9169.1	K1762.8	9044		K1778.6		8960	K1812		8811.5
K1742.1		9169	K1763	9048		K1778.64		8964	K1814		8809
K1742.3		9169.2	K1763.1	9052		K1779.4		8958	K1814.2		8810
K1743		9170	K1764	9076		K1779.6		8957	K1818		8772
K1744		9180	K1765	9064		K1780.7		8948	K1820		8776
K1744.1		9184	K1765.3	9062		K1780.73		8944	K1822		8784
K1750		9172	K1766	9078		K1780.75	8945, 8950		K1824		8788
K1752		9176	K1766.2	9078.2		K1780.76		8952	K1824.5		8792
K1753		9186	K1766.31	9078.3		K1780.77		8957.7	K1838		8796
K1753.1		9186.1	K1766.32	9078.31		K1780.78		8956	K1839		8808
K1753.2		9188	K1766.4	9078.4		K1780.8		8954	K1840		8804
K1753.21		9190	K1766.5	9078.6		K1780.9		8939	K1841		8800
K1753.4		9198	K1767.1	9082		K1781		8936	K1841.5		8806
K1753.6		9160	K1767.115	9083		K1781.4		8928	K1842		8780
K1754		9152	K1767.4	9085		K1781.41		8932	K1847		8756
K1754.1		9156	K1767.6	9063		K1781.47		8926.2	K1850		8760
K1754.5		9156.2	K1767.61	9063.1		K1781.5		8926.3	K1852		8764
K1754.51		9156.3	K1767.8	9087		K1781.53		8926.7	K1854		8768
K1754.6		9156.7	K1767.81	9087.1		K1781.6		8926	K1856		8752
K1754.7		9156.6	K1767.9	9089		K1781.7		8926.5	K1858		8748
K1754.9		9157	K1767.91	9089.1		K1781.77		8925.7	K1860		8740

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Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
K1860.1		8744	K1957		8492	K2056.2		8298	K2134		8074
K1861		8700	K1958		8493	K2056.4		8268	K2136		8064
K1862		8704	K1960		8508	K2056.6		8270	K2138		8048
K1866		8696	K1961		8494	K2057		8300	K2139		8052
K1870		8428	K1961.5		8495	K2057.1		8304	K2140		8056
K1872		8692	K1962		8512	K2058		8316	K2141		8058
K1872.5		8680	K1963		8496	K2058.1		8320	K2141.2		8058.1
K1873		8676	K1963.15		8514	K2058.3		8312	K2142		8060
K1874		8672	K1963.2		8500	K2058.5		8308	K2146		8028
K1876		8668	K1963.3		8504	K2059		8332	K2150		8032
K1878		8664	K1970		8476	K2059.1		8336	K2151		8034
K1878.5		8684	K1971		8477	K2059.4		8302	K2152		8036
K1879		8616	K1973		8464	K2059.6		8324	K2158		8016
K1879.2		8620	K1973.1		8468	K2059.61		8325	K2158.1		8020
K1879.3		8624	K1974		8456	K2059.7		8328	K2162		8024
K1879.4		8624.5	K1978		8460	K2059.8		8338	K2172		8012
K1879.6		8625	K1980		8450	K2061		8339	K2176		7992
K1879.7		8625.5	K1982		8448	K2061.4		8338.5	K2176.1		7996
K1879.9		8626	K1986		8444	K2061.69		8337	K2177		8000
K1880		8660	K1988		8445	K2061.7		8337.1	K2177.5		8004
K1881		8648	K1994		8440	K2078		8264	K2177.51		8008
K1881.6		8656	K1995		8436	K2081		8260	K2180		7988
K1882		8657	K1996		8432	K2083		8252	K2182		7984
K1882.2		8658	K2000		8408	K2083.2		8248	K2186		6936
K1882.3		8658.1	K2000.1		8412	K2084		8256	K2188		6932
K1882.5		8659	K2001		8424	K2087		8244	K2189		6928
K1882.51		8659.1	K2002		8420	K2088		8228	K2189.5		6929
K1884		8632	K2003		8416	K2088.1		8232	K2189.51		6929.1
K1885		8640	K2008		8152	K2088.4		8240	K2190		6924
K1885.1		8644	K2010		8148	K2089		8241	K2191		6948
K1888		8636	K2012		8144	K2089.4		8226	K2191.2		6952
K1889		8612	K2020		8406	K2089.5		8226.1	K2191.21		6956
K1890		8608	K2023		8404.5	K2091.1		8223	K2191.8		6944
K1892		8604	K2024		8400	K2091.13		8223.1	K2192		6940
K1902		8564	K2025		8392	K2092		8216	K2193		7464
K1904		8568	K2025.3		8396	K2092.4		8220	K2193.1		7468
K1904.1		8572	K2025.4		8388	K2093		8156	K2194		7460
K1908		8576	K2028		8384	K2094		8160	K2199		7472
K1908.1		8580	K2030		8370	K2095		8188	K2199.9		7476
K1909.9		8596	K2034		8368	K2096		8164	K2200		7480
K1910		8584	K2036		8372	K2097		8168	K2200.1		7484
K1910.1		8588	K2036.1		8376	K2098		8172	K2204		7488
K1910.3		8592	K2039		8357	K2100		8184	K2205		7490
K1914		8600	K2039.1		8358	K2104		8196	K2206		7492
K1929		8560	K2040		8359	K2106		8200	K2206.6		7502.5
K1930		8472	K2040.1		8360	K2110		8208	K2207		7504
K1930.3		8470	K2041		8355	K2112		8136	K2208		7500
K1930.5		8471	K2042		8356	K2114		8212	K2208.1		7501
K1931.1		8481	K2044		8352	K2116		8128	K2209		7505
K1931.5		8482	K2044.1		8351	K2117		8132	K2211		7505.5
K1935		8552	K2045		8350	K2118		8124	K2213		7506
K1935.1		8556	K2045.1		8350.5	K2120		8120	K2220		7620
K1935.3		8548	K2048.5		8348.5	K2121		8116	K2221		7633
K1936		8532	K2050		8344	K2122.1		8112	K2222		7632
K1936.1		8536	K2051		8342	K2122.8		8100	K2222.5		7634
K1940		8540	K2051.3		8341	K2123		8104	K2223		7636
K1940.1		8544	K2052		8340	K2124		8108	K2225		7652
K1945		8557	K2055.01		8272	K2126		8092	K2226		7637
K1945.2		8557.2	K2055.2		8274	K2128		8096	K2226.5		7640
K1948		8524	K2055.6		8276	K2129		8084	K2228		7642
K1948.2		8526	K2055.61		8280	K2129.4		8088	K2230		7644
K1950		8518	K2055.8		8284	K2130		8080	K2231.5		7647
K1952		8522	K2055.81		8288	K2132		8076	K2233		7618
K1955		8484	K2055.82		8286	K2133		8068	K2234		7656
K1956		8488	K2056		8296	K2133.1		8072	K2234.5		7657

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
K2235	.....	7658	K2316	.....	7856	K2340.1	.....	7919	K2449.1	.....	7431.1
K2236	.....	7660	K2316.2	.....	7860	K2340.2	.....	7920	K2449.4	.....	7433
K2237	.....	7662	K2317.71	.....	7862	K2341	.....	7940	K2449.7	.....	7434
K2239	.....	7664.1	K2318	.....	7508	K2343	.....	7932	K2450	.....	7435
K2241	.....	7667.5	K2319	.....	7512	K2344	.....	7972	K2450.6	.....	7416
K2242	.....	7668	K2319.5	.....	7521.2	K2346	.....	7924	K2451	.....	7408
K2242.2	.....	7672	K2319.6	.....	7521.3	K2347	.....	7925	K2452	.....	7420
K2242.4	.....	7676	K2320	.....	7520	K2348	.....	7926	K2454	.....	7352
K2242.6	.....	7680	K2320.1	.....	7521	K2349	.....	7927	K2455	.....	7348
K2242.8	.....	7684	K2322.2	.....	7507	K2350	.....	7928	K2456	.....	7344
K2243	.....	7688	K2322.25	.....	7507.5	K2351	.....	7929	K2460	.....	7332
