PUB. 111

LIST OF LIGHTS

RADIO AIDS AND FOG SIGNALS

2004

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

Prepared and published by the
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
Bethesda, MD

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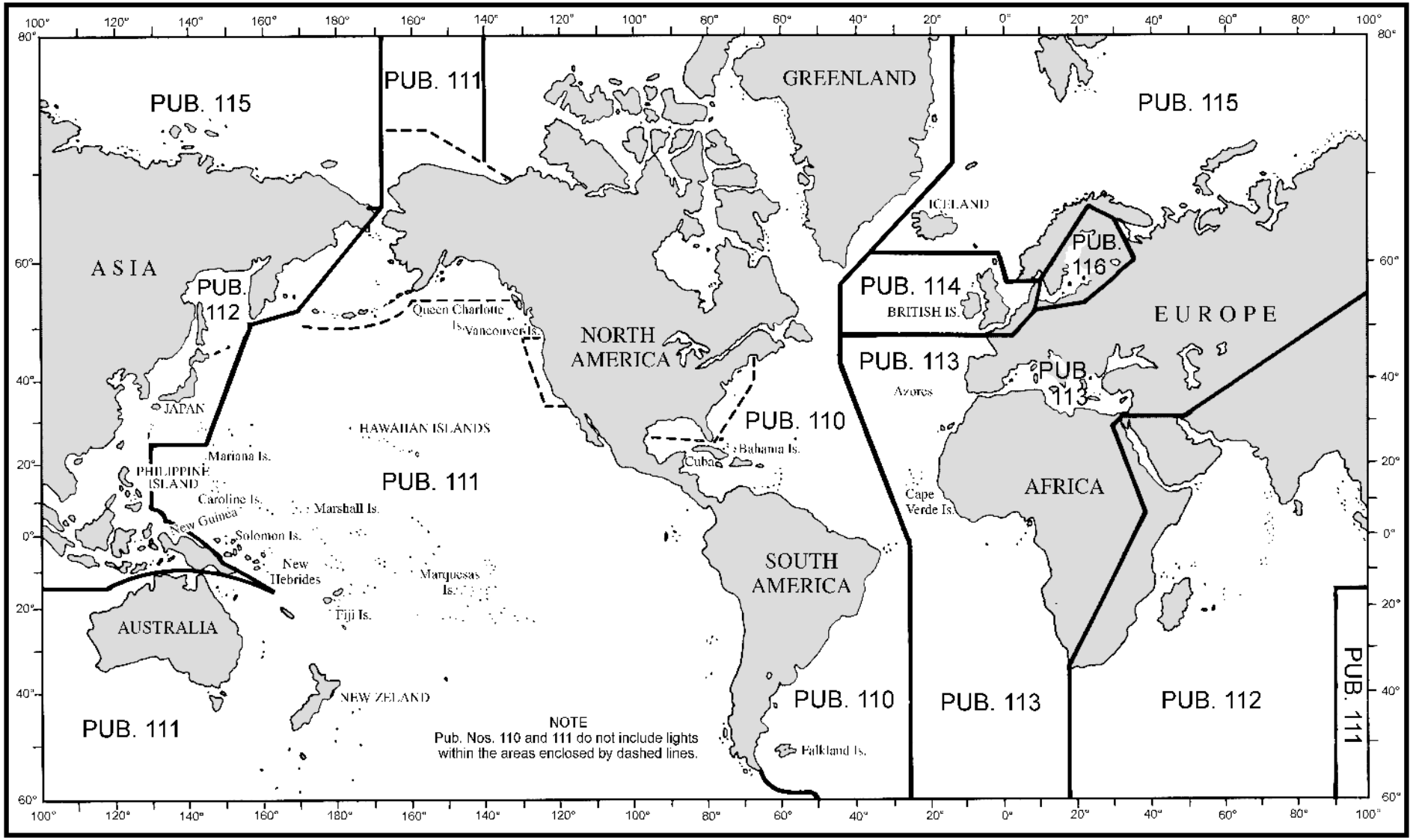
7642014007532
NSN 7642014007532
NGA REF. NO. LLPUB111

LIST OF LIGHTS LIMITS
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY



111 LIGHTS PACIFIC 2004

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 2004 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 03 July 2004, including Notice to Mariners No. 27 of 2004.

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 2004				YEAR 2005			
1.....	14.....	27.....	40.....	1.....	14.....	27.....	40.....
2.....	15.....	28.....	41.....	2.....	15.....	28.....	41.....
3.....	16.....	29.....	42.....	3.....	16.....	29.....	42.....
4.....	17.....	30.....	43.....	4.....	17.....	30.....	43.....
5.....	18.....	31.....	44.....	5.....	18.....	31.....	44.....
6.....	19.....	32.....	45.....	6.....	19.....	32.....	45.....
7.....	20.....	33.....	46.....	7.....	20.....	33.....	46.....
8.....	21.....	34.....	47.....	8.....	21.....	34.....	47.....
9.....	22.....	35.....	48.....	9.....	22.....	35.....	48.....
10.....	23.....	36.....	49.....	10.....	23.....	36.....	49.....
11.....	24.....	37.....	50.....	11.....	24.....	37.....	50.....
12.....	25.....	38.....	51.....	12.....	25.....	38.....	51.....
13.....	26.....	39.....	52.....	13.....	26.....	39.....	52.....

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:

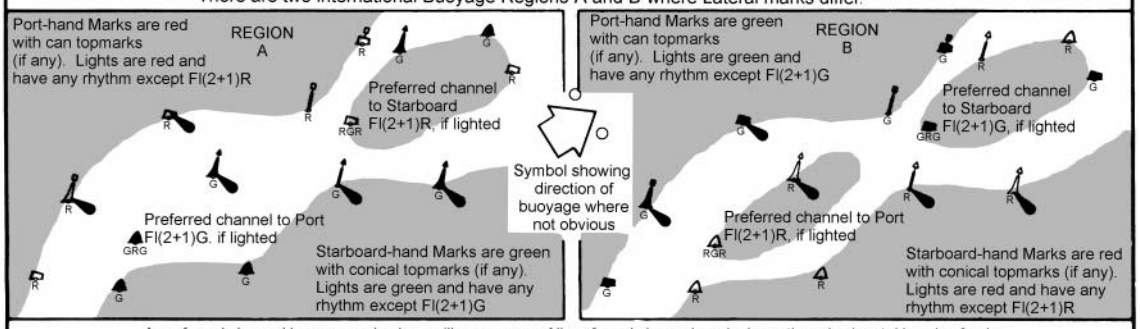
MARITIME DIVISION
ST D 44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003

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.

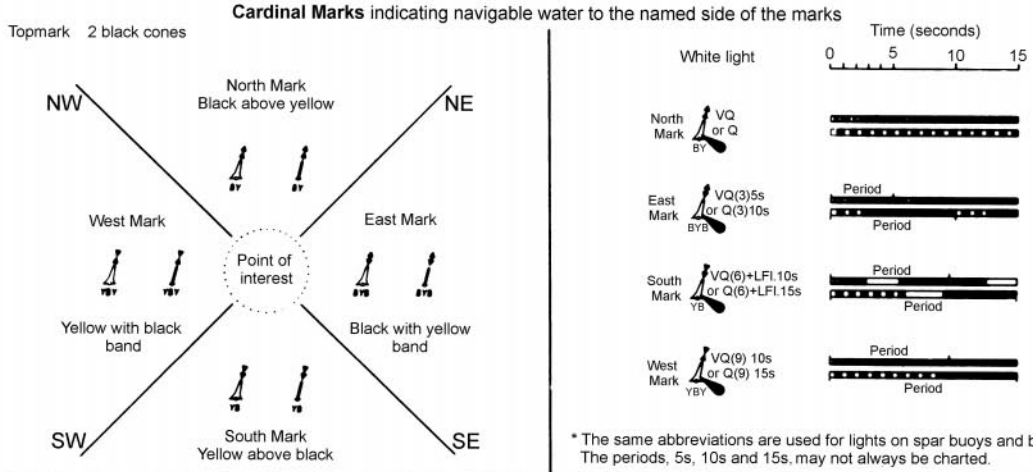


A preferred channel buoy may also be a pillar or a spar. All preferred channel marks have three horizontal bands of color

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

UNLIGHTED MARKS | **LIGHTED MARKS**

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



* 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

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

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

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

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

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

Beacon towers are charted: etc (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 DIVISION WEBSITE

The National Geospatial-Intelligence Agency (NGA) Marine Navigation Website 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 Chart Corrections, Publication Corrections, NGA Hydrographic Catalog Corrections, Chart and Publication Reference Data (current edition number, dates, title, scale), NGA List of Lights, USCG Light Lists, World-Wide Navigational Warning Service (WWNWS) Broadcast Warnings, Maritime Administration (MARAD) Advisories, Department of State Special Warnings, Mobile Offshore Drilling Units (MODUs), Anti-Shipping Activity Messages (ASAMs), World Port Index, and Radio Navigational Aids. 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, and the Radar Navigation and Maneuvering Board Manual.

The Maritime Division Website can be accessed via the NGA Homepage (www.nga.mil) or directly at **(http://pollux.nss.nga.mil).** Any questions concerning the Maritime Division Website should be directed to:

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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

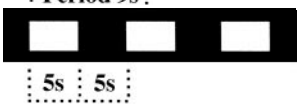
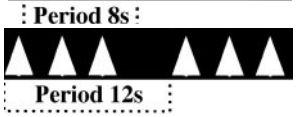
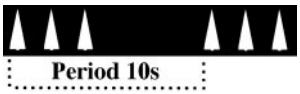
Where the lights of different countries intermingle in the list they are distinguished by the following letters:

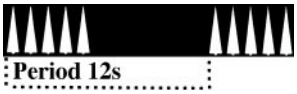
(A.)	Argentina	(Hon.)	Honduras
(Aus.)	Australia	(M.)	Mexico
(C.)	Chile	(Nic.)	Nicaragua
(Can.)	Canada	(N.Z.)	New Zealand
(Col.)	Columbia	(P.)	Panama
(C.R.)	Costa Rica	(Sal.)	El Salvador
(F.)	France	(U.K.)	United Kingdom
(Gu.)	Guatemala	(U.S.)	United States

Other abbreviations:

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

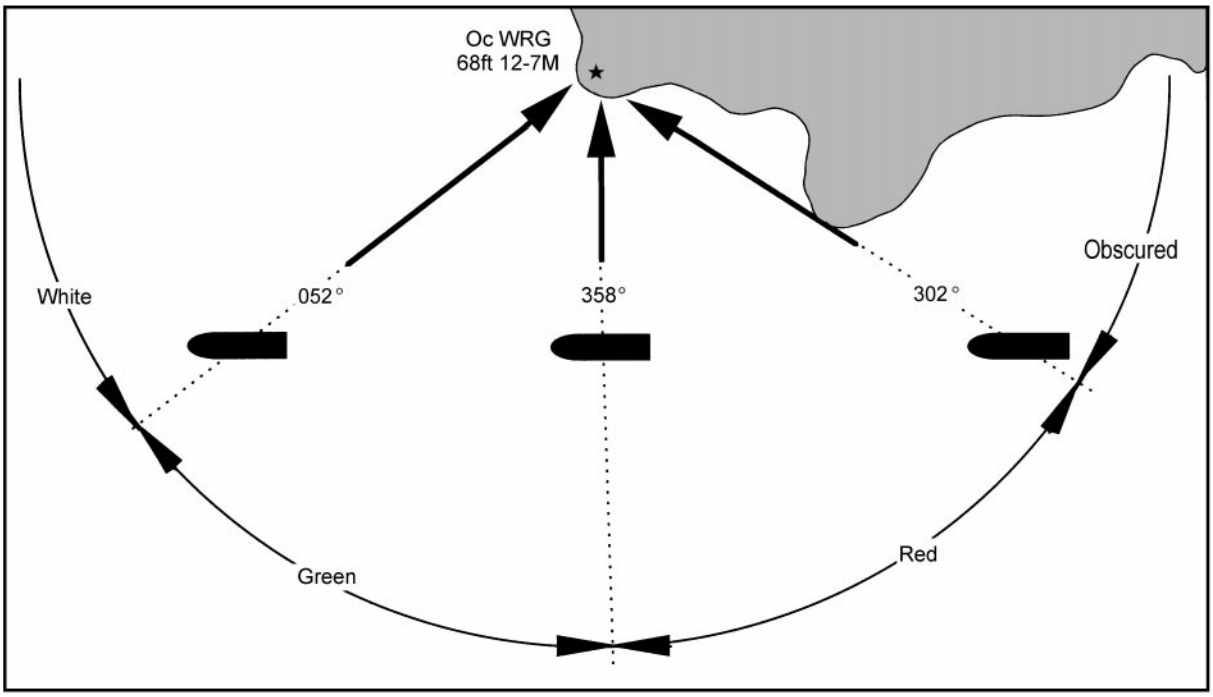
When a light is obscured by adjoining land and the arc of visibility is given, the bearing on which the light disappears may vary with the distance from which it is observed. When the light is cut off by a sloping point of land or hill, the light may be seen over a wider arc by a ship farther off than 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)	16.5
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 opera-

tor, the condition of the ship's equipment, and the accuracy 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–multipy 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.

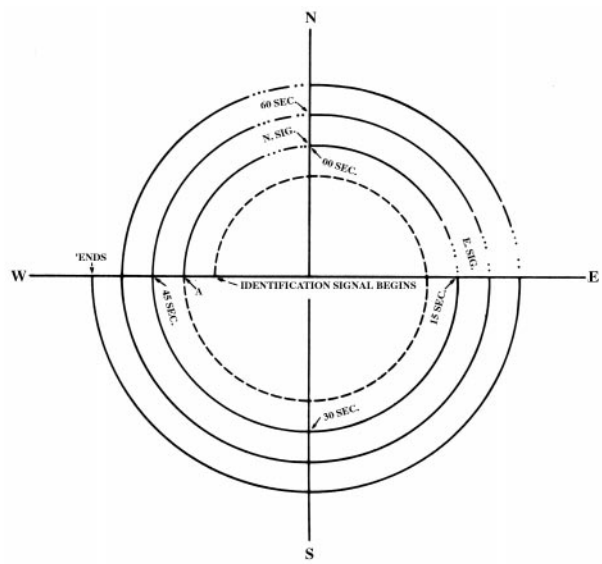
(f) No quadrantal error arises, and no corrections are necessary except as in (c) and (d) above.

(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 refrence 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** dentoes 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

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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	68 **21**	9		**Aero Radiobeacon** 27 miles ENE.
			F.R. (vert.)				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 Ensillada.	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 extinguished (Nov. 1997).*
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°. *Reported Fl.W. 10s (1997).*
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**	2	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**	9	White pyramidal concrete tower; 40.	
45 *G 3251*	-Northwards AVIATION LIGHT.	7° 40.4′ N 80° 25.9′ W	**F.R.**				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**	12	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**	10	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**	13	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**	**22**	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**	7	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**	14	White metal framework tower; 14.	
57 *G 3218*	-Vacamonte Range, front.	8° 52.0′ N 79° 40.2′ W	**F.W.**	58 **18**	13	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**	13	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**	**17**	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**	12	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**	**26**	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**	14	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**	**19**	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*	- -Middle “1A.”	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.Fl.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.Fl.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.	
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.Fl.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.Fl.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	**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**	**25**	Tower, red and white bands; 98.	
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.R.** period 12s fl. 2s, ec. 10s	144 **44**	**17**	Red tower, white bands; 30.	
180 *G 3152*	Mutis.	6° 14.0′ N 77° 23.7′ W	**Fl.G.** period 6s fl. 1s, ec. 5s	43 **13**	9	Orange 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	**Cabo Corrientes.**	5° 29.2′ N 77° 32.7′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	620 **189**	**25**	Orange metallic tower; 59.	
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**	**17**	Orange metallic tower.	
186 *G 3142*	**Isla Malpelo.**	4° 00.3′ N 81° 36.5′ W	**Fl.W.** period 15s fl. 1s, ec. 14s	846 **258**	**20**	Orange metal structure; 13.	
	BAHIA DE BUENAVENTURA:						
188 *G 3136*	**-Isla Palmas.**	3° 54.3′ N 77° 21.4′ W	**Fl.(2)W.** period 20s fl. 1s, ec. 2s fl. 1s, ec. 16s	151 **46**	**24**	Orange metal tower; 128.	Visible 308°-162°.
189 *G 3137*	-"B".	3° 55.1′ N 77° 21.3′ W	**Iso.W.R.G.** period 4s	51 **16**	7	White tower.	W. 084°-094°. **Radar reflector.**
190 *G 3137.5*	-"C".	3° 55.5′ N 77° 20.8′ W	**Oc.W.R.G.** period 6s lt. 4.5s, ec. 1.5s	49 **15**	7	White tower.	W. 064°30′-074°00′.
194	*-Sea buoy.*	3° 54.5′ N 77° 26.5′ W	**L.Fl.W.** period 10s fl. 2s, ec. 8s			SAFE WATER RW, pillar.	
	-RACON		**M(– –)**				
196	*-Sea buoy.*	3° 47.6′ N 77° 19.2′ W	**Mo.(A)W.** period 10s fl. 0.5s, ec. 0.5s fl. 1.5s, ec. 7.5s			SAFE WATER RW, pillar.	
	-RACON		**B(– • • •)**				
200 *G 3132*	**-Punta Soldado.**	3° 48.5′ N 77° 10.8′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	164 **50**	**20**	Red and white tower.	
202 *G 3133*	-Buenaventura, La Pilota.	3° 53.2′ N 77° 04.1′ W	**Fl.W.** period 5s fl. 0.7s, ec. 4.3s	144 **44**	10	Silver water tower; 95.	
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.**

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			COLOMBIA				
202.7	-Aguacate.	3° 53.6′ N 77° 03.8′ W	**Fl.(2+1)G.** period 10s fl. 0.5s, ec. 0.7s fl. 0.5s, ec. 2.1s fl. 0.5s, ec. 5.7s	16 **5**	5	PREFERRED CHANNEL (B) GRG, beacon.	
203	-San Antonio.	3° 52.8′ N 77° 03.4′ W	**Fl.(2)G.** period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	20 **6**	5	Gray tower.	
203.3	-Parque.	3° 53.3′ N 77° 04.8′ W	**Fl.Y.** period 10s fl. 1s, ec. 9s	66 **20**	10	White tower.	
203.4	-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**	5	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	49 **15**	5	Orange tower.	Visible 000°-020°.
208 *G 3133.51*	- -Rear, about 60 meters 008° from front.	3° 54.2′ N 77° 05.0′ W	**Fl.(2)G.** period 5s fl. 1s, ec. 1s fl. 1s, ec. 2s	75 **23**	5	Orange tower.	Visible 000°-020°.
210 *G 3129*	**Punta Coll.**	3° 00.0′ N 78° 10.0′ W	**L.Fl.W.** period 8s fl. 2s, ec. 6s	220 **67**	**20**	Orange tower; 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	79 **24**	7	White tower, orange band.	
212 *G 3128*	**Isla Gorgonilla.**	2° 56.3′ N 78° 13.1′ W	**Fl.W.** period 15s fl. 1s, ec. 14s	338 **103**	**25**	Orange metal tower.	**Aero Radiobeacon** 21.4 miles SSE. (on mainland).
213 *G 3130*	Farillo Guapi.	2° 40.4′ N 77° 54.8′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	43 **13**	11	Orange structure.	
214	Timbiqui, N. side of Bahia de Timbiqui.	2° 47.9′ N 77° 45.5′ W	**Fl.(2)W.** period 25s fl. 1s, ec. 1s fl. 1s, ec. 22s	43 **13**	11	Orange tower.	
215 *G 3131*	Punta Coco.	2° 58.3′ N 77° 42.2′ W	**Q.(4)W.** period 30s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 26.5s	52 **16**	12	Orange 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	141 **43**	**18**	Orange tower.	
	RADA DE TUMACO:						
220 *G 3124*	**-Tumaco Island.**	1° 49.4′ N 78° 43.7′ W	**Fl.W.R.** period 10s fl. 1s, ec. 9s	305 **93**	W. **24** R. **20**	White square concrete tower; 37.	R. 202°30′-207°, W. elsewhere.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			COLOMBIA				
221 *G 3125*	-Beacon No. “17”.	1° 49.1′ N 78° 43.5′ W	**Fl.G.** period 5s fl. 1s, ec. 4s	10 **3**	5	Green tower.	
222 *G 3125.3*	-- No. “19”.	1° 49.0′ N 78° 43.8′ W	**Fl.G.** period 5s fl. 1s, ec. 4s	10 **3**	5	Green tower.	
224 *G 3124.5*	-El Viudo.	1° 51.3′ N 78° 43.0′ W	**V.Q.(9)W.** period 10s	39 **12**	9	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	Tower; 39.	
227 *G 3125.5*	**--Rear.**	1° 48.9′ N 78° 48.6′ W	**Fl.(2)W.** period 5s fl. 1s, ec. 1s fl. 1s, ec. 2s	85 **26**	**15**	Tower; 79.	
232 *G 3122*	**-Cabo Manglares.**	1° 35.7′ N 79° 01.9′ W	**Fl.(3)W.** period 20s fl. 0.5s, ec. 3s fl. 0.5s, ec. 3s fl. 0.5s, ec. 12.5s	141 **43**	**17**	Orange tower.	
			ECUADOR				
236 *G 3098*	San Pedro.	1° 23.2′ N 78° 53.5′ W	**Fl.W.** period 15s fl. 1.5s, ec. 13.5s	141 **43**	8	Orange metal pyramidal tower; 13.	
240 *G 3098.4*	Puerto de San Lorenzo "B3".	1° 22.0′ N 78° 52.6′ W	**Fl.(3)W.** period 15s fl. 1.7s, ec. 11.5s	23 **7**	7	White concrete column, orange daymark; 20.	
244 *G 3098.5*	Palo Seco.	1° 21.0′ N 78° 52.0′ W	**Fl.(3)W.** period 15s fl. 0.8s, ec. 0.1s fl. 0.8s, ec. 0.1s fl. 1.7s, ec. 11.5s	36 **11**	7	White concrete column, orange daymark; 26.	
248 *G 3098.6*	“B4”.	1° 18.0′ N 78° 53.0′ W	**Fl.(3)W.** period 15s fl. 0.8s, ec. 0.1s fl. 0.8s, ec. 0.1s fl. 1.7s, ec. 11.5s	26 **8**	9	White concrete column, orange daymark; 33.	
252 *G 3098.8*	“B5”.	1° 18.0′ N 78° 50.0′ W	**Fl.(3)W.** period 15s fl. 0.8s, ec. 0.1s fl. 0.8s, ec. 0.1s fl. 1.7s, ec. 11.5s	33 **10**	7	White concrete column, orange daymark; 23.	
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**	7	White concrete column; 20.	
256 *G 3097*	Punta La Barca.	1° 14.0′ N 79° 02.6′ W	**L.Fl.W.** period 10s fl. 2s, ec. 8s	82 **25**	8	White metal skeletal tower; 66.	
260 *G 3096.4*	Punta Verde.	1° 04.1′ N 79° 23.9′ W	**Fl.W.** period 5s fl. 1s, ec. 4s	174 **53**	8	White concrete tower; 26.	
264 *G 3096*	**Punta Coquitos.**	0° 59.0′ N 79° 40.0′ W	**L.Fl.(3)W.** period 24s fl. 2s, ec. 2s fl. 2s, ec. 2s fl. 2s, ec. 14s	656 **200**	**17**	White truncated conical concrete tower, red diagonal stripes; 43.	Fl.R. on radio mast 2.2 miles ESE. **Radiobeacon** about 0.6 mile WSW.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ECUADOR				
	PUERTO DE ESMERALDAS:						
268 *G 3096.1*	-Entrance Range, front,"E1".	0° 57.6′ N 79° 38.0′ W	**Oc.W.** period 4s lt. 2.5s, ec. 1.5s	46 **14**	13	White concrete tower, white daymark; 26.	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	**Oc.W.** period 4s lt. 2.5s, ec. 1.5s	112 **34**	13	White concrete tower, white daymark; 27.	
276 *G 3096.32*	-N. breakwater, head, "F1".	1° 00.0′ N 79° 39.0′ W	**Iso.R.** period 2s	33 **10**	10	White and red concrete tower; 20.	
280 *G 3096.3*	--S. side, E. end, "F2".	0° 59.7′ N 79° 38.6′ W	**Iso.G.** period 2s	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	269 **82**	13	Orange and white structure; 20.	
288 *G 3096.26*	---Rear, "E4", about 930 meters 250° from front.	0° 59.0′ N 79° 40.0′ W	**Iso.W.** period 4s	427 **130**	13	Orange and white wooden tower, concrete base; 20.	
292 *G 3096.34*	-S. harbor, E. side, N. end, "F3".	0° 59.3′ N 79° 38.6′ W	**Oc.G.** period 15s lt. 14s, ec. 1s	46 **14**	5	White and red concrete tower; 20.	
295	-No. "3".	0° 59.9′ N 79° 38.0′ W	**Fl.G.** period 4s fl. 0.3s, ec. 3.7s	20 **6**	4	Metal structure.	
300 *G 3095*	Punta Sua.	0° 52.1′ N 79° 52.9′ W	**Fl.W.** period 15s fl. 1.5s, ec. 13.5s	98 **30**	8	Concrete tower, white square; 26.	
304 *G 3094*	Punta Galera.	0° 49.4′ N 80° 03.0′ W	**Fl.W.** period 10s fl. 0.2s, ec. 9.8s	118 **36**	10	White truncated conical concrete tower, red stripes; 36.	
308 *G 3093*	Cabo de San Francisco.	0° 38.8′ N 80° 05.4′ W	**Fl.(4)W.** period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	157 **48**	8	Metal tower, black and white checks; 23.	
310 *G 3092*	Muisne.	0° 37.2′ N 80° 02.5′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	16 **5**	7	Orange fiberglass column; 7.	
312 *G 3091*	Punta Pedernales.	0° 03.1′ N 80° 05.7′ W	**Fl.W.** period 5s fl. 1s, ec. 4s	118 **36**	8	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. 1s fl. 1s, ec. 5.5s fl. 1s, ec. 5.5s	131 **40**	8	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**	11	White truncated conical concrete tower, orange stripes; 30.	
	RIO CHONE:						
324 *G 3085*	-Punta Bellaca.	0° 36.7′ S 80° 27.1′ W	**L.Fl.W.** period 10s fl. 2s, ec. 8s	135 **41**	11	Orange and white conical concrete tower; 23.	
326	-Bahia de Caraquez.	0° 36.7′ S 80° 25.5′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	13 **4**	7	Red and white metal structure; 13.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ECUADOR				
	ARCHIPIELAGO DE COLON (GALAPAGOS ISLANDS):						
328 *G 3101*	-Punta Lido.	0° 53.2′ S 89° 36.7′ W	**Fl.W.** period 10s fl. 1.5s, ec. 8.5s	46 **14**	7	Concrete tower, red and white bands; 23.	
329	Playaman.	0° 53.6′ S 89° 36.4′ W	**Fl.W.** period 6s fl. 0.6s, ec. 5.4s	13 **4**	4	White concrete structure.	
331	Patricio Hill.	0° 54.4′ S 89° 36.2′ W	**L.FL.R.** period 10s fl. 2s, ec. 8s	295 **90**	8	Red and white round metal structure; 12.	
332 *G 3102*	-Isla San Cristobal, Baquerizo Moreno.	0° 54.0′ S 89° 36.7′ W	**L.Fl.R.** period 10s fl. 2s, ec. 8s	65 **20**	8	White metal framework tower; 46.	F.R. on radio mast 100 meters SW. **Radiobeacon** 6.4 miles ESE.
333 *G 3104*	-Colorado Mountain.	0° 54.7′ S 89° 25.7′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	656 **200**	7	White concrete structure, red bands; 39.	
	-RACON		**Y(– • – –)**		**25**		
334 *G 3103*	**--Punta Malamoco.**	0° 54.1′ S 89° 36.9′ W	**Fl.W.** period 10s fl. 0.2s, ec. 9.8s	75 **23**	**18**	White metal tower; 10.	
336 *G 3100*	--Rocas Dalrymple.	0° 51.3′ S 89° 37.6′ W	**Fl.W.** period 5s fl. 0.5s, ec. 4.5s	60 **18**	9	White concrete block; 3.	
	--RACON		**S(• • •)**		**25**		
337 *G 3119*	**-Isla Genovesa, "GM1".**	0° 19.0′ N 89° 57.2′ W	**Fl.(2)W.** period 6s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 3.2s	59 **18**	**15**	White round metal tower; 20.	
338 *G 3119.1*	**--"GM2".**	0° 19.0′ N 89° 57.2′ W	**Fl.(2)W.** period 6s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 3.2s	75 **23**	**16**	White round metal tower; 30.	
340 *G 3114*	-Isla Santa Maria, Puerto Velasco Ibarra.	1° 16.4′ S 90° 29.3′ W	**Fl.(3)W.** period 20s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 15.2s	36 **11**	13	White concrete tower; 23.	
341 *G 3114.5*	-Post Office.	1° 13.9′ S 90° 26.4′ W	**Fl.W.** period 12s fl. 1.2s, ec. 10.8s	121 **37**	7	Orange fiberglass tower; 7.	
344 *G 3109*	-Isla Baltra.	0° 26.3′ S 90° 15.7′ W	**Fl.(2)W.** period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	102 **31**	8	Concrete tower, black and white checks; 23.	
348 *G 3106*	-Isla Santa Cruz, Bahia Academy, Islote Caamano.	0° 45.4′ S 90° 16.7′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	42 **13**	9	White round metal structure; 30.	
352 *G 3106.5*	-Punta Estrada.	0° 45.7′ S 90° 18.3′ W	**Fl.W.** period 15s fl. 1.5s, ec. 13.5s	49 **15**	8	Red fiberglass structure, yellow band; 27.	
356 *G 3108*	--Aeolian.	0° 26.1′ S 90° 17.2′ W	**Fl.(2)W.** period 15s fl. 1.5s, ec. 2.5s fl. 1.5s, ec. 9.5s	46 **14**	7	Red and black fiberglass structure; 27.	
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	52 **16**	10	White metal structure; 39.	F.R. on radio mast close NE. Fl.Y. on water tank in line 301°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ECUADOR				
362	- - -Water tank.	0° 44.5′ S 90° 19.3′ W	**Fl.Y.** period 10s fl. 1.5s, ec. 8.5s	164 **50**	8	Orange concrete structure; 79.	
364 *G 3113*	-Isla Isabela, Puerto General Villamil.	0° 57.2′ S 90° 58.4′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	36 **11**	8	White round metal structure; 30.	
368 *G 3112*	- -Islet.	0° 57.8′ S 90° 57.9′ W	**Fl.(2+1)W.** period 15s fl. 1s, ec. 1s fl. 1s, ec. 5.5s fl. 1s, ec. 5.5s	36 **11**	7	White concrete tower; 23.	
369 *G 3111.5*	-Santiago.	0° 14.4′ S 90° 51.9′ W	**Fl.W.** period 15s fl. 1s, ec. 14s	39 **12**	7	Orange fiberglass tower; 7.	
369.2 *G 3111*	-Isla Bartolome.	0° 16.8′ S 90° 32.9′ W	**Fl.W.** period 8s fl. 0.5s, ec. 7.5s	279 **85**	7	Orange fiberglass tower; 7.	
369.6 *G 3107.5*	-Plaza.	0° 34.9′ S 90° 09.7′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	56 **17**	6	Orange fiberglass tower; 7.	
370.2 *G 3105*	-Punta Suarez.	1° 22.2′ S 89° 44.7′ W	**Fl.W.** period 10s fl. 0.8s, ec. 9.2s	20 **6**	7	Orange fiberglass tower; 7.	*Reported extinguished (1996).*
372 *G 3116*	-Isla Wenman (Wolf Island).	1° 22.5′ N 91° 49.2′ W	**Fl.W.** period 5s fl. 0.5s, ec. 4.5s	262 **80**	8	White concrete structure, red bands; 20.	
	BAHIA DE MANTA:						
376 *G 3076*	-Punta Jaramijo.	0° 55.7′ S 80° 39.4′ W	**Fl.(3)W.** period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	115 **35**	10	White square concrete tower, black bands; 56.	
380 *G 3073*	-Breakwater, E. extremity.	0° 55.8′ S 80° 43.2′ W	**Fl.R.** period 10s fl. 0.2s, ec. 9.8s	66 **20**	7	White concrete tower, red bands; 46.	
	-RACON		**M(– –)**		**25**		
388 *G 3071*	-Punta Jome.	0° 57.2′ S 80° 49.1′ W	**Fl.W.** period 5s fl. 1s, ec. 4s	220 **67**	8	White truncated conical concrete tower, black diagonal stripes; 23.	
392 *G 3068*	-Cabo San Lorenzo.	1° 03.3′ S 80° 54.4′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	427 **130**	6	White truncated conical concrete tower, orange 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**	11	White metal framework tower; 66.	
404 *G 3060*	Isla Salango.	1° 35.4′ S 80° 51.9′ W	**Fl.W.** period 15s fl. 1.5s, ec. 13.5s	466 **142**	8	White concrete tower; 23.	
408	Islote El Pelado.	1° 56.0′ S 80° 47.0′ W	**Fl.W.** period 5s fl. 1s, ec. 4s	92 **28**	8	White concrete tower; 23.	
412 *G 3050*	**Punta Santa Elena.**	2° 11.2′ S 80° 59.9′ W	**Fl.(2)W.** period 10s fl. 0.2s, ec. 1.5s fl. 0.2s, ec. 8.1s	312 **95**	**25**	Fluorescent orange truncated concrete tower, white rectangular cupola; 39.	**Radiobeacon** close S.
416 *G 3051*	-Chocolatera (La Puntilla).	2° 11.3′ S 81° 00.8′ W	**Fl.W.** period 10s fl. 1.5s, ec. 8.5s	43 **13**	11	Concrete tower, black and white checks; 30.	
420 *G 3052*	-AVIATION LIGHT.	2° 13.0′ S 80° 58.0′ W	**Al.Fl.W.G.** period 11s	95 **29**	**18**		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ECUADOR				
424 *G 3052.3*	-Punta San Lorenzo, Petropolis.	2° 12.1′ S 80° 57.4′ W	**Fl.(4)W.** period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	203 **62**	10	On building; 177.	
426 *G 3053*	-Girasol.	2° 12.3′ S 80° 58.1′ W	**Fl.W.** period 5s fl. 1s, ec. 4s	131 **40**	10	Structure on building; 115.	Fl.W. shown at yacht club 800 meters NW.
	PUNTA SANTA ELENA:						
428 *G 3055*	-Capay.	2° 12.4′ S 80° 51.8′ W	**Fl.(3)W.** period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	315 **96**	11	White truncated conical concrete tower, red bands; 26.	
429 *G 3053.8*	-Rompeolas.	2° 13.0′ S 80° 55.3′ W	**L.Fl.W.** period 6s fl. 2s, ec. 4s	36 **11**	13	White concrete structure, red bands.	
430 *G 3054*	-Beacon No. “1”.	2° 13.1′ S 80° 55.3′ W	**Fl.G.** period 5s fl. 0.9s, ec. 4.1s	23 **7**	5	White concrete structure.	
431 *G 3054.2*	-Beacon No. “2”.	2° 13.1′ S 80° 55.3′ W	**Fl.R.** period 6s fl. 0.6s, ec. 5.4s	23 **7**	5	White concrete structure.	
436 *G 3049.4*	Punta Ancon, Anconcito.	2° 19.8′ S 80° 53.7′ W	**Fl.W.** period 5s fl. 1s, ec. 4s	167 **51**	11	White concrete tower, black bands; 26.	
438 *G 3049.2*	**Real.**	2° 23.7′ S 80° 43.8′ W	**Fl.W.** period 16s fl. 1s, ec. 15s	98 **30**	**15**	White concrete tower, orange bands; 39.	
442	Punta de Piedra.	2° 34.0′ S 80° 31.0′ W	**Fl.W.** period 5s fl. 1.5s, ec. 3.5s	46 **14**	6	White concrete structure, red bands; 23.	
	GOLFO DE GUAYAQUIL:						
444 *G 3037*	-Punta Piedras del Morro (Chapoya).	2° 38.2′ S 80° 25.9′ W	**Fl.(2)W.** period 7s fl. 0.4s, ec. 1.6s fl. 0.4s, ec. 4.6s	72 **22**	7	White metal tower; 39.	
448	*-Buoy De Mar.*	2° 44.4′ S 80° 24.7′ W	**Iso.W.** period 2s			SAFE WATER RW.	**Radar reflector.**
	-RACON		**G(– – •)**		**25**		
450	-Approach Range, front, “DATA 1”.	2° 43.2′ S 80° 18.1′ W	**Fl.Y.** period 5s fl. 0.8s, ec. 4.2s	39 **12**	**19**	White metal tower, orange and black daymark.	
450.1	- -Rear, “DATA 2”, 1200 meters 079°15′ from front.	2° 43.1′ S 80° 17.5′ W	**Fl.Y.** period 5s fl. 0.8s, ec. 4.2s	69 **21**	**19**	White metal tower, orange and black daymark.	
452 *G 3038*	-Cauchiche Range, front, “A1”.	2° 47.5′ S 80° 14.6′ W	**Fl.W.** period 5s fl. 0.8s, ec. 4.2s	30 **9**	12	White metal structure; 20.	Visible 129°-133°.
456 *G 3038.1*	- -Rear, “A2”, 1.9 km. 131° from front.	2° 48.2′ S 80° 13.8′ W	**Iso.W.** period 5s	75 **23**	12	White round metal structure; 66.	Visible 129°-133°.
460 *G 3040.6*	-Farallones.	2° 43.9′ S 80° 13.3′ W	**Fl.W.** period 5s fl. 0.5s, ec. 4.5s	49 **15**	8	White metal tower; 24.	
462 *G 3041*	-B Range, front, “B1”.	2° 38.1′ S 80° 13.7′ W	**Fl.W.** period 5s fl. 0.8s, ec. 4.2s	26 **8**	12	White metal framework tower, red stripe; 26.	Visible 001°42′-005°42′.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ECUADOR				
463 *G 3041.1*	- -Rear, “B2”, 1.5 km. 003°48′ from front.	2° 37.3′ S 80° 13.6′ W	**Iso.W.** period 5s	92 **28**	12	White metal framework tower; 66.	Visible 001°42′-005°42′.
464 *G 3042*	-Seiba Rock.	2° 38.2′ S 80° 13.1′ W	**Fl.W.** period 3s fl. 0.3s, ec. 2.7s	20 **6**	6	White metal structure; 20.	
468 *G 3043*	-C Range, front, “C1”.	2° 35.4′ S 80° 08.1′ W	**Fl.W.** period 5s fl. 0.8s, ec. 4.2s	26 **8**	13	White metal structure; 26.	Visible 065°30′-069°30′.
472 *G 3043.1*	- -Rear, “C2”, 1.3 km. 067°30′ from front.	2° 35.1′ S 80° 07.4′ W	**Iso.W.** period 5s	66 **20**	13	White metal structure; 66.	Visible 065°30′-069°30′.
473 *G 3045*	-D Range, front, “D1”.	2° 30.7′ S 80° 04.6′ W	**Fl.W.** period 5s fl. 0.8s, ec. 4.2s	26 **8**	13	White metal framework tower.	Visible 036°30′-040°30′.
473.5 *G 3045.1*	- -Rear, “D2”, 3.1 km. 038°43′ from front.	2° 29.3′ S 80° 03.5′ W	**Iso.W.** period 5s	89 **27**	13	White metal framework tower.	Visible 036°30′-040°30′.
474 *G 3046*	-E Range, front, “E1”.	2° 24.6′ S 80° 01.2′ W	**Fl.W.** period 5s fl. 0.8s, ec. 4.2s	26 **8**	13	White metal framework tower.	Visible 035°-039°.
474.5 *G 3046.1*	- -Rear, “E2”, 2.8 km. 037° from front.	2° 23.2′ S 80° 00.3′ W	**Iso.W.** period 5s	85 **26**	13	White metal framework tower.	Visible 035°-039°.
475 *G 3047*	-F Range, front, “F1”.	2° 21.1′ S 80° 00.6′ W	**Fl.W.** period 5s fl. 0.8s, ec. 4.2s	26 **8**	13	White metal framework tower; 26.	Visible 014°30′-018°30′.
475.5 *G 3047.1*	- -Rear, “F2”, 1.5 km. 017°11′ from front.	2° 20.2′ S 80° 00.4′ W	**Iso.W.** period 5s	69 **21**	13	White metal framework tower; 59.	Visible 014°30′-018°30′.
476.5 *G 3047.6*	-No. “76”.	2° 18.8′ S 79° 55.4′ W	**Fl.W.** period 5s	10 **3**	4	White metal framework tower; 10.	
477 *G 3047.8*	-No. “83”.	2° 17.8′ S 79° 55.0′ W	**Fl.W.** period 3s fl. 0.5s, ec. 2.5s	13 **4**	5	White metal framework tower; 13.	
477.3 *G 3047.9*	-No. “85”.	2° 17.1′ S 79° 55.0′ W	**Q.W.**	13 **4**	6	White metal framework tower; 13.	
477.5 *G 3048*	-No. “86”.	2° 16.8′ S 79° 54.8′ W	**Q.R.**	13 **4**	4	White metal framework tower; 13.	
477.7 *G 3048.1*	-No. “87”.	2° 17.1′ S 79° 54.4′ W	**Q.G.**	13 **4**	4	White metal framework tower; 13.	
477.9 *G 3048.2*	-No. “89”.	2° 16.7′ S 79° 55.0′ W	**Q.G.**	13 **4**	4	White metal framework tower; 13.	
	RIO GUAYAS:						
478 *G 3036*	-Sitio Nuevo, Range, front.	2° 18.6′ S 79° 49.7′ W	**Fl.W.** period 3s fl. 0.7s, ec. 2.3s	20 **6**	10	White metal tower.	
479 *G 3036.1*	- -Rear, 320 meters, 152° from front.	2° 18.7′ S 79° 49.6′ W	**Fl.W.** period 3s fl. 0.7s, ec. 2.3s	56 **17**	10	White metal tower.	
480 *G 3035*	-Punta de Piedra.	2° 25.9′ S 79° 51.2′ W	**Fl.R.** period 5s	23 **7**	8	White metal tower; 23.	
484 *G 3034*	-Puerto Balsa.	2° 34.3′ S 79° 53.8′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	39 **12**	6	Iron tower; 25.	
	GOLFO DE GUAYAQUIL:						
488 *G 3033*	-Isla Verde.	2° 38.6′ S 79° 56.0′ W	**Fl.W.** period 6s fl. 0.6s, ec. 5.4s	46 **14**	6	White metal skeleton tower; 39.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ECUADOR				
492 *G 3032*	-Punta Mandinga.	2° 44.3′ S 79° 53.9′ W	**Fl.W.** period 4s fl. 0.4s, ec. 3.6s	171 **52**	6	White square metal tower; 39.	
496 *G 3031*	-Punta Espanola, E. side of Isla de Puna.	2° 47.5′ S 79° 55.9′ W	**Fl.(2)W.** period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	164 **50**	6	White metal tower; 39.	
500 *G 3026*	-Punta Arenas, SE. end of Isla de Puna.	3° 01.2′ S 80° 07.2′ W	**Fl.W.** period 4s fl. 0.4s, ec. 3.6s	65 **20**	7	White metal tower; 59.	
508 *G 2996*	**Isla de Santa Clara.**	3° 10.4′ S 80° 26.4′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	266 **81**	**17**	White concrete skeleton tower; 33.	
512 *G 3028*	-Punta Jambeli, Rio Santa Rosa, W. side of entrance.	3° 12.4′ S 80° 01.6′ W	**Fl.W.** period 5s fl. 0.5s, ec. 4.5s	59 **18**	8	Truncated concrete tower, red and white bands; 53.	
514	*-Port Bolivar Sea Buoy.*	3° 11.4′ S 80° 01.4′ W	**Iso.W.** period 2s			RW, topmark.	
	-RACON		**B(– • • •)**		**25**		
516 *G 3028.4*	-Bajo Salinas.	3° 14.5′ S 80° 00.1′ W	**Fl.(2)W.** period 15s fl. 1.5s, ec. 2.5s fl. 1.5s, ec. 9.5s	39 **12**	6	White concrete tower, orange daymark.	
520 *G 3029*	-Puerto Bolivar.	3° 16.1′ S 80° 00.1′ W	**Fl.(2)W.** period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 8s	138 **42**	10	Church tower; 125.	
521	-Mogote Sur.	3° 17.3′ S 80° 01.0′ W	**L.Fl.W.** period 10s fl. 2s, ec. 8s	59 **18**	6	White concrete tower, orange daymark.	
522 *G 2998*	-Isla San Gregorio, Payana.	3° 22.6′ S 80° 18.3′ W	**Fl.W.** period 3s fl. 0.3s, ec. 2.7s	30 **9**	8	White concrete tower, black bands; 30.	
			PERU				
528	Punta Capones.	3° 24.7′ S 80° 18.7′ W	**Fl.(3)W.** period 15s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 10.5s	56 **17**	9	Pyramidal concrete tower, red and white bands; 49.	
536 *G 2180*	**Contralmirante Villar.**	3° 40.8′ S 80° 40.8′ W	**Fl.W.** period 10s fl. 0.5s, ec. 9.5s	253 **77**	**17**	White pyramidal tower, black bands; 59.	
540 *G 2158*	**Mancora.**	4° 06.5′ S 81° 03.4′ W	**Fl.(3)W.** period 20s fl. 0.5s, ec. 2.5s fl. 0.5s, ec. 6s fl. 0.5s, ec. 10s	112 **34**	**17**	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° 15.0′ S 81° 14.2′ W	**Fl.(2)W.** period 10s fl. 0.5s, ec. 6s	128 **39**	**16**	White pyramidal concrete tower, black bands; 39.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			PERU				
568 *G 2140*	**-Punta Talara.**	4° 34.5′ S 81° 17.1′ W	**Fl.(2)W.** period 15s fl. 0.3s, ec. 2.2s fl. 0.3s, ec. 12.2s	201 **61**	**19**	Black hexagonal metal tower, white bands; 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**	**20**	White truncated conical concrete tower, red bands; 59.	
	RACON		**R(• – •)**				
	PAITA:						
584 *G 2132.8*	**-Paita.**	5° 04.4′ S 81° 07.6′ W	**Fl.(2)W.** period 20s fl. 0.4s, ec. 3.8s fl. 0.4s, ec. 15.4s	332 **101**	**19**	Black pyramidal concrete tower, orange bands; 60.	
588 *G 2133.2*	-Production Marina mole, head.	5° 04.1′ S 81° 07.4′ W	**F.R.**	39 **12**	1	Post; 20.	
592 *G 2133.3*	-Fishing complex pier, head.	5° 04.4′ S 81° 07.3′ W	**F.R.**		1	Post.	
596 *G 2133.4*	-Range, front, Port Authority jetty.	5° 05.1′ S 81° 06.4′ W	**Fl.G.** period 3s fl. 0.5s, ec. 2.5s	39 **12**	4	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	187 **57**	14	White truncated conical tower, black bands; 15.	
608 *G 2127*	**-Bayovar.**	5° 47.7′ S 81° 03.9′ 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.
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.	
624	Punta Falsa.	5° 53.4′ S 81° 09.0′ W	**Fl.W.** period 15s		9	Tower.	
628 *G 2125*	Punta La Negra.	6° 03.5′ S 81° 06.5′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	121 **37**	**19**	Black pyramidal concrete tower, white bands; 39.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			PERU				
632 *G 2124*	**Isla Lobos de Tierra.**	6° 27.6′ S 80° 51.2′ W	**Fl.(4)W.** period 20s fl. 0.2s, ec. 3s fl. 0.2s, ec. 3s fl. 0.2s, ec. 3s fl. 0.2s, ec. 10.2s	269 **82**	**18**	Round metal tower, red and white bands; 14.	
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° 46.1′ S 79° 58.3′ W	**Fl.W.** period 15s		6	Red tower.	
650 *G 2121*	Santa Rosa.	6° 52.9′ S 79° 55.3′ W	**Fl.W.** period 4s		6	Red tower.	
656 *G 2117*	**Morro Eten.**	6° 56.7′ S 79° 51.5′ W	**Fl.W.** period 10s fl. 0.4s, ec. 9.6s	719 **219**	**19**	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	121 **37**	**18**	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.	
	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	476 **145**	**25**	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	Metal structure; 13.	
697 *G 2086.1*	-Paso del Norte Range, front.	9° 04.8′ S 78° 36.7′ W	**Fl.G.**	33 **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.**	46 **14**	5	Iron tower, concrete base; 39.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			PERU				
698 *G 2086.4*	-Mineral dock No. “3”.	9° 04.7′ S 78° 36.7′ W	**Fl.R.**	20 **6**	2	Red metal post; 11.	
699 *G 2086.6*	- -SE. corner.	9° 04.8′ S 78° 36.6′ W	**Fl.R.**	13 **4**	4	Metal tower; 13.	
700 *G 2085*	- -Islote Roca Blanca.	9° 05.0′ S 78° 37.4′ W	**Fl.R.**	85 **26**	4	Red metal framework tower; 13.	
701 *G 2086.4*	- -Pier No. “3”, head.	9° 04.8′ S 78° 36.8′ W	**Fl.R.**	16 **5**	2	Metal post; 11.	
702 *G 2086.2*	- -Pier No. “1”, head.	9° 04.8′ S 78° 37.0′ W	**Fl.R.**	26 **8**	2	Red metal post; 20.	
703 *G 2086.3*	- -Pier No. “2”, head.	9° 04.6′ S 78° 36.8′ W	**Fl.R.**	20 **6**	2	Black metal mast; 13.	
704 *G 2084*	**Blanca Island.**	9° 06.5′ S 78° 37.2′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	472 **144**	**15**	Black square concrete tower, white bands; 24.	
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	82 **25**	9	Red metal framework 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	279 **85**	**19**	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	249 **76**	**18**	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.	
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**	14	Orange round concrete tower, black band; 59.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			PERU				
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.	
770 *G 2061*	Pier, head.	12° 00.0′ S 77° 08.4′ W	**F.R.**				
	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	26 **8**	4	Black tower; 6.	
784 *G 2053.4*	-S. breakwater, head.	12° 02.9′ S 77° 09.4′ W	**Fl.R.** period 5s fl. 0.5s, ec. 4.5s	25 **8**	4	Red tower; 6.	
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.W.** period 10s fl. 0.5s, ec. 9.5s	138 **42**	**19**	Building; 79.	
794 *G 2057.8*	-Banco el Camotal.	12° 04.4′ S 77° 10.8′ W	**Fl.(3)W.** period 15s	13 **4**	4	Truncated conical metal tower.	
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**	6	White round metal tower, blue bands; 39.	
804 *G 2057*	-Pier “9”, berth “B”.	12° 03.2′ S 77° 08.8′ W	**F.R.**	20 **6**	3	Metal post; 10.	
805 *G 2056.2*	-Pier “5”, berth “B”, W. corner.	12° 02.7′ S 77° 08.8′ W	**F.R.**	20 **6**	3	Tower; 10.	
805.1 *G 2056*	- -Berth “D”, N. corner.	12° 02.6′ S 77° 08.7′ W	**F.R.**	20 **6**	3	Metal tower; 10.	
805.2 *G 2055*	-Petroleum wharf.	12° 02.7′ S 77° 09.1′ W	**F.R.**	20 **6**	3	Black and red tower; 10.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			PERU				
805.3 *G 2055.4*	-Dry dock.	12° 02.4′ S 77° 08.8′ W	**Fl.(3)Y.** period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s		3	Metal triangular tower; 4.	
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 Alminante Grau.**	12° 03.7′ S 77° 14.8′ W	**Fl.W.** period 10s fl. 0.5s, ec. 9.5s	1014 **309**	**23**	Black round metal tower, yellow bands; 51.	
816 *G 2050*	-San Lorenzo Naval Base, pier, head.	12° 04.9′ S 77° 12.3′ W	**F.R.**	42 **13**	5	White metal framework tower; 30.	
828 *G 2048*	Isla Palominos.	12° 07.8′ S 77° 14.0′ W	**Fl.(2)W.** period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	177 **54**	9	Black round tower, orange bands; 39.	
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**	**21**	Blue round metal tower, white bands; 72.	
840 *G 2046*	**-Las Palmas** AVIATION LIGHT.	12° 09.8′ S 77° 00.0′ W	**Al.W.G.** period 2s	203 **62**	**15**		F.R. 6.5 miles NW.
844 *G 2043*	**Isla Chilca.**	12° 28.5′ S 76° 47.9′ W	**Fl.(2)W.** period 15s fl. 0.3s, ec. 2.2s fl. 0.3s, ec. 12.2s	361 **110**	**18**	White pyramidal tower, blue bands; 33.	
846 *G 2044*	Cerro Azul.	13° 01.8′ S 76° 29.4′ W	**Fl.(2)W.** period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	59 **18**	9	Black structure, white bands.	
	PISCO:						
856 *G 2034*	**-Isla Chincha.**	13° 38.3′ S 76° 24.0′ W	**Fl.W.** period 10s fl. 0.5s, ec. 9.5s	321 **98**	**19**	Black square tower, pyramidal base, orange bands; 59.	
860 *G 2035*	-AVIATION LIGHT.	13° 44.5′ S 76° 12.8′ W	**Al.Fl.W.G.**	46 **14**	14	Red and white metal tower; 46.	4 F.R. lights nearby.
864 *G 2034.4*	-Isla Blanca.	13° 44.0′ S 76° 18.6′ W	**Fl.W.** period 5s fl. 0.5s, ec. 4.5s	66 **20**	5	Gray metal tower; 10.	
868 *G 2034.2*	**-Punta Colorada.**	13° 47.3′ S 76° 18.9′ W	**Fl.R.** period 10s fl. 1s, ec. 9s	118 **36**	13	Gray tower.	
872 *G 2037*	*-Puerto San Martin, Pta. Pejerrey, North Beacon.*	13° 47.8′ S 76° 17.3′ W	**Q.W.**	13 **4**	4	Black tower.	
876 *G 2039*	--S. beacon.	13° 49.0′ S 76° 17.3′ W	**Fl.W.** period 5s fl. 0.5s, ec. 4.5s	13 **4**	5	Black tower.	
880 *G 2038*	--Muelle Marginal.	13° 48.0′ S 76° 17.4′ W	**F.R.**	20 **6**	4	Black post; 10.	
884 *G 2038.2*	---S. end.	13° 48.4′ S 76° 17.5′ W	**F.R.**	20 **6**	4	Black post; 10.	
885	--Puerto San Martin Range, front.	13° 48.1′ S 76° 17.6′ W	**Fl.G.** period 1.2s fl. 0.5s, ec. 0.7s		5	Tower, red daymark; 75.	
886	---Rear, 170 meters 243° from front.	13° 48.2′ S 76° 17.7′ W	**Fl.G.** period 3s fl. 0.5s, ec. 2.5s		5	Tower, red daymark; 95.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			PERU				
888 *G 2034.6*	**Isla San Gallan.**	13° 50.5′ S 76° 27.8′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	1263 **385**	9	White pyramidal tower, orange stripes; 16.	
892 *G 2032*	Cerro Carretas.	14° 11.7′ S 76° 16.3′ W	**Fl.(2)W.** period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	676 **206**	10	White round fiberglass tower, black bands; 16.	
896 *G 2030*	**Infiernillos.**	14° 40.1′ S 75° 53.5′ W	**Fl.W.** period 7s fl. 0.5s, ec. 6.5s	131 **40**	**18**	Square white tower, black stripes; 27.	S. of rocks on mainland.
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° 15.0′ S 75° 15.0′ W	**F.R.**	25 **8**	3	Metal column; 10.	
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.
916 *G 2028*	**Punta San Juan.**	15° 21.7′ S 75° 10.9′ W	**Fl.(2)W.** period 20s fl. 0.4s, ec. 3.1s fl. 0.4s, ec. 16.1s	312 **95**	**19**	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° 52.6′ S 74° 14.2′ W	**Fl.(2+1)W.** period 20s fl. 0.4s, ec. 2.9s fl. 0.4s, ec. 6.3s fl. 0.4s, ec. 9.6s	489 **149**	**15**	White square tower, black bands; 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; 39.	
948 *G 2011*	-Islote Pan de Azucar.	16° 59.6′ S 72° 06.6′ W	**Fl.W.** period 3s fl. 1s, ec. 2s	33 **10**	7	Red iron framework tower; 19.	
951 *G 2013*	-Range, front.	16° 59.7′ S 72° 06.2′ W	**Q.G.**		5	Tower; 197.	
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; 220.	
	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			PERU				
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.	
976 *G 2010*	**Punta Islay.**	17° 00.9′ S 72° 06.8′ W	**Fl.(2)W.** period 10s	213 **65**	**19**	Red pyramidal tower, black bands; 20.	
	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; 23.	
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 truncated conical concrete tower; 44.	4 F.R. on old light-tower and radio masts 0.46 mile SSW. **Aero Radiobeacon** 2.3 miles S.
1040 *G 1969*	-Espigon de Atraque, NE. corner.	20° 12.2′ S 70° 09.4′ W	**F.R.**	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) RGR, tower; 16.	
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	**F.R.**		3	Red post, white bands, white triangular topmark; 18.	
1064 *G 1974.1*	--Rear, 43 meters 197° from front.	20° 12.7′ S 70° 09.3′ W	**F.R.**		3	Red post, white bands, white triangular topmark; 12.	
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°.
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**	7	White fiberglass pillar, red bands; 8.	Visible 330°-208°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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*	-Tocopilla Muelle Soquimich No. “2”.	22° 05.6′ S 70° 13.8′ W	**2 F.W.**	39 **12**	3	Metal post; 22.	Private on each side of head.
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°.
1098 *G 1953*	-Puerto Mejillones del Sur.	23° 05.7′ S 70° 27.1′ W	**Fl.G.** period 3s fl. 1s, ec. 2s	66 **20**	6	Balcony of Harbor Master′s office; 60.	Visible 038°-326°.
1100 *G 1954*	- -On tower.	23° 06.4′ S 70° 27.1′ W	**Q.R., F.R.**		6	Red iron framework tower, white bands; 100.	Obstruction. **Aero Radiobeacon.**
1108 *G 1952*	**Punta Angamos.**	23° 01.6′ S 70° 31.0′ W	**Fl.W.** period 10s fl. 0.3s, ec. 9.7s	358 **109**	14	White fiberglass tower, red band; 26.	Visible 036°-267°.
1112 *G 1948*	**Punta Tetas.**	23° 31.2′ S 70° 37.3′ W	**Fl.W.** period 18s fl. 0.6s, ec. 17.4s	108 **33**	**15**	White fiberglass tower, red bands; 26.	Visible 287°-166°.
1116 *G 1947.7*	Cerro Moreno AVIATION LIGHT.	23° 27.0′ S 70° 26.0′ W	**Al.Fl.W.G.** period 11s		W. 13 G. 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 *G 1947*	-Este, mole.	23° 38.7′ S 70° 24.4′ W	**Fl.G.** period 5s fl. 1s, ec. 4s	20 **6**	8	Green fiberglass tower; 13.	Visible 263°-260°.
1124 *G 1946*	**-Molo de Abrigo.**	23° 38.6′ S 70° 24.6′ W	**Fl.W.** period 5s fl. 0.3s, ec. 4.7s	59 **18**	**19**	White round concrete tower, red bands; 43.	Visible 010°-190°.
1126 *G 1947.2*	-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 *G 1947.3*	-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 *G 1940*	**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		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
1128 *G 1938*	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 *G 1937*	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 *G 1936*	**Punta Achurra.**	26° 17.9′ S 70° 39.7′ W	**Fl.W.** period 15s fl. 0.5s, ec. 14.5s	105 **32**	**15**	White fiberglass tower, red band; 26.	Visible 330°-150°.
	CHANARAL:						
1132 *G 1935*	-Muelle Mecanizado Santa Fe, Punta Piedra Blanca.	26° 21.0′ S 70° 39.0′ W	**F.R.**	82 **25**	4	Loading tower.	
1136 *G 1934.5*	-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 *G 1932*	**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 *G 1925.6*	Punta Caleta Range, front.	27° 03.3′ S 70° 50.1′ W	**F.R.G.**		2	Orange triangular daymark; 10.	Private light.
1143 *G 1925.61*	-Rear, 80 meters 225° from front.	26° 21.4′ S 70° 39.6′ W	**F.R.G.**		2	Orange triangular daymark; 10.	Private light.
	CALDERA:						
1144 *G 1926*	-Government wharf, head.	27° 03.8′ S 70° 49.6′ W	**Fl.G.** period 3s fl. 0.7s, ec. 2.3s	17 **5**	7	Green round fiberglass tower; 11.	
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.
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°. F.R. on jetty 0.5 mile SE.
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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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.	
1160 *G 1918*	**-Peninsula Guacolda.**	28° 27.8′ S 71° 15.3′ W	**L.Fl.W.** period 15s fl. 2s, ec. 13s	128 **39**	**20**	White fiberglass tower, red band; 26.	Visible 090°-320°.
1161 *G 1918.2*	-Marine Terminal No. “1”, Range, front.	28° 27.8′ S 71° 15.3′ W	**F.R.**			Mast, white square daymark, black ball; 16.	
1161.5 *G 1918.21*	- -No. “2”, rear, 30 meters 275° from front.	28° 27.8′ S 71° 15.3′ W	**F.G.**			Mast, white square daymark, black ball; 16.	
1162 *G 1918.4*	-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 *G 1918.39*	- -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.	
1162.7 *G 1918.41*	- -Rear, Anchorage No. “3”, 98 meters 197°39′ from front.	28° 28.2′ S 71° 15.1′ W	**F.G.**			Mast, white rectangular daymark, green ball.	
1162.8 *G 1918.5*	- -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.	
1163 *G 1919.1*	-Sta. Barbara Terminal Range, front.	28° 28.4′ S 71° 14.9′ W	**F.R.**			Metal tower, red diamond daymark; 33.	
1163.5 *G 1919.11*	- -Rear, 340 meters 131°04′ from front.	28° 28.5′ S 71° 13.9′ W	**2 F.G.**			Mast, white square daymark, green banded.	
1163.7	**Cordon del Espinazo** AVIATION LIGHT.	28° 28.7′ S 71° 15.6′ W	**F.R.**		**15**	Radio mast.	
1163.8 *G 1916.5*	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 *G 1916*	Isla Chanaral, W. side.	29° 01.5′ S 71° 35.0′ W	**Fl.W.** period 12s fl. 0.3s, ec. 11.7s	190 **58**	13	White round tower, red bands; 25.	Visible 010°-214°.
1166 *G 1906*	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 *G 1908*	-Punta Mostacilla.	29° 27.0′ S 71° 18.4′ W	**Fl.W.** period 5s	125 **38**	6	White fiberglass tower, red band; 26.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
1172 *G 1904*	Islotes Pajaros, southernmost islet.	29° 35.0′ S 71° 31.5′ W	**Fl.(2)W.** period 10s fl. 0.1s, ec. 3.2s fl. 0.1s, ec. 6.6s	131 **40**	11	ISOLATED DANGER BRB, tower; 13.	Obscured by N. islet 158°- 162°.
1176 *G 1900.5*	**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.	
1180 *G 1901*	-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 *G 1900*	**-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 *G 1896.7*	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.	Visible 309°-175°.
1192 *G 1897*	-Herradura Approach Range A, front, No. “1”.	29° 58.9′ S 71° 22.1′ W	**F.R.**	59 **18**	3	Red and white diagonally striped diamond on white square daymark; 16.	
1192.5 *G 1897.1*	- -Rear, No. “2”, about 304 meters 140° from front.	29° 59.1′ S 71° 20.9′ W	**F.G.**	108 **33**	3	Red and white diagonally striped diamond on white square daymark; 30.	
1193 *G 1898*	-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 *G 1898.1*	- -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 *G 1898.3*	-Anchorage Range C, front, No. “1”.	29° 58.2′ S 71° 22.2′ W	**F.R.**	36 **11**	3	Post, red and white diagonally striped diamond daymark; 16.	
1194.5 *G 1898.31*	- -Rear, No. “2”, about 672 meters 112° from front.	29° 58.4′ S 171° 20.8′ W	**F.G.**	39 **12**	3	2-post, red and white diagonally striped diamond daymark; 16.	
1195 *G 1898.5*	-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 *G 1898.49*	- -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 *G 1898.51*	- -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 *G 1898.7*	-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 *G 1898.71*	- -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 *G 1896.6*	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 *G 1896.5*	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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
1208 *G 1896*	**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 *G 1896.2*	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°.
1209 *G 1896.3*	-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 *G 1894*	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°.
1212 *G 1892*	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 *G 1891.3*	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 *G 1891*	-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 *G 1891.5*	Islote Penitente.	31° 52.4′ S 71° 34.5′ W	**Fl.(2)W.** period 10s fl. 0.5s, ec. 2.4s fl. 0.5s, ec. 6.6s	44 **14**	8	ISOLATED DANGER BRB, tower; 11.	
1216 *G 1890*	Isla Huevos, N. side of island.	31° 55.0′ S 71° 32.0′ W	**Fl.R.** period 10s fl. 0.5s, ec. 9.5s	62 **19**	7	Red round fiberglass tower; 13.	Visible 053°-071°, obsc.-076°, vis.-297°.
1222 *G 1883*	-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 *G 1883.1*	- -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 *G 1888.6*	*Mono (terminal) Lighted Buoy ENAP.*	32° 45.7′ S 71° 31.1′ W	**Iso.W.** period 2.4s			White conical buoy.	**Horn:** 1 bl. ev. 15s. **Radar reflector.** **Aero Radiobeacon** 3 miles NNE.
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	Muelle ENAP.	32° 46.2′ S 71° 29.5′ W	**F.R.**		4	Iron post, white disc daymark with two black discs superimposed; 34.	
	BAHIA DE QUINTERO:						
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° 46.8′ S 71° 31.5′ W	**Fl.(2)W.** period 10s fl. 0.5s, ec. 2.4s fl. 0.5s, ec. 6.6s	20 **6**	6	Black iron structure, red band; 17.	
1248 *G 1887.6*	-Muelle Fiscal.	32° 46.0′ S 71° 32.0′ W	**F.G.**	16 **5**	1	Metal post; 10.	Occasional.

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			CHILE				
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 Higuerilla.	32° 55.8′ S 71° 32.4′ W	**Fl.R.**	33 **10**	4	STARBOARD (B) R, tower; 11.	
1255 *G 1880*	**Punta Concon.**	32° 55.7′ S 71° 33.2′ W	**Fl.W.** period 12s fl., 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° 37.2′ W	**Fl.W.** period 3s fl. 0.4s, ec. 2.6s	39 **12**	**19**	White skeleton iron tower, red band; 23.	Visible 138°-125°.
			Fl.W. period 5s fl. 0.4s, ec. 4.6s	30 **9**	2		Visible 175°-077°.
1260 *G 1875*	**-Punta Duprat.**	33° 01.6′ S 71° 37.5′ W	**Fl.W.** period 5s fl. 0.2s, ec. 4.8s	69 **21**	**20**	White octagonal concrete tower, red band; 51.	Visible 335°-318°.
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°. **Siren:** 2 bl. ev. 30s. **Radiobeacon.**
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**	**16**	White metal tower, red band, dwelling; 11.	Visible 344°-244°. **Siren:** 3 bl. ev. 30s (bl. 2s, si. 3s, bl. 2s, si. 3s, bl. 2s, si. 18s).
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° 21.3′ S 71° 41.1′ W	**Fl.R.** period 10s fl. 0.5s, ec. 9.5s	115 **35**	7	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	**L.Fl.W.** period 8s fl. 3s, ec. 5s	61 **18**	11	Black round iron tower; 60.	Visible 186°-206°.

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			CHILE				
	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.W.** period 12s fl. 0.4s, ec. 11.6s	52 **16**	**19**	White metal tower, red band; 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.	
1300 *G 1859.31*	- -Rear, 85 meters 094° 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.	
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.	
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.**	52 **16**	2	Metal pillar, white triangular daymark, red stripe; 46.	Private light.
1310 *G 1859.1*	-Range, front.	33° 35.6′ S 71° 37.1′ W	**F.G.**	30 **9**	2	Metal pillar, red rectangular daymark, white band; 26.	Private light.
1310.5 *G 1859.11*	- -Rear, about 125 meters 164° from front.	33° 35.7′ S 71° 37.1′ W	**F.G.**	43 **13**	2	Metal pillar, red rectangular daymark, white band; 33.	Private light.
1312 *G 1860.2*	- -SW. corner.	33° 35.0′ S 71° 37.0′ W	**F.R.**	20 **6**	2	Metal post; 16.	
	ISLA ROBINSON CRUSOE:						
1328 *G 1855*	-Punta San Carlos.	33° 37.0′ S 78° 49.7′ W	**Fl.W.** period 12s fl. 0.3s, ec. 11.7s	36 **11**	13	White fiberglass tower, red band; 26.	Visible 180°-001°.
1330 *G 1856*	-Cumberland Bay.	33° 37.2′ S 78° 49.7′ W	**Fl.G.** period 5s fl. 1s, ec. 4s	16 **5**	6	Green metal framework tower; 10.	Visible 184°-279°.
1331	-Padre Bay.	33° 40.0′ S 78° 55.9′ W	**Fl.W.** period 5s fl. 0.4s, ec. 4.6s	20 **6**	8	White metal framework tower, red band; 10.	
1332 *G 1850*	**Punta Topocalma.**	34° 08.0′ S 72° 01.0′ W	**Fl.W.** period 10s fl. 0.3s, ec. 9.7s	387 **118**	**16**	White fiberglass tower, red band; 13.	Visible 347°-210°.
1336 *G 1846*	**Cabo Carranza.**	35° 33.4′ S 72° 36.8′ W	**Fl.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 Fl.R.
1340	Bahia Cobquecura.	36° 09.0′ S 72° 48.0′ W	**F.W.**		10		Several F.W. lights.
1344 *G 1797*	Morro Loberia.	36° 34.4′ S 72° 59.9′ W	**Fl.W.** period 10s fl. 0.5s, ec. 9.5s	262 **80**	9	White fiberglass tower, red band; 13.	Visible 332°-200°.
1348 *G 1798*	**Isla Quiriquina.**	36° 36.6′ S 73° 03.1′ W	**Fl.W.** period 10s fl. 0.2s, ec. 9.8s	295 **90**	**32**	White metal tower, red band; 23.	Visible 048°-015°. **Siren:** 2 bl. ev. 30s.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
1352 *G 1806*	-Punta Arenas.	36° 38.3′ S 73° 03.2′ W	**Fl.(3)W.** period 9s fl. 0.4s, ec. 1.6s fl. 0.4s, ec. 1.6s fl. 0.4s, ec. 4.6s	26 **8**	6	White metal mast, red bands; 21.	Visible 192°-035°.
1353 *G 1806.5*	-N. Measured Mile Range, front.	36° 37.8′ S 73° 03.0′ W	**F.W.**	57 **17**	13	White fiberglass tower, red band; 21.	Visible 301°30′-311°30′. Q.W. 3M shown to assist identification. Occasional.
1353.1 *G 1806.51*	--Rear, 620 meters 306°30′ from front.	36° 37.4′ S 73° 03.4′ W	**F.W.**	172 **52**	13	White fiberglass tower, red band; 21.	Visible 301°30′-311°30′. Occasional.
1354 *G 1806.6*	-S. Measured Mile Range, front.	36° 38.6′ S 73° 03.7′ W	**F.W.**	169 **52**	13	White fiberglass tower, red band; 21.	Visible 301°30′-311°30′. Q.W. 3M shown to assist identification. Occasional.
1354.1 *G 1806.61*	--Rear, 220 meters 306°30′ from front.	36° 38.4′ S 73° 03.9′ W	**F.W.**	179 **55**	13	White fiberglass tower, red band; 21.	Visible 301°30′-311°30′. Occasional.
1360 *G 1802*	-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 *G 1808*	-S. mole, head.	36° 38.7′ S 73° 03.8′ W	**Fl.W.** period 8s	16 **5**	6	Round metal post; 18.	Visible 255°-053°.
1376 *G 1833*	Penco mechanized pier, head.	36° 43.1′ S 73° 00.4′ W	**Fl.R.G.** period 2s fl. 0.4s, ec. 1.6s		R. 6 G. 4		G. E. side, R. W. side.
	TALCAHUANO:						
1384 *G 1820*	-Repair basin, breakwater, head.	36° 41.7′ S 73° 06.2′ 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	13 **4**	3	Red square metal towerr; 5.	
1385 *G 1823*	-Range, front, SE. of spit.	36° 42.5′ S 73° 06.3′ W	**F.R.**	65 **20**	11	Red metal tower; 5.	Occasional.
1385.5 *G 1823.5*	--Rear, about 40 meters 240° from front.	36° 42.5′ S 73° 06.3′ W	**F.G.**	85 **26**	11	Metal tower, red and green stripes, triangular daymark; 20.	Occasional.
1386 *G 1824*	-Range, front, E. side of pier.	36° 42.6′ S 73° 06.3′ W	**F.R.**	26 **8**	11	Metal tower, red and green stripes, triangular daymark; 20.	Occasional.
1386.5 *G 1824.1*	--Rear, about 420 meters 195° from front.	36° 42.9′ S 73° 06.4′ W	**F.G.**	98 **30**	11	Metal tower, red and green stripes, triangular daymark.	Occasional.
1388 *G 1821*	--W. breakwater, head.	36° 41.7′ S 73° 06.2′ 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**	3	Green metal tower; 5.	
1390 *G 1834*	-Puerto Lirquen, Muelle No. “1”.	36° 42.2′ S 72° 58.9′ W	**Fl.G.** period 3s fl. 0.3s, ec. 2.7s	31 **9**	5	Green round metal tower; 13.	Visible 070°-249°. Numerous lighted range beacons mark approaches to port and vicinity.
1391	--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; 13.	Visible 079°-258°.
1392 *G 1816*	-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	16 **5**	5	Red fiberglass tower; 12.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
1396 *G 1814*	**-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**	**16**	Black fiberglass tower, yellow band; 26.	**Radar reflector.**
	-RACON		**B(– • • •)** period 60s				
1399 *G 1821.5*	-Cabezo Muelle Fogonero.	36° 41.8′ S 73° 06.0′ W	**Fl.W.** period 5s fl. 0.4s, ec. 4.6s	20 **6**	6	White round metal tower, red bands.	Visible 267°-097°.
1400 *G 1812*	-Caleta Manzana, mole.	36° 41.3′ S 73° 06.0′ W	**Fl.R.** period 5s fl. 1s, ec. 4s	23 **7**	5	Red metal triangular tower; 14.	
	BAHIA SAN VINCENTE:						
1408 *G 1796*	**-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°. **Siren:** 3 bl. ev. 30s (bl. 3s, si. 2s, bl. 3s, si. 2s, bl. 3s, si. 17s).
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.	
1414 *G 1795.2*	-Aproximacion Sitio Norte 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.	
1414.5	- -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.	
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.	
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.	
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.	
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.	
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.	
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 triangular daymark, orange stripe; 46.	
1418 *G 1826*	-Aeronautical Light.	36° 46.2′ S 73° 03.7′ W	**Al.Fl.W.G.**				
1420 *G 1794*	**Punta Gualpen.**	36° 44.6′ S 73° 11.3′ W	**Fl.W.** period 5s fl. 0.2s, ec. 4.8s	154 **47**	**16**	White fiberglass tower, red bands; 17.	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**	**17**	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°.