K2243.2	.....	7692	K2322.3	.....	7513	K2352	.....	7930	K2461.1	.....	7336
K2243.3	.....	7693	K2322.35	.....	7514	K2352.1	.....	7931	K2461.5	.....	7330
K2243.4	.....	7696	K2322.4	.....	7515	K2353	.....	7944	K2476	.....	7328
K2243.5	.....	7697	K2322.45	.....	7516	K2353.4	.....	7948	K2480	.....	7324
K2245	.....	7736	K2322.5	.....	7517	K2354	.....	7952	K2482	.....	7320
K2245.1	.....	7740	K2322.55	.....	7518	K2354.4	.....	7960	K2484	.....	7316
K2248	.....	7700	K2322.6	.....	7519	K2355	.....	7964	K2486	.....	7312
K2249	.....	7704	K2322.62	.....	7519.5	K2356	.....	7956	K2492	.....	7300
K2250	.....	7708	K2322.65	.....	7522	K2357	.....	7968	K2492.5	.....	7304
K2251	.....	7712	K2322.7	.....	7523	K2361	.....	7904	K2493	.....	7308
K2252	.....	7716	K2322.75	.....	7524	K2361.1	.....	7908	K2494	.....	7296
K2253	.....	7720	K2322.8	.....	7525	K2404	.....	7976	K2495	.....	7292
K2253.2	.....	7724	K2322.83	.....	7525.6	K2404.1	.....	7980	K2496	.....	7288
K2253.4	.....	7728	K2322.85	.....	7526	K2417.2	.....	7885.4	K2500	.....	7204
K2254	.....	7732	K2322.9	.....	7527	K2417.32	.....	7885.5	K2502	.....	7208
K2254.5	.....	7734	K2322.95	.....	7527.5	K2417.73	.....	7884.5	K2502.5	.....	7210
K2255	.....	7748	K2323	.....	7528	K2418	.....	7884	K2503	.....	7212
K2255.4	.....	7744	K2323.2	.....	7529	K2418.8	.....	7879	K2504.3	.....	7280
K2257	.....	7752	K2323.25	.....	7530	K2418.9	.....	7878	K2504.6	.....	7284
K2270	.....	7760	K2323.3	.....	7531	K2419	.....	7880	K2504.9	.....	7224
K2270.1	.....	7764	K2324	.....	7564	K2420	.....	7872	K2506	.....	7228
K2270.15	.....	7754	K2325	.....	7532	K2420.1	.....	7876	K2508	.....	7260
K2270.6	.....	7756	K2325.5	.....	7523.4	K2422	.....	7868	K2512	.....	7232
K2270.7	.....	7765	K2327	.....	7572	K2423	.....	7456	K2514	.....	7236
K2270.71	.....	7766	K2328	.....	7576	K2424.2	.....	7448	K2516	.....	7240
K2271	.....	7772	K2330	.....	7580	K2424.3	.....	7450	K2518	.....	7244
K2272	.....	7768	K2331	.....	7584	K2426	.....	7444	K2520	.....	7248
K2285	.....	7773	K2331.45	.....	7590	K2428	.....	7440	K2522	.....	7252
K2290	.....	7840	K2331.6	.....	7592	K2432	.....	7436	K2524	.....	7256
K2295	.....	7778	K2331.8	.....	7604	K2436	.....	7356	K2525	.....	7264
K2295.1	.....	7778.1	K2332	.....	7600	K2437	.....	7364	K2526	.....	7268
K2296	.....	7777	K2332.3	.....	7605	K2437.2	.....	7360	K2529	.....	7272
K2297	.....	7776	K2332.6	.....	7606	K2438	.....	7368	K2531	.....	7200
K2297.5	.....	7774	K2333	.....	7608	K2438.1	.....	7372	K2534	.....	7188
K2297.6	.....	7775	K2333.5	.....	7609	K2438.6	.....	7376	K2534.1	.....	7192
K2300	.....	7788	K2334	.....	7612	K2438.8	.....	7376.2	K2538	.....	7196
K2301	.....	7792	K2335	.....	7616	K2439	.....	7377.2	K2540	.....	7180
K2302	.....	7796	K2337	.....	7888	K2439.2	.....	7377	K2542.3	.....	6617
K2303	.....	7800	K2337.2	.....	7889	K2439.6	.....	7378	K2542.4	.....	6618
K2304	.....	7812	K2337.3	.....	7889.2	K2439.7	.....	7378.3	K2542.5	.....	6620
K2305	.....	7816	K2337.6	.....	7889.5	K2440	.....	7380	K2543.24	.....	6627
K2306	.....	7820	K2338	.....	7895	K2441	.....	7388	K2543.85	.....	6625
K2307	.....	7824	K2338.1	.....	7896	K2441.1	.....	7384	K2544	.....	7168
K2308	.....	7828	K2338.17	.....	7889.8	K2442	.....	7396	K2545	.....	7172
K2309	.....	7832	K2338.18	.....	7889.7	K2442.2	.....	7392	K2547	.....	7176
K2310	.....	7836	K2338.19	.....	7890.2	K2443.7	.....	7378.6	K2554	.....	6612
K2311	.....	7804	K2338.2	.....	7890	K2444	.....	7424	K2555	.....	6608
K2311.2	.....	7808	K2338.22	.....	7886	K2444.2	.....	7425	K2556	.....	6604
K2311.22	.....	7810	K2338.24	.....	7890.6	K2446	.....	7428	K2557	.....	6600
K2312.5	.....	7811	K2338.25	.....	7891	K2446.5	.....	7378.9	K2557.5	.....	6598
K2312.55	.....	7811.1	K2338.26	.....	7938	K2446.9	.....	7429	K2558	.....	6592
K2312.6	.....	7811.5	K2338.3	.....	7890.4	K2447	.....	7429.1	K2561	.....	6596
K2313	.....	7848	K2338.4	.....	7937	K2447.1	.....	7429.2	K2570	.....	6588
K2314	.....	7844	K2339.4	.....	7900	K2449	.....	7431	K2572	.....	6576

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
K2572.6		6580	K2626.3		6401	K2684		6260	K2764		6126
K2573.2		6584	K2626.35		6402	K2686		6261	K2765		6127.1
K2573.58		6586	K2626.4		6358	K2688		6268	K2765.2		6127
K2573.59		6586.1	K2626.42		6358.2	K2689		6296	K2765.4		6127.2
K2574		6572	K2626.48		6358.8	K2689.5		6296.1	K2766		6128
K2576		6568	K2626.6		6360	K2692		6276	K2770		6052
K2577.2		6567	K2626.64		6364	K2692.1		6280	K2770.5		6054
K2577.6		6556	K2626.7		6376	K2693		6284	K2770.8		6062
K2577.8		6540	K2626.76		6380	K2693.1		6288	K2771.2		6057
K2578.2		6565	K2626.8		6381	K2695		6272	K2771.21		6057.1
K2578.3		6560	K2626.81		6381.1	K2695.4		6292	K2771.5		6061
K2578.31		6564	K2626.9		6382	K2695.5		6293	K2771.6		6061.1
K2581		6550	K2626.91		6382.1	K2696		6294	K2775.9		6050
K2582		6544	K2626.93		6384	K2696.4		6295	K2776		6048
K2582.1		6548	K2626.95		6383	K2696.55		6295.5	K2779		6033
K2582.4		6552	K2628		6386	K2696.71		6295.6	K2781		6036
K2584		6520	K2629		6400	K2696.73		6295.63	K2782		6040
K2585		6532	K2630		6388	K2696.74		6295.65	K2782.4		6034
K2585.1		6536	K2630.6		6393	K2696.82		6299	K2782.6		6034.1
K2586		6528	K2631.35		6394	K2696.84		6298	K2783		6044
K2587		6524	K2631.8		6392	K2696.9		6305	K2784		6028
K2588		6504	K2631.9		6396	K2697		6300	K2788		6024
K2588.5		6505	K2631.95		6397	K2697.2		6304	K2790		6017
K2589		6508	K2631.96		6397.1	K2697.5		6311	K2790.1		6018
K2590		6506	K2632		6316	K2697.9		6308	K2791		6020
K2591		6512	K2636		6180	K2697.92		6309	K2792		6019