(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°.
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°.
	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°.
1456 *G 1770*	-Range, front, 46 meters 080°30′ from Punta Lota Light.	37° 06.0′ S 73° 11.0′ W	**F.G.**	23 **7**	3	Iron post, white diamond topmark.	
1460 *G 1770.1*	--Rear, about 30 meters 333° from front.	37° 06.5′ S 73° 10.0′ W	**F.G.**	33 **10**	3	Iron post, white diamond topmark.	
1464 *G 1773*	-Coaling pier, head.	37° 06.0′ S 73° 10.0′ W	**F.R.G.R.** (vert.)	41 **12** 36 **11** 31 **9**	2	Wooden post.	
1468 *G 1771*	-Range, front.	37° 05.0′ S 73° 10.0′ W	**F.G.**	46 **14**	3	White beacon.	
1472 *G 1771.1*	--Rear, about 20 meters 033° from front.	37° 04.5′ S 73° 09.6′ W	**F.G.**	56 **17**	3	White beacon.	
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**	9	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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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°.
	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. 0.2s, ec. 9.8s	108 **33**	14	White fiberglass tower, red bands; 26.	Visible 205°-063°.
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**	5	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	164 **50**	13	White fiberglass tower, red band; 26.	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. 0.2s, ec. 2.8s	21 **6**	2	Red fiberglass pillar; 6.	
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**	8	Green fiberglass pillar; 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°.
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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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:** 2 bl. ev. 30s Signal station. **Radiobeacon.**
	-RACON		**O(– – –)**				
1556 *G 1678*	-Pinta Ahui, W. side of entrance to Bahia 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°.
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°.
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**	6	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**	9	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*	-Bahia 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.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
	SENO RELONCAVI:						
1596 *G 1714*	-Muelle Calbuco.	41° 46.1′ S 73° 07.6′ W	**Fl.G.** period 5s fl. 1s, ec. 4s	23 **7**	7	Green fiberglass tower; 11.	Visible 177°-339°.
1600 *G 1712*	-Punta Metrencue, Canal Calbuco.	41° 43.6′ S 73° 05.8′ W	**Fl.(3)W.** period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	16 **5**	6	White fiberglass tower, red bands; 13.	Visible 240°-030°.
1604 *G 1710*	-Paso Tautil.	41° 43.9′ S 73° 03.7′ W	**Fl.G.** period 5s fl. 0.4s, ec. 4.6s	39 **12**	4	Green triangular metal framework tower; 55.	
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**	7	White fiberglass tower, red band; 20.	Visible 168°-036°.
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**	4	Red iron post; 22.	
1624 *G 1702.2*	--Tenglo, E.	41° 28.9′ S 72° 57.5′ W	**Fl.G.** period 3s fl. 0.3s, ec. 2.7s	16 **5**	5	Green iron post; 17.	
1628 *G 1702.3*	--Costanera, W.	41° 28.9′ S 72° 57.6′ W	**Fl.R.** period 3s	19 **6**	4	Red metal beacon; 20.	
1632 *G 1702.4*	--Tenglo, W.	41° 29.0′ S 72° 57.6′ W	**Fl.G.** period 3s	19 **6**	4	Green metal beacon; 20.	
1633 *G 1703*	--Canal Tenglo Range, front.	41° 29.6′ S 72° 58.7′ W	**Fl.W.** period 5s fl. 0.4s, ec. 4.6s	23 **7**	14	White fiberglass tower, red bands; 11.	Visible 228°-236°.
1634 *G 1703.1*	---Rear, 20 meters 232° from front.	41° 29.6′ S 72° 58.7′ W	**Fl.W.** period 5s fl. 0.4s, ec. 4.6s	43 **13**	14	White fiberglass tower, red bands; 11.	Visible 228°-236°.
1636 *G 1700*	--Malecon de Atraque.	41° 29.0′ S 72° 58.0′ W	**Fl.R.** period 3s fl. 0.3s, ec. 2.7s	31 **9**	4	White fiberglass tower, red band; 13.	Visible 217°-272°.
	-Estuario de Reloncavi:						
1638 *G 1696.7*	--Caleta Puelche.	41° 44.3′ S 72° 39.0′ 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**	6	White fiberglass tower, red band; 11.	Visible 055°-180°.
1638.2 *G 1696.5*	--Caleta La Arena.	41° 41.3′ 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°.
1640 *G 1697*	--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 *G 1698*	--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	24 **7**	6	Orange metal framework structure on concrete base; 10.	Visible 330°-115°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
	GOLFO DE ANCUD:						
1652 *G 1694*	-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**	5	White fiberglass tower, red band; 13.	Visible 053°-178°.
1654	-Bajo Huelmo.	41° 39.4′ S 73° 02.6′ 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 *G 1684*	-Isla Tabon, near W. end.	41° 54.4′ 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 *G 1686*	-Banco Amnistia.	41° 57.7′ S 73° 07.3′ W	**Fl.(2)W.** period 10s fl. 0.5s, ec. 2.4s fl. 0.5s, ec. 6.6s	20 **6**	4	Black round metal piling, red band; 20.	**Radar reflector.**
1660 *G 1692*	-Isla Queullin, Paso Queullin, on sandy spit extending from Punta Huin.	41° 52.4′ S 72° 56.3′ W	**Fl.W.** period 15s	46 **14**	10	White round concrete tower with red band; 28.	Visible 326°-232°.
1662	-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 *G 1693*	-Banco San Jose.	41° 50.4′ S 72° 55.0′ 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	43 **13**	5	Red triangular metal framework tower, green band; 50.	
1668 *G 1688*	-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°.
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°.
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**	3	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; 10.	Visible 012°-343°.
1696 *G 1658*	-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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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; 10.	
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 round steel piling, red conical 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**	6	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°.
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 fl. 0.2s, ec. 0.8s fl. 0.2s, ec. 0.8s fl. 0.2s, ec. 0.8s fl. 0.2s, ec. 0.8s fl. 0.2s, ec. 0.8s fl. 0.2s, ec. 0.8s fl. 0.2s, ec. 0.8s fl. 0.2s, ec. 0.8s fl. 0.2s, ec. 6.8s	30 **9**	5	Yellow fiberglass column, black stripe on concrete base; 41.	
1748 *G 1647.7*	Punta Palqui, NE. end of Isla Quinchao.	42° 24.3′ S 73° 30.7′ W	**Fl.W.** period 10s	85 **26**	7	White fiberglass tower, black band; 13.	Visible 128°-048°.
1752 *G 1648*	-Achao, pier, root.	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**	5	White fiberglass tower, red band; 13.	Visible 129°-358°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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.	Obscured 097°-247°.
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	128 **39**	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° 38.7′ S 73° 31.6′ W	**Fl.W.** period 5s fl. 0.4s, ec. 4.6s	194 **59**	6	White concrete tower, red band; 18.	Visible 278°-174°.
1796 *G 1631*	-Huillo, E. side of entrance to Estero Pindo.	42° 37.0′ S 73° 30.2′ W	**Fl.G.** period 5s fl. 0.4s, ec. 4.6s	26 **8**	4	Green fiberglass tower; 18.	Visible 095°-125°.
1798	Caleta Cheguian.	42° 34.7′ 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° 25.0′ 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° 39.4′ 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°.
1808 *G 1625*	Tres Redes.	42° 37.6′ S 73° 18.0′ W	**Fl.(3)W.** period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	23 **7**	6	White fiberglass tower, red band; 11.	Visible 093°-277°.
1812 *G 1623.5*	Isla Chulin.	42° 36.9′ S 73° 03.7′ W	**Fl.W.** period 10s fl. 0.5s, ec. 9.5s	33 **10**	5	White fiberglass tower, red band; 13.	Visible 315°-176°.
1816 *G 1650*	Punta Tengo.	42° 37.2′ S 72° 51.5′ 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° 41.0′ S 73° 00.0′ W	**Fl.W.** period 5s fl. 0.4s, ec. 4.6s	20 **6**	5	White fiberglass tower, red band; 13.	
1824 *G 1622*	-Punta Chana.	42° 45.8′ S 72° 52.0′ 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**	7	White concrete tower with red band; 13.	Visible 344°-180°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
1826	-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°.
1828 *G 1620*	**-Punta Piedra Blanca.**	42° 54.7′ S 72° 43.2′ W	**Fl.W.** period 10s fl. 0.2s, ec. 9.8s	20 **6**	**17**	White fiberglass tower, red band; 13.	Visible 074°-122°. **Aero Radiobeacon** 0.8 mile SSE.
1836 *G 1610*	-Punta Chomio.	42° 52.9′ S 73° 27.9′ 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° 29.7′ 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 bands; 26.	Visible 141°-026°.
1856 *G 1604*	-Fiordo Huildad, on point, N. side of entrance.	43° 04.2′ S 73° 30.8′ W	**Fl.R.** period 5s fl. 0.4s, ec. 4.6s	39 **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 pillar, 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°.
1880 *G 1596*	-Isla Laitec, S. extremity.	43° 16.2′ S 73° 34.5′ W	**Fl.W.** period 5s fl. 0.5s, ec. 4.5s	95 **29**	13	White fiberglass tower, black band; 26.	Visible 186°-090°.
1884 *G 1590*	**Islas 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 bands; 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*	Melinca.	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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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 concrete pillar; 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° 16.0′ S 73° 23.8′ W	**Fl.(2)W.** period 10s fl. 0.5s, ec. 2.4s fl. 0.5s, ec. 6.6s	56 **17**	6	ISOLATED DANGER BRB, pillar, red band; 52.	
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°.
1922 *G 1575.8*	--N. end.	44° 22.8′ S 72° 36.2′ W	**Fl.W.** 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	**Fl.W.** period 10s fl. 0.5s, ec. 9.5s	52 **16**	7	White concrete tower with red bands; 13.	
1926 *G 1576.5*	-Canal Perez Sur, Isla Brieva.	44° 37.2′ S 73° 51.8′ W	**Fl.(3)W.** period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	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	**Fl.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° 32.4′ W	**Fl.(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	**Fl.W.** period 5s fl. 0.4s, ec. 4.6s	20 **6**	6	White fiberglass tower, red bands; 11.	Visible 083°-290°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
	-Canal Puyuguapi:						
1936 *G 1575.2*	- -Isla San Andres.	44° 56.2′ S 73° 19.8′ W	**Fl.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	**Fl.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	**Fl.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° 30.8′ 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**	6	White fiberglass tower, red band; 13.	Visible 029°-234°.
1952 *G 1574*	-Islote Eugenia.	44° 59.0′ S 73° 28.6′ W	**Fl.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	**Fl.W.** period 5s fl. 0.1s, ec. 4.9s	230 **70**	13	White truncated conical tower, orange bands; 23.	
1960 *G 1573.5*	-Islote Precaucion.	45° 09.5′ S 73° 29.9′ W	**Fl.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	**Fl.(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	**Fl.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° 41.2′ W	**Fl.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	**Fl.W.** period 10s fl. 0.5s, ec. 9.5s	20 **6**	8	White fiberglass tower, red bands; 11.	Visible 296°-216°.
	CANAL PILCOMAYO:						
1972 *G 1571*	-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° 19.5′ W	**Fl.W.** period 5s	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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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°.
1982.4 *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*	-Isla Luz, E. side.	45° 31.9′ S 73° 48.7′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	23 **7**	6	White fiberglass tower, red band; 13.	Visible 201°-031°.
1992 *G 1570*	-Islote Diego.	45° 40.0′ S 73° 52.0′ 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	33 **10**	7	White fiberglass tower, red band; 18.	Visible 191°-033°.
1996 *G 1570.6*	-Isla Raimapu.	45° 48.8′ S 73° 34.3′ W	**Fl.W.** period 5s fl. 0.4s, ec. 4.6s	29 **9**	7	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°.
	CANAL DARWIN:						
2004 *G 1569*	-Isla Mitahues.	45° 25.8′ S 73° 44.7′ 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; 20.	Visible 230°-096°30′.
2008 *G 1568.5*	-Islote del Pangal.	45° 27.1′ S 73° 49.8′ W	**Fl.(3)W.** period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	20 **6**	6	White fiberglass tower, red band; 13.	Visible 050°-250°.
2012 *G 1568.3*	-Punta Mayhew.	45° 27.0′ S 73° 55.7′ 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*	-Isla Maipo.	45° 27.1′ S 73° 55.5′ 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° 25.0′ S 74° 02.0′ 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*	-Isla Maracci.	45° 23.8′ S 74° 07.7′ 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**	5	White fiberglass tower, red bands; 13.	Visible 064°-297°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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 Ricado.	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°.
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.	
	-RACON		**O(– – –)**				
	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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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*	-Isla 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		**M(— —)**				
2056 *G 1555*	-Morro Cock.	48° 16.0′ S 74° 35.0′ W	**Fl.W.** period 10s fl. 0.7s, ec. 9.3s	46 **14**	7	White fiberglass tower, red band; 26.	Visible 356°-164°.
2060 *G 1554*	-Isla Middle, W. extremity.	48° 29.8′ S 74° 30.8′ W	**Fl.W.** period 5s fl. 0.5s, ec. 4.5s	66 **20**	8	White fiberglass tower, red band; 13.	Visible 332°-185°.
2064 *G 1552*	-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 1553*	-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, black band; 6.	**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. 1s fl. 0.3s, ec. 1s fl. 0.3s, ec. 1s fl. 0.3s, ec. 7.8s	36 **11**	8	White fiberglass tower, black 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; 13.	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; 13.	Visible 141°-327°.
2079 *G 1547.5*	-Cabo Nelson.	48° 40.4′ S 74° 27.5′ W	**Fl.R.** period 3s fl. 1s, ec. 2s	26 **8**	4	Red fiberglass tower; 13.	Visible 234°-065°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
2080 *G 1547*	-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 bands; 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; 21.	**Radar reflector.**
2087 *G 1546.7*	-Bajo Capac.	49° 07.5′ S 74° 24.5′ W	**Fl.(2)G.** period 6s fl. 0.3s, ec. 1s fl. 0.3s, ec. 4.4s	20 **6**	3	Green fiberglass tower; 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 tower, red stripes, red cone topmark; 18.	
2095 *G 1558.49*	-Punta Piedras.	49° 14.0′ S 75° 28.5′ W	**Fl.W.** period 10s fl. 0.2s, ec. 9.8s	59 **18**	14	White fiberglass tower, red bands; 13.	Visible 245°-080°.
	-RACON						
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	PORT (B) G, 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°.
	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 pillar, 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 bands; 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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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° 05.0′ S 74° 39.0′ W	**Fl.(4)W.** period 12s	20 **6**	5	White fiberglass tower, black band; 20.	Visible 106°-333°.
2132 *G 1534.8*	-Punta Squire.	50° 05.9′ S 74° 36.2′ W	**Fl.W.** period 5s fl. 0.4s, ec. 4.6s	29 **9**	7	White fiberglass tower, red band; 19.	Visible 039°-218°.
2134 *G 1534.5*	Cabo Primero.	49° 51.3′ S 75° 35.0′ 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° 01.2′ S 75° 04.2′ 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° 00.6′ S 75° 20.5′ W	**Fl.W.** period 10s fl. 0.3s, ec. 9.7s	105 **32**	14	White fiberglass tower, red bands; 13.	Visible 074°-152° and 167°-261°. **Radar reflector.**
	RACON		**T(–)** period 30s				
2144 *G 1534.2*	Isla Medio, Canal Trinidad.	50° 06.1′ S 74° 47.7′ W	**Fl.W.** period 5s fl. 0.4s, ec. 4.6s	52 **16**	7	White fiberglass tower, red band; 26.	Visible 313°-188°.
	CANAL CONCEPCION:						
2148 *G 1534*	-Isla Stratford, W. side of Estrecho de Concepcion.	50° 11.7′ S 74° 47.4′ W	**Fl.W.** period 10s fl. 0.5s, ec. 9.5s	82 **25**	7	White octagonal concrete tower, red band; 31.	Visible 220°-055°.
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 bands; 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 bands; 19.	Visible 330°-160°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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; 19.	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	26 **8**	7	White pillar, red band; 18.	Visible 330°-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 structure, 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 tower, red bands; 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**	7	White fiberglass tower, red band; 19.	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; 19.	Visible 340°-168°.
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; 13.	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 bands; 19.	Visible 171°-342°.
2212 *G 1509*	-Isla Piazzi.	51° 40.0′ S 74° 00.0′ W	**Fl.W.** period 10s fl. 0.5s, ec. 9.5s	52 **16**	10	White fiberglass tower, black band; 19.	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 round 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**	10	White tower, red band; 26.	Visible 300°-180°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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.	**Radar reflector.**
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 concrete tower, red band; 19.	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 bands; 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°.
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 bands; 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° 30.7′ S 73° 37.2′ 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**	3	Red square concrete tower; 12.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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° 37.6′ 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	-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 quadrangular concrete 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° 34.2′ S 73° 38.3′ W	**Fl.(2)G.** period 6s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s	20 **6**	6	Green concrete pillar; 13.	Visible 167°-020°.
2304 *G 1483*	-Islote Green, E extremity.	52° 36.0′ S 73° 41.0′ 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° 37.5′ S 73° 40.4′ 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° 42.9′ S 73° 47.2′ W	**Fl.G.** period 5s fl. 1s, ec. 4s	20 **6**	6	Green fiberglass tower; 13.	Visible 225°-037°.
2316 *G 1481*	-Islote Oscar.	52° 44.7′ 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**	**18**	Hexagonal concrete tower, orange and white bands; 18.	Obscured 266°-268°.
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 078°-209°.
2324 *G 1498*	**Grupo 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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°.
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	Red round tower; 10.	Visible 326°-151°.
2353.4 *G 1456.6*	--Punta Condor.	53° 21.8′ S 72° 30.9′ W	**Fl.W.** period 10s fl. 0.4s, ec. 9.6s	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; 10.	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**	3	Red round tower, green band; 10.	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; 10.	Visible 151°-326°.
2356 *G 1456*	-Islote Cohorn, Paso Tortuso.	53° 33.0′ S 72° 20.1′ W	**Fl.W.** period 10s fl. 0.5s, ec. 9.5s	40 **12**	8	White tower, red band; 27.	Visible 317°-127°.
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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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°.
	-Canal Gabriel:						
2373 *G 1447.33*	- -Punta Cono.	54° 07.1′ S 70° 50.5′ W	**Fl.R.** period 5s	164 **50**	6		Visible 000°-162°.
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°.
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 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°.
2384.6 *G 1447.7*	-Islas Clavel.	54° 25.2′ S 72° 00.0′ W	**Fl.W.** period 12s fl. 0.5s, ec. 11.5s	30 **9**	9	White metal tower, red band; 16.	Visible 240°-052°.
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**	4	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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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; 18.	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°.
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°.
2405 *G 1435.3*	-Bahia Catalina, N.	53° 05.8′ S 70° 52.3′ W	**Fl.R.** period 5s	20 **6**	3	Beacon.	
2406 *G 1435.31*	--S.	53° 05.9′ S 70° 52.3′ W	**Fl.G.** period 3s	10 **3**	2	Beacon.	
2408 *G 1435.4*	-Muelle Mardones.	53° 07.5′ S 70° 51.5′ W	**Fl.G.** period 5s	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. 1.3s, ec. 8.7s	59 **18**	**20**	White metal tower, 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	30 **9**	7	Black concrete pillar, yellow band on stern of hulk; 8.	Visible 113°-093°.
2424 *G 1434*	-Rio Seco.	53° 04.0′ S 70° 52.0′ W	**F.W.R.**	23 **7**	7		Occasional.
2426	**-Punta Arenas.**	53° 00.4′ S 70° 51.8′ W	**Fl.R.**		**27**		**Aero Radiobeacon.**
2444 *G 1426*	-Isla Contramaestre.	52° 56.7′ S 70° 21.6′ W	**Fl.W.** period 10s fl. 0.5s, ec. 9.5s	82 **25**	4	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	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; 25.	
2454 *G 1431*	-Isla Isabel Range, front.	52° 54.6′ S 70° 44.1′ W	**Fl.W.** period 5s fl. 0.5s, ec. 4.5s	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 square concrete tower, red band; 15.	Visible 303°-233°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
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; 33.	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°.
			M(– –)				
	-RACON		**period 48s**		**15**		
2476 *G 1422*	-Puerto Sara, mole, head.	52° 37.7′ S 70° 11.8′ W	**F.R.**	43 **13**	3	Iron post; 6.	Private light.
2484 *G 1420*	**-Punta Baxa.**	52° 34.9′ S 69° 36.3′ W	**Al.Fl.(6)W.Y.** period 30s W. fl. 0.4s, ec. 4.6s W. fl. 0.4s, ec. 4.6s W. fl. 0.4s, ec. 4.6s W. fl. 0.4s, ec. 4.6s Y. fl. 0.4s, ec. 4.6s Y. fl. 0.4s, ec. 4.6s	105 **32**	W. **17** Y. **16**	White fiberglass tower, red bands, blue base; 26.	Visible 015°-192°. **Radar reflector.**
2488 *G 1419*	-Bajo Satelite.	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(–)**		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 Direction.	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	Platform “PE-1”, RACON.	52° 20.8′ S 69° 05.2′ W	**T(–)** period 48s		14		
2526	-“PE-2”, RACON.	52° 22.0′ S 69° 04.9′ W	**M(– –)** period 48s		**15**		
2527 *G 1406.5*	-“PO-2”.	52° 19.0′ S 69° 03.9′ W	**Fl.R.** period 5s fl. 0.5s, ec. 4.5s	46 **14**	6		**Horn:** Mo.(U) 30s.
			Mo.(U)W. period 15s	46 **14**	10		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
2527.5 *G 1406*	-"SPN-2".	52° 24.1′ S 69° 04.7′ W	**Fl.G.** period 5s fl. 0.5s, ec. 4.5s	59 **18**	7		Mo.(U)W. 15s 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. **Horn:** Mo.(U) 30s.
			Mo.(U)W. period 15s	56 **17**	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°.
	BAHIA DESOLADA:						
2536 *G 1334.6*	-Cabo Atracadero.	54° 41.6′ S 71° 32.2′ W	**Fl.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	**Fl.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	**Fl.W.** period 10s fl. 0.3s, ec. 9.7s	262 **80**	9	White fiberglass tower, red band; 13.	Visible 090°-290°.
	RACON		**O(– – –)**		**15**		
2538 *G 1334.1*	Paso Occidental Islote Laberinto.	54° 45.0′ S 71° 25.7′ W	**Fl.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	**Fl.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	**Fl.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	**Fl.(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	**Fl.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	**Fl.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	**Fl.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	**Fl.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	**Fl.W.** period 10s fl. 1s, ec. 9s	20 **6**	9	White fiberglass tower, red band; 13.	Visible 112°-308°.
2558 *G 1333.2*	Islote Termino.	54° 53.2′ S 70° 17.6′ W	**Fl.G.** period 5s fl. 0.4s, ec. 4.6s	39 **12**	4	Green fiberglass tower; 10.	Visible 108°-074°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CHILE				
2560 *G 1333*	Islote Montenares.	54° 51.5′ S 70° 05.7′ W	**Fl.W.** period 5s fl. 0.5s, ec. 4.5s	43 **13**	7	White round tower, red band; 10.	
	CANAL THOMSON						
2561 *G 1333.1*	-Isla Maruja.	54° 55.0′ S 70° 13.5′ W	**Fl.W.** period 5s fl. 1s, ec. 4s	39 **12**	8	White fiberglass tower, red band; 13.	Visible 155°- 013°.
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	**Q.(9)W.** period 15s	39 **12**	6	W. CARDINAL YBY, fiberglass tower, topmark; 11.	Visible 177°-007° and 019°-051°.
	BEAGLE CANAL:						
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*	-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**	4	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 fiberglass tower, 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; 11.	Visible 333°-129°.
2568 *G 1330*	-Rocas Contramaestre 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	41 **13**	8	Red round fiberglass tower, white bands; 28.	
2572 *G 1329*	-Lapataia.	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.	
2574 *G 1332.5*	-Ventisquero Romanche.	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°.
2576 *G 1323*	-Paso Chico Range, front, E. end of Isla Dos Lomos.	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.	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.	
2580 *G 1325*	-Punta Observatorio.	54° 49.0′ S 68° 18.0′ W	**Fl.W.** period 2s	33 **10**	7	White truncated pyramidal tower, red bands; 26.	
2584 *G 1326*	-Muelle Gobernacion, extension, head.	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 bands; 16.	
2590 *G 1326.5*	-Muelle Laserre.	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.	54° 48.2′ S 68° 17.5′ W	**Iso.Bu.Y.** 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.	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.	54° 52.7′ S 68° 14.6′ W	**Q.(6)+L.Fl.W.** period 15s	102 **31**	4	S. CARDINAL YB, tower.	
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.(2)G.** period 6s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 3.5s	20 **6**	2	White metal pillar, green top; 10.	Visible 336°-241°.
2610 *G 1333.4*	-Islote Condor.	54° 53.0′ S 70° 20.0′ 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	85 **26**	5	Green fiberglass tower, red bands; 11.	Visible 294°-114°.
2616 *G 1323.6*	-Escarpados.	54° 49.1′ S 68° 11.2′ W	**Fl.W.** period 10s	194 **59**	6	Black truncated pyramidal tower, yellow bands, white double cone topmark; 33.	
2620 *G 1320*	-Islotes Les Eclaireurs.	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.	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.	54° 52.5′ S 67° 52.6′ W	**Q.(6)+L.Fl.W.** period 15s	102 **31**	8	S. CARDINAL YB, tower; 30.	**Radar reflector.**
2636 *G 1317.8*	-Punta Parana.	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	33 **10**	3	Red fiberglass pillar, triangular daymark; 18.	
2664 *G 1315*	-Direccion.	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:						
2668 *G 1314*	--W. end of island Range, front.	54° 53.3′ S 67° 32.4′ 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.	54° 53.3′ S 67° 32.7′ 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**	6	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	**L.Fl.W.** period 6s fl. 2s, ec. 4s	73 **22**	13	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° 54.8′ 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° 22.6′ 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.	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.(3)W.** period 14s fl. 0.3s, ec. 1s fl. 0.3s, ec. 1s fl. 0.3s, ec. 11.1s	151 **46**	6	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.(2+1)W.** period 14s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s fl. 0.3s, ec. 7.7s	10 **3**	5	Green fiberglass tower, red band; 10.	
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	187 **57**	12	White round iron tower, red bands; 23.	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° 40.8′ W	**Fl.W.** period 10s fl. 0.4s, ec. 9.6s	62 **19**	5	Metal framework tower; 33.	
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.
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	351 **107**	5	Yellow fiberglass tower, green base; 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°.
2766	Barrios Island, RACON.	63° 19.1′ S 57° 57.2′ W	**M(– –)** period 60s	66 **20**	10	White fiberglass beacon, red band.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ANTARCTICA				
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°.
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 column; 20.	
2799.71 *K 5006.41*	---Rear, 940 meters 086°30′ from front.	23° 08.4′ S 134° 54.5′ W	**Iso.G.** period 4s	59 **18**	6	White column, green base; 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	13 **4**	4	PORT (A) R, beacon, topmark; 36.	
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.	
	-Mururoa:						
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:						
2808 *K 5008*	--Passe Kaki, W. side.	18° 04.3′ S 141° 00.2′ W	**Fl.W.** period 4s fl. 1s, ec. 3s	49 **15**	9	Metal tower; 39.	
2812 *K 5008.2*	---E. side.	18° 04.3′ S 141° 00.0′ W	**Fl.R.** period 4s	49 **15**	5	Metal column; 39.	F.R. on radio masts 1.2 miles and 1.7 miles ENE.
	-Faaite:						
2813 *K 5003.1*	--Patatihi 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.	
2813.5 *K 5003.2*	---Tetaparia.	16° 42.0′ S 145° 20.6′ W	**Q.R.**	13 **4**	2	PORT (A) R, beacon; 19.	
2813.7 *K 5003.3*	---Peruhea.	16° 41.7′ S 145° 20.2′ W	**Fl.R.** period 2.5s	10 **3**	2	PORT (A) R, beacon; 19.	
2813.9 *K 5003.4*	---Teavatika.	16° 41.6′ S 145° 20.1′ W	**Q.W.**	10 **3**	4	N. CARDINAL BY, beacon, topmark; 19.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SOUTH PACIFIC ISLANDS				
2814 *K 5002*	--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 *K 5002.1*	---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 *K 5003*	--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 *K 5004*	**--Pouheva.**	16° 37.2′ S 143° 34.6′ W	**Fl.W.** period 5s	83 **25**	**18**	White column, red top; 75.	
	-Fakarava:						
2816.8 *K 5000.4*	**--Torea.**	16° 04.0′ S 145° 41.6′ W	**Fl.W.** period 5s	98 **30**	**19**	Red and white column; 92.	
2817 *K 5000.6*	--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 *K 5001*	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 *K 5001.2*	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 *K 5001.36*	--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 *K 5001.38*	---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 *K 5001.400*	--SW.	16° 30.6′ S 145° 27.8′ W	**Q.G.**	10 **3**	2	STARBOARD (A) G, beacon, topmark; 17.	
2817.55 *K 5001.6*	--N.	16° 30.3′ S 145° 27.8′ W	**Q.W.**	13 **4**	4	N. CARDINAL BY, beacon, topmark; 20.	
	-Raroia Atoll:						
2817.6 *K 5004.81*	--Ngarumaova channel.	16° 01.5′ S 142° 27.5′ W	**Q.G.**	13 **4**	2	STARBOARD (A) G, beacon; 19.	
2817.7 *K 5001.7*	--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 *K 5001.72*	--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 *K 5001.74*	--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 *K 5001.76*	--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 *K 5003.7*	--Passe Pakata Range, front.	16° 22.2′ S 144° 21.3′ W	**Iso.R.** period 4s	20 **6**	7	Red and white column; 23.	
2817.91 *K 5003.71*	---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 *K 5004.65*	--NE.	16° 22.0′ S 144° 21.2′ W	**Q.R.**	13 **4**	2	PORT (A) R, beacon, topmark; 20.	
2817.95 *K 5004.645*	--S.	16° 22.1′ S 144° 21.2′ W	**Fl.R.** period 2.5s	13 **4**	2	PORT (A) R, beacon, topmark; 20.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SOUTH PACIFIC ISLANDS						
	-Toau Atoll:						
2817.96 *K 5000.2*	--Passe Otugi Range, front.	15° 55.8′ S 145° 55.0′ W	**Iso.W.** period 4s	20 **6**	6	White beacon; 20.	
2817.97 *K 5000.21*	---Rear, 242°48′ from front.	15° 55.9′ S 145° 55.1′ W	**Iso.W.** period 4s	33 **10**	8	White beacon; 37.	Synchronized with front.
2817.98 *K 5000.3*	--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 *K 5000.31*	---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 *K 4988*	**--Mota Maherehonae.**	14° 55.5′ S 147° 51.2′ W	**Fl.W.** period 5s	98 **30**	**20**	White pylon; 92.	
2820 *K 4993*	--Passe Tiputa Range, front.	14° 58.8′ S 147° 38.1′ W	**Iso.G.** period 4s	33 **10**	5	White beacon; 33.	
2824 *K 4993.1*	---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 *K 4994*	--Tiputa Village.	14° 58.8′ S 147° 37.8′ W	**Q.R.**	13 **4**	2	PORT (A) R, beacon; 20.	
2832 *K 4990*	--Passe Avatoru Range, front.	14° 57.0′ S 147° 42.8′ W	**Iso.W.** period 4s	33 **10**	7	White beacon; 36.	
2836 *K 4990.1*	---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 *K 4992*	--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 *K 4998.52*	--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 *K 4998.53*	--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 *K 4998.54*	---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 *K 4998.55*	---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 *K 4998.56*	---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 *K 4998.57*	--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 *K 4998.58*	---Anchorage.	14° 31.8′ S 146° 21.6′ W	**Q.G.**	10 **3**	2	STARBOARD (A) G, beacon, topmark; 16.	
2841.16 *K 4998.59*	---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 *K 4998.6*	----N.	14° 32.2′ S 146° 21.5′ W	**Q.R.**	13 **4**	4	PORT (A) R, beacon, topmark; 19.	
2841.18 *K 4998.61*	--Motu Tamarahi.	14° 27.3′ S 146° 19.5′ W	**Q.G.**	16 **5**	3	STARBOARD (A) G, beacon, topmark; 23.	
2841.19 *K 4998.62*	---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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SOUTH PACIFIC ISLANDS				
2841.2 *K 4998.63*	---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 *K 4998.64*	---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 *K 5020*	--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 *K 5020.1*	---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 *K 5025*	--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 *K 5025.1*	---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 *K 5058*	-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 R. 6 G. 6	White concrete structure; 10.	G.-313°30′-332°30, W.-339°30′, R.-358°30′.
2848 *K 5060*	--Taa Huku Bay.	9° 48.5′ S 139° 01.1′ W	**Q.G.**	23 **7**	3		
2850 *K 5057*	-Baie de Vaipaee Pointe Matatehotu, Ua-Huka.	8° 56.7′ S 139° 33.9′ W	**Fl.G.** period 2.5s		3		
2852 *K 5053*	-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 R. 6 G. 6	White pylon; 39.	G.-347°30′-357°30′, W.-000°30′, R.-010°30′.
2856 *K 5052*	--Fort Collet.	8° 55.8′ S 140° 04.8′ W	**Q.(3)R.G.** period 6s	95 **29**	R. 2 G. 4	White structure, black top; 16.	R. shore-010°, G.-100° (marks anchorage area), R.-shore.
	ILES DE LA SOCIETE (F.):						
	-Tahiti:						
2860 *K 4952*	**--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 *K 4952.25*	--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 *K 4952.7*	--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 *K 4952.71*	---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 *K 4952.8*	--Pointe Iriti.	17° 31.4′ S 149° 32.8′ W	**V.Q.(6)+L.Fl.W.** period 10s	13 **4**	5	S. CARDINAL YB, beacon, topmark; 16.	
	--Taunoa Channel:						
2864 *K 4953*	---Beacon.	17° 31.3′ S 149° 33.2′ W	**Fl.G.** period 2.5s	13 **4**	4	STARBOARD (A) G, beacon, topmark; 13.	
2868 *K 4953.4*	---Beacon.	17° 31.4′ S 149° 33.3′ W	**Fl.R.** period 2.5s	13 **4**	3	PORT (A) R, beacon, topmark; 13.	
2872 *K 4953.8*	---Beacon.	17° 31.5′ S 149° 33.4′ W	**Q.G.**	10 **3**	3	STARBOARD (A) G, beacon, topmark; 16.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SOUTH PACIFIC ISLANDS				
2876 *K 4954*	---Beacon.	17° 31.5′ S 149° 33.6′ W	**Fl.G.** period 2.5s	10 **3**	3	STARBOARD (A) G, beacon, topmark; 16.	
2880 *K 4954.2*	---Beacon.	17° 31.5′ S 149° 33.9′ W	**Q.R.**	10 **3**	2	PORT (A) R, beacon, topmark; 16.	
2882	---Beacon.	17° 31.6′ S 149° 34.0′ W	**Fl.R.** period 2.5s	7 **2**	3	PORT (A) R, beacon, 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.
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 Soaotoi.	17° 32.6′ S 149° 35.1′ W	**Fl.G.** period 2.5s	19 **6**	5	STARBOARD (A) G, beacon, topmark; 23.	
2904 *K 4958.3*	--S. side of Recif Soatoi.	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.**	10 **3**	3	STARBOARD (A) G, beacon, topmark.	
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	10 **3**	3	PORT (A) R, beacon, topmark.	
2920 *K 4959*	---“A2”, on reef.	17° 32.3′ S 149° 34.9′ W	**Fl.R.** period 2.5s	19 **6**	5	PORT (A) R, beacon, topmark; 26.	
2922 *K 4958.6*	----N.	17° 32.3′ S 149° 34.9′ W	**Q.W.**	8 **2**	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.**	7 **2**	2	Red beacon.	
2926.3	---N.	17° 32.7′ S 149° 35.8′ W	**Fl.G.** period 2.5s	8 **2**	2	STARBOARD (A) G, beacon, topmark.	
2926.5 *K 4965.25*	---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 *K 4965.6*	--Passe de Taapuna Range, front.	17° 36.2′ S 149° 37.2′ W	**Q.R.**	16 **5**	4	Beacon, red square daymark.	
2932 *K 4965.61*	---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 *K 4966.8*	--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.	

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			SOUTH PACIFIC ISLANDS				
2933.1 *K 4966.81*	---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 *K 4966.9*	--Taravao.	17° 43.2′ S 149° 18.3′ W	**Fl.G.** period 2.5s	7 **2**	3	STARBOARD (A) G, beacon, topmark; 16.	
2936 *K 4966*	--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 *K 4966.1*	---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 *K 4967*	--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 *K 4968.65*	--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 *K 4968.96*	--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 *K 4969*	--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 *K 4969.1*	---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 *K 4969.3*	--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 *K 4969.35*	--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 *K 4969.4*	--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 *K 4969.45*	--Beacon.	16° 43.1′ S 151° 02.1′ W	**Q.(3)W.** period 10s	14 **4**	4	E. CARDINAL BYB, beacon, topmark.	
2949 *K 4969.48*	--Point Ofaiorio, NW.	16° 43.2′ S 151° 02.1′ W	**Q.G.**	14 **4**	2	STARBOARD (A) G, beacon, topmark; 40.	
2949.2 *K 4969.5*	--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 *K 4969.51*	---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 *K 4969.6*	--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.	
2949.8 *K 4969.65*	--N. side.	16° 43.6′ S 151° 02.5′ W	**V.Q.(6)+L.Fl.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	**Fl.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° 45.0′ S 151° 26.0′ W	**Oc.R.** period 4s	39 **12**	7	White metal structure, white daymark, red stripe; 43.	

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	SOUTH PACIFIC ISLANDS						
2956 *K 4970.1*	---Rear, 280 meters 269° from front.	16° 44.6′ S 151° 26.2′ W	**Oc.R.** period 4s	85 **26**	9	White metal structure, white daymark, red stripe; 26.	Synchronized with front.
2957 *K 4970.3*	--Ile Ofetaro, N. end.	16° 44.6′ S 151° 25.2′ W	**Fl.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	**Fl.R.** period 2.5s fl. 0.5s, ec. 2s	10 **3**	3	PORT (A) R, beacon, topmark; 20.	
2959.5 *K 4970.7*	--Pointe Tonoi, NE.	16° 44.1′ S 151° 25.8′ W	**Fl.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	**Fl.(2)G.** period 6s	13 **4**	3	STARBOARD (A) G, beacon, topmark; 16.	
2969 *K 4971.32*	--Pointe Ofaiputuputu.	16° 43.4′ S 151° 26.5′ W	**Fl.R.** period 2.5s fl. 0.5s, ec. 2s	10 **3**	3	PORT (A) R, beacon, topmark; 36.	
2969.5 *K 4971.33*	--Beacon.	16° 43.2′ S 151° 26.8′ W	**Q.R.**	10 **3**	2	PORT (A) R, beacon, topmark; 36.	
2970 *K 4971.34*	--Passage Tearearahi.	16° 42.7′ S 151° 27.5′ W	**Fl.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	**Fl.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	**Fl.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	**Fl.G.** period 2.5s	23 **7**	6	White tower; 23.	Synchronized with front.
2977 *K 4971.6*	--Pointe Tenape.	16° 44.7′ S 151° 29.3′ W	**Fl.R.** period 2.5s fl. 0.5s, ec. 2s	10 **3**	4	PORT (A) R, beacon, topmark; 16.	
2977.5 *K 4971.65*	--Pointe Oporo.	16° 43.7′ S 151° 28.8′ W	**Fl.R.** period 4s fl. 1s, ec. 3s	10 **3**	5	PORT (A) R, beacon, topmark; 16.	
	-Tahaa:						
	--Passe de Paipai:						
2980 *K 4973.01*	---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 *K 4973.02*	----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 *K 4973.2*	---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 *K 4973.4*	---W. side.	16° 39.8′ S 151° 32.3′ W	**Fl.(4)R.** period 10s	20 **6**	5	PORT (A) R, beacon, topmark; 20.	

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			SOUTH PACIFIC ISLANDS				
2980.3 *K 4973.6*	--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 *K 4973.8*	--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 *K 4974*	--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 *K 4974.2*	--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 *K 4974.6*	--Recif Terahueve.	16° 42.0′ S 151° 28.1′ W	**Q.W.**	10 **3**	4	N. CARDINAL BY, beacon, topmark; 20.	
2980.8 *K 4974.7*	---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 *K 4975*	--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 *K 4975.2*	--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 *K 4975.4*	--Pointe Tepane.	16° 39.7′ S 151° 26.6′ W	**Q.R.**	10 **3**	2	PORT (A) R, beacon, topmark; 20.	
2981.1 *K 4975.6*	--Pointe Para.	16° 39.3′ S 151° 26.2′ W	**Q.W.**	10 **3**	5	N. CARDINAL BY, beacon, topmark; 23.	
2981.2 *K 4975.8*	--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 *K 4976*	--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 *K 4976.2*	--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 *K 4976.4*	--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 *K 4976.6*	--Pointe Matahira.	16° 37.2′ S 151° 25.8′ W	**Q.R.**	10 **3**	2	PORT (A) R, beacon, topmark; 13.	
2981.37 *K 4976.8*	---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 *K 4977*	--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 *K 4977.2*	--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 *K 4977.4*	--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 *K 4977.5*	---W. side.	16° 34.3′ S 151° 28.4′ W	**Q.R.**	10 **3**	2	PORT (A) R, beacon, topmark; 26.	
2981.52 *K 4977.7*	---NW. side.	16° 34.2′ S 151° 28.5′ W	**Fl.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	**Fl.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	**Fl.R.** period 2.5s	7 **2**	3	PORT (A) R, beacon, topmark; 10.	
2981.6 *K 4978.6*	--Pointe Ravoi.	16° 34.6′ S 151° 30.8′ W	**Q.W.**	7 **2**	5	N. CARDINAL BY, beacon, topmark; 13.	

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			SOUTH PACIFIC ISLANDS				
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	**Fl.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	**Fl.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	**Fl.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	**Fl.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	**Fl.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	**Fl.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	**Fl.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	**Fl.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	**Fl.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	**Fl.(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	**Fl.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.	
3001.2 *K 4983.74*	--NE.	16° 28.6′ S 151° 42.6′ W	**Q.(3)W.** period 10s	10 **3**	4	E. CARDINAL BYB, beacon, topmark; 16.	
3001.3 *K 4983.72*	--E.	16° 28.7′ S 151° 42.7′ W	**Q.R.**	10 **3**	3	PORT (A) R, beacon, topmark; 16.	
3001.4 *K 4983.76*	--ENE.	16° 28.6′ S 151° 42.6′ W	**Q.G.**	10 **3**	2	STARBOARD (A) G, beacon, topmark; 16.	
3002 *K 4984.2*	--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 *K 4983.8*	--Tianoa.	16° 28.9′ S 151° 42.6′ W	**Fl.G.** period 4s	10 **3**	3	STARBOARD (A) G, beacon, topmark; 16.	
3002.2 *K 4984*	--Tuiahora.	16° 29.4′ S 151° 42.4′ W	**Fl.G.** period 2.5s	13 **4**	4	STARBOARD (A) G, beacon, topmark; 16.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SOUTH PACIFIC ISLANDS				
3003 *K 4984.4*	--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 *K 4968.17*	**-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 *K 4968.2*	**--Pointe Aroa.**	17° 28.5′ S 149° 46.5′ W	**Fl.W.** period 5s fl. 0.3s, ec. 4.7s	75 **23**	**15**	White pylon; 72.	**Aero.** **Radiobeacon** close SE.
	-Moorea:						
3009 *K 4968*	--Pointe Paveau Range, front.	17° 29.5′ S 149° 49.0′ W	**Oc.R.** period 4s	165 **50**	4	White metal pylon, red bands; 39.	
	-Moorea:						
3009.5 *K 4968.1*	---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.
	-Moorea:						
3015 *K 4968.13*	--Paopao Range, front.	17° 30.1′ S 149° 49.4′ W	**Iso.W.** period 4s	17 **5**	4	White pylon, red bands; 19.	
	-Moorea:						
3015.5 *K 4968.14*	---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.
	-Moorea:						
3016 *K 4968.12*	--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 *K 4968.15*	--"Paopao".	17° 30.4′ S 149° 49.2′ W	**Q.R.**	13 **4**	3	Red beacon.	
3020 *K 4968.3*	--Vaiare Range, front.	17° 31.5′ S 149° 46.4′ W	**Iso.R.** period 4s	26 **8**	7	White column, red stripe; 26.	
	-Moorea:						
3021 *K 4968.31*	---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.
	ILES DE LA SOCIETE (F.):						
	-Moorea:						
3021.2 *K 4968.25*	--Point Ofairau.	17° 31.2′ S 149° 46.5′ W	**Q.G.**	16 **5**	4	STARBOARD (A) G, beacon, topmark; 20.	
	-Moorea:						
3021.5 *K 4968.5*	--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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SOUTH PACIFIC ISLANDS						
	-Moorea:						
3024 *K 4968.6*	---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.	
	-Moorea:						
3024.2 *K 4968.91*	--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 *K 4968.92*	---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.
	ILES DE LA SOCIETE (F.):						
3025 *K 4968.4*	**--Pointe Paroa.**	17° 36.3′ S 149° 49.0′ W	**Fl.(3)W.** period 15s	43 **13**	**18**	White column with red band; 43.	
	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° 11.9′ S 159° 46.2′ W	**F.R.**		2	Post, red diamond daymark.	Occasional.
3056 *K 4552.1*	---Rear, 18 meters 177°43′ from front.	21° 11.9′ S 159° 46.2′ W	**F.R.**		2	Red post, white square daymark.	Occasional.
3060 *K 4559*	--Avatiu Harbor Range, front.	21° 11.8′ S 159° 46.8′ W	**F.G.**	20 **6**		White triangular daymark; 30.	
3064 *K 4559.1*	---Rear, 50 meters 193°01′ from front.	21° 11.9′ S 159° 46.8′ W	**F.G.**	39 **12**	2	White triangular daymark; 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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SOUTH PACIFIC ISLANDS				
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		
3120 *K 4603*	---Wharf, head.	13° 49.2′ S 171° 45.8′ W	**Fl.R.** period 4s	11 **3**	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	**F.R.**	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	**F.R.**	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SOUTH PACIFIC ISLANDS				
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.	
3155 *K 4761.2*	-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 *K 4761.3*	--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 *K 4761.35*	--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 *K 4761.5*	--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 *K 4761.55*	--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 *K 4656*	--Alofi, S. of jetty Range, front.	19° 03.0′ S 169° 55.0′ W	**F.R.**	39 **12**	5	Beacon, white triangular daymark, orange bands.	
3160 *K 4656.1*	---Rear, about 45 meters 123° from front.	19° 03.1′ S 169° 55.3′ W	**F.R.**	79 **24**	5	Beacon, white triangular daymark, orange bands.	
3164 *K 4660*	--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 *K 4622*	--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 *K 4623*	--Neiaiu Range, front.	18° 38.9′ S 173° 59.7′ W	**Q.R.**		4		
3176 *K 4623.1*	---Rear, 410 meters 065°30′ from front.	18° 38.9′ S 173° 59.7′ W	**Iso.R.** period 6s		4		
3180 *K 4624*	--Foiata.	18° 42.9′ S 174° 08.4′ W	**Q.(3)W.** period 10s	195 **59**	10	Steel tower.	Visible 225°-072° and 106°154°. *Reported extinguished (1983).*
	-Ha'Apai Group:						
3182 *K 4628*	--Ha'ano Island, Muitoa Point.	19° 38.7′ S 174° 18.1′ W	**Fl.(2)W.** period 10s	39 **12**	10	Framework tower; 30.	
3184 *K 4630*	--Lifuka, Hakau Muikuku.	19° 46.0′ S 174° 22.0′ W	**Fl.R.** period 6s	22 **7**	4	Metal mast, round concrete base; 22.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SOUTH PACIFIC ISLANDS				
3184.5 *K 4630.5*	--Hakau Mataleingale.	19° 47.0′ S 174° 21.7′ W	**Q.(3)G.** period 6s	20 **6**	4	Pile.	
3184.7 *K 4631*	--Pukefeo.	19° 47.3′ S 174° 21.6′ W	**Fl.W.** period 3s	20 **6**	4	Pile.	
3185 *K 4631.5*	--Hakau Vonu.	19° 48.1′ S 174° 21.6′ W	**Fl.G.** period 3s	20 **6**	4	Pile.	
3192 *K 4632*	--Hakau Loa, N. end.	19° 48.4′ S 174° 22.6′ W	**Fl.G.** period 5s	20 **6**	4	Pile.	
3194 *K 4635*	--Kito Reef, Uoleva Island.	19° 50.1′ S 174° 25.4′ W	**Fl.W.** period 5s	20 **6**	6	Pile.	
3194.2 *K 4636*	--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 *K 4636.5*	--Tatafa Island.	19° 52.1′ S 174° 25.9′ W	**Fl.G.** period 5s	20 **6**	5	Pile.	
	-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.	
3218 *K 4646.5*	--Tukafa Range, front.	21° 04.0′ S 175° 14.6′ W	**Q.R.**	20 **6**	4		
3218.5 *K 4646.51*	---Rear, 236° from front.	21° 04.2′ S 175° 15.3′ W	**Iso.R.** period 3s	29 **9**	4	Aluminum tower.	
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.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SOUTH PACIFIC ISLANDS						
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.	
3232 *K 4649.3*	--Boat harbor, E. mole.	21° 08.2′ S 175° 11.0′ W	**Fl.R.** period 4s	16 **5**			
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.**				
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		
3236 *K 4649*	--Queen Salote Wharf.	21° 08.0′ S 175° 11.0′ W	**F.R.**	48 **15**	3	Mast.	On request.
3240 *K 4644*	--Niu Aunofo.	21° 04.0′ S 175° 20.0′ W	**Fl.(2)W.** period 10s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 7.2s	144 **44**	10	Aluminum tower; 89.	
	-Eua Island:						
3245 *K 4654.7*	--Ohonua.	21° 20.4′ S 174° 57.3′ W	**Oc.R.** period 4s lt. 3s, ec. 1s		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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			FIJI ISLANDS				
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 40° from front.	17° 49.7′ S 179° 25.0′ E	**F.W.**		5	White post.	Shown on request.
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.W.**	10 **3**	5	White post; 20.	Shown on request.
3324 *K 4734.1*	-Rear, about 70 meters 138° from front.	17° 57.0′ S 179° 16.0′ E	**F.W.**	40 **12**	5	White post; 20.	
				12 **4**			
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.G.** (neon)	48 **15**	7	Church tower.	Green neon cross.
3340 *K 4722.1*	- -Rear, 250 meters 263°08′ from front.	17° 40.8′ S 178° 50.2′ E	**F.G.** (neon)	100 **30**	11	Post.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			FIJI ISLANDS				
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° 08.0′ S 178° 26.0′ E	**F.G.**			Concrete mast.	Vertical neon stripe.
3380 *K 4686.1*	---Rear, 200 meters 102°25′ from front.	18° 07.9′ S 178° 25.8′ E	**F.G.**			Concrete mast.	Vertical neon stripe.
3384 *K 4687*	--Hospital.	18° 08.0′ S 178° 26.0′ E	**F.R.**			Flagstaff on Hospital roof.	
3388 *K 4684*	--Tamavua, S. end of reef N. of Walu Creek.	18° 07.0′ S 178° 26.0′ 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	**F.R.**	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	**F.R.**	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° 08.0′ S 178° 25.0′ E	**Fl.W.** 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° 24.0′ E	**Fl.R.** period 3s	6 **2**	3	Pile, black topmark.	
3412 *K 4676*	--Near SE. extremity of W. reef at entrance	18° 08.6′ S 178° 23.8′ E	**Fl.W.** period 3s fl. 0.3s, ec. 2.7s	30 **9**	5	White concrete tower, red band, surmounted by white round tower; 33.	**Radar reflector.**
3416 *K 4673*	--E. side.	18° 07.2′ S 178° 24.0′ E	**Q.Y.**	18 **5**	5	White beacon.	
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° 55.3′ S 177° 12.7′ E	**Fl.W.** period 5s	36 **11**	10	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.Fl.W.G.** period 3.8s	141 **43**		Control tower; 75.	Occasional.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			FIJI ISLANDS				
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.	
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*	**Vatoa.**	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. 8 R. 6 G. 6	Metal framework tower; 65.	W. 262°-270°, G.-321°, W.-325°, R.-262°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW HEBRIDES				
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**		Beacon, white round daymark.	Occasional.
3532 *K 4866.1*	- -Rear 319° from front.	16° 08.4′ S 168° 07.0′ E	**F.W.**			Beacon, white round daymark.	Occasional.
3536 *K 4867*	-Craig Point.	16° 16.0′ S 167° 55.0′ E	**Fl.W.** period 5s	62 **19**	10	White metal framework tower; 20.	*Reported extinguished (June 1984).*
	EPI:						
3540 *K 4862*	-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 *K 4854*	-Port-Vila Range, front.	17° 44.2′ S 168° 18.9′ E	**F.R.**	131 **40**	9	Orange tower, orange triangular daymark.	
3556 *K 4854.1*	- -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 *K 4858*	-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 *K 4855*	-Pointe Mele AVIATION LIGHT.	17° 41.7′ S 168° 16.0′ E	**Iso.G.** period 4s	49 **15**	7	Wood mast.	
3568 *K 4855.5*	- -AVIATION LIGHT, 1.5 miles NNW.	17° 40.2′ S 168° 15.3′ E	**Iso.R.** period 4s	617 **188**	7	Wood mast.	
3572 *K 4852*	-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 *K 4847*	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.	*Temporarily extinguished (1987).*
3580 *K 4849*	Tanna Island, Lenakel.	19° 32.0′ S 169° 15.0′ E	**Fl.(2)W.** period 10s	30 **9**	8	White metal framework tower; 20.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW CALEDONIA				
	ILES LOYAUTE (LOYALTY ISLANDS):						
3584 *K 4834*	**-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 *K 4835*	-Port de We, front.	20° 55.0′ S 167° 16.7′ E	**Fl.W.** period 4s	10 **3**	6	White post.	
3585.5 *K 4835.1*	- -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 *K 4835.2*	-Musoir.	20° 54.9′ S 167° 16.9′ E	**Q.R.**	27 **8**	4	Red and white tower; 16.	
3587 *K 4836*	-Port de Tadine, breakwater, head.	21° 32.8′ S 167° 52.6′ E	**Fl.G.** period 4s	27 **8**	4		
3589 *K 4838*	-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.
	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, point Light Range, 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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW CALEDONIA				
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°.
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.**	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 4808*	-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°.
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.	
	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW CALEDONIA				
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.	
3660.9 *K 4821*	-Recif du Prony, No. “4”.	22° 16.3′ S 166° 19.8′ E	**Fl.(2)R.** period 6s	16 **5**	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 **8**	**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 **95**	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 **30**	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 **6**	4	PORT (A) R, beacon, topmark.	
3676 *K 4816*	**-Petit Passe.**	22° 16.7′ S 166° 26.3′ E	**Dir.Q.W.**	151 **46**	**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 **62**	**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 **7**	4	PORT (A) R, beacon, topmark.	
3681.2 *K 4816.24*	-Pointe de l'Artillerie.	22° 17.1′ S 166° 25.6′ E	**Fl.(2)G.** period 6s	20 **6**	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 **7**	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 **6**	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 **5**	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.	
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 **5**	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 **9**	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 **24**	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 **6**	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 **6**	4	PORT (A) R, articulated beacon, topmark.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW CALEDONIA				
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.	
	NORFOLK ISLAND:						
3740 *K 4528*	-**Mount Pitt** AVIATION LIGHT.	29° 01.0′ S 167° 55.0′ E	**Al.Fl.W.G.** period 7.4s W. fl. 0.2s, ec. 3.5s G. 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 *K 4547*	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 *K 4547.4*	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 *K 4547.41*	-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 *K 4545*	Somes Point.	43° 50.0′ S 176° 53.0′ W	**Fl.(4)W.** period 15s fl. 0.1s, ec. 1.1s fl. 0.1s, ec. 1.1s fl. 0.1s, ec. 1.1s fl. 0.1s, ec. 11.1s	128 **39**	9	Aluminum tower; 13.	
3768 *K 4543*	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 *K 4541*	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 *K 4547.7*	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 *K 4547.71*	-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 *K 4549*	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 *K 3686*	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 *K 3688*	**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 *K 3690*	**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 *K 3690.4*	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 *K 3690.6*	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.	
3816 *K 3696*	Rangikapete, Mangonui.	35° 00.0′ S 173° 31.5′ E	**Fl.W.R.** period 5s	173 **53**	W. 11 R. 7	White metal post on shed; 10.	W. 067°-136°, R.-146°, W.-171°, R.-179°, obscured elsewhere.
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**	2	ISOLATED DANGER BRB, 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.	
3860 *K 3705*	-Veronica Channel Range, front, No. “7”.	35° 18.3′ S 174° 06.5′ E	**Fl.G.** period 2.5s	13 **4**	3	Beacon, green triangular daymark.	
3862 *K 3705.1*	--Middle, 400 meters 172°24′ from 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, 820 meters 172°24′ 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		
3888	--Beacon No. “7”.	35° 18.1′ S 174° 06.5′ E	**Fl.G.** period 2.5s	13 **4**	3	Green beacon.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-NORTH ISLAND				
3892 *K 3706.6*	-Opua Approach Range, front.	35° 19.0′ S 174° 08.0′ E	**Fl.W.** period 2.5s	23 **7**	3	White and orange beacon.	
3896 *K 3706.7*	- -Rear, 565 meters 136°12′ from front.	35° 19.1′ S 174° 07.9′ E	**F.R.** (neon)	30 **9**	10	Beacon, white triangular daymark; 23.	
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.	
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.	
3908 *K 3710*	-Beacon.	35° 14.0′ S 174° 14.0′ E	**Q.R.**	10 **3**	1	Metal tripod.	
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.
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.	
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.	
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′.
3934 *K 3716.7*	-Sinclair Point Range, front.	35° 49.5′ S 174° 27.9′ E	**F.R.** (neon)	26 **8**	5	Pile, orange rectangular daymark.	Visible 200°-340°.
3934.1 *K 3716.71*	- -Rear, 520 meters 287° from front.	35° 49.5′ S 174° 27.6′ E	**F.G.** (neon)	43 **13**	5	Pile, orange rectangular daymark.	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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-NORTH ISLAND				
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.	
3948 *K 3717*	-One Tree Point, E. of point.	35° 49.0′ S 174° 28.0′ E	**Fl.R.** period 5s fl. 1s, ec. 4s	16 **5**	7	4-pile beacon, red square daymark.	
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 Range, front.	35° 46.0′ S 174° 23.0′ E	**F.G.** (neon)	42 **13**	9	Metal framework tower, orange square daymark; 42.	Visible 230°-040°.
3968 *K 3719.1*	- -Rear, 1.03 miles 311°21′ from front.	35° 45.8′ S 174° 22.0′ E	**F.R.** (neon)	81 **25**	9	Metal framework tower, orange square daymark; 19.	
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.	
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.
3980 *K 3715*	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 *K 4116.1*	-Wairopa 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 *K 3734*	**-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 *K 3735*	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 *K 3736.6*	Cape Rodney.	36° 16.6′ S 174° 49.3′ E	**Q.(4)W.** period 20s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 16.5s	173 **53**	8	White metal tower; 13.	Visible 127°30′-358°.
3996 *K 3737*	Leigh Harbor, Panetiki.	36° 18.0′ S 174° 49.0′ E	**Fl.G.** period 5s fl. 0.3s, ec. 4.7s	58 **18**	4	White post; 22.	Visible 193°30′-093°30′.
4000 *K 3736*	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 *K 3737.4*	Whangateau Harbor Entrance.	36° 19.0′ S 174° 47.0′ E	**Q.W.**	14 **4**	5		
4006 *K 3738.3*	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 *K 3738.2*	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 *K 3738.4*	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′.
4012 *K 3738.7*	Matakana River, E. entrance point.	36° 24.0′ S 174° 45.0′ E	**Q.W.**	12 **4**	5	White post; 13.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-NORTH ISLAND				
4016 *K 3738.6*	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 *K 3738*	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.	
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.	

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			NEW ZEALAND-NORTH ISLAND				
4040 *K 3742.5*	Browns Bay.	36° 42.9′ S 174° 44.9′ E	**F.R.G.**	23 **7**	2	Metal column.	R. 238°18′-263°30′, G.-318°30′, R. to the shore. Occasional.
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:						
4048 *K 3744*	-Rangitoto Island off W. point.	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.Oc.W.R.G.** period 4s lt. 3s, ec. 1s	75 **23**	W. **21** R. **17** G. **17**	Metal column.	G. 213°30′-214°30′, W.-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.Oc.W.R.G.** period 2s lt. 1.7s, ec. 0.3s	27 **8**	W. **21** R. **16** G. **16**	White pile, red square daymark.	G. 140°36′-141°36′, W.-142°36′, R.-143°48′. Range 4M by day.
			Q.R.G.				G. 139°36′-140°36′, R. 143°48′-145°.
4064 *K 3748*	-Bean Rocks.	36° 50.1′ 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°, obsc.-050°. **Siren:** 1 bl. ev. 30s.
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 fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 4.9s	12 **4**	2	Pile.	
4080 *K 3758.2*	--E. detached breakwater, W. head.	36° 50.7′ S 174° 48.5′ E	**V.Q.(4)R.** period 7s fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 4.9s	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 fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 4.9s	12 **4**	2	Pile.	
4088 *K 3758.6*	--W. detached breakwater, W. head.	36° 50.9′ S 174° 47.9′ E	**V.Q.(4)R.** period 7s fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 4.9s	12 **4**	2	Pile.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-NORTH ISLAND				
	-North Head:						
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 fl. 0.3s, ec. 0.4s fl. 0.3s, ec. 1.2s fl. 0.3s, ec. 3.5s	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.	
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)	20 **6**	2	Shed, red triangular daymark, point up.	
4169 *K 3798.1*	---Rear, 75 meters 225°55′ from front.	36° 50.7′ S 174° 45.4′ E	**F.R.** (neon)	59 **18**	2	Tank, 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-NORTH ISLAND				
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.
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.	W. 082°-096°, R.-217°, W.-222°, R.-274°, W.-287°, R.-082°. **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.	
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°25′-076°25′, W.-077°55′, R.-079°55′.
4204 *K 3846*	Putiki Bay.	36° 48.8′ S 175° 01.3′ E	**Fl.W.R.** period 10s fl. 0.5s, ec. 9.5s	65 **20**	W. 6 R. 3	White metal post; 10.	R. 226°12'-303°18', W.-076°48', R.-096°18'. 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.-303°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.	
4234 *K 3851.5*	-Rotoroa Island.	36° 49.4′ S 175° 12.0′ E	**Fl.W.** period 5s	187 **57**	8		Visible 203°-235°.
4235 *K 3853*	-Wharekawa Quarry, N. end of channel.	37° 03.8′ S 178° 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.	
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′.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-NORTH ISLAND				
	-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.Fl.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	20 **6**	3	Pile; 20.	
4264 *K 3880*	-Wharf, head.	36° 46.0′ S 175° 29.0′ E	**F.R.**				
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 **30**	W. 7 R. 4	White post; 16.	W. 060°-239°, R.-246°, W. 246°-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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-NORTH ISLAND				
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 **30**	W. 7 R. 4	White steel column; 13.	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	**Q.W.**	46 **14**	5	N. CARDINAL BY, beacon, topmark.	
4320 *K 3899.1*	-North Rock.	37° 37.5′ S 176° 10.5′ E	**Fl.W.R.** period 3s	36 **11**	W. 3 R. 2	Red steel standard on concrete base; 16.	R. 273°-003°, W. elsewhere.
4328 *K 3899.4*	-No. “1” Reach Range, front.	37° 38.1′ S 176° 09.5′ E	**F.G.** (neon)	36 **11**		White trapezoidal daymark, black stripe, on beacon; 43.	
			Dir.W.R.G.	39 **12**			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′.
4332 *K 3899.41*	- -Rear, 252 meters 209° from front.	37° 38.3′ S 176° 09.4′ E	**F.G.** (neon)	56 **17**		Beacon, white triangular daymark, black stripe, point down; 62.	F.R. (neon) close NW. and 0.14 mile NNE. in line 217° mark E. boundary of No. 1 Reach dredged channel.
4336 *K 3899.2*	-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 *K 3899.7*	-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 *K 3899.8*	- -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 *K 3900*	-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 *K 3900.4*	-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 *K 3903*	- -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 *K 3904*	-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 *K 3904.1*	-Tug Berth Jetty, head.	37° 38.6′ S 176° 10.8′ E	**2 F.Y.** (vert.)				
4377 *K 3904.3*	- -Cutter Channel.	37° 38.8′ S 176° 11.0′ E	**F.G.** (neon)	128 **39**		Lattice tower, triangular daymark, point down.	
4381 *K 3904.5*	-Mount Maunganui Wharf, N. end.	37° 38.6′ S 176° 10.9′ E	**2 F.G.** (vert.)	23 **7**	5		
4382 *K 3905.1*	- -Ro Ro berth.	37° 39.1′ S 176° 11.0′ E	**2 F.R.** (vert.)				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-NORTH ISLAND				
4383 *K 3907*	- -S. end.	37° 39.6′ S 176° 10.9′ E	**2 F.Y.** (vert.)	33 **10** 26 **8**	2	Column.	Visible 008°-188°.
4392 *K 3919*	-Western Channel, Hunters Creek Beacon.	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.
4396 *K 3906*	-The Leaner, beacon No. “19”.	37° 39.5′ S 176° 10.6′ E	**Q.(2+1)G.** period 6s		5	PREFERRED CHANNEL (A) GRG, beacon, topmark.	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** 16 **5**		Beacon.	2 F.R. (vert.) and Q.G. mark outer and inner breakwaters, respectively, of marina 400 meters SW.
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 4s	46 **14**	**15**		Occasional. **Aero Radiobeacon.**
4428 *K 3929*	Cape Runaway.	37° 32.3′ S 177° 59.1′ E	**Fl.W.** period 5s	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. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 15s	67 **20**	8	Aluminum tower, white square; 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, black stripe; 33.	AERO F.R. 46m 5M (Occas.) 2 miles W. AERO Fl.Y 1.5s 21m 5M (Occas.) 2 miles NW.
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, 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.W.** period 2s fl. 0.3s, ec. 1.7s	23 **7**	5	White steel tower.	Visible 349°-236°. F.R. on mast 0.62 mile E.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-NORTH ISLAND				
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 topmark, black stripe; 23.	R. 043°06′-050°30′ over Tokomaru Rock, W.-052°54′, G.-056°06′, R.-064°42′, W.-068°30′.
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 topmark, black stripe; 36.	
4484 *K 3969*	**Table Cape.**	39° 06.4′ S 177° 59.9′ E	**Fl.(3)W.** period 20s	615 **187**	9	White round tower; 10.	
4488 *K 3970*	Portland Island, S. extremity.	39° 18.2′ S 177° 52.0′ E	**Fl.W.** period 15s	318 **97**	9	White square tower; 26.	
	NAPIER:						
4492 *K 3980*	**-Whirinaki Bluff.**	39° 22.0′ S 176° 54.1′ E	**Fl.W.R.G.** period 15s fl. 0.3s, ec. 14.7s	194 **59**	W. **17** R. 14 G. 14	Metal tower, red and white bands; 52.	W. 231°-326°, R.-346°15′, G.-002°45′.
4496 *K 3986*	-AVIATION LIGHT.	39° 26.0′ S 176° 52.0′ E	**Oc.R.** period 1.5s	26 **8**			Obstruction.
4500 *K 3982.1*	-Southern Range, front 331 meters 281°54′ to common rear.	39° 27.1′ S 176° 52.2′ E	**F.R.**	49 **15**	5	White beacon.	Intensified 271°-293°.
4504 *K 3982*	--Common rear.	39° 27.1′ S 176° 52.0′ E	**F.G.** (neon)	69 **21**	5	Red and white daymark.	
			F.W.	69 **21**	5		Visible 271°-293°.
4508 *K 3981.9*	--Northern front, 400 meters 249°44′ to common rear.	39° 27.0′ S 176° 52.2′ E	**F.G.** (neon)	42 **13**	5	Metal mast, white stripe; 59.	
4512 *K 3985*	-AVIATION LIGHT.	39° 28.0′ S 176° 52.0′ E	**Al.Fl.W.G.** period 4s	43 **13**		Mast; 22.	Occasional.
4516 *K 3984*	-Inner harbor, on E. pier.	39° 28.8′ S 176° 53.7′ E	**Oc.R.** period 12s	33 **10**	4	Blue hut.	
4517 *K 3984.1*	--W. entrance.	39° 28.7′ S 176° 53.7′ E	**Fl.(5)G.** period 20s	13 **4**	2	STARBOARD (A) G, beacon; 13.	
4520 *K 3982.5*	Napier Approach.	39° 28.8′ S 176° 54.5′ E	**Dir.W.R.G.**	23 **7**	7	Pink tower, white band.	F.G. 182°-185°, Al.W.G.-188°, F.W.-191°, Al.W.R.-194°, F.R.-202°.
4524 *K 3984.4*	-Range, front.	39° 29.2′ S 176° 53.6′ E	**F.R.**	21 **6**	3	Yellow diamond daymark.	
4528 *K 3984.41*	--Rear, 143 meters 191°57′ from front.	39° 29.3′ S 176° 53.5′ E	**F.R.**	30 **9**	3	Yellow diamond daymark.	
4532	--*Roadstead Lighted Buoy,* about 1.8 km. 014° from stone pillar on Ahuiriri Bluff.	39° 28.0′ S 176° 55.0′ E	**Fl.W.** period 5s			Black.	**Radar reflector.**
4536 *K 3983*	-Breakwater Harbor, front.	39° 28.6′ S 176° 54.8′ E	**F.R.** (neon)	36 **11**		Yellow pole, red triangular daymark, point up.	Neon triangle, point up.
4540 *K 3983.1*	--Rear, 325 meters 168° from front.	39° 28.3′ S 176° 54.8′ E	**F.R.** (neon)	56 **17**		Yellow pole, red triangular daymark, point down.	Neon triangle, 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, 112 meters 117° from front.	39° 28.5′ S 176° 54.7′ E	**F.Bu.** (neon)	62 **19**	1		
4544 *K 3984.42*	-Iron Pot Range, front.	39° 29.0′ S 176° 53.7′ E	**F.R.** (neon)			Pole, orange diamond daymark.	
4548 *K 3984.43*	--Rear, 40 meters 138°30′ from front.	39° 29.0′ S 176° 53.7′ E	**F.R.** (neon)			Pole, orange diamond daymark.	

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			NEW ZEALAND-NORTH ISLAND				
4552 *K 3983.2*	-Breakwater, N. end.	39° 28.0′ S 176° 55.0′ E	**V.Q.(2)W.** period 5s fl. 0.3s, ec. 0.3s fl. 0.3s, ec. 4.1s	22 **7**	5	White mast; 13.	Visible 089°-296°.
4554 *K 3983.3*	- -W. end, front.	39° 28.3′ S 176° 54.9′ E	**Oc.R.** period 3s	30 **9**	4	White metal tower; 23.	
4554.1 *K 3983.25*	- - -Rear, 960 meters 132°15′ from front.	39° 28.7′ S 176° 55.4′ E	**F.Bu.** (neon)	76 **23**	1	Red tower on roof of cargo shed.	
4555 *K 3983.15*	- -Inner.	39° 28.5′ S 176° 55.3′ E	**Dir.W.R.G.**	92 **28**	2	Floodlight tower.	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, front.	39° 35.0′ S 176° 56.0′ E	**F.R.** (neon)	23 **7**	10	Pile, orange triangular daymark.	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)	33 **10**	10	Pile, orange triangular daymark.	
4564 *K 3992*	Cape Kidnappers.	39° 39.0′ S 177° 06.0′ E	**Fl.(2)W.** period 15s fl. 0.4s, ec. 2.2s fl. 0.4s, ec. 12s	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°.
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 steel column; 13.	White rectangular daymark in front of column.
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° 24.0′ S 174° 52.0′ E	**Oc.W.** period 15s lt. 9s, ec. 6s	286 **87**	**19**	White concrete tower; 40.	Visible 305°-152°. Diffused light from the lenses of gradually decreasing intensity is visible from 152°-160°.
4588 *K 4006*	**-Pencarrow Head.**	41° 21.5′ S 174° 50.9′ E	**Fl.(3)W.R.** period 12s	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.
	-RACON		**G(– – •)** period 120s		**15**		
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 round structure 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.
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-NORTH ISLAND				
4608 *K 4054*	-Days Bay, wharf, head.	41° 17.0′ S 174° 54.0′ E	**F.W.G.** (vert.)	23 **7** 19 **6**			
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	7 **2**	1	Wooden pile; 7.	
4617.1 *K 4057.4*	---S.	41° 15.1′ S 174° 54.1′ E	**Q.(2)G.** period 5s	7 **2**	1	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	16 **5**	4	Wooden mast; 13.	
4620 *K 4014*	**-Somes Island.**	41° 16.0′ S 174° 52.0′ E	**L.Fl.W.R.G.** period 10s fl. 4s, ec. 6s	95 **29**	W. 13 R. 10 G. 10	White tower.	W. 314°-351°, G.-007°, G. (intens.)-009°, W. (intens.)-011°, R. (intens.)-016°, R.-030°, W.-107°. F.R. 2.5 miles NW. R. lights on radio tower 4.2 miles WNW.
					W. **17** R. 14 G. 14		
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.	
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.	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*	-Evans Bay.	41° 18.6′ S 174° 48.4′ E	**Q.G.**	10 **3**	5	Black pile beacon.	
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.**				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-NORTH ISLAND				
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	26 **8**	**15**	Concrete beacon, black and white checks; 19.	Visible 070°-284°.
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	Aluminum tower; 13.	R. 297°24′-012°, W.-139°18′.
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	Beacon, white trapezoidal daymark, orange stripe.	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	Beacon, white trapezoidal daymark, orange stripe.	W. 328°-058°, R.-148°.
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.
4784	Hawera.	39° 35.0′ S 174° 17.0′ E	**F.R.** (neon)			Water tower.	
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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-NORTH ISLAND				
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).
4794 *K 4087.7*	-FPSO.	39° 39.3′ S 173° 18.4′ E	**2Mo.(U)W.** period 15s	92 **28**	10	Moored storage tanker.	**Horn:** Mo.(U)30s.
			2Mo.(U)R. period 15s	118 **36**	2		
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	100 **30**	10	Gray iron tower, white top.	Visible 066°-127°, 133°-159°, and 171°-242°.
4808 *K 4092*	-Outer breakwater, head.	39° 03.1′ S 174° 02.5′ E	**Fl.(3)G.** period 10s	43 **13**	10	Black pole, orange bands; 20.	Fl.Y. 2s marks wave recorder 480 meters SE.
4812 *K 4093.6*	-Lee breakwater, head.	39° 03.4′ S 174° 02.7′ E	**Q.(4)R.** period 6s	41 **12**	5	Black column, yellow bands; 30.	
4820 *K 4093*	-Entrance Range, front.	39° 03.8′ S 174° 02.5′ E	**V.Q.R.**	30 **9**	5	Orange beacon, orange round daymark.	
4824 *K 4093.1*	--Rear, 140 meters 197°16′ from front.	39° 03.8′ S 174° 02.5′ E	**V.Q.R.**	65 **20**	5	Orange beacon, orange round daymark.	
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 triangluar 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	138 **42**	**15**	Control tower.	Occasional. **Aero Radiobeacon** 0.5 mile N.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-NORTH ISLAND				
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′.
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° 48.1′ S 174° 52.6′ E	**Dir.F.W.R.G.**	85 **26**	W. **17** R. **15** G. **15**	Orange diamond daymark, white border; 26.	
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.	
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.
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°.
	HOKIANGA RIVER:						
4908 *K 4152*	-Takataka Rock.	35° 23.0′ S 173° 33.0′ E	**Q.(3)W.** period 10s fl. 0.2s, ec. 1s fl. 0.2s, ec. 1s fl. 0.2s, ec. 7.4s	8 **2**	2	E. CARDINAL BYB, beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	AHIPARA BAY:						
4912 *K 4153*	-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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-SOUTH ISLAND				
4916 *K 4180*	-Cape Farewell, Pillar Point.	40° 30.3′ S 172° 43.3′ E	**Fl.W.** period 5s fl. 1s, ec. 4s	546 **166**	10	White metal tower; 13.	
4920 *K 4182*	**Bush End Point.**	40° 32.8′ S 173° 00.5′ E	**Fl.W.R.** period 15s	97 **30**	W. **19** R. **15**	White metal framework tower, orange top; 88.	W. 113°-299°, R.-333°, W.-110°, obscured-113°. Reserve light range 10M. **Radar reflector.**
	AORERE RIVER:						
4924 *K 4186*	-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 *K 4196*	-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 *K 4197*	-Above the wharf.	40° 49.8′ S 172° 48.3′ E	**F.W.,F.R.** (neon)			Wooden mast, white triangular daymark.	Range lights.
4937 *K 4198*	Main Ledge Range, front.	40° 49.6′ S 172° 53.9′ E	**F.W.** (neon)	25 **8**	7	Wooden mast, white triangular daymark, point up.	
4937.1 *K 4198.1*	-Rear, 32 meters 138°50′ from front.	40° 49.6′ S 172° 53.9′ E	**F.W.** (neon)	33 **10**	7	Wooden mast.	
4940 *K 4199*	Tarakohe.	40° 49.0′ S 172° 54.0′ E	**Fl.R.** period 5s fl. 0.5s, ec. 4.5s	19 **6**	6	Round metal tower; 6.	Obscured 201°-245° until about 2.6 miles from harbor entrance.
4941 *K 4200*	-Wharf approach Range, front.	40° 49.5′ S 172° 53.9′ E	**F.R.** (neon)	33 **10**	3	Metal mast, red triangular daymark, point up.	
4941.1 *K 4200.1*	- -Rear, 66 meters 123°20′ from front.	40° 49.5′ S 172° 53.9′ E	**F.G.** (neon)	36 **11**	3	Metal mast, green triangular daymark, point up.	
4944 *K 4204*	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 *K 4206*	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 *K 4210*	Riwaka Range, front.	41° 05.0′ S 173° 01.0′ E	**F.G.**	20 **6**	3	White structure.	
4956 *K 4210.1*	-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 *K 4212*	Motueka.	41° 08.2′ S 173° 01.4′ E	**Dir.F.W.R.G.**	10 **3**	W. 10 R. 8 G. 8	Pile.	G. 312°-316°, W.-318°, R.-324°.
4968 *K 4214*	-Channel, N. side.	41° 08.0′ S 173° 01.0′ E	**Q.G.**	10 **3**		Pile.	
4976 *K 4220*	Mapua Range, front.	41° 14.8′ S 173° 06.3′ E	**F.R.**	39 **12**	4	Mast, white triangular daymark, point up; 27.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-SOUTH ISLAND				
4980 *K 4220.1*	-Rear, 275° from front.	41° 14.8′ S 173° 06.3′ E	**F.R.**	50 **15**	4	Mast, white triangular daymark, point up; 36.	
	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°.
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.
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° 12.0′ S 173° 19.0′ 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.-031°. **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.	
	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.	