K2592.6		6519	K2637		6176	K2698		6310	K2796		6016
K2592.61		6519.1	K2638		6184	K2698.2		6306	K2796.1		6016.5
K2592.65		6518	K2638.1		6188	K2698.35		6312	K2799.2		6008
K2594		6500	K2638.52		6191	K2698.36		6313	K2799.25		6003
K2598		6496	K2638.53		6191.5	K2702		6156	K2799.6		6002
K2598.5		6498	K2638.55		6191.6	K2707.8		6172	K2800		5999
K2599.8		6495.5	K2638.57		6191.1	K2710		6160	K2800.1		5999.1
K2599.81		6495.6	K2641		6190	K2710.2		6164	K2803		5996
K2600		6444	K2641.1		6190.1	K2710.4		6168	K2803.6		5982
K2601		6440	K2641.102		6190.2	K2711		6154	K2804		5988
K2602		6437	K2643		6193	K2712		6152	K2804.1		5992
K2602.1		6437.1	K2644		6192	K2722		6134	K2804.5		5984
K2604		6452	K2650		6200	K2727		6063	K2805		5980
K2608		6460	K2650.1		6204	K2728		6064	K2806		5993
K2609		6448	K2652		6196	K2729		6088	K2807		5993.5
K2610		6464	K2652.5		6204.7	K2729.1		6092	K2812		5976
K2610.1		6464.1	K2653		6206	K2730		6072	K2813		5972
K2611		6476	K2653.5		6205	K2732		6068	K2814		5960
K2611.2		6480	K2654		6205.5	K2732.1		6069	K2814.1		5960.1
K2612		6468	K2656		6208	K2733		6070	K2815		5968
K2612.2		6472	K2656.6		6210	K2740		6076	K2815.4		5964
K2614		6416	K2657		6209	K2740.01		6078	K2815.6		5969
K2617		6424	K2662		6216	K2740.02		6079	K2818		5920
K2618		6428	K2662.2		6217	K2740.1		6080	K2818.4		5924
K2618.1		6432	K2663		6218	K2742		6094	K2819		5916
K2619		6408	K2663.5		6219	K2742.2		6094.1	K2819.9		5932
K2619.3		6409	K2663.6		6215	K2743		6100	K2820		5936
K2619.5		6412	K2663.7		6214	K2743.1		6104	K2820.1		5940
K2622		6404	K2664		6220	K2750		6093	K2822		5945
K2623		6324	K2665		6222	K2757.5		6097	K2824		5948
K2624		6327	K2666		6224	K2758		6108	K2824.1		5952
K2624.4		6325	K2668		6226	K2758.1		6112	K2824.2		5956
K2624.45		6336	K2673.5		6236	K2759		6096	K2829		5900
K2624.5		6356	K2674		6244	K2760		6125	K2830		5904
K2625		6344	K2676		6256	K2760.4		6125.4	K2831		5908
K2625.1		6348	K2676.2		6257	K2760.5		6121	K2834		5888
K2625.5		6349	K2676.4		6264	K2760.51		6121.2	K2835		5892
K2625.51		6349.1	K2678		6248	K2762		6116	K2836		5896
K2626		6352	K2682		6252	K2762.1		6120	K2838		5884

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
K2840	.....	5880	K2866	.....	5724	K2901	.....	5802	K2988.5	.....	10435
K2841	.....	5876	K2866.3	.....	5714	K2901.01	.....	5803	K2988.6	.....	10436
K2844	.....	5872	K2866.8	.....	5715.1	K2901.4	.....	5818	K2989.1	.....	10436.3
K2845	.....	5868	K2866.85	.....	5715.05	K2901.45	.....	5818.1	K2989.2	.....	10437
K2846.2	.....	5869	K2867	.....	5716	K2901.7	.....	5818.6	K2989.4	.....	10436.5
K2846.4	.....	5869.1	K2867.1	.....	5720	K2901.85	.....	5821	K2989.6	.....	10446
K2846.6	.....	5869.2	K2868	.....	5728	K2901.87	.....	5820	K2989.62	.....	10438
K2846.8	.....	5869.3	K2868.1	.....	5732	K2903.015	.....	5825	K2989.63	.....	10439
K2847	.....	5864	K2868.3	.....	5734	K2907.8	.....	5672	K2989.65	.....	10440
K2850	.....	5866.5	K2868.31	.....	5735	K2908.3	.....	5664	K2989.67	.....	10442
K2850.1	.....	5866.6	K2868.6	.....	5740	K2908.31	.....	5668	K2989.68	.....	10442.5
K2850.2	.....	5866	K2868.8	.....	5736	K2912	.....	5660	K2989.69	.....	10441
K2850.21	.....	5866.1	K2869	.....	5742	K2916	.....	10560	K2989.8	.....	10443.5
K2851	.....	5866.3	K2869.1	.....	5741	K2916.5	.....	10562	K2989.85	.....	10444
K2852	.....	5860	K2869.4	.....	5743	K2916.51	.....	10562.1	K2989.9	.....	10445
K2854	.....	5848	K2869.5	.....	5744	K2932	.....	10488	K2989.91	.....	10445.5
K2854.1	.....	5852	K2869.8	.....	5748	K2938.6	.....	10491	K2990	.....	10348
K2856	.....	5676	K2870	.....	5750	K2938.7	.....	10491.1	K2991	.....	10349
K2856.5	.....	5684.4	K2870.1	.....	5752	K2938.8	.....	10491.2	K2991.1	.....	10349.1
K2857	.....	5680	K2870.3	.....	5754	K2939	.....	10492	K2991.12	.....	10349.5
K2857.1	.....	5684	K2870.4	.....	5756	K2956	.....	10476	K2991.14	.....	10350
K2857.4	.....	5684.6	K2870.5	.....	5758	K2956.11	.....	10469	K2991.15	.....	10350.1
K2857.5	.....	5684.8	K2870.6	.....	5766	K2957	.....	10480	K2991.22	.....	10350.5
K2857.7	.....	5685	K2870.7	.....	5766.1	K2958.1	.....	10471	K2991.3	.....	10351
K2857.9	.....	5685.3	K2871	.....	5767	K2958.101	.....	10471.1	K2991.31	.....	10351.2
K2858	.....	5685.6	K2871.1	.....	5767.1	K2958.3	.....	10474	K2991.7	.....	10319
K2858.2	.....	5686	K2871.15	.....	5762	K2958.31	.....	10474.1	K2991.8	.....	10319.5
K2858.4	.....	5686.5	K2871.2	.....	5763	K2958.37	.....	10475	K2992.1	.....	10336
K2858.6	.....	5687	K2871.23	.....	5760	K2958.38	.....	10475.1	K2997	.....	10316
K2858.8	.....	5688	K2871.25	.....	5765	K2962	.....	10464	K2997.3	.....	10317
K2858.81	.....	5692	K2872	.....	5769	K2963	.....	10448	K2997.5	.....	10318
K2858.9	.....	5692.3	K2874.22	.....	5770	K2963.5	.....	10456	K2997.6	.....	10318.1
K2858.93	.....	5692.7	K2877.5	.....	5773	K2964	.....	10452	K2998	.....	10314
K2859	.....	5844	K2877.6	.....	5773.2	K2968	.....	10460	K2998.75	.....	10315
K2859.4	.....	5693.1	K2878	.....	5783.1	K2970.4	.....	10449.2	K3000	.....	10320
K2859.5	.....	5693	K2878.2	.....	5782.6	K2970.7	.....	10449.4	K3001	.....	10321
K2859.6	.....	5693.3	K2878.3	.....	5782.2	K2972	.....	10352	K3002	.....	10324
K2859.7	.....	5693.2	K2878.4	.....	5782.3	K2973	.....	10356	K3002.1	.....	10328
K2859.8	.....	5693.4	K2878.5	.....	5782	K2973.1	.....	10360	K3002.5	.....	10323
K2859.9	.....	5693.45	K2878.7	.....	5783	K2973.2	.....	10364	K3004.1	.....	10323.5
K2860	.....	5693.5	K2880.6	.....	5783.9	K2973.3	.....	10368	K3010	.....	10329
K2860.2	.....	5693.55	K2880.7	.....	5783.7	K2974	.....	10372	K3010.1	.....	10330