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-SOUTH ISLAND				
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) G, beacon, topmark.	
5106 *K 4253.5*	-Allports Island.	41° 14.3′ S 174° 03.4′ E	**Q.(5)W.** period 10s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 5.7s	10 **3**	5	White post; 7.	
5108 *K 4254*	-The Snout.	41° 15.1′ S 174° 02.9′ E	**Fl.(2)W.** period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 8s	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		
5120 *K 4257*	-Picton Harbor, main wharf, head.	41° 16.9′ S 174° 00.4′ E	**F.R.**	24 **7**	6	Metal framework floodlighting tower.	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 fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 5.7s	7 **2**	3	White post; 7.	
5122.5 *K 4260.2*	--E.	41° 16.3′ S 174° 00.2′ E	**Q.(4)R.** period 6s fl. 0.4s, ec. 0.6s fl. 0.4s, ec. 0.6s fl. 0.4s, ec. 0.6s fl. 0.4s, ec. 2.6s	7 **2**	3	White post; 7.	
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. 7 R. 5	White trapezoid, orange stripe.	R. 271°-301°, W.-051°.
5128 *K 4268.3*	-Fighting Bay, Prohibited Anchorage Area, 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. 7 R. 4	White trapezoid, orange stripe.	W. 221°-263°, R.-310°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-SOUTH ISLAND				
	-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*	-Arapawa Island, on 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*	--On Clay Point, W. side.	41° 14.0′ S 174° 16.0′ E	**Fl.W.** period 5s	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.	
5164 *K 4262*	-W. 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.
			Fl.R. period 10s		10		Visible 008°-014° over Awash Rocks. Reserve light range 9M.
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.Fl.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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-SOUTH ISLAND				
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 LYTTELTON:						
5232 *K 4286*	**-Godley Head.**	43° 35.2′ S 172° 48.5′ E	**L.Fl.(3)W.** period 26s fl. 2s, ec. 4s fl. 2s, ec. 4s fl. 2s, ec. 12s	317 **97**	**17**	Tower with brown dome, white base; 20.	Visible 161°-017°.
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.
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-SOUTH ISLAND				
	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° 23.0′ S 171° 18.0′ E	**Mo.(A)W.** period 10s	18 **5**	9	SAFE WATER RW, beacon.	
5304 *K 4331*	-War Memorial.	44° 24.0′ S 171° 15.0′ E	**F.G.**	143 **44**	14	Mast.	
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**	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.	
	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*	**Moeraki.**	45° 23.6′ S 170° 52.1′ E	**Iso.W.** period 12s	190 **58**	**18**	White wooden tower; 28.	Visible 190°-018°.
5372 *K 4358*	-Range, front.	45° 22.0′ S 170° 51.0′ E	**Q.W.**	35 **11**	6	Pole; 12.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-SOUTH ISLAND				
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 3467.1*	-Harrington Point.	45° 47.0′ S 170° 43.4′ E	**Oc.R.** period 10s lt. 9s, ec. 1s	10 **3**	2	Metal house on cliff.	
5400.5 *K 4367.14*	-Jetty, head.	45° 47.2′ S 170° 43.1′ E	**2 F.G.** (vert.)	16 **5**	2	Post; 10.	
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	**4 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.
5401.3 *K 4370.27*	- -Beach Street Wharf.	45° 48.8′ S 170° 37.8′ E	**F.G.** (neon)				
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.	
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.Fl.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	**F.R.**		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**	1		F.G. (neon) on E. and W. ends of T-head pier.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-SOUTH ISLAND				
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**	1		
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*	- -Rattray 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.Fl.W.** period 10s fl. 2s, ec. 8s	180 **55**	**17**	White steel lattice tower; 20.	Visible 254°-064°.
5408 *K 4380*	**Nugget Point.**	46° 27.0′ S 169° 50.0′ E	**L.Fl.(2)W.** period 12s fl. 2s, ec. 2s fl. 2s, ec. 6s	250 **76**	**19**	White stone tower; 31.	Reserve light range 10M.
5412 *K 4381*	Tautuku Peninsula.	46° 36.7′ S 169° 26.2′ E	**Fl.(3)W.** period 15s	104 **32**	8	White tower; 12.	
5416 *K 4382*	Slope Point.	46° 40.0′ S 169° 01.0′ E	**Fl.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	**Fl.(5)W.** period 20s	70 **21**	9	White wooden tower; 44.	
5424 *K 4387*	Bushy Point.	46° 36.0′ S 168° 31.0′ E	**Fl.(2)W.** period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	57 **17**	9	Metal latticework structure; 39.	
5428 *K 4394*	**Dog Island.**	46° 39.2′ S 168° 24.6′ E	**Fl.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	**Fl.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	**F.R.**	36 **11**	6	Red tower on E. 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.	
5452 *K 4402*	-No. “2” Reach Range, front.	46° 36.0′ S 168° 21.7′ E	**F.R.** (neon)	20 **6**	4	White triangular daymark.	
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 daymark.	
5460 *K 4405*	-No. “3” Reach Range, front.	46° 35.5′ S 168° 20.6′ E	**Iso.G.** period 2s	23 **7**	2	White tower on pile.	
5464 *K 4405.1*	- -Rear, 355 meters 313°25′ from front.	46° 35.4′ S 168° 20.4′ E	**Fl.W.** period 1.5s	39 **12**	9	White tower on metal structure.	Intensified 302°25′- 324°25′.
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-SOUTH ISLAND				
5476 *K 4406*	-No. “1”.	46° 36.2′ S 168° 21.7′ E	**Fl.(3)G.** period 9s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 4.2s	11 **3**	3	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 fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 1.7s	17 **5**	2	STARBOARD (A) G, beacon.	
5488 *K 4413*	-No. “3”.	46° 35.9′ S 168° 21.2′ E	**Fl.G.** period 3s fl. 0.5s, ec. 2.5s	19 **6**	2	STARBOARD (A) G, beacon.	
5490 *K 4410*	-Argyle.	46° 36.0′ S 168° 21.3′ E	**Q.(2)R.** period 5s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 3.7s	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.
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-SOUTH ISLAND				
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 fl. 0.4s, ec. 0.6s fl. 0.4s, ec. 13.6s	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 fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 7.5s	253 **77**	9	White fiberglass tower.	
	GREYMOUTH HARBOR:						
5572 *K 4470*	-S. breakwater, 145 meters from head.	42° 26.2′ S 171° 11.9′ E	**L.Fl.W.** period 10s fl. 3.5s, ec. 6.5s	65 **20**	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**	8	White concrete tower, red band.	Coast Radar Station 1800 meters SE.
5612 *K 4494*	-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 *K 4494.1*	- -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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NEW ZEALAND-SOUTH ISLAND				
5620 *K 4492*	-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 *K 4498*	-E. full-tide wall.	41° 44.5′ S 171° 35.6′ E	**Iso.R.** period 1.5s	11 **3**		Red metal framework tower.	
5628 *K 4497*	-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 *K 4496*	-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 *K 4496.1*	- -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.	
5640 *K 4506*	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 *K 2912*	**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 *K 2908.3*	Mooloolaba Harbor Channel Range, front.	26° 41.0′ S 153° 08.1′ E	**F.Bu.**			White beacon, triangular daymark, point up.	F.Y. by day.
			Fl.R. period 4s				Not visible from seaward. Channel to wharf marked by beacons.
5668 *K 2908.31*	-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 *K 2907.8*	**Point Carwright.**	26° 40.9′ S 153° 08.2′ E	**Fl.(3)W.R.** period 15s	174 **53**	W. **23** R. 11	White pentagonal concrete tower.	R. 088°-180°, W.-345°. Reserve light range W. 19M, R. 8M.
			F.R.	161 **49**	7		Visible 202°-250°.
	MORETON BAY:						
5676 *K 2856*	**-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 *K 2857*	-NW. Channel Range, front.	26° 49.7′ S 153° 07.8′ E	**Q.W.**	49 **15**		White tower; 49.	F.Y. by day.
			Q.W.R.				R. 215°-243°, W.-275°.
5684 *K 2857.1*	- -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 *K 2856.5*	- -"NW". Fairway.	26° 48.7′ S 153° 10.6′ E	**Iso.W.** period 4s			SAFE WATER RW, articulated beacon, topmark.	
5684.6 *K 2857.4*	- -"NW2".	26° 49.9′ S 153° 08.9′ E	**Fl.Y.** period 2.5s	30 **9**	6	SPECIAL Y, articulated beacon, topmark.	
5684.8 *K 2857.5*	- -"NW1".	26° 51.2′ S 153° 08.9′ E	**Q.G.**			STARBOARD (A) G, beacon, topmark.	
5685 *K 2857.7*	- -"NW4".	26° 51.6′ S 153° 09.3′ E	**Fl.R.** period 4s			PORT (A) R, beacon, topmark.	
5685.3 *K 2857.9*	- -"NW6".	26° 53.7′ S 153° 10.7′ E	**Fl.R.** period 2.5s			PORT (A) R, beacon, topmark.	
5685.6 *K 2858*	- -"NW8".	26° 55.7′ S 153° 12.1′ E	**Fl.R.** period 4s			PORT (A) R, beacon, topmark.	
5686 *K 2858.2*	- -"NW3".	26° 57.9′ S 153° 13.3′ E	**Fl.G.** period 2.5s			STARBOARD (A) G, beacon, topmark.	
5686.5 *K 2858.4*	- -"NW10".	27° 00.1′ S 153° 14.5′ E	**Fl.R.** period 4s			PORT (A) R, beacon, topmark.	
5687 *K 2858.6*	- -"NW12".	27° 02.4′ S 153° 15.4′ E	**Q.(9)W.** period 15s	26 **8**		W. CARDINAL YBY, beacon, topmark.	
5688 *K 2858.8*	-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 *K 2858.81*	- -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 *K 2858.9*	--"S1".	27° 02.8′ S 153° 16.2′ E	**Fl.Y.** period 4s			SPECIAL Y, beacon, topmark.	
5692.7 *K 2858.93*	-Woorim.	27° 03.3′ S 153° 11.9′ E	**Fl.Y.** period 2.5s			SPECIAL Y, beacon, topmark.	
5693 *K 2859.5*	-Main Channel, "M2".	27° 03.6′ S 153° 18.3′ E	**Dir.Al.W.R.G.**	26 **8**	4	PORT (A) R, beacon, topmark.	Occasional. G. 107°30′-109°, Al.G.W.-109°42′, W.-110°18′, Al.W.R.-110°48′, R.-112°24′.
			Fl.R. period 4s				
5693.1 *K 2859.4*	--"M1".	27° 03.4′ S 153° 17.6′ E	**Q.G.**			STARBOARD (A) G, beacon, topmark.	
5693.2 *K 2859.7*	--"M4".	27° 05.3′ S 153° 18.8′ E	**Fl.R.** period 2.5s			PORT (A) R, beacon, topmark.	
5693.3 *K 2859.6*	--"M3".	27° 05.7′ S 153° 18.3′ E	**Fl.G.** period 2.5s			STARBOARD (A) G, beacon, topmark.	
5693.4 *K 2859.8*	--"M6".	27° 06.7′ S 153° 20.2′ E	**Fl.R.** period 4s			PORT (A) R, beacon, topmark.	
5693.45 *K 2859.9*	--"M5".	27° 07.4′ S 153° 20.4′ E	**Fl.(4)Y.** period 10s			SPECIAL Y, beacon.	
5693.5 *K 2860*	--"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 *K 2860.2*	--"M9".	27° 09.4′ S 153° 20.2′ E	**Q.(6)+L.Fl.W.** period 15s			S. CARDINAL YB, beacon, topmark.	
5693.6 *K 2860.4*	--"M8".	27° 12.2′ S 153° 17.2′ E	**Fl.R.** period 2.5s			PORT (A) R, beacon, topmark.	
5693.7 *K 2860.81*	-East Knoll Bypass Channel, "EK1".	27° 08.5′ S 153° 19.4′ E	**Q.G.**			STARBOARD (A) G, beacon, topmark.	
5693.8 *K 2860.82*	--"EK2".	27° 08.5′ S 153° 19.8′ E	**Q.R.**			PORT (A) R, beacon, topmark.	
5694 *K 2861*	-East Channel, "E1".	27° 10.8′ S 153° 20.5′ E	**Fl.G.** period 4s			STARBOARD (A) G, beacon, topmark.	
5694.2 *K 2861.9*	--"E3".	27° 12.9′ S 153° 20.1′ E	**Fl.G.** period 4s			STARBOARD (A) G, beacon, topmark.	
5694.3 *K 2862.2*	--"E2".	27° 13.6′ S 153° 20.4′ E	**Fl.R.** period 4s	23 **7**		PORT (A) R, beacon, topmark.	
5694.4 *K 2862.8*	--"E5".	27° 13.9′ S 153° 19.8′ E	**V.Q.(3)W.** period 5s			E. CARDINAL BYB, beacon.	
5694.6 *K 2862.6*	--"E4".	27° 14.0′ S 153° 20.3′ E	**Fl.R.** period 4s	23 **7**		PORT (A) R, beacon, topmark.	
5695.7 *K 2863.7*	-Skirmish Point, SW.	22° 06.7′ S 153° 11.9′ E	**Q.R.**			PORT (A) R, beacon, topmark.	
5695.8 *K 2863.6*	-South Point, SE.	27° 06.6′ S 153° 10.8′ E	**Fl.G.** period 2.5s			STARBOARD (A) G, beacon, topmark.	
5696 *K 2863.5*	-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 *K 2864.5*	-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 *K 2864.51*	--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 round 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 round daymark.	Visible 026°-038°.
			Mo.(A)W. period 6s		4		Visible 038°-026°.
	--Outer Bay Cutting:						
5734 *K 2868.3*	---Entrance Range, front.	27° 23.8′ S 153° 09.0′ E	**Q.R.**			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° 24.5′ S 153° 08.5′ E	**Iso.W.** 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° 20.1′ S 153° 11.4′ E	**Fl.G.** period 4s	20 **6**		STARBOARD (A) G, tower, topmark.	
			Iso.W. period 2s				Visible on range line only. Forms range 304° with beacon No. 12.
5742 *K 2869*	----E. side, No. "12".	27° 20.2′ S 153° 11.6′ E	**Fl.R.** period 4s	20 **6**		PORT (A) R, tower, topmark.	
			Q.W.				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 Fl.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.	
	--Pelican Bank Cutting:						
5750 *K 2870*	---North Range, front.	27° 22.9′ S 153° 09.3′ E	**F.Bu., Q.Bu.**			White triangular daymark, red border, point up.	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.** Iso.Bu. period 2s			White triangular daymark, red border, point down.	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.	F.Y. by day.
			Q.Bu.			PORT (A)	
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.	F.Y. by day.
			Iso.Bu. period 2s				
	--Lytton Rocks Cutting:						
5758 *K 2870.5*	---W. side, N. end.	27° 23.9′ S 153° 09.1′ 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., Q.Bu.**			White triangular daymark, red border, point up.	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.** Iso.Bu. period 2s			White triangular daymark, red border, point down.	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.	
	--Pinkenba Cutting:						
5769 *K 2872*	---Parker Island Range, front.	27° 26.0′ S 153° 06.9′ E	**F.Bu.** (neon)			White triangular daymark, red border, point up.	F.Y. (neon) by day.
			Q.Bu. (neon)				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
5769.1 *K 2872.1*	----Rear, 140 meters 236°45' from front.	27° 26.0′ S 153° 06.9′ E	**F.Bu.** (neon)			White triangular daymark, red border, point down.	F.Y. (neon) by day.
			Iso.Bu. (neon) period 2s				
	--Quarries Reach Cutting:						
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.**				

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			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.Fl.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.	F.W. 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	387 **118**	**27**	White round concrete tower; 74.	
			F.R.	364 **111**	8	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			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 **Fl.R.** period 3s			Beacon, triangular daymark, point down.	Visible on range lines only.
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.	*Reported seen at 30M.*
	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.Fl.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	**Fl.Y.** period 2s	7 **2**	8	White triangular daymark, point up, black stripe.	Visible 233°-253°.
			F.Bu.				Outlines daymark.
5999.1 *K 2800.1*	-Rear, 75 meters 243° from front.	30° 52.6′ S 153° 00.9′ E	**Iso.Y.** period 2s	10 **3**	8	White triangular daymark, point down, black stripe.	Visible 233°-253°.
			F.Bu.				Outlines daymark.
6002 *K 2799.6*	-S. breakwater, head.	30° 52.4′ S 153° 01.6′ E	**Fl.R.** period 3s fl. 1s, ec. 2s	26 **8**	3		
6004 *K 2798*	Monument Point.	30° 53.1′ S 153° 02.5′ E	**F.R.G.**	45 **14**	4	White post, red top.	G. 172°-217°, R.-262°, obsc.-172°.
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
	PORT MACQUARIE:						
6017 *K 2790*	-Bar Range, front.	31° 25.7′ S 152° 54.8′ E	**Dir.Iso.R.** period 2s **F.Bu.**	33 **10**	2	Beacon, red triangular daymark, point up.	
6018 *K 2790.1*	- -Rear, 250 meters 261° from front.	31° 25.7′ S 152° 54.6′ E	**Dir.Iso.R.** period 2s **F.Bu.**	56 **17**	2	Beacon, red triangular daymark, point down.	
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° 26.3′ S 152° 32.4′ E	**Fl.W.** period 7.5s fl. 0.5s, ec. 7s	258 **79**	**25**	White round tower; 49.	
			F.R.	240 **73**	14	Same tower.	Visible 307°-110° 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° 45.0′ S 152° 12.1′ E	**Fl.(4)W.** period 30s	126 **38**	**17**	White round stone tower; 70.	
6054 *K 2770.5*	-Toomeree, head.	32° 43.1′ S 152° 11.3′ E	**Fl.R.** period 4s	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		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
6061.1 *K 2771.6*	- -Breakwater, SE.	32° 43.2′ S 152° 08.7′ E	**Iso.R.** period 2s	14 **4**	4		
6062 *K 2770.8*	-Corrie Island.	32° 41.0′ S 152° 07.8′ E	**Dir.Iso.W.R.G.** period 4s	56 **17**	W. 8 R. 6 G. 6		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.
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.
6080.2 *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.**
6080.4 *K 2740.02*	- -SE. Shoulder Range, front.	32° 55.5′ S 151° 46.8′ E	**F.G.**				Forms range 238°25′ with common rear.
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.	

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			AUSTRALIA-EAST COAST				
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..	
6108 *K 2758*	-Wickham Range, front.	32° 55.6′ S 151° 47.2′ E	**F.R.**	56 **17**		Mast, red triangular daymark.	
6112 *K 2758.1*	--Rear, 203 meters 094°37′ from front.	32° 55.5′ S 151° 47.5′ E	**F.R.**	85 **26**		Mast, red triangular daymark.	
6116 *K 2762*	-Stockton Crossing Range, front.	32° 54.5′ S 151° 46.8′ E	**F.R.**	19 **6**	4	Pile beacon, orange triangular daymark.	
6120 *K 2762.1*	--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 *K 2760.5*	-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 *K 2760.51*	--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 *K 2760*	-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 *K 2760.4*	-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 *K 2764*	-Hunter River beacon No. "1".	32° 53.5′ S 151° 47.2′ E	**Fl.G.** period 3s			Black beacon.	
6127 *K 2765.2*	-Stockton Bridge, center.	32° 53.2′ S 151° 47.1′ E	**F.Bu.**				On N. and S. sides.
6127.1 *K 2765*	--W. side.	32° 53.1′ S 151° 47.2′ E	**Fl.R.** period 3s				On N. and S. sides.
6127.2 *K 2765.4*	--E. side.	32° 53.1′ S 151° 47.2′ E	**Fl.G.** period 3s				On N. and S. sides.
6128 *K 2766*	-Hunter River beacon 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 *K 2722*	-Moon Island.	33° 05.5′ S 151° 40.4′ E	**Iso.W.** period 2s	39 **12**	6		Visible 080°-010°.
	CATHERINE HILL BAY:						
6136 *K 2716*	-Range, front.	33° 09.5′ S 151° 37.7′ E	**F.R.**				Private.
6140 *K 2716.1*	--Rear, 45 meters 230°30′ from front.	33° 09.7′ S 151° 37.4′ E	**F.R.**				Private.
6152 *K 2712*	**-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 *K 2711*	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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
	BROKEN BAY:						
6156 *K 2702*	**-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°.
	CROOKHAVEN RIVER:						
6160 *K 2710*	-Lobster Beach.	33° 32.0′ S 151° 20.0′ E	**Q.G.**	6 **2**	4	Beacon.	
6164 *K 2710.2*	- -.	33° 31.8′ S 151° 20.4′ E	**Fl.G.** period 3s	6 **2**	4	Beacon.	
6168 *K 2710.4*	- -Off Wagstaff Point.	33° 31.4′ S 151° 20.0′ E	**Iso.G.** period 2s	6 **2**	4	Beacon.	
6172 *K 2707.8*	-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 *K 2637*	-Outer N. head.	33° 49.5′ S 151° 18.0′ E	**Iso.G.** period 2s	240 **73**	3	Mast.	
6180 *K 2636*	**-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 *K 2638*	-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 R. 9 G. 9	White tower.	G. 276°-288°, W.-306°, R.-312°, obscured elsewhere.
6188 *K 2638.1*	- -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 *K 2641*	-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.	
6191 *K 2638.52*	-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 *K 2638.57*	- - -S. side.	33° 48.2′ S 151° 14.8′ E	**F.R.**				On both sides of bridge.
6191.5 *K 2638.53*	- -S. channel, N. side.	33° 48.2′ S 151° 14.8′ E	**F.G.**				On both sides of bridge.
6191.6 *K 2638.55*	- - - S. side.	33° 48.2′ S 151° 14.8′ E	**F.R.**				On both sides of bridge.
6192 *K 2644*	-Western Channel Beacon.	33° 50.5′ S 151° 15.8′ E	**Oc.R.** period 3s	32 **10**	5	White tower on piles.	
6193 *K 2643*	- -Georges Head.	33° 50.4′ S 151° 15.7′ E	**Q.G.**			STARBOARD (A) G, pile, topmark.	
6196 *K 2652*	-Eastern Channel Beacon, SE. end of shoal.	33° 50.6′ S 151° 16.2′ E	**Oc.G.** period 3s lt. 2s, ec. 1s	31 **9**	5	White tower on piles.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SYDNEY HARBOR:						
6200 *K 2650*	-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°.
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.	
6216 *K 2662*	-Bradley, head.	33° 51.0′ S 151° 15.0′ E	**Oc.G.** period 3s	22 **7**	6	White tower.	**Horn:** Mo.(D) ev. 30s (bl. 10s, si. 4s, bl. 4s, si. 4s, bl. 4s, si. 4s).
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° 51.0′ S 151° 14.0′ 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.	**Bell:** sounded continuously
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*	-Wodyong Point breakwater, head.	33° 50.9′ S 151° 13.1′ E	**Iso.R.** period 4s	7 **2**			
6240	-Elbow.	0° 00.0′ 0° 00.0′	**Iso.R.** period 4s				
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.	**Horn:** 1 bl. ev. 16s. (bl. 12s, si. 4s).
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
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.	
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.	**Siren:** 1 bl. ev. 15s.
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	--Old bridge.	33° 52.2′ S 151° 11.1′ E	**Q.Y.**				Shown from each end 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.
6295.7 *K 2696.78*	-Rozelle Bay.	33° 52.3′ S 151° 11.0′ E	**Fl.Y.** period 3s			SPECIAL Y, beacon, topmark.	
6295.75 *K 2696.79*	-Blackwattle Bay, pier, head.	33° 52.4′ S 151° 11.3′ E	**F.R.**				
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.
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
6300	-Mann's Point.	33° 51.0′ S 151° 11.0′ E	**F.G.**			Pipe on dolphin.	
6304 *K 2697.2*	-Longnose Point.	33° 50.9′ S 151° 11.1′ E	**F.R.**		4		
6305 *K 2696.9*	-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 *K 2698.2*	-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 *K 2697.9*	-Spectacle Island, off NE. side.	33° 50.9′ S 151° 09.9′ E	**Fl.Y.** period 3s			SPECIAL Y, beacon.	
6309 *K 2697.92*	--Off NW. side.	33° 50.9′ S 151° 09.7′ E	**Fl.Y.** period 3s			SPECIAL Y, beacon.	
6310 *K 2698*	--Off S. side.	33° 51.1′ S 151° 09.8′ E	**F.G.**			STARBOARD (A) G, beacon.	
6311 *K 2697.5*	-Fern Bay Marina.	33° 50.7′ S 151° 09.7′ E	**F.W.**				
6312 *K 2698.35*	-Wrights Point.	33° 50.6′ S 151° 09.2′ E	**Fl.R.** period 3s			PORT (A) R, beacon, topmark.	
6313 *K 2698.36*	-Tarban Point.	33° 50.4′ S 151° 08.9′ E	**Q.(3)W.** period 10s			E. CARDINAL BYB, beacon, topmark.	
6316 *K 2632*	**-Macquarie.**	33° 51.3′ S 151° 17.0′ E	**Fl.(2)W.** period 10s	344 **105**	**25**	White round tower; 85.	Visible 204°-359°, (unintens.)-016°, obsc.-073°, (unintens.)- 094°, obsc.-115°, (unintens.)- 130°, obsc.-204°.
	BOTANY BAY:						
6324 *K 2623*	-Endeavor, Henry, head.	34° 00.0′ S 151° 14.0′ E	**Oc.W.R.** period 3s lt. 2s, ec. 1s	87 **27**	7	White round tower.	R. 285°-320°, W.-103°, R.-140°.
6325 *K 2624.4*	-Inscription Point.	34° 00.0′ S 151° 14.0′ E	**Iso.W.R.** period 2s	103 **31**	W. 7 R. 5		W. 127°30′-312°, R.-344°.
6327 *K 2624*	-312°.	33° 58.0′ S 151° 11.1′ E	**Dir.F.W.R.G.**	56 **17**	W. 13 R. 5 G. 5		F.G. 306°06′-310°06′, Al.W.G.-311°18′, F.W.- 312°36′, Al.W.R.-313°48′, F.R.-316°.
			F.R.G.		5		G. 288°30′-306°06′, R.-326°42′.
6336 *K 2624.45*	-Sutherland Point.	34° 00.1′ S 151° 13.2′ E	**Fl.W.** period 2s			Beacon.	
6344 *K 2625*	-Range, front, about 372 meters 200° from La Perouse Tower.	33° 59.5′ S 151° 13.9′ E	**F.G.**	62 **19**	8		Visible 043°-103°.
6348 *K 2625.1*	--Rear, about 914 meters 073°12′ from front.	33° 59.4′ S 151° 14.4′ E	**F.G.**				Visible 043°-103°.
6349 *K 2625.5*	-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 *K 2625.51*	--Rear, 220 meters 253°12′ from front.	34° 00.0′ S 151° 12.2′ E	**Fl.Y.** period 2s				
6352 *K 2626*	-Refinery jetty, head.	34° 00.0′ S 151° 13.0′ E	**F.R.** Iso.R. period 5s	37 **11**	3		Private aid.
6356 *K 2624.5*	-Refinery jetty approach.	34° 00.0′ S 151° 13.0′ E	**Q.W.**	26 **8**	7	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.W.**	75 **23**	6		In line 312° with beacon Q.W. 16m 6M close SE.
			Dir.W.R.G.	56 **17**			F.G. 173°49′-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	**F.R.**	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	**F.W.**	59 **18**			
6381.1 *K 2626.81*	--Rear, 46 meters 073°22′ from front.	33° 58.1′ S 151° 13.3′ E	**F.W.**	75 **23**			
6382 *K 2626.9*	--S. Range, front.	33° 58.2′ S 151° 13.2′ E	**F.W.**	59 **18**			
6382.1 *K 2626.91*	---Rear, 46 meters 068°49′ from front.	33° 58.1′ S 151° 13.3′ E	**F.W.**	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	**F.R.**				
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	**F.R.**	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	**F.G.**	7 **2**	2	Pile.	
6397 *K 2631.95*	Woolaware Bay Range, front.	34° 01.2′ S 151° 07.6′ E	**F.R.**	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	**F.R.**	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.
6401 *K 2626.3*	-Kurnell Beach.	34° 00.5′ S 151° 12.5′ E	**Q.W.**			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				
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° 25.5′ S 150° 54.5′ 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 **F.Bu.**			Black beacon, white stripe.	
6432 *K 2618.1*	--Rear, 50 meters 190° from front.	34° 25.3′ S 150° 54.3′ E	**Fl.R.** period 3s **F.Bu.**			Black beacon, white stripe.	
	PORT KEMBLA:						
6436 *K 2603*	-Entrance Range, front.	34° 28.7′ S 150° 54.2′ E	**Iso.R.** period 2s	97 **30**	12	White metal framework tower, orange rectangular daymark.	
6436.1 *K 2603.1*	--Rear, 950 meters 207°46′ from front.	34° 29.0′ S 150° 54.0′ E	**Oc.R.** period 3s lt. 2s, ec. 1s	155 **47**	9	White metal framework tower, orange rectangular dayamrk.	
6437 *K 2602*	-Port Kembla, Range, front.	34° 28.5′ S 150° 54.3′ E	**Dir.Al.F.W.R.G.**	52 **16**	12	White round metal pylon with platform, orange triangular daymark, point up.	F.G. 210°30′-211°45′, Al.G.W.-212°22.5′ (W. phase increasing with bearing), F.W.-213°37.5′, Al.W.R.-214°15′ (R. phase increasing with bearing), F.R.-215°30′.
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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
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.
6464 *K 2610*	-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 *K 2610.1*	- -Rear, 600 meters 300°17′ from front.	34° 27.2′ S 150° 52.8′ E	**F.G.**	161 **49**	3	Metal framework tower, yellow triangular daymark, point down, red stripe; 75.	
6468 *K 2612*	-N. mole, head.	34° 27.8′ S 150° 54.0′ E	**2 F.G.** (vert.)			Metal pole.	
6472 *K 2612.2*	- -Root.	34° 27.7′ S 150° 53.9′ E	**5 F.G.** (vert.)			Metal pole.	
6476 *K 2611*	-S. mole, head.	34° 27.8′ S 150° 54.0′ E	**2 F.R.** (vert.)			Black metal pole.	
6480 *K 2611.2*	- -Root.	34° 27.8′ S 150° 53.9′ E	**5 F.R.** (vert.)			Metal pole.	
	-Inner Harbor:						
6493 *K 2613*	- -Eastern Basin Range, front.	34° 27.1′ S 150° 53.7′ E	**Iso.G.** period 2s	49 **15**	1		
6493.1 *K 2613.1*	- - -Rear, 250 meters 357° from front.	34° 26.9′ S 150° 53.7′ E	**Q.G.**	56 **17**	1		
6495	Shell Harbor, E. breakwater, head.	34° 34.7′ S 150° 52.6′ E	**Fl.G.** period 3s				Fl.R. 3s marks W. breakwater.
6496 *K 2598*	**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 *K 2598.5*	-S., head.	34° 40.3′ S 150° 52.2′ E	**Fl.R.** period 3s	52 **16**	6		
6500 *K 2594*	Crookhaven River, entrance.	34° 54.2′ S 150° 46.8′ E	**Q.W.**	72 **22**	8	White round tower; 23.	Q.Y. and Fl.Y. 2s range lights, moved as channel alters, lead over bar.
	JERVIS BAY:						
6504 *K 2588*	**-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 *K 2588.5*	-No. “6”.	35° 07.6′ S 150° 45.1′ E	**Fl.W.R.** period 5s			Beacon.	W. 145°-194°, R.-145°.
6506 *K 2590*	-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 *K 2589*	-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 *K 2591*	- - 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 *K 2592.65*	-Huskisson Reef.	35° 02.1′ S 150° 40.7′ E	**Iso.W.** period 2s			Black beacon, red bands.	
6519 *K 2592.6*	-Currumbene Creek Range, front.	35° 02.3′ S 150° 40.2′ E	**Fl.Y.**			Red triangular daymark, point up.	Occasional.
6519.1 *K 2592.61*	- -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 *K 2584*	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 *K 2587*	-Ulladulla, N. breakwater.	35° 21.0′ S 150° 29.0′ E	**Fl.G.** period 3s	30 **9**	3	White post; 10.	
6528 *K 2586*	--S. Breakwater.	35° 22.0′ S 150° 29.0′ E	**Fl.R.** period 3s	30 **9**	3	White post; 10.	
6532 *K 2585*	--Range, front.	35° 21.4′ S 150° 28.4′ E	**Oc.Y.** period 3s	10 **3**	4	Beacon, orange triangular daymark, point up; 10.	
6536 *K 2585.1*	---Rear, 30 meters 268°38′ from front.	35° 21.4′ S 150° 28.4′ E	**Oc.Y.** period 3s	18 **5**	4	Wooden framework tower, orange triangular daymark, point down; 16.	
6540 *K 2577.8*	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 *K 2582*	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 *K 2582.1*	-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 *K 2581*	-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 *K 2582.4*	-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 *K 2577.6*	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 *K 2578.3*	-Entrance Range, front.	35° 54.5′ S 150° 08.4′ E	**Fl.Y.** period 3s				
6564 *K 2578.3*	--Rear.	35° 54.6′ S 150° 07.3′ E	**Fl.Y.** period 3s				
6565 *K 2578.2*	-Breakwater.	35° 54.6′ S 150° 09.0′ E	**Fl.G.** period 3s				
6567 *K 2577.2*	Wagonga River, breakwater.	36° 12.6′ S 150° 07.5′ E	**Fl.G.** period 3s	20 **6**	4		
6568 *K 2576*	**Montague Island.**	36° 15.2′ S 150° 13.9′ E	**Fl.W.** period 7.5s	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 *K 2574*	Bermagui Bay.	36° 25.0′ S 150° 04.0′ E	**Iso.W.** period 2s		10	Pole.	Visible 205°-000°. Obscured elsewhere.
6576 *K 2572*	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.
6580 *K 2572.6*	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
6584 *K 2573.2*	-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°.
6588 *K 2570*	**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 *K 2558*	**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 *K 2561*	Mallacoota Inlet.	37° 34.0′ S 149° 46.0′ E	**F.R.**	49 **15**	3	Steel tower, seven foot neon triangle.	
6598 *K 2557.5*	**Little Rame Head.**	37° 41.2′ S 149° 40.3′ E	**Fl.W.** period 10s	187 **57**	**17**	White fiberglass hut; 7.	
6600 *K 2557*	Wingan Point.	37° 45.0′ S 149° 31.0′ E	**Fl.W.** period 5s fl. 0.5s, ec. 4.5s	52 **16**	7	Pole; 16.	
6604 *K 2556*	Point Hicks.	37° 48.2′ S 149° 16.3′ E	**Fl.(2)W.** period 10s	184 **56**	10	White round tower; 72.	
6608 *K 2555*	Cape Conran.	37° 49.0′ S 148° 44.0′ E	**Fl.W.** period 8s fl. 1s, ec. 7s	48 **15**	9	Steel tower; 18.	
6612 *K 2554*	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 *K 2542.3*	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 *K 2542.4*	North East Island.	39° 26.7′ S 147° 22.6′ E	**Fl.(4)W.** period 20s	351 **107**	14	White fiberglass hut; 13.	
6620 *K 2542.5*	**Craggy Island.**	39° 41.3′ S 147° 40.5′ E	**Fl.W.** period 10s	374 **114**	**16**	White hut; 7.	
6625 *K 2543.85*	Flounder A RACON.	38° 18.8′ S 148° 26.3′ E	**Q(– – • –)**		**15**	Platform.	Azimuth coverage 070°-190°. (3 & 10cm).
6627 *K 2543.24*	Kingfish B RACON.	38° 36.0′ S 148° 11.3′ E	**B(– • • •)**		**16**	Platform.	Azimuth coverage 125°-245°. (3 & 10cm).
			TASMANIA				
6630 *K 3600.5*	Outer Sister Island.	39° 39.0′ S 147° 59.9′ E	**Fl.(2)W.** period 10s	567 **173**	10	White structure; 6.	
6632 *K 3600.6*	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 *K 3600.8*	Cat Island, summit.	39° 57.2′ S 148° 21.4′ E	**Fl.W.** period 2.5s	102 **31**	14	White hut; 13.	
6640 *K 3600.4*	Kangaroo Island.	40° 11.3′ S 147° 54.8′ E	**Fl.W.** period 3s fl. 1s, ec. 2s	12 **4**	4		
6644 *K 3600*	**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.
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′.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			TASMANIA				
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.	40° 14.0′ S 148° 17.0′ E	**Oc.W.R.G.** period 3s		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° 26.3′ S 148° 28.5′ E	**Fl.(3)W.** period 12s	82 **25**	7	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**	**18**	White round stone tower; 89.	Visible 070°-033°.
6656 *K 3606*	**Eddystone Point.**	41° 00.0′ S 148° 21.0′ E	**Fl.(2)W.** period 15s	139 **42**	**26**	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° 07.4′ S 148° 20.8′ E	**Fl.(3)W.** period 10s	413 **126**	**21**	White tower; 30.	
6666 *K 3609*	Great Oyster Bay, Coles Bay breakwater.	42° 07.7′ S 148° 17.8′ E	**F.G.** (neon)	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° 32.0′ S 147° 57.0′ E	**Oc.W.** period 6s	187 **57**	**18**	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	**Fl.G.** period 5s		5		
6680 *K 3610.2*	Spring Bay, jetty, head.	42° 32.0′ S 147° 56.0′ E	**F.G.**		2		
6682 *K 3610.1*	-Horseshoe Shoal.	42° 31.7′ S 147° 55.0′ E	**Fl.G.** period 3s	13 **4**	3	STARBOARD (A) G, beacon.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			TASMANIA				
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 6.1s	148 **45**	6	White framework tower.	
6720 *K 3621*	Isle of Caves.	42° 54.5′ S 147° 39.1′ E	**L.Fl.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, 174°.	42° 54.6′ S 147° 21.0′ E	**Dir.F.Y.R.G.**	24 **7**	7	Column.	R. 166°30′-171°, Y.-173°54′, G.-174°06′, R.-176°30′. 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.**				
	-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.**				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			TASMANIA				
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.	42° 53.1′ S 147° 20.1′ E	**Iso.G.** period 3s				
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.,** **Dir.F.Y.G.R.**			Orange beacon.	Y. 130°-134°37.5′, G.-135°22.5′, 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.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			TASMANIA				
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.G.**				
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. 2.5s	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° 31.7′ S 146° 59.9′ E	**Q.(3)W.** period 4s fl. 0.3s, ec. 0.6s fl. 0.3s, ec. 0.6s fl. 0.3s, ec. 1.9s	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°.
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)

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			TASMANIA				
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, NE. extremity of Three Hummock Island.	40° 24.0′ S 144° 57.3′ E	**Fl.W.** period 5s	132 **40**	8	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.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			TASMANIA				
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.	
	RIVER TAMAR:						
7088 *K 3566*	**-Low Head.**	41° 03.4′ S 146° 47.3′ E	**Fl.(3)W.** period 30s fl. 1s, ec. 4.8s fl. 1s, ec. 4.8s fl. 0.1s, ec. 20.1s	142 **43**	**23**	White round brick tower, red band; 68.	
			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°.

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			TASMANIA				
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.**				
7157.9 *K 3585.4*	---E. end.	41° 08.5′ S 146° 51.2′ E	**F.Bu.**				
7158 *K 3586*	--Tanker Berth.	41° 08.4′ S 146° 51.6′ E	**F.R.W.** (vert.)				
7158.1 *K 3586.2*	--Bell Bay Wharf, SW. end.	41° 08.3′ S 146° 51.7′ E	**F.R.** (neon)				
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.**				
7159.3 *K 3587.21*	---Rear, 45 meters 064°46′ from front.	41° 08.1′ S 146° 53.1′ E	**F.R.**				
7159.5 *K 3587.4*	-Long Reach, No. “1”.	41° 08.6′ S 146° 53.4′ E	**Fl.G.** period 3s	16 **5**	2		
7159.6 *K 3587.6*	--Power Station Jetty, head.	41° 08.7′ S 146° 54.0′ E	**F.R.**				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			TASMANIA				
7160 *K 3588.1*	-Long Reach Range, front.	41° 10.8′ S 146° 56.7′ E	**F.R.**	13 **4**	3	Beacon.	
7160.1 *K 3588.11*	- -Rear, 131°54' from front.	41° 10.9′ S 146° 56.8′ E	**F.R.**	26 **8**	3	Beacon.	
7162 *K 3598.88*	Bridport.	41° 00.1′ S 147° 23.8′ E	**Fl.W.** period 3s		5		
7164 *K 3599*	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°.

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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	**F.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° 14.0′ S 146° 32.0′ E	**Fl.W.** period 2.5s fl. 0.5s, ec. 2s	335 **102**	9	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.(3)W.** period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 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° 22.0′ S 145° 13.0′ E	**L.Fl.W.** period 6s fl. 2s, ec. 4s	12 **4**	3	Post.	
7372 *K 2438.1*	--Rear, about 914 meters 288° from front.	38° 22.3′ S 145° 12.8′ E	**Iso.W.** period 2s	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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-SOUTH COAST				
7392 *K 2442.2*	- -Jetty "1", N. end.	38° 21.0′ S 145° 13.0′ E	**2 F.G.** (vert.)	31 **9**	1		
7396 *K 2442*	- - -S. end.	38° 21.0′ S 145° 13.0′ E	**2 F.G.** (vert.)	31 **9**	1		
7408 *K 2451*	-Jetty, head.	38° 14.0′ S 145° 18.0′ E	**F.Y.**	15 **5**	2		
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*	-Cowes, 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	**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.**

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-SOUTH COAST				
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.
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, near front light.	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	**F.R.**	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-SOUTH COAST				
	-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°.
7512 *K 2319*	--Portsea, pier, head.	38° 19.2′ S 144° 42.7′ E	**F.R.G.**	23 **7**	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**	3	STARBOARD (A) G, beacon.	
7514 *K 2322.35*	---No. “2”.	38° 17.8′ S 144° 42.4′ E	**Fl.R.** period 3s	30 **9**	3	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**	3	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**	3	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**	3	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**	3	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**	3	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**	2	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**	2		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**	2	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**	2	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**	3	STARBOARD (A) G, beacon.	
7523 *K 2322.7*	---No. “10”.	38° 19.0′ S 144° 48.8′ E	**Fl.R.** period 3s	30 **9**	3	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**	5	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**	3	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**	3	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**	3	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**	3	STARBOARD (A) G, beacon.	
7528 *K 2323*	---No. “16”.	38° 19.9′ S 144° 52.4′ E	**Fl.(4)R.** period 12s	30 **9**	3	PORT (A) R, beacon.	
7529 *K 2323.2*	---No. “18”.	38° 19.9′ S 144° 53.4′ E	**Fl.R.** period 3s	30 **9**	3	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				
7530 *K 2323.25*	---No. “19”.	38° 20.2′ S 144° 54.4′ E	**Fl.(2)G.** period 5s	30 **9**	8	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**	3	PORT (A) R, beacon.	
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, about 1.8 km west of Eastern light.	38° 21.0′ S 144° 55.0′ E	**Fl.R.** period 6s	22 **7**	4	Post; 15.	
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		2	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, on roof of building.	38° 04.5′ S 145° 07.1′ E	**Fl.W.** period 3s	23 **7**	8		Visible 010°-150°.
7600 *K 2332*	--Mordialloc, jetty, head.	38° 00.9′ S 145° 04.9′ E	**F.R.**	39 **12**	3	Wooden post.	
7604 *K 2331.8*	--Mordialloc.	38° 00.7′ S 145° 05.1′ E	**Fl.G.** period 5s	23 **7**	2		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.
7624 *K 2216*	--Wedge, Popes Eye Bank Range, front.	38° 16.6′ S 144° 42.1′ E	**Dir.Fl.W.** period 5s	23 **7**	9	White beacon, orange rectangular daymark; 16.	Visible 202°54′-205°54′. Reserve light Fl.Y. 3s.
7628 *K 2216.1*	**---Monash,** rear, 5.2 km. 204°23′ from front.	38° 19.1′ S 144° 40.6′ E	**Oc.W.** period 15s lt. 12.5s, ec. 2.5s	157 **48**	**18**	Red and black masonry structure, orange rectangular daymark; 14.	Visible 135°-245°. Intensified 203°-206°. Reserve light Oc.W. 4.5s.
7632 *K 2222*	--Channel, No. “2”.	38° 15.7′ S 144° 42.3′ E	**Fl.(2)R.** period 5s	23 **7**	10	PORT (A) R, beacon, topmark.	
7633 *K 2221*	---No. “3”.	38° 16.0′ S 144° 42.6′ E	**Fl.(2)G.** period 5s	20 **6**	3	STARBOARD (A) G, beacon, topmark.	