K2860.4	.....	5693.6	K2880.8	.....	5783.5	K2974.1	.....	10376	K3011	.....	10331
K2860.81	.....	5693.7	K2880.9	.....	5783.3	K2976	.....	10380	K3011.1	.....	10332
K2860.82	.....	5693.8	K2881	.....	5768	K2976.1	.....	10384	K3012	.....	10333
K2861	.....	5694	K2882	.....	5772	K2976.4	.....	10388	K3012.1	.....	10334
K2861.5	.....	5828	K2885	.....	5774	K2976.41	.....	10392	K3014	.....	10312
K2861.51	.....	5832	K2885.1	.....	5774.1	K2978	.....	10396	K3014.5	.....	10311
K2861.7	.....	5836	K2885.2	.....	5775	K2978.1	.....	10400	K3015	.....	10300
K2861.71	.....	5840	K2886.8	.....	5784	K2979	.....	10393	K3016	.....	10220
K2861.9	.....	5694.2	K2897	.....	5788	K2979.2	.....	10394	K3017	.....	10310
K2862.2	.....	5694.3	K2898	.....	5812	K2979.4	.....	10395	K3017.5	.....	10309
K2862.6	.....	5694.6	K2898.3	.....	5813	K2979.8	.....	10404	K3018	.....	10308
K2862.8	.....	5694.4	K2898.7	.....	5800	K2981	.....	10405	K3020	.....	10304
K2863	.....	5816	K2898.8	.....	5801	K2982	.....	10408	K3022	.....	10292
K2863.2	.....	5817	K2899.4	.....	5804	K2982.1	.....	10412	K3023	.....	10288
K2863.5	.....	5696	K2899.9	.....	5805	K2982.6	.....	10420	K3024	.....	10282
K2863.6	.....	5695.8	K2899.91	.....	5806	K2983	.....	10424	K3024.41	.....	10285
K2863.7	.....	5695.7	K2899.98	.....	5807.8	K2984	.....	10426	K3025	.....	10284
K2864.3	.....	5704	K2900	.....	5808	K2987	.....	10428	K3026	.....	10276
K2864.5	.....	5699	K2900.1	.....	5808.4	K2987.2	.....	10432	K3031	.....	10240
K2864.51	.....	5699.1	K2900.2	.....	5809	K2987.81	.....	10406	K3032	.....	10244
K2864.6	.....	5708	K2900.52	.....	5810	K2987.82	.....	10407	K3032.1	.....	10248
K2865	.....	5712	K2900.62	.....	5810.2	K2988.3	.....	10433	K3033	.....	10252
K2865.5	.....	5713	K2900.88	.....	5792	K2988.31	.....	10434	K3033.1	.....	10256

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
K3034		10257	K3091		10104	K3172.31		9908	K3235.57		.9779
K3034.1		10257.1	K3092.1		10096	K3173		9910	K3235.575		.9774
K3035		10268	K3096		10052	K3173.2		9912	K3236		.9776
K3036		10260	K3096.4		10053	K3180		9916	K3238		.9772
K3040		10222.2	K3096.5		10061	K3180.1		9920	K3239		.9769
K3043		10222	K3097		10056	K3182		9924	K3239.1		.9770
K3048		10224	K3097.01		10060	K3183		9928	K3240		.9768
K3049		10228	K3097.4		10063	K3184		9932	K3240.4		.9764
K3052		10229	K3100		10062	K3184.3		9903.7	K3241		.9760
K3053		10230	K3100.1		10062.1	K3184.35		9903.75	K3242		.9756
K3054		10231	K3101.8		10063.6	K3184.5		9903.6	K3242.5		.9752
K3054.1		10231.1	K3101.81		10063.61	K3184.51		9903.61	K3243		.9748
K3056		10229.5	K3103		10064	K3185		9903.5	K3244		.9744
K3060		10216	K3104		10068	K3186		9900	K3248		.9740
K3061		10213	K3106		10063.4	K3188		9901	K3250		.9736
K3061.2		10215	K3106.01		10063.41	K3188.1		9902	K3252		.9732
K3061.3		10214	K3106.1		10063.8	K3189		9898	K3254		.9728
K3061.7		10212.5	K3106.11		10063.81	K3194		9896	K3256		.9724
K3062		10212	K3106.2		10063.2	K3195.8		9894	K3257		.9721
K3062.2		10209	K3106.21		10063.21	K3195.9		9893	K3257.1		.9722
K3062.6		10210	K3109.2		10092	K3195.95		9893.3	K3258		.9680
K3062.8		10208.5	K3109.22		10070	K3196		9892	K3258.1		.9684
K3063		10208	K3109.25		10070.1	K3200		9888	K3260		.9676
K3064		10204	K3110		10048	K3206		9884	K3262		.9660
K3064.2		10202	K3111		10044	K3206.5		9886	K3263		.9662
K3064.5		10184	K3112		10040	K3206.6		9886.5	K3264		.9672
K3064.7		10165	K3112.2		10050	K3206.7		9887	K3265		.9664
K3065.8		10188	K3112.4		10082	K3207		9880	K3265.1		.9668
K3066		10192	K3112.41		10082.1	K3207.5		9881	K3265.2		.9658
K3066.03		10192.2	K3115		10034	K3208		9868	K3266		.9652
K3066.05		10192.4	K3115.1		10034.1	K3210		9872	K3266.5		.9654
K3066.07		10192.6	K3117		10030	K3210.1		9876	K3267		.9656
K3066.24		10196	K3118		10029	K3214		9864	K3268		.9636
K3066.35		10182	K3119		10026	K3214.2		9862.4	K3268.1		.9640
K3066.36		10182.1	K3120		10028	K3214.25		9862.2	K3268.3		.9644
K3066.4		10176	K3120.5		10004	K3214.3		9862	K3268.5		.9648
K3066.41		10180	K3120.7		10008	K3215		9852	K3270		.9624
K3066.5		10172	K3121.5		9999	K3215.5		9850	K3270.1		.9628
K3066.57		10170	K3124		10012	K3216		9848	K3271		.9632
K3066.6		10200	K3124.1		10016	K3217		9844	K3274		.9620
K3066.8		10160	K3126		10020	K3219		9840	K3278		.9688
K3066.81		10161	K3128		10024	K3219.5		9830	K3278.5		.9690
K3067.4		10164	K3128.5		10025.4	K3220		9836	K3278.7		.9689
K3068		10166	K3129		10025	K3221.1		9832.1	K3279		.9692
K3069		10128	K3132		10000	K3221.4		9828	K3280		.9696
K3069.2		10128.5	K3133		9998	K3222		9824	K3282		.9698
K3070		10133	K3137.2		9993	K3223		9822	K3284		.9700
K3070.5		10134	K3138		9988	K3223.2		9801	K3285		.9704
K3074		10150	K3140		9972	K3224		9820	K3286		.9702
K3076		10144	K3140.5		9974	K3225		9816	K3287		.9706
K3076.1		10148	K3141		9984	K3226		9812	K3288		.9708
K3078		10136	K3142		9976	K3226.6		9808	K3290		.9714
K3078.1		10140	K3142.1		9980	K3227		9804	K3292		.9712
K3082		10130	K3144		9985	K3227.5		9802	K3297		.9596
K3082.9		10125.4	K3145		9986	K3228		9800	K3297.6		.9600
K3083		10125.2	K3146		9987	K3229		9796	K3297.7		.9604
K3083.1		10125	K3150		9968	K3230		9792	K3297.72		.9608
K3083.39		10126.2	K3157		9967	K3232		9788	K3298		.9612
K3083.4		10126	K3162		9964	K3233.15		9773	K3298.1		.9616
K3083.41		10126.4	K3163		9965	K3233.32		9773.1	K3304		.9584
K3085		10120	K3166		9948	K3233.325		9794	K3304.1		.9588
K3086		10124.2	K3167		9950	K3233.4		9786	K3304.8		.9582
K3088		10124	K3168		9956	K3233.53		9779.1	K3304.9		.9580.8
K3089		10112	K3170.2		9952	K3234		9780	K3305		.9568
K3090		10108	K3172.3		9906	K3235.05		9781	K3306		.9572

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
K3307		9576	K3505		10836	K3571.6		7100	K3608		.6664
K3307.4		9578	K3506		10892	K3572.4		7112	K3608.5		.6667
K3307.5		9578.1	K3506.5		10890	K3572.6		7116	K3609		.6666
K3308		9580	K3507		10916	K3573		7120	K3609.4		.6668
K3309		9565	K3507.1		10918	K3574		7132	K3609.6		.6676
K3310		9566	K3507.2		10918.2	K3574.1		7136	K3609.8		.6672
K3310.2		9567	K3507.3		10918.4	K3574.4		7124	K3609.9		.6673
K3310.5		9564	K3507.35		10917	K3574.6		7128	K3610.1		.6682
K3311		9560	K3507.5		10919	K3575.4		7129	K3610.2		.6680
K3312		9556	K3507.6		10924	K3576		7125	K3610.8		.6678
K3312.5		9553	K3508		10920	K3576.1		7125.1	K3611		.6684
K3312.6		9555	K3509		10925	K3576.4		7130	K3612		.6688
K3312.8		9552.5	K3509.5		10926	K3577		7140	K3612.2		.6689
K3313		9552	K3510		10912	K3577.1		7144	K3612.21		.6689.1
K3313.4		9552.2	K3510.5		10905	K3577.4		7146	K3612.5		.6690
K3314		9548	K3510.6		10904.3	K3577.8		7148	K3614		.6716
K3315		9544	K3510.7		10904.2	K3580.2		7154	K3615		.6718
K3316		9540	K3510.8		10904.1	K3580.4		7156	K3620		.6724
K3317		9536	K3511		10904	K3581		7156.1	K3620.5		.6722
K3317.5		9538	K3512		10900	K3581.4		7156.2	K3621		.6720
K3318		9520	K3514		10896	K3581.7		7156.3	K3621.2		.6719
K3322		9524	K3518		6960	K3581.8		7156.5	K3621.5		.6723
K3324		9528	K3520		6964	K3581.81		7156.51	K3622		.6728
K3325		9529	K3524		6968	K3582		7156.6	K3623		.6730
K3326		9532	K3526		6972	K3582.4		7156.7	K3624		.6732
K3328		9533	K3526.1		6972.1	K3582.8		7157	K3627		.6736
K3328.1		9533.1	K3528		6976	K3583		7157.1	K3627.6		.6740
K3328.3		9534	K3531		6980	K3584.3		7157.2	K3627.7		.6741
K3328.4		9535	K3532		6984	K3584.4		7157.3	K3627.72		.6741.1
K3328.5		9535.55	K3533		6987	K3584.6		7157.4	K3627.8		.6742
K3328.6		9535.5	K3534		6988	K3585.3		7157.7	K3627.81		.6742.1
K3328.61		9535.51	K3534.1		6992	K3586.22		7158.2	K3628		.6744
K3329		9535.6	K3535		7020	K3586.5		7158.3	K3629.3		.6744.4
K3329.2		9535.65	K3536.4		7011	K3586.51		7158.5	K3629.35		.6744.9
K3329.7		9535.7	K3536.6		7011.2	K3586.6		7158.6	K3629.4		.6744.8
K3329.8		9535.71	K3544		7012	K3586.79		7158.7	K3629.41		.6744.5
K3330		9535.9	K3544.1		7016	K3586.8		7158.9	K3629.42		.6744.7
K3476		10928	K3545.5		7010.5	K3586.81		7159	K3630.3		.6745
K3478		10888	K3545.51		7010.51	K3587		7159.1	K3630.36		.6746
K3480		10884	K3548		7024	K3587.2		7159.2	K3630.4		.6748
K3484		10880	K3548.1		7028	K3587.21		7159.3	K3632.3		.6752
K3486		10872	K3550		7032	K3587.4		7159.5	K3632.31		.6756
K3488		10876	K3553		7056	K3587.6		7159.6	K3632.4		.6760
K3489.5		10874	K3553.1		7060	K3588.1		7160	K3632.41		.6764
K3489.55		10874.1	K3556		7036	K3588.11		7160.1	K3632.5		.6768
K3490.1		10869	K3556.2		7044	K3598.88		7162	K3632.6		.6772
K3490.12		10869.2	K3556.3		7052	K3599		7164	K3634		.6780
K3490.14		10869.5	K3557		7040	K3600		6644	K3635		.6784
K3490.16		10869.7	K3557.2		7048	K3600.4		6640	K3636.1		.6790
K3490.18		10870	K3558		7064	K3600.5		6630	K3636.2		.6788
K3490.2		10870.2	K3558.1		7068	K3600.6		6632	K3636.3		.6792
K3490.22		10870.5	K3558.4		7063	K3600.8		6636	K3636.35		.6793
K3490.24		10870.7	K3558.41		7063.1	K3601		6644.5	K3636.36		.6794
K3490.26		10871	K3563		7072	K3601.2		6645	K3636.42		.6798
K3490.28		10871.2	K3566		7088	K3601.22		6645.2	K3636.6		.6796
K3490.32		10871.7	K3566.1		7092	K3601.24		6645.4	K3636.8		.6810
K3491.2		10868	K3569.9		7108	K3601.25		6645.5	K3637		.6804
K3492		10864	K3570		7104	K3601.3		6646	K3638		.6808
K3494		10852	K3570.1		7110	K3601.4		6647	K3640		.6812
K3495		10894	K3571		7076	K3601.5		6649	K3641		.6816
K3495.5		10894.5	K3571.1		7084	K3601.6		6648	K3642		.6820
K3498		10844	K3571.14		7080	K3602		6652	K3643		.6824
K3498.1		10848	K3571.2		7113	K3606		6656	K3643.2		.6825
K3500		10838	K3571.21		7113.1	K3607		6660	K3643.4		.6825.5
K3504		10832	K3571.4		7096	K3607.5		6661	K3643.6		.6826

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
K3644	.....	6856	K3712.1	.....	3925	K3745	.....	4052	K3886	.....	4284
K3645	.....	6828	K3712.11	.....	3925.1	K3746	.....	4056	K3888	.....	4280
K3647	.....	6836	K3712.12	.....	3926	K3746.1	.....	4060	K3890	.....	4292
K3648	.....	6840	K3713	.....	3932	K3748	.....	4064	K3892	.....	4288
K3648.4	.....	6844	K3714	.....	3976	K3756	.....	4072	K3893	.....	4296
K3649	.....	6848	K3715	.....	3980	K3758	.....	4076	K3896	.....	4300
K3650	.....	6852	K3716	.....	3933	K3758.2	.....	4080	K3897	.....	4304
K3652	.....	6864	K3716.65	.....	3937	K3758.4	.....	4084	K3897.1	.....	4308
K3654	.....	6868	K3716.699	.....	3933.5	K3758.6	.....	4088	K3897.2	.....	4309
K3654.5	.....	6872	K3716.7	.....	3934	K3759	.....	4090	K3897.3	.....	4310
K3655	.....	6876	K3717	.....	3948	K3766	.....	4092	K3898	.....	4312
K3655.3	.....	6878	K3717.4	.....	3951	K3767	.....	4096	K3899	.....	4316
K3656	.....	6880	K3717.41	.....	3951.1	K3768	.....	4097	K3899.05	.....	4318
K3658	.....	6884	K3717.43	.....	3939	K3768.2	.....	4098	K3899.1	.....	4320
K3659	.....	6888	K3717.45	.....	3940	K3770	.....	4146	K3899.2	.....	4336
K3660	.....	6892	K3717.47	.....	3941	K3770.01	.....	4147	K3899.4	.....	4328
K3664	.....	6896	K3718.751	.....	3950	K3770.03	.....	4148	K3899.41	.....	4332
K3665	.....	6904	K3718.755	.....	3950.1	K3771	.....	4105	K3899.7	.....	4340
K3668	.....	6900	K3718.757	.....	3950.2	K3772	.....	4106	K3899.8	.....	4344
K3673	.....	6908	K3718.759	.....	3949	K3773	.....	4107	K3900	.....	4348
K3673.1	.....	6912	K3718.8	.....	3936	K3774	.....	4108	K3900.4	.....	4352
K3676	.....	6916	K3719	.....	3964	K3780	.....	4128	K3903	.....	4364