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			AUSTRALIA-SOUTH COAST				
7634 *K 2222.5*	---No. “4”.	38° 14.9′ S 144° 42.9′ E	**Fl.(3)R.** period 10s	16 **5**	3	PORT (A) R, beacon, topmark.	
7636 *K 2223*	---No. “5”.	38° 14.9′ S 144° 43.1′ E	**Fl.(3)G.** period 10s	23 **7**	8	STARBOARD (A) G, beacon, topmark.	
7637 *K 2226*	---No. “6”.	38° 14.0′ S 144° 43.4′ E	**Fl.(4)R.** period 12s	13 **4**	3	PORT (A) R, beacon, topmark.	
7640 *K 2226.5*	---No. “7”.	38° 14.1′ S 144° 43.6′ E	**Fl.(4)G.** period 12s	23 **7**	3	STARBOARD (A) G, beacon, topmark.	
7642 *K 2228*	---No. “8”.	38° 13.1′ S 144° 44.0′ E	**Fl.R.** period 3s	23 **7**	8	PORT (A) R, beacon, topmark.	
7644 *K 2230*	---No. “9”.	38° 13.1′ S 144° 44.3′ E	**Fl.G.** period 3s	23 **7**	8	STARBOARD (A) G, beacon, topmark.	
7645 *K 2230.5*	---No. “10”.	38° 12.4′ S 144° 44.4′ E	**Fl.(2)R.** period 5s	13 **4**	3	PORT (A) R, beacon, topmark.	
7646 *K 2231*	---No. “11”.	38° 12.4′ S 144° 45.0′ E	**Fl.(2)G.** period 5s	13 **4**	3	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.	
7648 *K 2232*	--West Channel.	38° 11.7′ S 144° 45.3′ E	**Fl.W.R.** period 6s	36 **11**	W. 14 R. 11	White round hut on piles.	W. 342°-042°, R.-174°, W.-278°, R.-342°.
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.**	29 **9**	9	N. CARDINAL BY, beacon, topmark.	
7668 *K 2242*	--No. “1”.	38° 05.1′ S 144° 38.6′ E	**F.Fl.(2)G.** period 6s	29 **9**	3	STARBOARD (A) G, beacon, topmark.	
7672 *K 2242.2*	--No. “2”.	38° 05.1′ S 144° 38.6′ E	**F.Fl.(2)R.** period 6s fl. 0.3s, ec. 0.9s fl. 0.3s, ec. 4.5s	16 **5**	3	PORT (A) R, beacon.	
7676 *K 2242.4*	--No. “3”.	38° 05.0′ S 144° 38.0′ E	**Fl.G.** period 5s fl. 0.5s, ec. 4.5s	20 **6**	3	STARBOARD (A) G, beacon.	
7680 *K 2242.6*	--No. “4”.	38° 05.0′ S 144° 38.0′ E	**Fl.R.** period 4s fl. 0.3s, ec. 3.7s	23 **7**	3	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				
7684 *K 2242.8*	--No. “5”.	38° 05.0′ S 144° 37.0′ E	**Fl.G.** period 5s fl. 0.5s, ec. 4.5s	20 **6**	3	STARBOARD (A) G, beacon.	
7688 *K 2243*	--No. “6”.	38° 06.0′ S 144° 37.0′ E	**Fl.R.** period 4s fl. 0.3s, ec. 3.7s	23 **7**	3	PORT (A) R, beacon.	
7692 *K 2243.2*	--No. “7”.	38° 05.6′ S 144° 36.0′ E	**Fl.(3)G.** period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	20 **6**	6	STARBOARD (A) G, beacon.	
7693 *K 2243.3*	--No. “7A”.	38° 06.0′ S 144° 35.4′ E	**F.Fl.G.** period 2s		5	STARBOARD (A) G, beacon.	
7696 *K 2243.4*	--No. “8”.	38° 06.0′ S 144° 36.0′ E	**Fl.R.** period 4s fl. 0.3s, ec. 3.7s	23 **7**	3	PORT (A) R, beacon.	
7697 *K 2243.5*	--No. “8A”.	38° 06.0′ S 144° 35.5′ E	**F.Fl.R.** period 2s		5	PORT (A) R, beacon.	
7700 *K 2248*	--No. “9”.	38° 06.3′ S 144° 34.8′ E	**Fl.G.** period 4s	23 **7**	3	Black pillar on piles; 16.	
7704 *K 2249*	--No. “10”.	38° 06.4′ S 144° 34.9′ E	**Fl.R.** period 4s	23 **7**	3	PORT (A) R, beacon.	
7708 *K 2250*	--No. “11”.	38° 07.0′ S 144° 34.0′ E	**Fl.G.** period 4s	23 **7**	3	STARBOARD (A) G, beacon.	
7712 *K 2251*	--No. “12”.	38° 06.8′ S 144° 34.2′ E	**Fl.R.** period 4s	23 **7**	3	PORT (A) R, beacon.	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	**Fl.G.** period 4s	23 **7**	3	STARBOARD (A) G, beacon.	
7720 *K 2253*	--No. “14”.	38° 07.3′ S 144° 33.3′ E	**Fl.R.** period 4s	23 **7**	3	PORT (A) R, beacon.	Q.G. on pier head 1.9M S.
7724 *K 2253.2*	--No. “15”.	38° 07.6′ S 144° 32.7′ E	**F.Fl.G.** period 4s	23 **7**	5	STARBOARD (A) G, beacon.	
7728 *K 2253.4*	--No. “16”.	38° 07.7′ S 144° 32.7′ E	**F.Fl.R.** period 4s	23 **7**	5	PORT (A) R, beacon.	
7732 *K 2254*	--No. “17”.	38° 08.0′ S 144° 32.0′ E	**Fl.(3)G.** period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	20 **6**	3	STARBOARD (A) G, beacon.	
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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-SOUTH COAST				
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	--Point Henry, N. limit of channel Range, front.	38° 07.8′ S 144° 26.3′ E	**F.R.**	20 **6**	1	Red and white triangular daymark, point up.	Marks a line 2.8 meters off N. bank of channel.
7766	---Rear, 159° meters 233°44′ from front.	38° 07.8′ S 144° 26.2′ E	**F.R.**	23 **7**	1	Red and white triangular daymark, point down.	
7768 *K 2272*	--Hopetoun Channel Beacon No. “2”.	38° 07.0′ S 144° 27.0′ E	**Q.R.**	23 **7**	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 **6**	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 **6**	3	S. CARDINAL YB, beacon.	
7774 *K 2297.5*	--Marina breakwater, E. end.	38° 08.7′ S 144° 22.1′ E	**F.G.**	13 **4**	1		
7775 *K 2297.6*	---W. end.	38° 08.7′ S 144° 22.0′ E	**F.R.**	13 **4**	1		
7776 *K 2297*	--E. wharf, head.	38° 09.0′ S 144° 22.0′ E	**F.R.**	18 **5**	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 **6**	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 **6**	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 **4**		Dolphin.	
7808 *K 2311.2*	---50 meters from pier, head.	38° 06.9′ S 144° 22.0′ E	**F.R.** (neon)	42 **13**		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 **9**	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 **9**	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 **9**	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-SOUTH COAST				
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 **9**	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.	
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.G.**	16 **5**	3	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	**Oc.G.** period 3s lt. 2s, ec. 1s	23 **7**	3	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	**Fl.(2)R.** period 4s	16 **5**	2	PORT (A) R, beacon, topmark.	**Radar reflector.**

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-SOUTH COAST				
	-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.**
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.G.** period 5s		2	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.R.** period 5s	23 **7**	2	PORT (A) R, beacon.	
7896 *K 2338.1*	--Channel.	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.
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*	--Port Melbourne Range, front.	37° 50.3′ S 144° 54.2′ E	**F.G.**	32 **10**	2	Post, orange triangular daymark, point up; 33.	Visible 324°45′-344°45′.
			Q.G.	36 **11**	2	Same structure.	
7908 *K 2361.1*	---Rear, 480 meters 334°45′ from front.	37° 50.1′ S 144° 54.1′ E	**F.R.**	27 **8**	2	Post, orangle triangular daymark, point down; 26.	Visible 324°45′-344°45′.
			Q.R.	30 **9**	2	Same structure.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-SOUTH COAST				
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**			
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	**Fl.G.** period 5s	26 **8**	2	STARBOARD (A) G, beacon, topmark.	**Radar reflector.**
			F.G. (neon)				
7972 *K 2344*	--Webb Dock.	37° 50.8′ S 144° 54.3′ E	**Dir.F.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.**			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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-SOUTH COAST				
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.	
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° 51.5′ S 143° 30.6′ E	**Fl.(3)W.R.** period 18s fl. 0.1s, ec. 4.4s fl. 0.1s, ec. 4.4s fl. 0.1s, ec. 8.9s	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°.
	-Moyne 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.	

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-SOUTH COAST				
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.	
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. 4.9s	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.	35° 46.8′ S 137° 48.3′ E	**Fl.W.** period 4s		9	Red beacon, can topmark.	
	-Backstairs Passage:						
8200 *K 2106*	--Hog Bay.	35° 43.2′ S 137° 56.9′ E	**Fl.W.** 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	89 **27**	**19**	Metal framework tower on white fiberglass hut; 7.	
			Iso.R. period 2s	85 **26**	10		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		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-SOUTH COAST				
	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.	
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. R.	8 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. R.	8 3	W. 090°-270°, R.-090°. 2 F.R. 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.W.** 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*	-Entrance beacon.	34° 47.4′ S 138° 24.5′ E	**Fl.W.R.** period 2s	38 **12**	W. R.	8 3	Yellow round hut on tripod, black triangle topmark; 14.	W. 030°-310°, R.-030°. **Radar reflector.**
8274 *K 2055.2*	- -Channel beacon No. “1”.	34° 47.5′ S 138° 25.2′ E	**Fl.G.** period 4s			STARBOARD (A) G, beacon, topmark.	
8276 *K 2055.6*	-No. “2” Outward Range, front, channel beacon No. “5”.	34° 47.6′ S 138° 26.5′ E	**Fl.G.** period 4s			Beacon, orange triangular daymark.	
			F.R.				Ascending ripple light.
8280 *K 2055.61*	- -Rear, 600 meters 257°38′ from front.	34° 47.6′ S 138° 26.3′ E	**Fl.W., F.R.** period 4s			Beacon, triangular daymark, point down.	Descending ripple R. light.
8284 *K 2055.8*	-No. “1” Inward Range 101°12′, front, channel beacon No. “7”.	34° 47.7′ S 138° 26.8′ E	**Fl.G.** period 2s			Beacon, orange triangular daymark.	
			F.R.				Ascending ripple light.
8286 *K 2055.82*	-No. “3” Outward Range 240°24′, front, channel beacon No. “9”.	34° 47.5′ S 138° 27.5′ E	**Fl.G.** period 3s			Beacon, orange triangular daymark.	
			F.R.				

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			AUSTRALIA-SOUTH COAST				
8288 *K 2055.81*	--No. "1" Inward and No. "3" Outward common rear.	34° 47.6′ S 138° 27.2′ E	**Fl.W.** period 2s				Descending ripple R. light.
			F.R.				
8296 *K 2056*	-Channel beacon No. "2".	34° 47.6′ S 138° 26.7′ E	**Fl.R.** period 4s			PORT (A) R, beacon, topmark.	
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° 47.4′ S 138° 27.9′ E	**F.R.**	23 **7**		Beacon, orange triangular daymark, point up.	Ascending ripple light.
			Fl.W. period 3s	13 **4**			
8302 *K 2059.4*	-No. "4" Outward Range 209°59′, front.	34° 47.2′ S 138° 28.4′ E	**F.R.**	16 **5**		Beacon, orange triangular daymark, point up.	Ascending ripple light.
			Fl.G. period 2s	13 **4**		Same structure.	
8304 *K 2057.1*	--No. "2" Inward and No. "4" Outward common rear.	34° 47.3′ S 138° 28.3′ E	**F.R.**	49 **15**		Beacon, orange triangular daymark, point down.	Descending ripple light.
			F.R.	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	**F.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	**F.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	**F.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	**F.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.	
8338.2 *K 2060*	--No. "11".	34° 46.0′ S 138° 29.5′ E	**F.G.**	30 **9**		STARBOARD (A) G, beacon, topmark.	
8338.5 *K 2061.4*	--No. "12".	34° 45.9′ S 138° 29.5′ E	**F.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.	

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			AUSTRALIA-SOUTH COAST				
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.	
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	-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. 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-SOUTH COAST				
	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.**
8406 *K 2020*	**-Troubridge Hill.**	35° 10.0′ S 137° 38.5′ E	**Fl.(3)W.** period 15s	203 **62**	**21**	Red brick tower; 82.	Reserve light range 19M.
	-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 **86**	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 **107**	**16**	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 **78**	**16**	Square white tower; 11.	Visible 256°-122°.
			F.R.	256 **78**	11		Visible 065°-095°.
8420 *K 2002*	-West Cape.	35° 15.0′ S 136° 50.0′ E	**Fl.(2)W.** period 6s	220 **67**	12		Visible 333°-195°.
8424 *K 2001*	-Pondolowie Bay.	35° 14.0′ S 136° 50.0′ E	**Fl.W.R.** period 3s	60 **18**	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 **207**	**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 **30**	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 **6**	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 **7**	5	White wooden mast.	
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 **34**	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 **9**	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 **16**	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 **32**	**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 **7**	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 and 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 *K 1948.2*	--Breakwater.	32° 59.5′ S 137° 47.0′ E	**Fl.R.** period 5s		5	PORT (A) R, beacon, topmark.	
	-Whyalla:						
8532 *K 1936*	--Hummock Hill Range, front, about 256 meters northward of Whyalla Jetty Light.	33° 02.0′ S 137° 36.0′ E	**F.R.**	34 **10**		Beacon, triangular topmark, point up.	
8536 *K 1936.1*	---Rear, 1,666 meters 251° from front.	33° 02.5′ S 137° 34.9′ E	**F.R.**	46 **14**		Tower, triangular topmark, point down.	
8540 *K 1940*	--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 *K 1940.1*	---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 *K 1935.3*	--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 *K 1935*	--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 *K 1935.1*	---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 *K 1945*	--Marina, S. breakwater, head.	33° 02.5′ S 137° 35.6′ E	**Fl.R.** period 2s	30 **9**	2		
8557.2 *K 1945.2*	---N. breakwater, head.	33° 02.5′ S 137° 35.5′ E	**Fl.G.** period 2s	30 **9**	2		
8560 *K 1929*	**-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 *K 1902*	-Germein Point, SE. of point.	33° 45.0′ S 136° 59.0′ E	**Q.W.**	13 **4**	12		
	-Franklin Harbor:						
8568 *K 1904*	--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 *K 1904.1*	---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 *K 1908*	--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 *K 1908.1*	---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 *K 1910*	--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 *K 1910.1*	---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.	Visable 186°-006°.
8592 *K 1910.3*	--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 *K 1909.9*	---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 *K 1914*	--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 *K 1892*	-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 *K 1890*	-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 *K 1889*	-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 *K 1879*	**-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 *K 1879.2*	--Entrance.	34° 40.0′ S 135° 55.0′ E	**Fl.W.R.** period 4s				W. 260°-269°, R.-260°.
8624 *K 1879.3*	--No. “1”.	34° 40.0′ S 135° 54.0′ E	**Q.W.G.**				W. 259°-268°, G.-259°.
8624.5 *K 1879.4*	--No. “2”.	34° 40.0′ S 135° 54.0′ E	**Fl.R.** period 2s				
8625 *K 1879.6*	--No. “4”.	34° 41.0′ S 135° 53.0′ E	**Fl.R.** period 4s				
8625.5 *K 1879.7*	--No. “3”.	34° 42.0′ S 135° 53.0′ E	**Fl.G.** period 2s				
8626 *K 1879.9*	--No. “6”.	34° 41.9′ S 135° 52.7′ E	**Fl.R.** period 3s				
8632 *K 1884*	--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 *K 1888*	--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 *K 1885*	--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 *K 1885.1*	---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 *K 1881*	--Channel Beacon.	34° 45.0′ S 135° 55.0′ E	**Fl.R.** period 3s	20 **6**	3	Beacon.	
8656 *K 1881.6*	-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 *K 1882*	--Entrance beacon.	34° 44.6′ S 135° 52.8′ E	**Fl.R.** period 1.5s		4	PORT (A) R, beacon, topmark.	
8658 *K 1882.2*	--S. beacon.	34° 44.6′ S 135° 52.6′ E	**Fl.R.** period 4s		5	PORT (A) R, beacon, topmark.	
8658.1 *K 1882.3*	--N. breakwater.	34° 44.6′ S 135° 52.6′ E	**Fl.G.** period 4s		5	STARBOARD (A) G, beacon, topmark.	
8659 *K 1882.5*	--Marina Range, front.	34° 44.6′ S 135° 52.3′ E	**F.Bu.**		3		
8659.1 *K 1882.51*	---Rear, 141 meters 261° from front.	34° 44.6′ S 135° 52.3′ E	**F.Bu.**		3		
8660 *K 1880*	-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 *K 1878*	**-Cape Donington.**	34° 44.0′ S 136° 00.0′ E	**Oc.W.** period 6s	108 **33**	**18**		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-SOUTH COAST				
8668 *K 1876*	-Dangerous Reef.	34° 49.0′ S 136° 12.9′ E	**Fl.W.** period 2.5s fl. 0.5s, ec. 2s	36 **11**	10	White conical tower; 23.	
8672 *K 1874*	-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 *K 1873*	-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 *K 1872.5*	**-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 *K 1878.5*	-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 *K 1872*	**-South Neptune Island.**	35° 20.3′ S 136° 07.1′ E	**Fl.(3)W.** period 20s	141 **43**	**16**	Red brick round tower; 16.	
	-RACON		**B(– • • •)**				
8696 *K 1866*	**Whidbey Islands.**	34° 47.0′ S 135° 01.9′ E	**Fl.W.** period 5s	394 **120**	**15**	White hut with lantern on top; 18.	
8700 *K 1861*	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 *K 1862*	-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 *K 1860*	-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 *K 1860.1*	- -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 *K 1858*	Flinders Island.	33° 40.9′ S 134° 30.9′ E	**Fl.(2)W.** period 10s	220 **67**	11	White round steel tower; 13.	
8752 *K 1856*	**Pearson Islands.**	33° 57.0′ S 134° 15.0′ E	**Fl.(3)W.** period 30s fl. 0.1s, ec. 5s fl. 0.1s, ec. 5s fl. 0.1s, ec. 19.7s	260 **79**	**15**	White hut; 13.	Obscured 013°-023°, 175°-238°, 313°-322°, 350°-354°.
	STREAKY BAY:						
8756 *K 1847*	**-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	-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 *K 1852*	-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 *K 1854*	-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 *K 1818*	St. Francis Island.	32° 30.6′ S 133° 18.2′ 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	279 **85**	14	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° 50.0′ S 121° 56.0′ E	**Fl.(3)G.** period 7s		4		
8810 *K 1814.2*	-W. breakwater.	33° 50.3′ S 121° 55.9′ E	**Fl.(3)R.** period 7s		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° 55.4′ S 121° 54.2′ E	**Fl.(4)W.** period 16s	311 **95**	11	White 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 *K 1806.5*	**Mary Ann Haven.**	33° 56.1′ S 120° 08.2′ E	**Fl.W.** period 2s		**15**	Beacon.	
			Dir.F.W.R.G.	183 **56**	W. 8 R. 6 G. 6		G. 337°30′-339°30′, W.-340°30′, R.-342°30′.
8829 *K 1807*	-Breakwater.	33° 57.3′ S 120° 07.5′ E	**Fl.G.** period 3s	18 **5**	3	Post.	
8829.5 *K 1807.5*	-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 *K 1807.6*	- -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 *K 1806*	Bremer Bay.	34° 25.4′ S 119° 24.4′ E	**Fl.R.** period 3s	26 **8**	4		
8832 *K 1800*	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 *K 1801*	Emu Point.	35° 00.0′ S 117° 57.0′ E	**Dir.W.R.G.**	62 **19**	6	Tower.	F.G. 340°17′-341°17′, Al.W.G.-342°17′, W. phase increasing with bearing, F.W.-344°17′, Al.W.R.-345°17′, R. phase increasing with bearing, F.R.-346°17′.
			F.Bu.			Same tower.	
8838 *K 1801.08*	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 *K 1802*	-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 *K 1802.5*	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 *K 1802.51*	-Rear, 2000 meters 251°56′ from front.	35° 03.5′ S 117° 51.0′ E	**F.Bu.**	89 **27**		Orange rectangular daymark.	
8853 *K 1804.9*	-Turning Basin Range.	35° 02.7′ S 117° 54.4′ E	**Iso.W.** period 2s			Red triangular daymark, point up.	
8854 *K 1804.91*	- -Rear, 325 meters 117° from front.	35° 02.8′ S 117° 54.6′ E	**Iso.W.** period 8s			Red triangular daymark, point down.	
8856 *K 1796*	AVIATION LIGHT.	34° 57.0′ S 117° 48.0′ E	**Al.Fl.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 *K 1798*	**Eclipse Island.**	35° 10.9′ S 117° 53.2′ E	**Fl.(3)W.** period 12s	384 **117**	**15**	Round concrete tower; 39.	
8868 *K 1795*	**Point D'Entrecasteaux.**	34° 50.4′ S 116° 00.1′ E	**Fl.(4)W.** period 30s	360 **110**	**17**	White square tower; 10.	
8872 *K 1794*	**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 *K 1792*	**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 *K 1790*	**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 *K 1788*	Busselton jetty, head.	33° 37.8′ S 115° 20.2′ E	**Fl.W.** period 3s	26 **8**	2		
8886 *K 1787.8*	-E.	33° 37.8′ S 115° 23.2′ E	**Fl.(2)G.** period 5s				
	KOOMBANA BAY:						
8888 *K 1782*	**-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 *K 1784*	-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 *K 1784.5*	- -Anchorage Range, front.	33° 15.9′ S 115° 40.9′ E	**Q.W.**		5		
8900 *K 1784.51*	- - -Rear, 240 meters 089°26′ from front.	33° 15.9′ S 115° 41.1′ E	**Iso.W.** period 4s		5		
8908 *K 1785.1*	-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 *K 1786.3*	-Harbor Channel Range, front.	33° 19.2′ S 115° 39.1′ E	**F.Bu.**			Red triangular daymark, point up.	Channel marked by beacons.
8916 *K 1786.31*	- -Rear, about 231 meters 180° from front.	33° 19.3′ S 115° 39.1′ E	**F.Bu.**			Red triangular daymark, point down.	
8918 *K 1787.08*	- -Beacon.	33° 18.3′ S 115° 38.8′ E	**Q.(3)W.** period 10s	13 **4**	3	E. CARDINAL BYB, beacon, topmark.	
8919 *K 1787.12*	- -Disused jetty, head.	33° 18.4′ S 115° 38.8′ E	**Q.R.**				
8920 *K 1786.5*	-Range, front.	33° 19.5′ S 115° 39.8′ E	**F.R.**			Red triangular daymark, point up.	
8924 *K 1786.51*	- -Rear, about 100 meters 135° from front.	33° 19.5′ S 115° 39.9′ E	**F.R.**			Red triangular daymark, point down.	
8925.5 *K 1781.8*	**White Hill.**	32° 41.3′ S 115° 36.8′ E	**Fl.(2)W.** period 15s	167 **51**	**15**		Visible 355°-195°
8925.7 *K 1781.77*	Dawesville, entrance.	32° 36.1′ S 115° 37.6′ E	**Fl.G.** period 4s			STARBOARD (A) G, beacon, topmark.	
8926 *K 1781.6*	**Robert Point.**	32° 31.7′ S 115° 41.9′ E	**Fl.W.** period 2s	174 **53**	**15**		Visible 035°-185°.
8926.2 *K 1781.47*	-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 *K 1781.5*	-N.	32° 30.7′ S 115° 42.2′ E	**Q.W.**		4	N. CARDINAL BY, beacon, topmark.	

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			AUSTRALIA-WEST COAST				
8926.5 *K 1781.7*	Peel Inlet.	32° 31.3′ S 115° 42.5′ E	**Fl.G.** period 3s	23 **7**	3		
8926.7 *K 1781.53*	Bight Reef.	32° 29.6′ S 115° 43.8′ E	**Q.(9)W.** period 15s		4	W. CARDINAL YBY, beacon, topmark.	
	WARNBRO SOUND:						
8928 *K 1781.4*	-Range, front.	32° 20.5′ S 115° 42.2′ E	**Q.W.**	29 **9**	7	Round tower, triangular daymark, point up.	Fishing light.
8932 *K 1781.41*	- -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 *K 1781*	-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 *K 1780.9*	**Garden Island.**	32° 12.9′ S 115° 40.4′ E	**Fl.(3)W.** period 12s	161 **49**	**15**		
	COCKBURN SOUND:						
8944 *K 1780.73*	-Submarine Wharf.	32° 13.8′ S 115° 41.8′ E	**Q.W.**	23 **7**	2		
8945 *K 1780.75*	-W. side.	32° 13.8′ S 115° 41.6′ E	**F.G.**			On dolphin.	Fl.G. 3s 580 meters W.
8948 *K 1780.7*	-Colpoys Point.	32° 13.5′ S 115° 41.9′ E	**Fl.G.** period 5s	36 **11**	11		
8950 *K 1780.75*	-Pier, head.	32° 13.8′ S 115° 41.5′ E	**F.G.**				
8952 *K 1780.76*	-Small boat harbor breakwater, head.	32° 13.9′ S 115° 41.3′ E	**Q.R.**	16 **5**	2		
8954 *K 1780.8*	-Sulphur Bay Wharf, head.	32° 10.6′ S 115° 40.8′ E	**Q.Y.**				
8956 *K 1780.78*	-Careening Bay S.	32° 14.4′ S 115° 42.0′ E	**Q.W.**			N. CARDINAL BY, beacon ,topmark.	
8957 *K 1779.6*	-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 *K 1780.77*	-Minstrel Channel, E. end.	32° 14.4′ S 115° 42.6′ E	**Q.W.**		3	N. CARDINAL BY, beacon, topmark.	
8958 *K 1779.4*	-Southern Flats.	32° 15.2′ S 115° 43.4′ E	**Q.(3)W.** period 10s	16 **5**	9	E. CARDINAL BYB, beacon, topmark.	
8960 *K 1778.6*	-Bulk cargo berth, at N. head of pier.	32° 14.0′ S 115° 45.0′ E	**F.R.**	16 **5**	1		
8964 *K 1778.64*	- -S. head.	32° 15.0′ S 115° 45.0′ E	**F.R.**	20 **6**	1		
8968 *K 1778*	-Kwinana Refinery Range, front.	32° 13.8′ S 115° 45.2′ E	**F.Bu.**	27 **8**	2	Column.	Visible 118°-148°.
8972 *K 1778.1*	- -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 *K 1778.3*	- -Water intake.	32° 13.6′ S 115° 45.3′ E	**2 F.W.**				
8974 *K 1778.2*	-James Point.	32° 13.3′ S 115° 44.9′ E	**Q.(9)W.** period 15s			W. CARDINAL YBY, beacon, topmark.	
8976 *K 1777*	-Stirling Channel Range, front.	32° 13.0′ S 115° 46.0′ E	**F.G.**	96 **29**	9	Tower; 92.	

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			AUSTRALIA-WEST COAST				
8980 *K 1777.1*	- -Rear, 550 meters 105°42′ from front.	32° 12.6′ S 115° 46.3′ E	**F.G.**	142 **43**	9	Chimney; 159.	
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° 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*	- -Bathhurst 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**			

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			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° 03.4′ S 115° 43.9′ E	**Iso.G.** period 2s	49 **15**	11	Green round iron tower, white dome; 30.	
9076 *K 1764*	-N. mole, head.	32° 03.2′ S 115° 43.5′ E	**Iso.R.** period 2s	49 **15**	11	Red round iron tower, white dome; 30.	**Radar reflector.**
			V.Q.R.	52 **16**	6		
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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-WEST COAST				
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.
9090.51 *K 1768.51*	---Rear, 16 meters 062°27′ 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 125°10′ 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.Fl.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	**Fl.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	**Fl.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	**Fl.(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.Fl.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	**Fl.(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 Fl.(2)R. and Fl.(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.Fl.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 022°43′ 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	**Fl.G.** period 4s		3	Green post.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-WEST COAST				
9112 *K 1757.5*	**Guilderton.**	31° 20.4′ S 115° 29.4′ E	**Fl.(3)W.** period 20s	243 **74**	**22**	Red brick tower; 98.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-WEST COAST				
9156.2 *K 1754.5*	-Harbor Range, front.	29° 16.7′ S 114° 54.8′ E	**F.Bu.**	33 **10**		White stone beacon.	
9156.3 *K 1754.51*	--Rear, 50 meters 175°54′ 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 **36**	**17**		
9158 *K 1755*	Leeman Range, front.	29° 56.9′ S 114° 59.0′ E	**Q.W.**	52 **16**	9		
9158.1 *K 1755.1*	-Rear, 742 meters 116°09′ from front.	29° 56.8′ S 114° 59.0′ E	**Fl.W.** period 2s	85 **26**	**15**		
9160 *K 1753.6*	**Pelsaert Island.**	28° 59.4′ S 113° 57.7′ E	**Fl.W.** period 5s	70 **21**	13	Stainless steel column; 66.	
	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 **34**	**23**	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 **40**	**26**	Control tower.	
9169 *K 1742*	-Approach Range, front.	28° 44.8′ S 114° 36.5′ E	**Iso.W.** period 3s	36 **11**	8	Metal framework tower, white rectangular daymark, black stripe.	
9169.1 *K 1742.1*	--Rear, 850 meters 071°23′ from front.	28° 44.6′ S 114° 37.1′ E	**F.Bu.**	55 **17**	8	Metal framework tower, white rectangular daymark, black stripe.	Visible 056°18′-086°18′.
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 **9**	6	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 **7**	3	Black concrete framework tower.	
9176 *K 1752*	-E. breakwater.	28° 46.3′ S 114° 36.0′ E	**Fl.R.** period 3s	23 **7**	3	Black concrete framework tower.	
9180 *K 1744*	-Harbor Range, front.	28° 46.7′ S 114° 36.0′ E	**F.R.**	55 **17**		Steel pillar, red triangular daymark.	
9184 *K 1744.1*	--Rear, 152 meters 180°04′ from front.	28° 46.7′ S 114° 36.1′ E	**2 F.R.** (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 195° 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 **8**	3		
9190 *K 1753.21*	--Port groin.	28° 45.9′ S 114° 36.6′ E	**L.Fl.R.** period 6s		3	Red metal tube.	
9192 *K 1753.25*	--Inner port groin.	28° 45.9′ S 114° 36.7′ E	**F.R.**	26 **8**			

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			AUSTRALIA-WEST COAST				
9198 *K 1753.4*	Hummock Island.	28° 47.9′ S 114° 02.4′ E	**Fl.(2)W.** period 6s	49 **15**	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	58 **18**	**15**	White hut; 12.	
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**	12	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.	
	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° 37.9′ E	**Fl.W.R.** period 5s	98 **30**	W. 13 R. 9	White square wooden framework structure; 60.	R. 343°-029°, W.-137°, R.-163°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-WEST COAST				
9254 *K 1720*	-Teggs Channel No. "1".	24° 54.5′ S 113° 37.6′ E	**Q.(6)+L.Fl.W.** period 15s		8	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° 49.0′ S 114° 08.0′ E	**Fl.W.** period 3s	450 **137**	**26**	Steel lattice tower.	F.R. on tower 5.1 miles SSW.
9280 *K 1712*	Y Islet.	21° 57.0′ S 114° 25.0′ E	**Fl.W.** period 3s	41 **12**	7	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	65 **20**	9	Framework tower; 56.	
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		
	MARY ANNE PASSAGE:						
9304 *K 1698*	-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**	10	Openwork steel tower; 69.	
9308 *K 1696*	-Mary Anne Reef.	21° 15.2′ S 115° 27.2′ E	**Fl.W.** period 5s	26 **8**	10	White fiberglass hut; 13.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-NORTH COAST				
	BARROW ISLAND:						
9312 *K 1695*	-Great Sandy Island.	21° 12.2′ S 115° 38.8′ E	**Fl.(3)W.** period 12s	56 **17**	10	White steel house; 12.	
9316 *K 1694*	-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 *K 1692.4*	-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	Bambra caisson.	20° 32.9′ S 115° 36.2′ E	**Mo.(U)Y.**	59 **18**	10		
9328 *K 1691.98*	**North West Island.**	20° 21.6′ S 115° 31.5′ E	**Fl.W.** period 5s	55 **17**	**16**	White hut; 13.	
9332 *K 1691.99*	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	*CALM Wanaea.*	19° 35.4′ S 116° 26.7′ E	**Mo.(U)W.** period 15s				**Radiobeacon.**
9336 *K 1690.4*	Rosemary Island, N. end.	20° 29.0′ S 116° 36.0′ E	**Fl.W.** period 5s fl. 0.5s, ec. 4.5s	150 **46**	10	White hut with lantern on top; 12.	
9340 *K 1690.6*	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 *K 1691*	-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 *K 1691.2*	-Parker Point Wharf, off W. end.	20° 38.2′ S 116° 43.0′ E	**F.R.**		3	Dolphin.	
9340.72 *K 1691.25*	- -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 *K 1691.19*	- -Mooring.	20° 38.0′ S 116° 43.1′ E	**Fl.W.** period 3s			Pile.	
9340.8 *K 1691.4*	-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 *K 1691.42*	- -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 *K 1691.41*	- - -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.	
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		Fl.R. 3s 3M marks E. end.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-NORTH COAST				
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*	- -Hamersly 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*	- -Directional light 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.	
9343.8 *K 1691.96*	-Woodside Materials Offloading Facility.	20° 36.9′ S 116° 45.2′ E	**Oc.W.R.** period 5s	55 **17**	W. 7 R. 5		R. 052°-090°, W.-123°, R.-155°.
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° 34.7′ S 117° 10.4′ E	**2 F.R.** (neon)	69 **21**	2		Neon strips, one on each head dolphin. Ore wharf conveyor marked by 5 F.W. and 1 F.Bu.
9349	-Range, common front.	20° 34.7′ S 117° 10.3′ E	**F.R.**				
9349.3 *K 1685.59*	- -Rear, 260 meters 160° from common front.	0° 00.0′ 0° 00.0′	**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)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-NORTH COAST				
9364 *K 1684*	AVIATION LIGHT.	20° 23.0′ S 118° 37.0′ E	**Al.Fl.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**			
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)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-NORTH COAST				
	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° 59.0′ S 122° 11.0′ E	**Fl.(2)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 R. 8	Framework tower; 16.	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**		
9452 *K 1650*	**Cape Leveque.**	16° 23.8′ S 122° 55.7′ E	**Fl.(3)W.** period 20s	142 **43**	**22**	White tower; 43.	
	RACON		**K(– • –)** period 90s		**18**		Azimuth coverage 219°-069°.
	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.	

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			AUSTRALIA-NORTH COAST				
9464 *K 1656.1*	- -Rear, 400 meters 138°44′ 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	-Cockatoo Island.	16° 05.7′ S 123° 36.6′ E	**Fl.W.** period 10s	428 **130**	9		Occasional.
9500 *K 1640*	**-Adele Island.**	15° 30.7′ S 123° 09.4′ E	**Fl.W.** period 5s	102 **31**	**17**	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**		
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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-NORTH COAST				
	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	**Fl.(2)Bu.** period 5s	13 **4**	4	Black metal pole; 12.	
9532 *K 3326*	--AVIATION LIGHT, 6.8 km 056° from Emery Point Light.	12° 25.0′ S 130° 52.0′ E	**Al.Fl.W.G.** period 7.5s	185 **56**	**26**	On water tank.	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	**Q.W.**	19 **6**	4	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	**Iso.W.** period 2s	36 **11**	4	Pole, triangular daymark, point down.	
			Q.Bu.		3		Visible 212°-032°.
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.	
9535.8 *K 3329.6*	-Middle Arm.	12° 31.6′ S 130° 51.1′ E	**Fl.(4)W.** period 15s	16 **5**	4	SPECIAL Y, beacon.	
9535.9 *K 3330*	-Fish Reef.	12° 25.9′ S 130° 26.6′ E	**L.Fl.W.R.** period 10s	33 **10**	W. 10 R. 8	Concrete tower.	W. 056°-257°, R.-056°.
9536 *K 3317*	-Southwest Vernon Island.	12° 06.0′ S 131° 01.9′ E	**Fl.(4)W.** period 20s	26 **8**	10	White concrete column; 11.	**Radar reflector.**
9538 *K 3317.5*	-Northwest Vernon Island.	12° 02.9′ S 130° 59.7′ E	**Fl.(2)W.R.** period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 **10**	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° 05.8′ E	**Fl.W.R.G.** period 5s	39 **12**	W. 11 R. 8 G. 8	Red tower 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° 18.0′ S 131° 46.0′ E	**Fl.W.** period 10s	163 **50**	**22**	Gray concrete tower, white lantern; 118.	Intensified on 260°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-NORTH COAST				
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°.
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-NORTH COAST				
	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	*Carpentaria Shoal.*	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° 34.2′ S 141° 35.9′ E	**Fl.W.** period 5s fl. 1s, ec. 4s	154 **47**	**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 7.5s fl. 0.2s, ec. 7.3s	120 **37**	**21**	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°.
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° 35.0′ S 142° 12.0′ 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° 34.8′ S 142° 12.4′ E	**F.Bu.** (neon)			White triangle, point down on rectangular daymark.	F.W. by day.
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° 31.0′ S 142° 12.8′ E	**Fl.(2)W.R.G.** period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	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**	11	White fiberglass hut on white column; 19.	**Radar reflector.**

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-NORTH COAST				
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°.
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° 33.3′ S 142° 19.7′ 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.-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° 18.8′ S 142° 41.0′ 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.**
9690 *K 3278.5*	-Kircaldie Reef.	10° 20.1′ S 142° 49.9′ E	**Fl.W.R.** period 2.5s	29 **9**	W. 10 R. 7	Red hut on column, 23.	W. 214°-205°, R-214°.
	-RACON		**K(– • –)**		7		
9692 *K 3279*	-Sue Islet.	10° 12.1′ S 142° 49.1′ E	**Fl.(2)W.** period 10s	16 **5**	10	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 **8**	10	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 **7**	10	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. 9s	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	23 **7**	6	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 **16**	10	White metal framework tower; 42.	
9708 *K 3288*	-Dalrymple Islet, W. end.	9° 37.0′ S 143° 17.8′ E	**Fl.W.** period 5s	79 **24**	10	Stainless steel lattice tower; 69.	Partially obscured 242°-258°.
	-RACON		**M(– –)**		**15**		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-NORTH COAST				
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 **19**	**16**	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 **32**	14	Red fiberglass tower, on metal framework tower, on 4-piled structure with helipad connected by walkway; 102.	
	-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.G.** period 2.5s	82 **25**	W. 10 G. 7	Metal framework tower; 69.	W. 139°-034°, G.-119°, obsc.-137°, G.-139°.
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. 162°-152°, R.-162°.
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.	
9772 *K 3238*	Wye Reef.	12° 48.5′ S 143° 36.4′ E	**Fl.(3)W.** period 15s	23 **7**	10	Beacon.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
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°.
9778 *K 3235.5*	*Osborne Reef.*	12° 59.7′ S 143° 43.5′ E	**V.Q.(3)W.** period 5s			E. CARDINAL BYB, pillar, topmark.	
	RACON		**O(– – –)**				
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.	
9782 *K 3235*	*Diamond Reign Reefs.*	13° 11.5′ S 143° 47.8′ E	**Q.(3)W.** period 10s			E. CARDINAL BYB, pillar, topmark.	
	RACON		**K(– • –)**				
9784 *K 3233*	Bow Reef.	13° 18.5′ S 143° 40.2′ E	**Fl.W.** period 2.5s	29 **9**	10	Concrete column, white square hut; 26.	
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°.
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°.
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.	
9808 *K 3226.6*	Eden Reef.	14° 04.7′ S 143° 55.0′ E	**Fl.(4)W.R.** period 16s	21 **6**	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.(2)W.** period 6s	54 **16**	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
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*	Mageara 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.	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, with helideck and walkway; 26.	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**			
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, front.	15° 27.7′ S 145° 14.8′ E	**Q.Y.** **Fl.Y.** period 3s		4	White triangular daymark, black stripe, point up.	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*	- -Rear, 514 meters 228°44′ from front.	15° 27.9′ S 145° 14.6′ E	**Iso.W.** period 2s **Fl.Y.** period 3s		4	White triangular daymark, black stripe, point down.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
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		**K(– • –)**				
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		**M(– –)**		**22**		
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		**C(– • – •)**		10		
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°.
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:						
9904 *K 3172*	-Entrance.	16° 55.2′ S 145° 46.8′ E	**Dir.Iso.W.R.G.** period 4s	59 **18**	11		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
9913 *K 3173*	-Entrance channel "C1".	16° 50.0′ S 145° 50.0′ E	**V.Q.(3)W.** period 5s			E. CARDINAL BYB, topmark.	
9914 *K 3173.2*	- -"C2".	16° 50.1′ S 145° 49.8′ E	**Fl.R.** period 4s			PORT (A) R, topmark.	
9915 *K 3172.3*	-Entance channel "T1".	16° 54.8′ S 145° 47.0′ E	**Q.W.** Fl.Y. period 4s			Beacon, rectangular daymark.	F.W. by day (occasional).
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.Fl.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				
9956 *K 3168*	**Little Fitzroy Island.**	16° 55.4′ S 146° 00.4′ E	**Fl.(3)W.R.G.** period 15s	108 **33**	W. **15** R. 12 G. 12	White hut; 13.	G. 197°-214°, W.-223°, R.-240°, W.-020°, obsc.-083°, W.-197°.
9960 *K 3168.5*	-Jetty, head.	16° 56.0′ S 145° 59.0′ E	**F.G.**				
9962	*Stagg Patches Buoy.*	17° 00.9′ S 146° 07.5′ E	**Q.(9)W.** period 15s			W. CARDINAL YBY, pillar, topmark.	
	RACON		**O(– – –)**				
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	**F.R.** (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	**F.R.** (neon)		4	Red triangular daymark, orange border.	Visible 262°-284°. F.W. shown by day.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
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.
9992 *K 3137*	Bingil Bay, jetty.	17° 51.1′ S 146° 06.4′ E	**F.G.**		2		
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.	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	92 **28**	10	Framework tower on piles; 82.	
	RACON		**G(– – •)**		**16**		
10008 *K 3120.7*	-Rib Reef.	18° 28.9′ S 146° 52.7′ E	**Fl.(2)W.** period 8s	30 **9**	10	Tower.	
	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				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	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.G.** period 7.4s W. fl. 0.2s G. fl. 0.2s	36 **11**	W. **28** G. **24**		Occasional. **Aero Radiobeacon** 1260 meters NW.
10053 *K 3096.4*	-Approach.	19° 07.8′ S 146° 54.3′ E	**Q.W.**			N. CARDINAL BY, beacon, topmark.	
10056 *K 3097*	-Sea Channel Range, front, "P4".	19° 11.9′ S 146° 51.9′ E	**Dir.Q.W.** Fl.R. period 4s				F.W. by day (occasional). E. and W. limits of dredged channel each marked by Fl.W. 2.5s and Fl.W. 3s lights in line.
10060 *K 3097.01*	- -Rear, 0.5 mile 201°30′ from front.	19° 12.4′ S 146° 51.7′ E	**Dir.Iso.W.** period 2s **Fl.(2)W.** period 6s			ISOLATED DANGER BRB, beacon, topmark.	F.W. by day (occasional).
10061 *K 3096.5*	-Sea Channel "S2".	19° 08.4′ S 146° 53.4′ E	**Q.R.**			PORT (A) R, beacon, topmark.	Sea Channel marked by beacons "S4" to "S12".
10062 *K 3100*	-Platypus Channel Range, front.	19° 15.1′ S 146° 49.8′ E	**F.Bu., Q.R.** Iso.W. period 4s			White structure, red stripe.	F.W. by day.
10062.1 *K 3100.1*	- -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 *K 3097.4*	-Platypus Channel "P1".	19° 11.6′ S 146° 51.9′ E	**Q.G.**			STARBOARD (A) G, beacon, topmark.	Platypus Channel marked by lighted port and starboard beacons "P2" to "P14".
10063.2 *K 3106.2*	-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 *K 3106.21*	- -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 *K 3106*	-Outer Harbor Range, front.	19° 14.9′ S 146° 50.3′ E	**Q.G.**			Rectangular daymark.	F.W. by day (occas.).
10063.41 *K 3106.01*	- -Rear, 40 meters 184°14′ from front.	19° 14.9′ S 146° 50.3′ E	**Iso.G.** period 2s				F.W. by day (occas.).
10063.6 *K 3101.8*	-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.).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
10063.61 *K 3101.81*	--Rear, 100 meters 004°23′ from front.	19° 14.1′ S 146° 50.3′ E	**Iso.Bu.** period 2s				Occasional. F.W. by day (occas.).
			Fl.(2)W. period 4s				
10063.8 *K 3106.1*	-Transit Range, front.	19° 14.4′ S 146° 50.4′ E	**Fl.Y.** period 2.5s			Rectangular daymark.	
10063.81 *K 3106.11*	--Rear, 20 meters 092° from front.	19° 14.4′ S 146° 50.4′ E	**Fl.Y.** period 2.5s			Rectangular daymark.	
	-Townsville Harbor:						
10064 *K 3103*	--E. breakwater, "P16".	19° 14.6′ S 146° 50.0′ E	**Q.R.**			PORT (A) R, beacon, topmark.	
10068 *K 3104*	--W. breakwater, "P15".	19° 14.7′ S 146° 50.0′ E	**Q.G.**			STARBOARD (A) G, beacon, topmark.	
10070 *K 3109.22*	-Reclamation area, N. elbow.	19° 15.4′ S 146° 50.7′ E	**Fl.Y.** period 2.5s				
10070.1 *K 3109.25*	--S. elbow.	19° 15.6′ S 146° 50.6′ E	**Fl.Y.** period 2.5s				
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.
10084 *K 3109*	--Ross River Range, front.	19° 17.0′ S 146° 50.0′ E	**F.R.**				F.W. by day.
10088 *K 3109.1*	---Rear, 735 meters 219°20′ from front.	19° 17.1′ S 146° 49.4′ E	**F.R.**				F.W. by day.
10092 *K 3109.2*	--Ross River Channel, No "2".	19° 15.3′ S 146° 50.9′ E	**Fl.R.** period 2.5s			PORT (A) R, 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° 19.7′ S 147° 25.8′ 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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
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.	
10136 *K 3078*	-Bowen Range, front.	20° 01.5′ S 148° 15.1′ E	**F.G.**	20 **6**	4		F.W. by day.
10140 *K 3078.1*	--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 *K 3076*	-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 *K 3076.1*	--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 *K 3074*	-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 *K 3066.8*	Bird Island.	20° 05.0′ S 148° 52.0′ E	**Q.(9)W.** period 15s	46 **14**	5		
10161 *K 3066.81*	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 *K 3067.4*	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 *K 3064.7*	Macona Inlet.	20° 10.1′ S 148° 55.2′ E	**Fl.G.** period 2.5s			STARBOARD (A) G, beacon, topmark.	
10166 *K 3068*	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 *K 3066.57*	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 *K 3066.5*	Pioneer Rocks.	20° 14.0′ S 148° 45.0′ E	**Fl.(2)W.** period 6s	16 **5**	4	ISOLATED DANGER BRB, beacon, topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
10176 *K 3066.4*	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 *K 3066.41*	-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 *K 3066.35*	Shute Harbor Range, front.	20° 17.6′ S 148° 47.2′ E	**F.Bu.**				F.W. by day.
10182.1 *K 3066.36*	-Rear, 261° from front.	20° 17.7′ S 148° 47.1′ E	**F.Bu.**				F.W. by day.
10184 *K 3064.5*	Cid Island.	20° 17.0′ S 148° 54.0′ E	**Fl.W.** period 6s	40 **12**	3		
10188 *K 3065.8*	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 *K 3066*	Low Rock, N. side.	20° 17.0′ S 148° 48.0′ E	**Q.W.**			N. CARDINAL BY, topmark.	
10192.2 *K 3066.03*	-E. side.	20° 17.3′ S 148° 48.1′ E	**Q.(3)W.** period 10s			E. CARDINAL BYB, topmark.	
10192.4 *K 3066.05*	-S. side.	20° 17.3′ S 148° 48.1′ E	**Q.(6)+L.Fl.W.** period 15s			S. CARDINAL YB, topmark.	
10192.6 *K 3066.07*	-W. side.	20° 17.3′ S 148° 48.0′ E	**Q.(9)W.** period 15s			W. CARDINAL YBY, topmark.	
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		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
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**	10	White square concrete tower.	
10228 *K 3049*	Penrith Island, summit.	21° 00.6′ S 149° 54.2′ E	**Fl.(3)W.** period 15s	492 **150**	14	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**		
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. **15** R. 11 G. 11	Metal framework tower on concrete pile structure, orange square; 72.	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**		
10232 *K 3028*	Flat Top Island.	21° 09.8′ S 149° 14.6′ 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	174 **53**	W. 10 R. 6	White round iron tower; 32.	R. 170°05′-187°43°, W.-277′36° R.-284°23′, W.-347°30′, R.-004°11′, W.-170°05′. Obscured by Round Top Island between approx. bearings 299°-308°. Signal station.
	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).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
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 Range, front.	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.	
10300 *K 3015*	Saumarez Reef, NE. Cay.	21° 38.0′ S 153° 45.8′ E	**Fl.(4)W.** period 20s	69 **21**	10		
	RACON		**O(– – –)**		**16**		
10304 *K 3020*	**Percy Isles.**	21° 39.3′ S 150° 12.7′ E	**Fl.W.** period 10s	220 **67**	**16**	White fiberglass tower; 20.	Visible 318°-218°.
10308 *K 3018*	**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 *K 3017.5*	Mount Westfall AVIATION LIGHT.	22° 21.8′ S 150° 34.7′ E	**Q.W.**	1847 **563**		Tower; 49.	
10310 *K 3017*	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 *K 3014.5*	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 *K 3014*	**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**	**15**	White round iron tower, red dome; 80.	
10314 *K 2998*	Double Head, Rosslyn Bay, jetty, head.	23° 10.0′ S 150° 47.0′ E	**Fl.R.** period 2s				
10315 *K 2998.75*	-Pier, head.	23° 09.9′ S 150° 47.2′ E	**Fl.G.** period 3s				
10316 *K 2997*	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 *K 2997.3*	-Half Tide Rock.	23° 09.2′ S 150° 56.2′ E	**Fl.(2)W.** period 6s			ISOLATED DANGER BRB, beacon, topmark.	
10318 *K 2997.5*	Middle Island East Passage, E. side.	23° 10.2′ S 150° 55.7′ E	**Fl.R.** period 2.5s			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				
10318.1 *K 2997.6*	-W. side.	23° 10.2′ S 150° 55.6′ E	**Fl.G.** period 2.5s			STARBOARD (A) G, beacon, topmark.	
	KEPPEL BAY:						
10319 *K 2991.7*	-Emu Point.	23° 15.5′ S 150° 49.6′ E	**2 F.W.**				R. Lts. on radio tower 5.3 miles SSW.
10319.5 *K 2991.8*	- -Leading Lights.	23° 15.1′ S 150° 49.3′ E	**Iso.Y.** period 2s				
			Q.Y.				
10320 *K 3000*	-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 *K 3001*	-Division Point.	23° 34.0′ S 151° 00.9′ E	**Fl.Y.** period 3s			SPECIAL Y, beacon, topmark.	
	FITZROY RIVER:						
10323 *K 3002.5*	-Curlew Spit.	23° 32.1′ S 150° 56.3′ E	**Fl.R.** period 5s			PORT (A) R, beacon, topmark.	
10323.5 *K 3004.1*	-Haynes Spit.	23° 32.6′ S 150° 54.0′ E	**Fl.R.** period 3s			PORT (A) R, beacon, topmark.	
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.	

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			AUSTRALIA-EAST COAST				
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".
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.** Fl.R. period 4s	22 **7**		PORT (A) R, beacon.	
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).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
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.	
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*	-Auckland Inlet, boat harbor, 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
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.** Fl.Y. period 2.5s			Black and yellow triangular beacon, orange and yellow stripe rectangular daymarks.	Targinie Channel marked by synchronized beacons "T1" to "T6".
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.	
10452 *K 2964*	**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 *K 2963.5*	Round Hill, head.	24° 09.0′ S 151° 53.0′ E	**Fl.W.** period 4s	105 **32**	5	White daymark.	
10460 *K 2968*	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 *K 2962*	**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 *K 2956.11*	-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 *K 2958.1*	-Sea Reach, N.	24° 45.3′ S 152° 23.5′ E	**Dir.F.W.G.**			Metal framework tower; 36.	Shown on request.
10471.1 *K 2958.101*	--S.	24° 45.3′ S 152° 23.5′ E	**Dir.F.W.R.**			Metal framework tower; 36.	Shown on request.
10474 *K 2958.3*	-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 *K 2958.31*	--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 *K 2958.37*	-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 *K 2958.38*	--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 *K 2956*	**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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			AUSTRALIA-EAST COAST				
10480 *K 2957*	**Bundaberg** AVIATION LIGHT.	24° 54.0′ S 152° 19.0′ E	**Al.Fl.W.G.** period 7.4s	161 **49**	W. **28** G. **24**		
10484	*Breaksea Spit.*	24° 20.1′ S 153° 09.1′ E	**Q.W.**			N. CARDINAL BY, pillar, topmark	
	RACON		**G(– – •)**		12		(3 & 10 cm)
10488 *K 2932*	**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°.
	RACON		**K(– • –)** period 120s		**28**		Azimuth coverage 063°-331°.
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 *K 2938.6*	-Fairway.	25° 08.9′ S 152° 50.1′ E	**L.Fl.W.** period 10s			SAFE WATER RW, beacon, topmark.	
10491.1 *K 2938.7*	-"S1".	25° 10.6′ S 152° 52.5′ E	**Fl.(4)Y.** period 10s			SPECIAL Y, beacon, topmark.	
10491.2 *K 2938.8*	-"MBN".	25° 12.4′ S 152° 53.5′ E	**Q.W.**			N. CARDINAL BY, beacon, topmark.	
10492 *K 2939*	-Datum Rock, "EU".	25° 15.7′ S 152° 56.3′ E	**V.Q.W.**		1	N. CARDINAL BY, beacon, topmark.	
10560 *K 2916*	-Hook Point.	25° 46.8′ S 153° 05.0′ E	**Dir.Fl.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 *K 2916.5*	-Inskip Point Range, front.	25° 48.6′ S 153° 04.0′ E	**Q.W.**				
10562.1 *K 2916.51*	- -Rear, 243° from front.	25° 48.8′ S 153° 03.8′ E	**Iso.W.** period 2s				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SOLOMON ISLANDS				
	SAN CRISTOBAL:						
10568 *K 4948.2*	-Kira Kira Range, front.	10° 27.0′ S 161° 55.0′ E	**F.R.** (neon)	13 **4**	2	On street light post.	Marks anchorage for small vessels.
10572 *K 4948.21*	- -Rear, 56 meters 143° from front.	10° 27.0′ S 161° 55.0′ E	**F.R.** (neon)	16 **5** 5 **2**	2	On street light post.	
10576 *K 4947.6*	-Wangalaha Point.	10° 17.6′ S 161° 35.0′ E	**Fl.W.** period 5s	99 **30**	8	White metal framework tower.	
10580 *K 4948*	-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 *K 4947*	-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 *K 4947.2*	-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 *K 4947.21*	- -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 *K 4947.3*	-NE. Entrance Range, front.	9° 48.0′ S 160° 50.0′ E	**Fl.R.** period 3s	10 **3**	2	White metal tripod; 10.	
10600 *K 4947.31*	- -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 *K 4947.4*	-Marau Harbor Reef.	9° 50.0′ S 160° 50.0′ E	**Fl.G.** period 3s	7 **2**	2	White tubular steel tripod.	
10608 *K 4946*	-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 *K 4945*	-Northwest Reef.	9° 28.8′ S 160° 35.4′ E	**Q.(3)W.** period 15s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 12.5s	20 **6**	5	Orange metal framework tower; 19.	
10616 *K 4944*	-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 *K 4943*	-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 *K 4942*	-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 *K 4940*	-Lunga 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.

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SOLOMON ISLANDS				
10632 *K 4935*	-Point Cruz, on point.	9° 25.6′ S 159° 57.5′ E	**Fl.R.** period 4s	54 **16**	6	White metal framework tower; 16.	
10636 *K 4934*	-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 *K 4934.1*	**--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 *K 4934.2*	-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 *K 4938*	-Jetty, head.	9° 25.8′ S 159° 57.3′ E	**F.G.**				
10652 *K 4932*	-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 *K 4908*	--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 *K 4908.1*	---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 *K 4909*	--Soghonangola.	9° 07.5′ S 160° 09.2′ E	**Fl.(2)G.** period 10s	131 **40**	3	Orange structure.	
10668 *K 4907*	--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 *K 4912*	--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 *K 4912.1*	---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 *K 4906*	--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 *K 4924*	-Rua Dika.	8° 44.3′ S 159° 53.5′ E	**Fl.W.** period 10s	54 **16**	9	Orange structure.	
10688 *K 4898.7*	-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 *K 4899*	-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 *K 4899.4*	--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 *K 4901*	**-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 *K 4902*	--Range, front.	8° 46.0′ S 160° 42.0′ E	**F.R.** (neon)	10 **3**	4	White tripod, white triangular daymark.	

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SOLOMON ISLANDS				
10708 *K 4902.1*	---Rear 115 meters 051°45′ from front.	8° 46.4′ S 160° 42.1′ E	**F.R.** (neon)	16 **5**	4	White triangular daymark.	
10712 *K 4903*	-Outer reef.	8° 46.4′ S 160° 41.5′ E	**Q.(2)R.** period 10s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 8.5s	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° 13.5′ E	**Fl.W.** period 5s	23 **7**	2	Orange steel framework structure, white triangular daymark.	Visible 044°-064°.
10740 *K 4896.41*	--Rear, 700 meters 054° from front.	8° 20.0′ S 157° 14.5′ E	**Q.(3)W.** period 15s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 12.5s	39 **12**	5	Red and white steel framework tower, black and white 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**			
10742.1 *K 4894.81*	--Rear, 170 meters 190° from front.	8° 15.0′ S 157° 11.3′ E	**F.G.**	26 **8**			
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 steel lattice 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° to 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′ to common rear.	8° 05.4′ S 156° 51.6′ E	**Fl.(2)G.** period 10s	10 **3**	4	Post, white square 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	33 **10**	7	Red and white latticework tower; 39.	

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SOLOMON ISLANDS				
	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.
	BOUGAINVILLE:						
10776 *K 4888*	-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 *K 4887*	-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 *K 4885.7*	-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 *K 4885.8*	-Moto Reef.	6° 08.7′ S 155° 39.5′ E	**Fl.R.** period 5s	26 **8**	10	White framework tower; 26.	**Radar reflector.**
10788 *K 4886*	-Otua Islet.	6° 27.0′ S 156° 00.0′ E	**Fl.W.** period 5s	85 **26**	14	White framework tower; 77.	Visible 143°-359°.
10792 *K 4889*	-Onua Island.	7° 05.0′ S 155° 55.9′ E	**Fl.W.** period 10s	40 **12**	7	Red metal framework tower; 33.	
10796 *K 4884.4*	-Takanupe.	6° 09.0′ S 155° 34.0′ E	**Fl.(2)W.R.** period 5s		5		W. 192°-012°, R.-192°.
10800 *K 4885*	-Kerekerina Point.	6° 11.5′ S 155° 33.4′ E	**Fl.G.** period 8s	100 **30**	5		
10804 *K 4885.5*	-Kieta Harbor.	6° 12.6′ S 155° 38.3′ E	**Fl.G.** period 5s	19 **6**	7	White column, red bands; 20.	
10808 *K 4885.6*	- -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 *K 4884.6*	**-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 *K 4885.4*	-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 *K 4885.2*	-Dokome Point.	6° 11.1′ S 155° 32.8′ E	**Q.R.**		2		
10824 *K 4884*	**-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 *K 4883*	**-Madehas Island.**	5° 27.1′ S 154° 37.9′ E	**Fl.W.** period 10s	450 **137**	**16**	White framework tower; 50.	

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BISMARCK ARCHIPELAGO				
	NEW BRITAIN:						
10832 *K 3504*	-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 *K 3505*	-Cape Wunita.	4° 20.1′ S 152° 24.3′ E	**Fl.W.** period 3s	17 **5**	9	White hut.	Visible 180°-015°.
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		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BISMARCK ARCHIPELAGO				
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*	- -No. "12".	5° 16.7′ S 150° 58.1′ E	**Fl.(2)W.** period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 8s	30 **9**	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.	
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*	**-Abligini 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*	-Kabiletad 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	BISMARCK ARCHIPELAGO						
	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.	
10918.2 *K 3507.2*	---No. "2".	1° 59.2′ S 147° 13.9′ E	**Fl.(2)W.** period 5s		7	White pile.	
10918.4 *K 3507.3*	---No. "3".	2° 01.0′ S 147° 16.5′ E	**Fl.(3)G.** period 6s		4	White pile.	
10919 *K 3507.5*	--Lobrum Point, northward.	2° 01.1′ S 147° 22.9′ E	**Fl.(2)G.** period 8s			STARBOARD (A) G, beacon, topmark.	
10920 *K 3508*	--Lombrum Bay, jetty.	2° 02.2′ S 147° 22.5′ E	**Q.G.**	13 **4**	4	White column.	
10924 *K 3507.6*	--Papitalai Harbor, Nahuchie Point.	2° 02.1′ S 147° 24.3′ E	**Fl.W.** period 2.5s	22 **7**	10	White hut.	
10925 *K 3509*	-Hyane Harbor.	2° 02.3′ S 147° 25.2′ E	**Q.W.R.G.**	33 **10**	9	White column.	
10926 *K 3509.5*	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 *K 3476*	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 *F 8404*	**-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 *F 2112*	-Asia Group, Fani Island.	1° 04.5′ N 131° 16.0′ E	**Fl.(2)W.** period 10s	49 **15**	11		
10934 *F 8410*	-Angaur Island.	6° 53.7′ N 134° 08.1′ E	**Fl.W.** period 5s		10		
10936 *F 8408*	-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 *F 8425*	--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 *F 8425.4*	---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 *F 8430*	-Woleai Atoll, Pial Island.	7° 20.9′ N 143° 49.9′ E	**Fl.W.** period 2.5s		6		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NORTH PACIFIC ISLANDS				
	-Truk:						
10944 *F 8447*	--Northeast Pass, S. side of reef.	7° 30.0′ N 151° 58.3′ E	**Fl.W.** period 6s	29 **9**	6	White conical concrete tower; 29.	
10944.2 *F 8448*	---No. “2".	7° 30.2′ N 151° 57.8′ E	**Fl.R.** period 4s	19 **6**	4	PORT (A) R, pile, topmark.	
10944.25 *F 8448.2*	---No. "4".	7° 29.9′ N 151° 55.7′ E	**Fl.R.** period 4s			PORT (A) R, beacon, topmark.	
10944.3 *F 8448.4*	---No. "6".	7° 29.7′ N 151° 54.2′ E	**Fl.R.** period 4s			PORT (A) R, beacon, topmark.	
10944.4 *F 8448.5*	---No. “8".	7° 29.6′ N 151° 52.5′ E	**Fl.R.** period 2.5s	13 **4**	4	PORT (A) R, pile, topmark.	
10944.6 *F 8448.7*	---No. "10".	7° 29.2′ N 151° 51.7′ E	**Fl.R.** period 4s			PORT (A) R, beacon, topmark.	
10944.7 *F 8449*	---No. "11".	7° 28.9′ N 151° 49.5′ E	**Fl.G.** period 4s			STARBOARD (A) G, beacon, topmark.	
	-Pohnpei:						
10946 *F 8453.2*	--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 unlit beacons.
10947 *F 8453.7*	--AVIATION LIGHT, Peipalap Mountain.	6° 58.6′ N 158° 11.4′ E	**F.R.**	622 **190**			Obstruction light.
10948 *F 8453*	--Jokaj Passage Range, front.	6° 59.1′ N 158° 11.2′ E	**Q.W.**	22 **7**		Pile, black and white rectangular daymark.	
10948.1 *F 8453.1*	---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 *F 8457*	--Lele Harbor Range, front.	5° 19.8′ N 163° 01.4′ E	**Q.R.**	10 **3**		Pile, red rectangular daymark, white stripe.	
10952.4 *F 8457.1*	---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 *F 8459*	--Okat Harbor Range, front.	5° 21.0′ N 162° 57.4′ E	**Q.W.**				
10952.7 *F 8459.1*	---Rear, 144 meters 096°30′ from front.	5° 21.0′ N 162° 57.5′ E	**Iso.W.** period 6s				
10953 *F 8460*	--No. "3".	5° 21.1′ N 162° 57.1′ E	**Fl.G.** period 4s	16 **5**	3	Pile, green triangular daymark.	
10953.2 *F 8461*	--No. "4".	5° 21.0′ N 162° 57.2′ E	**Fl.R.** period 4s	12 **4**	4	Pile, red square daymark.	
	MARIANA ISLANDS:						
	-Saipan:						
10955 *F 8364*	--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 *F 8367*	--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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NORTH PACIFIC ISLANDS				
10956 *F 8366*	--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 *F 8366.1*	---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 *F 8371*	--Ushi Point.	15° 05.9′ N 145° 38.5′ E	**Fl.W.** period 2.5s	18 **5**	6		
10962 *F 8370*	--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.	
10980	---Rear, 37.5 meters 118° 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 *F 8382*	--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 *F 8384*	**--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 *F 8386*	---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 *F 8386.1*	----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 *F 8386.2*	---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 *F 8387.4*	---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 *F 8387.41*	----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 *F 8388*	---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 *F 8388.1*	----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 *F 8467*	--Kwajalein AVIATION LIGHT.	8° 43.8′ N 167° 44.4′ E	**Al.Fl.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**	4	Column, green square daymark.	
11014 *F 8467.5*	--Bigej Junction "N" (U.S.).	8° 44.3′ N 167° 43.7′ E	**Fl.(2+1)G.** period 6s	12 **4**	4		
11040 *F 8468*	--AVIATION LIGHT, on Roi Namur.	9° 24.0′ N 167° 29.0′ E	**Al.Fl.W.G.**			Red and white water tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NORTH PACIFIC ISLANDS				
	-Bikini Atoll:						
11050 *F 8471*	--Enyu.	11° 30.8′ N 165° 33.6′ E	**Fl.G.**				
	-Majuro Atoll:						
11060 *F 8466*	--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 *F 8466.2*	--Calalin Channel Light No. "1".	7° 09.7′ N 171° 10.5′ E	**Fl.G.** period 2.5s	21 **6**	4	Pile, green triangular daymark.	
11060.25 *F 8466.25*	--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 *F 8466.3*	--Light No "3".	7° 09.2′ N 171° 10.8′ E	**Fl.G.** period 4s	21 **6**	4	Pile, green triangular daymark.	
11060.35 *F 8466.35*	--Light No. "4".	7° 09.3′ N 171° 11.0′ E	**Fl.R.** period 4s	21 **6**	4	Pile, red square daymark.	
11060.4 *F 8466.4*	--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 *F 8466.45*	--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 *F 8466.55*	--Light No. "8".	7° 08.1′ N 171° 14.9′ E	**Fl.R.** period 4s	21 **6**	4	Pile, red square daymark.	
11060.75 *F 8466.75*	--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.
	-Tarawa Atoll:						
11076 *F 8508*	--Tarawa, NW. point.	1° 38.0′ N 172° 57.0′ E	**L.Fl.W.** period 20s fl. 4s, ec. 16s			Metal framework tower; 70.	*Reported temporarily extinguished (Mar. 1985).*
11080 *F 8512*	**--Betio.**	1° 21.0′ N 172° 55.0′ E	**Fl.W.** period 8s	105 **32**	**18**	Radio tower; 109.	*Reported temporarily extinguished (Mar. 1985).*
11084 *F 8515*	---Boat harbor, E. jetty.	1° 22.0′ N 172° 56.1′ E	**F.R.**	53 **16**	4		
11092 *F 8516*	--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 *F 8482*	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 *F 8536*	Christmas Island.	2° 02.0′ N 157° 26.0′ W	**F.R.**	128 **39**		Framework tower.	Obstruction. Reported visible 17M.
11108 *F 8528*	Fanning Island, Weston Point.	3° 51.0′ N 159° 22.0′ W	**F.W.**	30 **9**	12	Stone monument.	Temporarily obscured by trees south of 085° (1981). Occasional.
	MIDWAY ISLANDS:						
11112 *G 7580*	-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.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			NORTH PACIFIC ISLANDS				
11129 *G 7560*	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 *G 7560.1*	-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 *G 5924*	-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 *G 5916*	-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**	6	Skeleton tower, red and white diamond daymark.	R. 327°-346°, obsc. 149°30′-327°.
11140 *G 5914*	-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 *G 5910*	-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 *G 5988*	-Barren Island.	54° 44.7′ N 131° 20.9′ W	**Fl.W.** period 4s	85 **26**	7	Column, red and white diamond daymark.	
11152 *G 5818*	-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 *G 5984*	-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 *G 5972*	-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 *G 5863.8*	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 *G 5864*	-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 *G 5866*	-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 *G 5866.6*	-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	25 **8**	6	Square skeleton tower, orange stripes.	
11172.4 *G 5866.8*	-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 *G 5867*	-Mill Bay. (Can.)	54° 59.7′ N 129° 53.3′ W	**Q.W.**	19 **6**	5	Square skeleton tower, orange stripes.	
11172.8 *G 5867.4*	-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
	ALASKA-CANADA						
	PORTLAND CANAL:						
11176 *G 5882*	-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 *G 5884*	-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 *G 5888*	-Stewart Point. (Can.)	55° 55.0′ N 129° 59.0′ W	**Fl.(3)W.** period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	15 **5**	6	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 *G 5889*	-Stewart Dolphin, W.	55° 55.0′ N 130° 00.0′ W	**Fl.(3)G.** period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	10 **3**		Mast on nine pile dolphin.	
	OBSERVATORY INLET:						
11196 *G 5869*	-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 *G 5870*	-Richards Point.	55° 17.3′ N 129° 48.8′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	17 **5**	6	Orange square skeleton tower.	
11204 *G 5872*	--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	12 **4**	6	Orange square skeleton tower.	
11208 *G 5874*	-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 *G 5876*	-Alice Arm.	55° 25.6′ N 129° 40.1′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	19 **6**	6	Orange square skeleton tower.	
11214 *G 5877*	-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 *G 5878*	-Alice Arm, wharf.	55° 28.2′ N 129° 29.7′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	14 **4**		Skeleton tower, two black, white and green square daymarks.	
	-Queen Charlotte Islands:						
11232 *G 5837.4*	--Lawn Point Range, front.	53° 25.5′ N 131° 54.9′ W	**F.W.**	38 **12**	**15**	Square skeleton tower, orange daymark, black stripe.	
	--RACON		**K(– • –)**				
11236 *G 5837.5*	---Rear, 157.5 meters 270° from front.	53° 25.5′ N 131° 55.1′ W	**F.W.**	73 **22**	**15**	Square skeleton tower, orange daymark, black stripe.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CANADA				
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				Privd 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.	52° 34.5′ N 131° 37.7′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	42 **13**	5	White round tower; 43.	
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**	6	Square skeleton tower.	
	-Skincuttle Inlet:						
11300 *G 5831*	- -East Copper Island.	52° 21.0′ N 131° 10.0′ W	**Fl.(3)W.** period 12s fl. 0.5s, ec. 6.5s	50 **15**	6	White round tower.	
11304 *G 5832*	- -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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CANADA				
11308 *G 5830*	-Garcin Rocks, middle rock.	52° 12.5′ N 130° 57.9′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	64 **20**	6	Square skeleton tower.	
11312 *G 5829*	Hornby Point.	52° 09.0′ N 131° 06.0′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	18 **6**	6	Square skeleton tower.	
11316 *G 5826*	**-Cape St. James.**	51° 56.2′ N 131° 00.9′ W	**Fl.W.** period 5s	315 **96**	**16**	Mast.	
11320 *G 5828*	Flatrock Island.	52° 06.5′ N 131° 10.0′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	81 **25**	6	Square skeleton tower.	
11328 *G 5863.7*	-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 *G 5861*	-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 *G 5861.4*	-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 *G 5862*	-Tasu Sound.	52° 44.9′ N 132° 05.7′ 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.	
11344 *G 5863*	--Horn Island.	52° 46.2′ N 132° 03.4′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	16 **5**	6	Square skeleton tower.	
11348 *G 5860*	-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 *G 5859*	-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 *G 5858.6*	-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 *G 5858.4*	-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 *G 5858*	-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 *G 5857*	-Frederick Island.	53° 56.3′ N 133° 11.8′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	55 **17**	6	Square skeleton tower.	
11372 *G 5854*	-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.	
11376 *G 5856*	--Langara Point.	54° 15.0′ N 133° 03.0′ W	**Fl.W.** period 5s	160 **49**	8	Octagonal tower.	Visible 055°-265°. 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	23 **7**	6	Mast.	
11392 *G 5850*	-George Point.	54° 02.5′ N 132° 34.0′ W	**Q.G.**	9 **3**		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				
11408 *G 5848*	-Wiah Point.	54° 07.0′ N 132° 18.5′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	25 **8**	5	Mast.	
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 daymark, black stripe.	
11424 *G 5842.1*	- - -Rear, 1534 meters 165°40′ from front.	54° 01.1′ N 132° 11.6′ W	**F.Y.**	46 **14**	11	Square skeleton tower, orange 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	17 **5**		7-pile dolphin.	
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**	6	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(– –)**				
11460 *G 5812*	**-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 *G 5811.5*	-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 *G 5811*	-Butterworth Rocks.	54° 14.1′ N 130° 58.5′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	53 **16**	7	White tripod tower.	
	-RACON		**X(– • • –)**				
11472 *G 5810*	-Archibald Islands.	54° 12.9′ N 130° 49.9′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	28 **9**	6	Square skeleton tower.	
11476 *G 5809*	-Harris Rock.	54° 13.0′ N 130° 45.9′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	16 **5**	6	Square skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CANADA				
11480 *G 5757*	-Chearnley Passage.	54° 01.6′ N 130° 41.2′ W	**Q.W.**	19 **6**	5	Square skeleton tower.	
11484 *G 5756*	- -Seal Rocks.	54° 00.0′ N 130° 47.4′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	43 **13**	7	White round tower.	
	- -RACON		**S(• • •)**				
	-Masset Inlet:						
11488 *G 5754*	- -Freeman Passage.	53° 49.8′ N 130° 37.6′ W	**Fl.(3)W.** period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	16 **5**	6	Square skeleton tower.	
	-Beaver Passage:						
11492 *G 5751*	- -Hankin Rock.	53° 42.0′ N 130° 25.0′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	32 **10**	6	White round tower.	**Radar reflector.**
11496 *G 5752*	- -Connis Islet.	53° 45.5′ N 130° 19.0′ W	**Q.W.**	15 **5**	5	White round tower, green band at top.	
11500 *G 5753*	- -Bully Island.	53° 47.9′ N 130° 19.5′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	22 **7**	6	White round tower.	
11504 *G 5753.6*	-Moore Island.	53° 47.4′ N 130° 31.2′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	18 **6**	6	Square skeleton tower.	
	PRINCIPE CHANNEL:						
11508 *G 5747.8*	-Keswar point.	53° 37.6′ N 130° 21.0′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	27 **8**	7	Square skeleton tower.	
11512 *G 5747.6*	-Wheeler Island.	53° 33.0′ N 130° 08.6′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	29 **9**	7	Square skeleton tower.	
11516 *G 5747.4*	-Principe Channel.	53° 23.6′ N 129° 54.3′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	20 **6**	6	Square skeleton tower.	
	HECATE STRAIT:						
11520 *G 5749*	-Browning Entrance.	53° 38.1′ N 130° 33.8′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	41 **12**	6	Square skeleton tower.	
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**	6	White round tower.	
11526 *G 5749.5*	-Larsen Harbor.	53° 38.0′ N 130° 32.0′ W	**Q.R.**	18 **5**	3	Square skeleton tower.	
11528 *G 5748*	**-Bonilla Island.**	53° 29.6′ N 130° 38.1′ W	**Fl.W.R.** period 5s fl. 0.3s, ec. 4.7s	120 **37**	**22**	White round tower; 32.	R. 334°-360°, W.-168°, R.-198°, obscured elsewhere. Emergency light.
	-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**	6	White round mast.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CANADA				
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**	6	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*	-Birnie 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	15 **5**	6	White round tower.	
11588 *G 5808*	-Shrub Island.	54° 19.8′ N 130° 27.6′ W	**Q.R.**	18 **6**		White round tower, red band.	
11592 *G 5807.4*	-Devastation Island.	54° 19.4′ N 130° 29.1′ W	**Fl.R.** period 4s fl. 0.5s, ec. 3.5s	17 **5**		White round 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**	12	White octagonal tower.	Visible 094°30′-351°30′. Emergency light.
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**	5	White round tower, red band at top.	
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.	54° 16.5′ N 130° 21.6′ W	**Q.R.**	20 **6**		3-pile dolphin, white round tower, red band at top.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CANADA				
11640 *G 5796*	-Parizeau Point.	54° 17.3′ N 130° 22.1′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	14 **4**	6	Three-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.**	8 **2**	10	4-pile dolphin, orange daymark, black stripe.	
11652 *G 5797.31*	- -Rear, 115.2 meters 253°14′ from front.	54° 17.4′ N 130° 23.0′ W	**F.Y.**	23 **7**	10	5-pile dolphin, orange daymark, black stripe.	Visible 239°-266°.
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° 18.0′ N 130° 21.0′ W	**Fl.R.** period 4s fl. 0.5s, ec. 3.5s	4 **1**		Mast, red and white 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**		White round tower, red band at top.	
11664 *G 5802*	-Venn Passage.	54° 18.7′ N 130° 23.5′ W	**Q.G.**	15 **5**		White round tower, green band at top.	
11668 *G 5803*	-Du Vernet Point.	54° 18.8′ N 130° 23.9′ W	**Q.R.**	11 **3**		White round tower, red band at top.	
11672 *G 5803.2*	-Shkgeaum Bay Range, front.	54° 18.6′ N 130° 24.4′ W	**F.Y.**	13 **4**	10	Mast, white daymark, red stripe.	
11674 *G 5803.21*	- -Rear, 229 meters 172° from front.	54° 18.5′ N 130° 24.4′ W	**F.Y.**	28 **8**	10	Mast, white daymark, red stripe.	
11676 *G 5803.4*	-Roberson Point.	54° 19.4′ N 130° 24.5′ W	**F.W.R.G.**	9 **3**	7	Square skeleton tower, orange 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° 24.9′ W	**F.W.R.G.**	16 **5**	8	Square skeleton tower, orange daymark, black stripe.	R. 138°-142°, W.-146°, G.-151°. White sector marks channel.
11688 *G 5803.8*	-Metlakatla Passage.	54° 20.2′ N 130° 25.3′ W	**F.W.R.G.**	9 **3**	8	Square skeleton tower, orange 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	23 **7**	6	Square skeleton tower.	
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**		White round 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	Square skeleton tower, fluorescent orange daymark, black stripe.	
11720 *G 5776.1*	- - -Rear, 85 meters 072°54′ from front.	54° 12.0′ N 130° 18.0′ W	**F.Y.**	23 **7**	11	Square skeleton tower, fluorescent orange daymark, black stripe.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CANADA				
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**		White round tower.	
11728 *G 5780*	- -No. "2", W. side of channel.	54° 12.5′ N 130° 17.8′ W	**Q.G.**	15 **5**		Square skeleton tower.	
11732 *G 5782*	- -No. "3", E. side of channel on drying rock.	54° 12.7′ N 130° 17.4′ W	**Q.R.**	23 **7**		Square skeleton tower, fluorescent orange daymark, black stripe.	
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° 06.0′ N 130° 29.0′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	15 **5**	6	White round tower.	
11744 *G 5758*	-Useless Point, Edye 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.	
11748 *G 5770*	**Lawyer Islands.**	54° 06.8′ N 130° 20.6′ W	**Fl.W.** period 5s	126 **38**	**16**	Square skeleton tower; 65.	Obscured 321°-322° and 324°-326°.
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**		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**	6	Skeleton tower, white daymark.	
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**	6	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**	6	Square skelton tower, white 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**	6	Square skeleton tower.	
11772 *G 5760*	-Herbert Reefs.	54° 01.4′ N 130° 14.3′ W	**Fl.(3)W.** period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	18 **6**	6	Square skeleton tower.	
11774 *G 5761.4*	North Hanmer Island.	54° 03.8′ N 130° 14.6′ W	**Q.W.**	19 **6**	5	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**		White round tower, red band.	
	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**	6	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**	6	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**		Square skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CANADA				
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**	6	Square skeleton tower.	
11796 *G 5743*	-Klewnuggit, Morning Reef, NW. rock.	53° 40.7′ N 129° 46.0′ W	**Q.W.**	13 **4**	5	Square skeleton tower.	
11800 *G 5742*	-Grenville channel.	53° 36.3′ N 129° 41.6′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	12 **4**	6	Square skeleton tower.	
11804 *G 5741*	-Ormiston Point.	53° 34.0′ N 129° 39.0′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	15 **5**	6	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**	6	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	Square skeleton tower.	
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	Square skeleton tower.	
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**	6	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	Square skeleton tower.	
11824 *G 5747.3*	McCreigh Point, Pitt Island.	53° 12.0′ N 129° 30.0′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	25 **8**	6	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	Square skeleton tower.	
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	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	16 **5**	6	Square skeleton tower.	
11830 *G 5739.5*	Hartley Bay, breakwater.	53° 25.4′ N 129° 14.9′ W	**Q.R.**	26 **8**	3	Square skeleton tower.	
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.	