K3677	.....	6920	K3719.2	.....	3952	K3797.2	.....	4150	K3904	.....	4366
K3686	.....	3792	K3720	.....	3972	K3797.4	.....	4151	K3904.1	.....	4368
K3688	.....	3796	K3720.8	.....	3973	K3798	.....	4168	K3904.3	.....	4377
K3690	.....	3800	K3734	.....	3984	K3798.1	.....	4169	K3904.5	.....	4381
K3690.4	.....	3804	K3735	.....	3988	K3800	.....	4176	K3905.1	.....	4382
K3690.6	.....	3808	K3736	.....	4000	K3818	.....	4177	K3906	.....	4396
K3694	.....	3812	K3736.2	.....	4276	K3819	.....	4178	K3907	.....	4383
K3696.5	.....	3817	K3736.6	.....	3992	K3820	.....	4179	K3911	.....	4399
K3697.5	.....	3813	K3737	.....	3996	K3822	.....	4180	K3911.1	.....	4400
K3698	.....	3826	K3737.4	.....	4004	K3829	.....	4181	K3912	.....	4401
K3698.1	.....	3828	K3738	.....	4020	K3832	.....	4182	K3916	.....	4402
K3699	.....	3824	K3738.2	.....	4008	K3834.3	.....	4039	K3917	.....	4403
K3700	.....	3832	K3738.3	.....	4006	K3845	.....	4192	K3919	.....	4392
K3700.5	.....	3836	K3738.4	.....	4010	K3845.1	.....	4193	K3920.21	.....	4397.5
K3700.55	.....	3829	K3738.5	.....	4011	K3845.2	.....	4193.1	K3920.35	.....	4398
K3701	.....	3840	K3738.6	.....	4016	K3845.25	.....	4194	K3920.6	.....	4394
K3702	.....	3856	K3738.64	.....	4014	K3845.4	.....	4196	K3922	.....	4408
K3703	.....	3852	K3738.68	.....	4011.5	K3846	.....	4204	K3924	.....	4409
K3704	.....	3858	K3738.7	.....	4012	K3846.5	.....	4220	K3929	.....	4428
K3705.1	.....	3862	K3738.71	.....	4013	K3847	.....	4184	K3930	.....	4432
K3705.2	.....	3864	K3739	.....	4024	K3847.5	.....	4188	K3932	.....	4436
K3705.4	.....	3868	K3739.5	.....	4025	K3848	.....	4212	K3950	.....	4456
K3705.5	.....	3872	K3740	.....	4028	K3848.5	.....	4216	K3954	.....	4460
K3705.6	.....	3876	K3741	.....	4032	K3850.55	.....	4208	K3958	.....	4464
K3705.7	.....	3880	K3741.5	.....	4032.5	K3850.6	.....	4228	K3958.1	.....	4468
K3706	.....	3884	K3741.51	.....	4032.6	K3851	.....	4232	K3962	.....	4472
K3707	.....	3886	K3741.52	.....	4032.61	K3852	.....	4224	K3962.15	.....	4473
K3707.8	.....	3906.5	K3741.6	.....	4033	K3853	.....	4235	K3966	.....	4476
K3708	.....	3904	K3741.65	.....	4034	K3854	.....	4235.5	K3966.1	.....	4480
K3708.2	.....	3904.1	K3741.71	.....	4034.1	K3855	.....	4235.7	K3969	.....	4484
K3708.3	.....	3905	K3741.72	.....	4034.2	K3856	.....	4236	K3970	.....	4488
K3708.5	.....	3906	K3741.81	.....	4032.7	K3860	.....	4244	K3982.5	.....	4520
K3708.9	.....	3906.1	K3741.82	.....	4032.71	K3862	.....	4248	K3982.7	.....	4541
K3708.93	.....	3906.2	K3741.91	.....	4035	K3864	.....	4252	K3982.71	.....	4542
K3708.95	.....	3906.3	K3741.92	.....	4035.3	K3868	.....	4240	K3982.8	.....	4506
K3709	.....	3912	K3741.93	.....	4035.5	K3874	.....	4256	K3983	.....	4536
K3709.5	.....	3914	K3741.94	.....	4035.7	K3878	.....	4260	K3983.1	.....	4540
K3710	.....	3908	K3742	.....	4036	K3879	.....	4268	K3983.15	.....	4555
K3710.05	.....	3907	K3742.2	.....	4038	K3879.5	.....	4262	K3983.2	.....	4552
K3710.1	.....	3916	K3743	.....	4044	K3879.8	.....	4263	K3983.25	.....	4554.1
K3710.2	.....	3917	K3743.2	.....	4046	K3880	.....	4264	K3983.3	.....	4554
K3711	.....	3920	K3744	.....	4048	K3880.5	.....	4266	K3984	.....	4516
K3712	.....	3924	K3744.1	.....	4051	K3882	.....	4272	K3984.1	.....	4517

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
K3984.4		4524	K4092		4808	K4230.15		5001	K4279		5212
K3986		4496	K4092.8		4812	K4230.2		5002	K4282		5216
K3990		4556	K4093		4820	K4233		5022	K4282.1		5220
K3990.1		4560	K4093.1		4824	K4234		5024	K4288		5250
K3992		4564	K4093.3		4806	K4236		5044	K4289		5278
K3993		4568	K4094		4825	K4237		5038	K4290		5256
K3994		4572	K4094.1		4825.1	K4237.4		5036	K4290.1		5260
K3998		4576	K4094.5		4826	K4238		5028	K4291		5248
K4000		4580	K4094.51		4826.1	K4240		5032	K4293		5252
K4004		4584	K4095		4827	K4241		5040	K4296		5264
K4006		4588	K4095.1		4827.1	K4242		5048	K4296.1		5268
K4010		4592	K4095.2		4827.5	K4242.05		5049	K4299		5276
K4010.1		4596	K4095.5		4832	K4242.1		5052	K4300		5272
K4011		4604	K4095.8		4833	K4242.15		5056	K4301		5269
K4012		4606	K4096		4836	K4242.17		5066	K4301.1		5269.1
K4013		4600	K4104		4844	K4242.3		5064	K4304		5240
K4014		4620	K4104.1		4848	K4242.4		5060, 5068	K4304.1		5244
K4018		4708	K4104.2		4852	K4242.6		5076	K4310		5280
K4019.6		4684	K4107		4856	K4242.9		5082	K4314		5284
K4020		4704	K4108		4868	K4243		5084	K4315		5285
K4021		4692	K4109		4870	K4243.7		5085	K4315.1		5286
K4021.4		4686, 4696	K4114		4880	K4243.8		5085.2	K4316		5288
K4022		4682	K4115		4872	K4243.81		5085.4	K4322		5296
K4024		4688	K4116.1		3981.1	K4244		5088	K4324		5292
K4032		4668	K4119		4876	K4244.5		5089	K4328		5323
K4032.1		4669	K4122		4884	K4246		5176	K4328.1		5324
K4043		4639	K4130		4904	K4248		5092	K4328.2		5328
K4045		4635	K4132		4888	K4249		5094	K4329		5332
K4047		4637	K4133		4890	K4249.5		5095	K4329.4		5308
K4052.2		4654	K4134		4892	K4250		5096	K4330		5316
K4053		4653	K4135		4894	K4252		5100	K4330.1		5320
K4054		4608	K4136		4896	K4253		5104	K4331		5304
K4055		4612	K4140		4900	K4253.5		5106	K4332		5312
K4056		4616	K4152		4908	K4254		5108	K4335		5336
K4057		4619.1	K4153		4912	K4254.5		5110	K4335.2		5340
K4057.2		4617	K4180		4916	K4255		5112	K4340		5344
K4057.4		4617.1	K4182		4920	K4256		5116	K4348		5358
K4057.5		4618	K4186		4924	K4256.2		5118	K4350		5356
K4057.6		4619	K4196		4932	K4256.7		5119	K4358		5372
K4058		4624	K4197		4936	K4257		5120	K4358.1		5376
K4061		4714	K4198		4937	K4257.5		5121	K4359		5380
K4061.1		4715	K4198.1		4937.1	K4260		5122	K4360		5368
K4062.1		4717	K4199		4940	K4260.2		5122.5	K4362		5384
K4063		4724	K4199.1		4940.1	K4260.3		5122.3	K4363		5388
K4063.4		4720	K4204		4944	K4260.4		5122.2	K4364		5396
K4066.2		4728	K4206		4948	K4261		5123	K4365		5400
K4067		4732	K4210		4952	K4262		5164	K4366		5392
K4068		4733	K4210.1		4956	K4264		5168	K4367.1		5400.3
K4074		4746	K4212		4960	K4264.1		5172	K4367.12		5400.4
K4075		4750	K4214		4968	K4264.5		5162	K4369.83		5400.6
K4078		4752	K4220		4976	K4265		5166	K4369.86		5400.8
K4078.1		4756	K4220.1		4980	K4266		5160	K4370.25		5401
K4082		4747	K4222		5020	K4267		5152	K4371.5		5402.1
K4084		4780	K4224		4996	K4267.1		5148	K4372		5402
K4084.5		4782	K4225		4998	K4267.4		5144	K4372.1		5402.01
K4084.6		4795.1	K4225.1		4998.1	K4268		5132	K4372.4		5401.8
K4084.75		4795	K4225.6		4996.5	K4268.2		5136	K4372.5		5401.81
K4085		4800	K4225.8		4996.8	K4268.21		5140	K4373		5402.2
K4086		4796	K4226		4997	K4268.3		5128	K4373.2		5402.4
K4087		4792	K4227		5004	K4268.4		5124	K4374.73		5402.6
K4087.5		4793	K4227.1		5008	K4269		5180	K4374.9		5402.8
K4088		4788	K4227.4		4999	K4272		5184	K4374.91		5403
K4089		4786	K4228		5012	K4274		5188	K4374.96		5403.2
K4090		4804	K4228.1		5016	K4275		5192	K4375.2		5403.4
K4091		4828	K4230		5000	K4277		5198	K4375.5		5403.6

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
K4376		5404	K4543		3768	K4647.45		3226.5	K4733		3296
K4380		5408	K4545		3764	K4647.6		3228	K4733.4		3308
K4381		5412	K4547		3752	K4647.7		3228.2	K4734		3320
K4382		5416	K4547.4		3756	K4648		3229	K4734.1		3324
K4384		5420	K4547.41		3760	K4649.2		3230	K4735		3328
K4387		5424	K4547.7		3776	K4649.25		3230.5	K4736		3300
K4388		5512	K4547.71		3780	K4649.3		3232	K4736.1		3304
K4389		5513	K4549		3782	K4650		3235.9	K4740		3292
K4394		5428	K4551.5		3038	K4651		3234	K4744		3276
K4397		5432	K4552		3052	K4651.1		3234.5	K4746		3280
K4398		5436	K4552.1		3056	K4651.5		3235	K4746.5		3284
K4400		5444	K4559		3060	K4651.51		3235.5	K4747		3272
K4400.1		5448	K4559.1		3064	K4651.7		3235.7	K4748		3268
K4402		5452	K4570		3076	K4654.7		3245	K4750		3288
K4402.1		5456	K4571		3077	K4655		3233	K4751		3252
K4404		5468	K4571.1		3077.1	K4656		3156	K4752		3260
K4404.1		5472	K4574		3104	K4656.1		3160	K4756		3264
K4405		5460	K4576		3088	K4660		3164	K4758		3488
K4405.1		5464	K4580		3092	K4661		3464	K4759		3492
K4406		5476	K4580.1		3096	K4662		3480	K4760		3152
K4407		5480	K4588		3084	K4663		3484	K4760.1		3152.1
K4408		5484	K4594		3108	K4666		3476	K4760.3		3152.2
K4410		5490	K4598		3112	K4668		3368	K4760.35		3152.3
K4411		5496	K4598.1		3116	K4670		3372	K4760.5		3152.4
K4413		5488	K4600		3118	K4672		3396	K4760.7		3153
K4415		5492	K4602		3119	K4672.1		3400	K4760.75		3153.3
K4424		5504	K4603		3120	K4673		3416	K4760.8		3153.6
K4424.1		5508	K4608		3128	K4676		3412	K4760.9		3154
K4432		5516	K4612		3132	K4677		3408	K4761		3154.5
K4433		5520	K4612.1		3136	K4678		3404	K4761.2		3155
K4433.1		5524	K4613		3138	K4682		3392	K4761.3		3155.2
K4434		5528	K4613.1		3139	K4684		3388	K4761.35		3155.4
K4434.1		5532	K4613.5		3139.5	K4686		3376	K4761.5		3155.6
K4438		5536	K4613.6		3139.56	K4686.1		3380	K4761.55		3155.8
K4440		5540	K4614		3140	K4687		3384	K4762		3256
K4442		5545	K4620		3144	K4694		3472	K4783		3717
K4444		5548	K4620.1		3148	K4695		3468	K4783.3		3718
K4446		5552	K4620.5		3150	K4701		3420	K4784		3719
K4452		5556	K4622		3170	K4702		3424	K4784.1		3719.1
K4464		5560	K4623		3172	K4704		3432	K4784.3		3716
K4464.5		5560.5	K4623.1		3176	K4704.1		3436	K4784.33		3715
K4465		5561	K4624		3180	K4706		3428	K4784.6		3714
K4466		5564	K4628		3182	K4706.5		3436.4	K4784.63		3713
K4468		5568	K4630		3184	K4707.21		3436.8	K4784.7		3712
K4470		5572	K4630.5		3184.5	K4707.22		3436.9	K4784.71		3712.1
K4472		5580	K4631		3184.7	K4708		3437	K4784.78		3710.4
K4473		5576	K4631.5		3185	K4709		3438	K4784.8		3711
K4475		5588	K4632		3192	K4710		3440	K4784.81		3711.1
K4475.1		5592	K4635		3194	K4710.5		3441	K4784.9		3710.6
K4476		5596	K4636		3194.2	K4711		3448	K4785.6		3709
K4478		5584	K4636.5		3194.6	K4711.2		3452	K4785.62		3709.5
K4486		5600	K4637		3197	K4712		3444	K4785.66		3710.2
K4490		5608	K4637.5		3198	K4712.4		3456	K4785.72		3710
K4491		5604	K4638.5		3198.5	K4714		3460	K4785.85		3708.2
K4492		5620	K4639		3200	K4714.6		3356	K4785.852		3708.3
K4494		5612	K4639.5		3204	K4716		3360	K4786		3708
K4494.1		5616	K4640		3208	K4717		3364	K4787.4		3700
K4496		5632	K4644.5		3215	K4719		3332	K4788.5		3726
K4496.1		5636	K4644.51		3216	K4722		3336	K4788.6		3729
K4497		5628	K4646		3212	K4722.1		3340	K4788.65		3729.2
K4498		5624	K4646.8		3214	K4723		3352	K4788.75		3728
K4499		5638	K4646.81		3214.5	K4726		3344	K4788.76		3728.2
K4506		5640	K4647		3220	K4727		3348	K4789		3728.4
K4528		3740	K4647.4		3224	K4730		3312	K4790		3600
K4541		3772	K4647.44		3226	K4732		3316	K4794		3612

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
K4794.1		3616	K4855.5		3568	K4934		10636	K4968.17		3006
K4794.2		3620	K4858		3560	K4934.1		10640	K4968.2		3008
K4794.21		3621	K4862		3540	K4934.2		10644	K4968.25		3021.2
K4795		3604	K4866		3528	K4935		10632	K4968.3		3020
K4797		3608	K4866.1		3532	K4938		10650	K4968.31		3021
K4799		3624	K4867		3536	K4940		10628	K4968.4		3025
K4799.2		3626	K4868		3524	K4942		10624	K4968.5		3021.5
K4799.24		3626.2	K4873		3516	K4943		10620	K4968.6		3024
K4799.28		3626.4	K4874		3520	K4944		10616	K4968.65		2941
K4799.5		3632	K4877		3512	K4945		10612	K4968.91		3024.2
K4799.6		3628	K4880		3496	K4946		10608	K4968.92		3024.4
K4799.68		3634	K4880.4		3500	K4947		10584	K4968.96		2942
K4799.76		3599	K4880.6		3504	K4947.2		10588	K4969		2944
K4799.77		3599.1	K4880.7		3508	K4947.21		10592	K4969.1		2948
K4799.8		3649	K4883		10828	K4947.3		10596	K4969.3		2948.2
K4799.9		3650	K4883.5		10830	K4947.31		10600	K4969.35		2948.4
K4799.95		3635	K4884		10824	K4947.4		10604	K4969.4		2948.6
K4800		3636	K4884.4		10796	K4947.6		10576	K4969.45		2948.8
K4800.1		3637	K4884.6		10812	K4948		10580	K4969.48		2949
K4800.3		3645	K4885		10800	K4948.2		10568	K4969.5		2949.2
K4800.5		3652	K4885.2		10820	K4948.21		10572	K4969.51		2949.4
K4802		3640	K4885.4		10816	K4952		2860	K4969.6		2949.6
K4802.1		3644	K4885.5		10804	K4952.25		2862	K4969.65		2949.8
K4802.5		3654	K4885.6		10808	K4952.7		2863	K4969.7		2951
K4803		3644.5	K4885.7		10783	K4952.71		2863.5	K4969.71		2951.1
K4804		3648	K4885.8		10784	K4952.8		2863.8	K4969.75		2950
K4804.3		3648.1	K4886		10788	K4953		2864	K4970		2952
K4805		3648.2	K4887		10780	K4953.4		2868	K4970.1		2956
K4807		3653	K4888		10776	K4953.8		2872	K4970.3		2957
K4809.1		3660.1,	K4889		10792	K4954		2876	K4970.4		2959
3660.3			K4892		10772	K4954.2		2880	K4970.5		2958
K4809.13		3660.2	K4892.4		10768	K4956		2884	K4970.7		2959.5
K4810.8		3666	K4893		10748	K4956.1		2888	K4971		2960
K4811		3664	K4893.1		10752	K4958		2900	K4971.1		2964
K4811.5		3661	K4893.4		10756	K4958.3		2904	K4971.3		2968.5
K4811.51		3662	K4893.41		10760	K4958.6		2922	K4971.32		2969
K4812		3656	K4893.42		10762	K4959		2920	K4971.33		2969.5
K4812.1		3660	K4894.6		10744	K4962		2892	K4971.34		2970
K4816		3676	K4894.7		10743	K4962.1		2896	K4971.36		2970.5
K4816.1		3680	K4894.8		10742	K4963		2889	K4971.4		2971
K4816.2		3681	K4894.81		10742.1	K4963.1		2890	K4971.5		2972
K4816.24		3681.2	K4895		10764	K4964		2908	K4971.51		2976
K4816.26		3681.4	K4896		10732	K4964.2		2912	K4971.65		2977.5
K4817		3682	K4896.4		10736	K4964.25		2926.3	K4971.85		2977
K4820		3660.5	K4896.41		10740	K4964.3		2916	K4972		2968
K4820.5		3660.8	K4898		10728	K4964.5		2923	K4973.01		2980
K4821		3660.9	K4898.7		10688	K4964.51		2924	K4973.02		2980.01
K4825		3683	K4899		10692	K4964.65		2925	K4973.2		2980.1
K4825.1		3684	K4899.4		10696	K4965.1		2925.5	K4973.4		2980.2
K4825.5		3685	K4900		10720	K4965.2		2926	K4973.6		2980.3
K4827		3686	K4901		10700	K4965.25		2926.5	K4973.8		2980.4
K4827.5		3688	K4902		10704	K4965.6		2928	K4974		2980.5
K4830		3598	K4902.1		10708	K4965.61		2932	K4974.2		2980.6
K4834		3584	K4903		10712	K4966		2936	K4974.5		2982.5
K4835		3585	K4904		10716	K4966.1		2940	K4974.6		2980.7
K4835.1		3585.5	K4906		10680	K4966.8		2933	K4974.7		2980.8
K4835.2		3586	K4907		10668	K4966.81		2933.1	K4975		2980.9
K4836		3587	K4908		10660	K4966.9		2935	K4975.2		2981
K4838		3589	K4908.1		10664	K4967		2940.5	K4975.4		2981.05
K4847		3576	K4909		10665	K4968		3009	K4975.6		2981.1
K4849		3580	K4912		10672	K4968.1		3009.5	K4975.8		2981.2
K4852		3572	K4912.1		10676	K4968.12		3016	K4976		2981.3
K4854		3552	K4920		10724	K4968.13		3015	K4976.2		2981.31
K4854.1		3556	K4924		10684	K4968.14		3015.5	K4976.4		2981.33
K4855		3564	K4932		10652	K4968.15		3018	K4976.6		2981.35

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
K4976.8		2981.37	K4993.1		2824	K5004.645		2817.95	M8430		10943.5
K4977		2981.39	K4994		2828	K5004.65		2817.94	M8447		10944
K4977.2		2981.4	K4998.52		2841	K5004.81		2817.6	M8448		10944.2
K4977.4		2981.5	K4998.53		2841.1	K5004.86		2812.5	M8448.2		10944.25
K4977.5		2981.51	K4998.54		2841.11	K5006.4		2799.7	M8448.4		10944.3
K4977.7		2981.52	K4998.55		2841.12	K5006.41		2799.71	M8448.5		10944.4
K4977.8		2981.54	K4998.56		2841.13	K5006.6		2799.85	M8448.7		10944.6
K4978		2981.55	K4998.57		2841.14	K5006.65		2799.87	M8449		10944.7
K4978.2		2981.57	K4998.58		2841.15	K5006.7		2799.9	M8453		10948
K4978.4		2981.59	K4998.59		2841.16	K5006.71		2799.91	M8453.1		10948.1
K4978.6		2981.6	K4998.6		2841.17	K5007.2		2800	M8453.2		10946
K4978.8		2981.63	K4998.61		2841.18	K5008.2		2812	M8453.7		10947
K4979		2981.66	K4998.62		2841.19	K5020		2842	M8457		10952.2
K4979.2		2981.7	K4998.63		2841.2	K5020.1		2842.5	M8457.1		10952.4
K4979.4		2981.75	K4998.64		2841.21	K5025		2843	M8459		10952.6
K4979.6		2981.8	K5000.2		2817.96	K5025.1		2843.5	M8459.1		10952.7
K4979.8		2981.85	K5000.21		2817.97	K5052		2856	M8466		11060
K4980		2981.88	K5000.3		2817.98	K5053		2852	M8466.2		11060.2
K4980.2		2981.9	K5000.31		2817.99	K5057		2850	M8466.25		11060.25
K4982		2982	K5000.4		2816.8	K5058		2844	M8466.3		11060.3
K4982.6		2984	K5000.6		2817	K5060		2848	M8466.35		11060.35
K4982.61		2984.1	K5001		2817.1	M8364		10955	M8466.4		11060.4
K4982.9		2986	K5001.2		2817.2	M8366		10956	M8466.45		11060.45
K4983		2992	K5001.36		2817.4	M8366.1		10960	M8466.55		11060.55
K4983.2		2988	K5001.38		2817.41	M8367		10955.5	M8466.75		11060.75
K4983.4		2996	K5001.4		2817.5	M8370		10962	M8467		10988
K4983.5		3000	K5001.6		2817.55	M8371		10961	M8467.5		11014
K4983.7		3001	K5001.7		2817.7	M8382		10981	M8468		11040
K4983.72		3001.3	K5001.72		2817.75	M8384		10982	M8471		11050
K4983.74		3001.2	K5001.74		2817.8	M8386		10983	M8482		11096
K4983.76		3001.4	K5001.76		2817.85	M8386.1		10983.1	M8508		11076
K4983.78		3001.1	K5002		2814	M8386.2		10984	M8512		11080
K4983.8		3002.1	K5002.1		2814.5	M8387.4		10985	M8515		11084
K4984		3002.2	K5003		2815	M8387.41		10985.1	M8516		11092
K4984.2		3002	K5003.1		2813	M8388		10986	M8528		11108
K4984.4		3003	K5003.2		2813.5	M8388.1		10986.1	M8536		11100
K4988		2818	K5003.3		2813.7	M8404		10932			
K4990		2832	K5003.4		2813.9	M8408		10936			
K4990.1		2836	K5003.7		2817.9	M8410		10934			
K4992		2840	K5003.71		2817.91	M8425		10942			
K4993		2820	K5004		2816	M8425.4		10943			