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			CANADA				
11844 *G 5739.8*	-Emilia Island.	53° 45.5′ N 128° 58.4′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	12 **4**	6	Square skeleton tower.	
11848 *G 5740*	-Kersey Point.	53° 47.0′ N 128° 52.0′ W	**Fl.(3)W.** period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	18 **5**	6	White round 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**	6	Square skeleton tower.	
	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**	6	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	16 **5**	6	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° 02.1′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	15 **5**	6	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**	6	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**	6	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CANADA				
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	28 **8**	7	Square skeleton tower.	
11925 *G 5735.5*	- -S.	52° 56.3′ N 129° 26.4′ W	**Fl.(3)W.** period 12s	18 **6**	10	White round tower.	
11926 *G 5735.7*	-Alexander Island.	52° 57.3′ N 129° 18.5′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	39 **12**	10	White round 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**	10	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° 38.0′ N 128° 57.0′ W	**Q.W.**	23 **7**	5	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CANADA				
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	Square skeleton tower.	
11984 *G 5724*	-Sarah 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**	6	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	14 **4**	6	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	Square skeleton tower.	
11996 *G 5722*	-Split Head, near S. end of channel.	52° 40.6′ N 128° 32.8′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	28 **9**	6	Square skeleton tower.	
12000 *G 5720*	-Boat Bluff.	52° 38.6′ N 128° 31.4′ W	**Oc.W.R.** period 5s lt. 4s, ec. 1s	38 **12**	8	Skeleton tower; 24.	W. 291°-336°, R.-093°, W.-134°. **Horn:** 1 bl. ev. 20s.
	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	16 **5**	6	Square skeleton tower.	
12008 *G 5719*	Legge Point, Cone Island.	52° 36.0′ N 128° 31.0′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	12 **4**	6	Square skeleton tower.	
12012 *G 5718*	Freeman Point.	52° 33.2′ N 128° 29.3′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	16 **5**	6	White round tower.	
12016 *G 5716.4*	-Legace Point.	52° 28.0′ N 128° 25.0′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	29 **9**	6	Square skeleton tower.	
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**	6	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**	6	Square skeleton tower.	
12032 *G 5713.7*	-Carne Rock, Reid Passage.	52° 18.0′ N 128° 22.0′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	13 **4**	6	Square skeleton tower.	
12036 *G 5712*	-Cape Mark.	52° 09.0′ N 128° 32.3′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	50 **15**	6	Square skeleton tower.	
12040 *G 5715*	**-McInnes Island.**	52° 15.7′ N 128° 43.2′ W	**Fl.W.** period 5s	105 **32**	**22**	White rectangular tower; 28.	Visible 292°30′-115°. **Horn:** 2 bl. ev. 60s (bl. 3s, si. 3s, bl. 3s, si. 51s). Horn points 206°. Emergency light. **Radiobeacon.**
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CANADA				
12048 *G 5709*	Spider Channel.	51° 51.8′ N 128° 15.5′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	62 **19**	6	Square skeleton tower.	
	SEAFORTH CHANNEL:						
12052 *G 5713*	**-Ivory Island.**	52° 16.2′ N 128° 24.3′ W	**Fl.W.** period 5s	67 **20**	**15**	Red skeleton tower; 17.	Visible 281°-165°30′. **Horn:** 1 bl. ev. 30s. Emergency light.
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**	6	Square skeleton tower; 10.	
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**	6	White round 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**		White round tower, red band at top.	
12072 *G 5700*	-Dryad Point.	52° 11.1′ N 128° 06.6′ W	**Oc.W.R.** period 5s lt. 4s, ec. 1s	38 **12**	8	White square tower; 28.	W. 142°30′-206°30′, R.-339°, W.-039°30′. **Horn (2):** 1 bl. ev. 20s. Horns point N. and S.
12076 *G 5699.6*	Blow Reef.	52° 11.0′ N 128° 04.0′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	16 **5**	6	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.	
	LAMA PASSAGE:						
12088 *G 5698.4*	-Story Point.	52° 08.9′ N 128° 08.0′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	16 **5**	6	Square skeleton tower.	
12092 *G 5698*	-Napier Point.	52° 08.0′ N 128° 08.0′ W	**Q.W.**	18 **5**	5	Square skeleton tower.	
12096 *G 5696*	-Walker Island.	52° 06.0′ N 128° 07.0′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	26 **8**	6	White round tower.	
12100 *G 5695*	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 *G 5693*	-White Point.	52° 04.5′ N 127° 57.9′ W	**Fl.R.** period 6s fl. 0.5s, ec. 5.5s	29 **9**		Skeleton tower, red and white daymark.	
12108 *G 5694*	-Serpent Point.	52° 05.0′ N 128° 00.0′ W	**Q.W.**	17 **5**	5	White round tower.	
	RETURN CHANNEL:						
12112 *G 5707*	-Hyndman Reefs, on reef.	52° 15.8′ N 128° 14.6′ W	**Fl.G.** period 6s fl. 0.5s, ec. 5.5s	16 **5**		Square skeleton tower.	
12116 *G 5706*	-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**	6	Square skeleton tower.	
12120 *G 5704*	-Law Island, N. end.	52° 16.1′ N 128° 10.3′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	16 **5**	6	Square skeleton tower.	
12124 *G 5702*	-Donald Point.	52° 17.6′ N 128° 05.9′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	17 **5**	6	Square skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CANADA				
	JOHNSON CHANNEL:						
12128 *G 5690*	-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 *G 5684*	-Wearing Point.	52° 18.0′ N 127° 45.6′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	18 **6**	6	Square skeleton tower.	
12136 *G 5685*	-Cousins Inlet.	52° 19.7′ N 127° 44.9′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	12 **4**	6	Square skeleton tower.	
12140 *G 5686*	-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**	6	White round tower.	
	BURKE CHANNEL:						
12144 *G 5689.5*	-Deas Point.	52° 23.1′ N 127° 12.9′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	15 **5**	6	Square skeleton tower.	
12148 *G 5688*	-Edward Point.	52° 26.4′ N 127° 16.3′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	24 **7**	6	Square skeleton tower; 10.	
12152 *G 5698*	-Sutlej Point.	52° 22.6′ N 126° 48.2′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	19 **6**	6	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	17 **5**	6	Square skeleton tower.	
	FISHER CHANNEL:						
12160 *G 5682*	-Sunny Island.	52° 11.3′ N 127° 52.1′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	21 **6**	6	Square skeleton tower; 10.	
12164 *G 5681*	-Farewell Point.	52° 08.0′ N 127° 53.0′ W	**Fl.W.** period 6s fl. 0.5s, ec. 5.5s	21 **6**	6	Square skeleton tower.	
12168 *G 5680*	-Pointer Island.	52° 04.0′ N 127° 57.0′ W	**Oc.W.** period 6s lt. 4s, ec. 2s	39 **12**	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	16 **5**	6	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	21 **6**	6	Square skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CANADA				
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°.
12216 *G 5658*	**-Egg Island.**	51° 14.9′ N 127° 50.0′ W	**Fl.W.** period 5s	290 **88**	**16**	Lattice 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	93 **28**	**15**	White round tower.	
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° 44.0′ W	**Q.W.**	37 **11**	6	White round tower.	

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

(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	22 **7**	5	White round tower, red band at top.	
12296 *G 5635*	- -Hardy Bay Inner.	50° 43.1′ N 127° 29.0′ W	**Q.R.**	15 **5**		Mast, red and white triangular daymark.	
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	21 **6**		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	21 **6**		Mast.	
12300 *G 5631*	-Round Island.	50° 44.0′ N 127° 22.0′ 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.	
	BROUGHTON STRAIT:						
12328 *G 5628*	-Pulteney Point.	50° 37.8′ N 127° 09.3′ W	**Fl.R.** period 10s	40 **12**	14	White square tower.	Visible 278°-145°. **Horn (2):** 3 bl. ev. 60s.
12332 *G 5626*	-Sointula, breakwater.	50° 38.0′ N 127° 02.0′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	29 **9**	6	Mast, red and white triangular daymark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA-CANADA				
12334 *G 5625.7*	-Port McNeill, breakwater.	50° 36.6′ N 127° 05.3′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	12 **4**	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, West.	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	Mast on 6-pile dolphin, black, white, green square daymark.	**Radar reflector.**
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	32 **10**	9	White round tower.	
12396 *G 5615.4*	-Havannah Islets.	50° 32.2′ N 126° 15.0′ W	**Q.G.**	22 **7**		White round tower, green band.	
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**		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.
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA-CANADA				
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.	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° 14.0′ N 124° 49.0′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	23 **7**	5	White round tower, green band at top.	
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, East.	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.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA-CANADA				
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	Round 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**		White round tower, red upper portion.	
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*	-Tyee Spit Range, front.	50° 02.9′ N 125° 15.6′ W	**Q.Y.**	15 **5**	11	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**	11	3-pile dolphin, white daymark, red stripe.	
12550	-Tyee Spit, N. breakwater.	50° 02.4′ N 125° 14.6′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	17 **5**		On 7-pile dolphin.	
12551 *G 5583*	--S. breakwater.	50° 02.2′ N 125° 14.5′ W	**Q.G.**	23 **7**		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	20 **6**	6	Center pile of 5-pile dolphin, black, white and green square daymark.	
	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; 40.	W. 316°-134°, R.-149°, W.-151°. High intensity white and red flash (0.15s) superimposed ev. 5s. **Horn:** 1 bl. ev. 30s (bl. 3s, si. 27s).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA-CANADA				
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**		White round tower, red band.	
	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 5573.8*	-Junction Point.	50° 08.4′ N 124° 53.6′ 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° 50.9′ W	**Fl.R.** period 4s fl. 0.5s, ec. 3.5s	21 **6**	5	White round tower, red band.	
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.	
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**	5	White round tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA-CANADA				
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	**Fl.W.** period 2s fl. 0.6s, ec. 1.4s	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.
12688 *G 5551.6*	Westview Fishing Harbor, S. breakwater, head.	49° 49.9′ N 124° 31.7′ W	**Fl.R.** period 4s fl. 0.5s, ec. 3.5s	15 **5**	5	White round tower, red band.	Fl.G. on N. breakwater head.
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*	Grief Point, East.	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.**	14 **4**		Round 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA-CANADA				
12798 *G 5547*	-Courtenay River Range, front, on river bank.	49° 40.6′ N 124° 57.5′ W	**Q.Y.**	14 **4**	10	Red daymark, white stripe, on 4-pile dolphin.	
12799 *G 5547.1*	- -Rear, 61 meters 321° from front.	49° 40.6′ N 124° 57.5′ W	**Q.Y.**	21 **6**	10	Red daymark, white stripe, on 3-pile dolphin.	
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° 32.0′ N 124° 49.0′ W	**F.Y.**	25 **8**		On dolphin.	**Horn:** 1 bl. ev. 30s. Private light.
12820 *G 5535*	-Buckley Bay Ferry Landing.	49° 32.0′ N 124° 51.0′ W	**F.Y.**	25 **8**		On dolphin.	**Horn:** 1 bl. ev. 30s 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° 30.0′ N 124° 42.0′ W	**F.Y.**	25 **8**		On dolphin.	**Horn:** 1 bl. ev. 30s. When required. Private light.
12840 *G 5531*	-Hornby Island Ferry Landing.	49° 31.0′ N 124° 42.0′ W	**F.Y.**	25 **8**		On dolphin.	**Horn:** 1 bl. ev. 30s. When required. 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	68 **21**	5	Square skeleton tower; 53.	
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 Islet.**	49° 29.2′ N 124° 26.1′ W	**Fl.(2)W.** period 15s fl. 0.4s, ec. 3s fl. 0.4s, ec. 11.2s	70 **21**	**17**	White round tower.	Emergency light.
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°.
12868 *G 5508*	**Ballenas Island.**	49° 21.0′ N 124° 09.6′ W	**Fl.W.** period 10s fl. 0.5s, ec. 9.5s	70 **21**	**17**	White tower; 27.	Visible 040°-307°. Emergency light.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			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	41 **12**		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	36 **11**	6	White round 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**		Mast, red and white triangular daymark.	
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**		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**	6	White round 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° 10.5′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	19 **6**		Mast on 3-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° 10.3´ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	17 **5**	6	Mast on 3-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	21 **7**	5	Center pile of 19-pile dolphin, red and white triangular daymark.	
12922	Darrell Bay.	49° 40.1´ N 123° 10.1´ W	**3 F.Y.**				Marks ferry landing. Private light. **Radar reflector.**
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**	6	White round tower.	
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**	6	White round tower.	
12948 *G 5422*	-Tyee 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*	-Snug Cove, N.	49° 23.0´ N 123° 20.0´ W	**Fl.R.** period 4s fl. 0.5s, ec. 3.5s	20 **6**		White round tower, red band at top.	
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**	8	White tower, green band , 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 square tower, red band; 27.	
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).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA-CANADA				
12996 *G 5438*	--Lions Gate Bridge, 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).
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**	10	White round tower, green band, 16-pile dolphin.	
13004 *G 5447*	-Brockton Point, W. side of Vancouver Harbor.	49° 18.0′ N 123° 07.0′ W	**Q.W.R.**	40 **12**	11	White square tower, red band, marked "Speed Limit 5 KTS. Coal Harbor"; 30.	R. 289°-313° over Burnaby Shoal; W. elsewhere
13008 *G 5448*	-Burnaby Shoal.	49° 17.9′ N 123° 06.6′ W	**Q.R.**	30 **9**	6	White round tower, red band at top.	**Radar reflector.**
13012 *G 5455*	-Deadman Island.	49° 17.5′ N 123° 07.4′ W	**Q.R.**	22 **7**		White round tower, red band, 3-pile dolphin.	
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**		White tower, red band, 9-pile dolphin.	
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.	
13020 *G 5468*	-Second Narrows Highway Bridge.	49° 17.7′ N 123° 01.6′ W	**F.W.**	148 **45**		W. side of roadway.	
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.	49° 17.8′ N 123° 00.5′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	22 **7**	5	White round tower, green band at top, on dolphin.	**Radar reflector.**
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**	5	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**	10	White rectangular building on 9-pile dolphin, red band at top.	
	-INDIAN ARM:						
13046 *G 5481*	--Woodlands.	49° 20.5′ N 122° 55.2′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	16 **5**		White round tower with green band at top.	Lights continue up Indian Arm.
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.	
	-PORT MOODY:						
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 round tower, red band at top.	**Radar reflector.**
13049 *G 5481.4*	-Best Point.	49° 22.8′ N 122° 52.8′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	17 **5**	6	White round tower.	
13052 *G 5476*	-Roche Point.	49° 18.0′ N 122° 57.4′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	17 **5**	7	White tower.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA-CANADA				
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.	
13064 *G 5480*	-Reed Point.	49° 17.5′ N 122° 52.4′ W	**Q.R.**	32 **10**		White round tower, red band at top, on 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**	6	White round tower.	
13068 *G 5480.2*	-Port Moody Range, front.	49° 17.6′ N 122° 51.3′ W	**F.Y.**	77 **24**	**15**	Mast, white daymark, red stripe.	
13072 *G 5480.21*	- -Rear, 96 meters 090° 30′ from front.	49° 17.6′ N 122° 51.1′ W	**F.Y.**	87 **27**	**15**	Mast, white daymark, red stripe.	
13080 *G 5430*	- -Directional light.	49° 16.5′ N 123° 08.2′ W	**Dir.F.W.R.G.**	21 **6**		Mast.	R. 128°-131°, W.-132°, G.-135°.
13084 *G 5427*	-Spanish Bank Anchorage, East.	49° 17.1′ N 123° 13.1′ W	**Q.Y.**	21 **6**	6	Mast on 9-pile dolphin, orange daymark, white stripe.	
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, East.	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	*Roberts Bank Buoy "TA".*	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° 18.5′ W	**Fl.W.** period 5s fl. 0.2s, ec. 4.8s	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° 18.1′ W	**Fl.R.** period 5s fl. 0.2s, ec. 4.8s	52 **16**	12	Fluorescent orange square tower on white rectangular building.	High intensity red flash superimposed every 5s. Emergency light.
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*	-Beacon "1A".	49° 06.5′ N 123° 17.7′ W	**Fl.(3)G.** period 12s	20 **6**	5	White round tower, green band at top.	
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.**
13130 *G 5403.5*	-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 *G 5404*	-N. side jetty, No. "5".	49° 07.2′ N 123° 16.2′ W	**Fl.(3)G.** period 12s	24 **7**	5	White round tower, green band at top, on 9-pile dolphin.	**Radar reflector.**

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA-CANADA				
13138 *G 5404.5*	-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 *G 5405*	-Beacon No. "7".	49° 08.0′ N 123° 15.0′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	19 **6**	5	White round tower, green band at top.	**Radar reflector.**
13148 *G 5406*	-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 *G 5410*	-Wing Dam Range, front.	49° 08.0′ N 123° 14.0′ W	**F.Y.**	31 **9**	**15**	Square skeleton tower, red daymark, white stripe.	Visible on range line only.
			F.G.	32 **10**	7	Same tower.	Visible upstream.
13156 *G 5410.1*	--Rear, 720 meters 057°15′ from front.	49° 08.2′ N 123° 13.7′ W	**F.Y.**	68 **21**	**15**	Square skeleton tower, red daymark, white stripe.	Visible on range line only.
13160 *G 5408*	-Beacon No. "11".	49° 07.9′ N 123° 13.6′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	15 **4**	6	White round tower, green band at top.	**Radar reflector.**
13164 *G 5413*	-Beacon No."13".	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	20 **6**	8	White round tower, green band at top, on 9-pile dolphin.	**Radar reflector.**
13168	-Garry Point.	49° 07.5′ N 123° 12.0′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	24 **7**	5	White round tower, green band at top, on 9-pile dolphin.	
	NORTH ARM ENTRANCE:						
13176 *G 5414*	-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	26 **8**	10	White round tower.	
13180 *G 5415*	--North Arm breakwater.	49° 15.3′ N 123° 16.0′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	11 **3**		Mast, white, green and black square daymark.	
13188 *G 5417*	--Jetty, center.	49° 14.0′ N 123° 15.0′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	29 **9**	6	Red and white triangular daymark on 9-pile dolphin.	
13192 *G 5418*	--E.	49° 13.6′ N 123° 13.7′ W	**Q.R.**	27 **8**		Center pile on 9-pile dolphin.	
13196	*Canoe Pass Buoy "T14".*	49° 02.3′ N 123° 15.4′ W	**Fl.R.** period 4s			STARBOARD (B) R, pillar.	**Bell.** **Radar reflector.**
	RACON		**K(– • –)**				
13208 *G 5161*	International Boundary Range "A", front.	49° 00.1′ N 123° 05.4′ W	**F.R.W.G.**	180 **55**		Gray square skeleton tower, rectangular fluorescent orange daymark; 30.	Visible on range line only. R. 087.5°-089.5°, W. -090.5°; G.-091.5°. White sector indicates preferred channel.
13212 *G 5160.9*	-Common rear.	49° 00.1′ N 123° 04.0′ W	**F.W.** F.G.	258 **79**		Red and white banded square skeleton tower, rectangular orange daymark; 90.	Forms ranges 090° and 270°.
13216 *G 5160.1*	International Boundary Range "B", front.	49° 00.1′ N 123° 02.0′ W	**F.G.**	65 **20**		Gray skeleton tower, fluorescent orange rectangular daymark; 50.	Visible on range line only.
13220 *G 5160*	International Boundary, obstruction.	49° 00.1′ N 123° 01.2′ W	**Fl.Y.** period 4s fl. 0.5s, ec. 3.5s	36 **11**		Rectangular block.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA-CANADA				
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.	49° 11.7′ N 122° 54.9′ W	**Q.G.**	11 **3**		Mast on 3-pile dolphin.	
13224 *G 5164*	International Boundary Range "C", front.	49° 00.1′ N 122° 46.9′ W	**Q.G.**	37 **11**		Gray skeleton tower, orange rectangular daymark.	Visible 4° each side of rangeline.
13228 *G 5166*	-Rear, 1724 meters 090° from front.	49° 00.1′ N 122° 45.4′ W	**F.G.**	80 **24**		Gray tower, orange rectangular daymark.	Visible 14° each side of rangeline.
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.**	15 **5**	5	5-pile dolphin, red and white triangular daymark.	
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**	6	Four-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*	Tsawwassen Ferry, S.	49° 00.2′ N 123° 08.2′ W	**Oc.W.** period 10s	18 **6**		On dolphin.	**Horn:** 1 bl. ev. 20s. 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.**
13245 *G 5398*	-Tsawwassen Range, front.	49° 00.0′ N 123° 08.0′ W	**F.G.**	36 **11**		Ferry slip gantry.	
13246 *G 5398.1*	- -Rear, 270 meters 016°53′ from front.	49° 00.5′ N 123° 07.5′ W	**F.G.**	59 **18**		Mast.	
13248 *G 5499*	Clarke Rock.	49° 13.5′ N 123° 56.5′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	19 **6**	5	White round tower, green band.	
13252 *G 5498*	Hudson Rocks.	49° 13.4′ N 123° 55.6′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	29 **9**	7	White round tower, red band at top.	
13256 *G 5489*	Snake Island.	49° 13.1′ N 123° 53.4′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	40 **12**	7	White round tower, green band at top.	
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	20 **6**	6	White round tower.	
	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; 15.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA-CANADA				
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.	
13280 *G 5493.2*	- -Entrance Groyne.	49° 09.8′ N 123° 55.3′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	19 **6**	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 **15**	**17**	Triangular skeleton tower, 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	78 **24**	**18**	Triangular skeleton tower, 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**		White round tower, green band at top.	**Radar reflector.**
	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	16 **5**		White round 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**	6	White round tower.	
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**		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**	5	White round tower, green band.	
13328 *G 5486.8*	Dibuxante Point.	49° 07.6′ N 123° 42.9′ W	**Q.R.**	21 **6**		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.	
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.**
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.**
	BARE POINT:						
13360 *G 5385*	-Chemainus Range, front, N. end of wharf.	48° 55.5′ N 123° 42.7′ W	**F.G.**	27 **8**	13	Square 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 round tower.	**Radar reflector.**
13372 *G 5374*	Crofton Osborn Bay.	48° 52.8′ N 123° 37.7′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	19 **6**	6	White round tower.	
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 round tower.	
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**	6	White round 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**	5	White round tower, red band.	**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**	6	White round 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**		White round 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**	5	White round tower, red band.	**Radar reflector.**
			F.W.R.W.	11 **3**	9	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 square tower.	
13508 *G 5373*	Conconi Reef.	48° 49.5′ N 123° 17.5′ W	**Q.W.**	20 **6**	5	White round tower, red band at top.	
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**		White roundr tower, red band at top.	
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.	
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.	

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			BRITISH COLUMBIA-CANADA				
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 round tower, red band.	
			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	26 **8**	6	White round tower, red band at top.	
13532 *G 5352*	Fulford Harbor.	48° 46.2′ N 123° 27.0′ W	**Fl.W.** period 4s	20 **6**		On dolphin.	Activated when required for ferry movements only. **Horn:** 1 bl. ev. 20s. 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**	6	White round tower, green band at top.	
13544 *G 5345.9*	Shute Reef.	48° 42.6′ N 123° 25.8′ W	**Q.R.**	23 **7**		White round 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**		White round tower, green band at top.	
13556 *G 5345.2*	Coal Island.	48° 41.4′ N 123° 23.3′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	24 **7**	5	White round 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**	5	White round tower, green band.	**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	15 **5**		4-pile dolphin, red and white triangular daymark.	
13565 *G 5344.62*	-Entrance.	48° 40.3′ N 123° 24.3′ W	**Q.R.**	22 **7**		Mast, on 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 Bay Entrance.	48° 40.4′ N 123° 24.7′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	16 **5**	6	Single pile dolphin, black, white and green daymark.	
13572 *G 5344.74*	Blue Heron Basin.	48° 40.4′ N 123° 25.0′ W	**Q.G.**	16 **5**		Single pile dolphin, white, black 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**	6	White round 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**		White round tower, green band at top.	
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.	

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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						
13588 *G 5142*	Patos Island (U.S.), NW. end of larger island, N. entrance to Haro Strait.	48° 47.0′ N 122° 58.0′ 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. **Horn:** 1 bl. ev. 30s.
13590	*Rosenfeld Rock Buoy "U59".*	48° 48.2′ N 123° 01.6′ W	**Fl.G.** period 4s			PORT (B) G, pillar.	**Radar reflector.**
	RACON		**U(• • –)**				
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; 45.	Emergency light.
			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.	

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	BRITISH COLUMBIA-CANADA						
13608 *G 5357*	Hay Point, Bedwell Harbor.	48° 44.7′ N 123° 13.7′ W	**Q.R.**	23 **7**		White round tower, red band at top.	
	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.	48° 38.3′ N 123° 17.8′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	15 **5**	4	White round tower, green band at top.	
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**		White round tower, green band at top.	
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 round tower; 12.	**Radar reflector.**
	-Sidney channel:						
13648 *G 5342*	- -Dock Island.	48° 40.3′ N 123° 21.4′ W	**Q.G.**	37 **11**		White round tower, green band at top; 18.	**Radar reflector.**
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**		White round tower, red band at top; 19.	**Radar reflector.**
13654 *G 5341.6*	- -Sidney, breakwater.	48° 39.2′ N 123° 23.5′ W	**Fl.R.** period 4s fl. 0.5s, ec. 3.5s	21 **6**		White round tower, red band at top; 15.	
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**	6	Mast on 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**	**16**	White round tower; 35.	**Horn:** 1 bl. ev. 60s.
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*	-Brochie Ledge.	48° 24.4′ N 123° 23.2′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	37 **11**	7	White round tower, green band at top; 18.	**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 bottom; 22.	
13712 *G 5312.4*	-Berens Island.	48° 25.5′ N 123° 23.5′ W	**Q.G.**	20 **6**	4	White round tower, green band at top.	**Radar reflector.**
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.	
	-AVIATION LIGHT.		**Q.W.**				Aero. Occasional.

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			BRITISH COLUMBIA-CANADA				
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**	4	White round tower, green band at top; 21.	**Radar reflector.**
	-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 round tower, red band at top.	**Radar reflector.**
13728 *G 5325*	-Tuzo Rock.	48° 25.5′ N 123° 22.3′ W	**Q.G.**	19 **6**		White round tower, green band at top.	**Radar reflector.**
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**	**18**	Round tower, black and white bands; 80.	**Horn:** 3 bl. ev. 60s (bl. 2s, si. 3s, bl. 2s, si. 3s, bl. 2s, si. 48s). Horn points 155°.
13764 *G 4772*	**New Dungeness.**	48° 10.9′ N 123° 06.6′ W	**Fl.W.** period 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	60 **18**	W. **18** G. **16**	Skeleton tower.	**Horn:** (about 600 yards E.) 1 bl. ev. 30s. **Radiobeacon** antenna about 600 yards E.
	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.
13776 *G 5296.2*	-Harbor Outer Range, front.	48° 21.6′ N 123° 42.4′ W	**F.Y.**	9 **3**	10	5-pile dolphin, white daymark, red stripe.	
13780 *G 5296.21*	- -Rear, 101 meters 049° 40′ from front.	48° 21.6′ N 123° 42.3′ W	**F.Y.**	18 **6**	10	5-pile dolphin, white daymark, red stripe.	
13784 *G 5296.3*	-Harbor Inner Range, front.	48° 21.8′ N 123° 42.6′ W	**F.Y.**	11 **3**	10	5-pile dolphin, white daymark, red stripe.	
13788 *G 5296.31*	- -Rear, 35 meters 007° 34′ from front.	48° 21.8′ N 123° 42.5′ W	**F.Y.**	16 **5**	10	5-pile dolphin, white daymark, red stripe.	
13793 *G 5296.4*	-Harbor Range, front.	48° 21.9′ N 123° 43.7′ W	**F.Y.**	10 **3**	10	7-pile dolphin, white daymark, red stripe.	Visible on range line only.

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			BRITISH COLUMBIA-WASHINGTON				
13794 *G 5296.41*	--Rear, 37 meters 300° from front.	48° 21.9′ N 123° 43.7′ W	**F.Y.**	15 **5**	10	7-pile dophin, white daymark, red stripe.	Visible on range line only.
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.	
13808 *G 5290*	San Juan Point.	48° 31.9′ N 124° 27.4′ W	**Fl.R.** period 5s fl. 0.2s, ec. 4.8s	55 **17**	11	White round tower, red band at top on white rectangular building.	
13816 *G 4756*	**Cape Flattery.**	48° 23.5′ N 124° 44.2′ W	**Fl.(2)W.** period 20s	165 **50**	**18**	White conical tower on white sandstone dwelling; 57.	Obscured 271°-007°30′. Emergency light Iso.W. 6s. **Horn:** 2 bl. ev. 60s. (bl. 3s, si. 3s, bl. 3s, si. 51s).
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.
13821 *G 5289*	-Bonilla Point Fisheries.	48° 35.7′ N 124° 43.0′ W	**Fl.W.R.** period 4s fl. 0.5s, ec. 3.5s	56 **17**	8	Skeleton tripod tower, red triangular slatwork daymark.	Fl.R. to E. of line between Bonilla Point and Tatoosh Island, Fl.W. to W. of Fisheries light. Seasonal.
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	**F.W.R.,** Fl.W.R. period 5s fl. 0.1s, ec. 4.9s	167 **51**	12	Red skeleton tower, white slatwork daymarks on 3 sides; 32.	W. 311°-097°, R.-182°. High intensity white and red flash superimposed ev. 5s. **Horn:** 1 bl. ev. 30s. Emergency light.
	-Trevor Channel:						
13840 *G 5257*	--Bordelais Islets.	48° 49.1′ N 125° 13.8′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	93 **28**	7	White round tower, green band at top.	
13848 *G 5256.4*	--Whittlestone Point.	48° 48.7′ N 125° 10.8′ W	**Dir.F.W.R.G.**	44 **13**	9	White round 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		
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	Mast.	
13860 *G 5260*	--San Jose Islets.	48° 54.1′ N 125° 03.4′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	25 **8**	7	White round tower, red band at top.	
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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	BRITISH COLUMBIA-WASHINGTON						
	-Alberni Inlet:						
13868 *G 5262*	--Chup Point, E. side.	48° 57.3′ N 125° 01.7′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	14 **4**		White round tower, green band at top.	
13872 *G 5262.6*	--Limestone Islet.	48° 58.9′ N 124° 58.3′ W	**Q.W.**	28 **8**	6	White round tower.	
13876 *G 5263*	--Star Point, S. side, opposite Handy Creek.	48° 58.6′ N 124° 56.8′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	17 **5**	6	White round tower, red band at top.	

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	BRITISH COLUMBIA-CANADA						
	BARKLEY SOUND:						
	-Alberni Inlet:						
13880 *G 5264*	--Pocahontas Point.	48° 59.0′ N 124° 55.1′ W	**Q.G.**	20 **6**		White round tower, green band at top.	
13884 *G 5264.4*	--Spencer Creek.	48° 59.3′ N 124° 53.5′ W	**Fl.R.** period 4s fl. 0.5s, ec. 3.5s	17 **5**		Mast, red and white triangular daymark.	
13888 *G 5265*	--Bilton Point.	49° 00.7′ N 124° 52.3′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	22 **7**	6	White round tower, green band at top.	
13892 *G 5266*	--Ten Mile Point.	49° 03.6′ N 124° 50.4′ W	**Fl.R.** period 4s fl. 0.5s, ec. 3.5s	27 **8**	5	White round tower, red band at top.	
13896 *G 5267*	--Hocking Point.	49° 05.3′ N 124° 49.9′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	29 **9**		White round mast, green band at top.	
13900 *G 5268*	--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 *G 5269*	--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 *G 5270*	--Dunsmuir Point.	49° 09.2′ N 124° 48.5′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	22 **7**	6	White round tower, green band at top.	
13912 *G 5271*	--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 *G 5272*	--Lone Tree Point.	49° 11.0′ N 124° 49.0′ W	**Q.R.**	25 **8**		White round tower, red band at top.	
13920 *G 5273*	--Polly Point.	49° 13.0′ N 124° 49.0′ W	**Fl.R.** period 4s fl. 0.5s, ec. 3.5s	14 **4**	5	White round tower, red band.	
13924 *G 5274*	--Hohm Island.	49° 13.7′ N 124° 49.5′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	27 **8**	6	White round tower.	
13928 *G 5276*	--Alberni.	49° 14.3′ N 124° 49.3′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	17 **5**		Pile, on 7-pile dolphin, black, white and green square daymark.	
13932 *G 5277*	--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.	

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			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**		White round tower, red band at top.	
13940 *G 5254.5*	-Baeria Rock.	48° 57.0′ N 125° 09.3′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	40 **12**	6	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*	-Lyall 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 Island.	48° 54.6′ N 125° 28.3′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	40 **12**	6	White round tower.	
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. 0.4s, ec. 11.6s	50 **15**	**16**	White rectangular tower; 20.	**Horn:** 1 bl. ev. 20s.
	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.
14008 *G 5240.2*	-Wilf Rock.	49° 08.2′ N 125° 58.5′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	40 **12**	7	Mast.	Seasonal.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA-CANADA				
14012 *G 5241.8*	-Berryman Point, NW. of point.	49° 09.4′ N 125° 40.6′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	16 **5**	6	Mast, red and white triangular daymark; 12.	
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.	
14016 *G 5241.6*	--E. breakwater.	49° 09.3′ N 125° 54.0′ W	**Q.R.**	13 **4**		Mast, red and white triangular daymark; 10.	
14020 *G 5241*	-Deadman Islands.	49° 09.7′ N 125° 12.5′ W	**Fl.R.** period 4s fl. 0.5s, ec. 3.5s	15 **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. 0.3s, ec. 9.7s	88 **27**	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA-CANADA				
14092 *G 5217.4*	-Vernaci Island, off W. side of 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**	7	Mast; 20.	
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 round tower; 18.	
14116 *G 5220*	-Zuciarte 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**	6	White round tower, green band at top.	
14120 *G 5219.6*	-Zuciarte Channel South.	49° 35.7′ N 126° 31.3′ W	**Fl.R.** period 4s fl. 0.5s, ec. 3.5s	31 **9**		White round tower, red band at top.	
14124 *G 5220.2*	-Atrevida Point.	49° 39.0′ N 126° 26.0′ W	**Q.G.**	21 **6**		White round tower, green band at top; 15.	**Radar reflector.**
14128 *G 5220.4*	-Gore Island West.	49° 39.0′ N 126° 26.0′ W	**Q.R.**	24 **7**		White round tower, red band at top; 15.	
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**		White round tower, red band at top; 15.	
14136 *G 5221*	-Muchalat Inlet.	49° 39.0′ N 126° 21.0′ W	**Q.G.**	18 **6**		White round tower, green band at top; 16.	
14140 *G 5221.2*	-Muchalat Inlet, East.	49° 39.0′ N 126° 16.0′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	18 **5**	5	White round tower, green band; 21.	
14144 *G 5221.4*	-Muchalat Inlet.	49° 39.0′ N 126° 13.0′ W	**Fl.R.** period 4s fl. 0.5s, ec. 3.5s	23 **7**		White round tower, red band at top; 20.	
14148 *G 5219.4*	-Clerke Penisula.	49° 36.2′ N 126° 32.2′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	40 **12**	7	Mast.	
	ESPERANZA INLET:						
14160 *G 5204*	-Nuchatlitz.	49° 49.2′ N 126° 58.9′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	37 **11**	6	White round tower; 15.	
14164 *G 5206*	-Double Island.	49° 50.6′ N 126° 59.9′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	33 **10**	12	White round tower, green band; 12.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA-CANADA				
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 round tower, green band at top; 15.	
14184 *G 5209*	-N. side.	49° 57.6′ N 126° 50.8′ W	**Q.R.**	21 **6**	4	White round tower, red band; 16.	
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; 16.	
14192 *G 5210*	Tahsis North Narrows, NE. side of narrows.	49° 52.0′ N 126° 42.0′ W	**Q.W.**	20 **6**	5	White round tower, red band at top; 18.	
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**	6	White round tower, green band at top; 19.	
14200 *G 5211*	-Narrows, N. side of E. entrance.	49° 52.0′ N 126° 40.0′ W	**Fl.W.** period 4s fl. 0.5s, ec. 3.5s	20 **6**	6	White round tower; 20.	
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; 14.	
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: 31.	**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; 18.	
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**		White round tower, green band at top; 26.	**Radar reflector.**
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**	6	Mast; 12.	**Radar reflector.**
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; 7.	
	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	27 **8**	6	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**	5	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	35 **11**	6	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**	6	White round tower; 14.	
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**		Mast, red and white triangular daymark.;18.	
14256 *G 5200*	Gayward Rock.	50° 01.3′ N 127° 23.4′ W	**Q.W.**	27 **8**	6	White round tower; 17.	
14260 *G 5198*	Lookout Island.	50° 00.0′ N 127° 27.0′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	48 **15**	9	White round tower, green band at top on white rectangular building; 23.	High intensity flash superimposed ev. 5s. **Horn:** 1 bl. ev. 20s.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA-CANADA				
14264 *G 5194*	Solander Island.	50° 07.0′ N 127° 56.0′ W	**Fl.W.** period 10s fl. 0.3s, ec. 9.7s	309 **94**	14	White round tower.	
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**	6	Mast.	Obscured 318°-050°.
	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.	50° 28.6′ N 127° 53.7′ W	**Fl.G.** period 4s fl. 0.5s, ec. 3.5s	29 **9**	5	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**	6	White round 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*	-Makwazniht Island.	50° 33.4′ N 127° 33.3′ W	**Q.W.**	10 **3**	5	Mast.	
14320 *G 5189*	-Straggling 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.

(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	Whiteoctagonal concrete tower; 33.	Visible 263°-155°; North Coronado Island obscures the light 135°-139°, and Middle Coronado Island obscures it 148°-151°.
14348.5 *G 3630*	Punta San Miguel.	31° 54.0′ 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.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
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.	
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 Colonet.	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.W.** period 12s	33 **10**	10	Truncated pyramidal white aluminum 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**		
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
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**	**25**	White round concrete tower; 56.	Visible 120°-060°.
	RACON		**B(– • • •)**		**20**		
14416 *G 3612*	Islas San Benito.	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.	
14448 *G 3610*	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	36 **11**	10	White truncated pyramidal mansonary 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° 40.0′ N 114° 54.0′ W	**Fl.(4)W.** period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	105 **32**	10	Truncated pyramidal metal framework tower; 34.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
14466 *G 3603*	Tortugas.	27° 42.0′ N 114° 52.6′ 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. m	
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	Red round concrete tower; 23.	
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.	
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	30 **9**	8	White round metal tower, red bands; 20.	
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 masonary tower, dwelling; 23.	Visible 319°-202°.
	RACON		**Y(– • – –)**		**20**		
14504 *G 3593*	-Punta Redonda.	24° 31.0′ N 112° 00.7′ W	**Fl.(2)W.** period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	62 **19**	8	White truncated pyramidal masonary tower; 30.	Visible 250°-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 Fical.	24° 47.3′ N 112° 07.4′ W	**Iso.W.** period 2s	66 **20**	8	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	72 **22**	10	White truncated pyramidal metal tower; 72.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
14520 *G 3594.1*	--Rear, about 594 meters 087° from front.	24° 32.5′ N 111° 48.4′ W	**Iso.W.** period 2s	89 **27**	10	White truncated pyramidal metal tower; 89.	
14524 *G 3595*	-Puerto Cortes 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**	**25**	Red hexagonal tower, white bands; 20.	Visible 270°-130°.
	RACON		**F(• • – •)**		**20**		
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 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 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**	**20**	Tower on roof of hotel.	
14554 *G 3590.1*	--Rear, about 290 meters 268° from front.	22° 52.8′ N 109° 54.9′ W	**Iso.W.** period 2s	125 **38**	12	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**	11	White round concrete tower; 33.	
14560 *G 3584*	San Jose del Cabo.	23° 03.8′ N 109° 39.9′ W	**Fl.(2)W.** period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	118 **36**	12	White concrete tower, red bands, dwelling; 33.	
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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
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.	
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.	
14596 *G 3568*	San Lorenzo Sur, “El Explorado".	24° 21.8′ N 110° 18.0′ W	**Fl.(2)W.** period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 **10**	9	White round concrete tower, red bands; 23.	
14597 *G 3568.5*	-Norte.	24° 22.7′ N 110° 18.6′ W	**Fl.(4)R.** period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	26 **8**	8	Red round metal tower; 26.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
	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 conical masonry tower, red bands; 14.	
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° 51.0′ N 110° 36.0′ W	**Fl.(2)W.** period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	25 **8**	11	Metal tower; 25.	
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; 30.	
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	141 **43**	11	Truncated pyramidal metal tower; 36.	
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.	

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
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 Sombrerito 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 Agujas.	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.	
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 of island.	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*	-Island, 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
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.	
	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**	11	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**	11	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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
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 alunimum 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.	
14749 *G 3540.8*	Roca Consagracion.	31° 07.0′ N 114° 29.0′ W	**Fl.W.** period 6s fl. 1s, ec. 5s	39 **12**	9	White round concrete tower, red bands; 21.	
14750 *G 3542.5*	-N. mole.	31° 01.0′ N 114° 49.0′ W	**Iso.R.** period 2s	49 **15**	4	White round concrete tower; 30.	
14751 *G 3542.6*	-N. mole.	31° 01.0′ N 114° 49.0′ W	**Iso.R.** period 2s	49 **15**	4	White round concrete tower; 30.	
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 116° 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.	

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
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°.
	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 Golondriuas 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.	
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		**K(– • –)**		**20**		

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
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.	
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.	
14926 *G 3515*	Perihuete 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
	MAZATLAN:						
14964 *G 3504*	**-Isla Creston.**	23° 10.7′ N 106° 25.7′ W	**Fl.W.** period 7s	515 **157**	**30**	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**		
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**	10	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	52 **16**	7	Red concrete column; 30.	
14976 *G 3507*	-W. breakwater.	23° 10.8′ N 106° 25.2′ W	**Fl.G.** period 5s fl. 0.5s, ec. 4.5s	52 **16**	7	Green concrete column; 30.	
14978	-N. breakwater.	23° 11.1′ N 106° 25.1′ W	**Iso.G.** period 2s	10 **3**	5	White round metal column.	
14978.5 *G 3507.6*	-Transport Jetty.	23° 11.3′ N 106° 25.0′ W	**Fl.G.** period 3s fl. 0.5s, ec. 2.5s	30 **9**	6	White truncated pyramidal metal tower; 24.	
14979	-Tourist mole.	23° 11.3′ N 106° 25.0′ W	**Fl.G.** period 3s fl. 0.5s, ec. 2.5s	30 **9**	6	Green round metal column; 20.	
14980 *G 3505*	-Harbor channel Range, front.	23° 12.6′ N 106° 24.4′ W	**Fl.W.** period 3s fl. 1s, ec. 2s	52 **16**	8	Orange truncated pyramidal metal tower; 46.	
14984 *G 3505.1*	- -Rear, 1,450 meters 018°30′ from front.	23° 13.4′ N 106° 24.2′ W	**Iso.W.** period 2s	158 **48**	8	Orange truncated pyramidal metal tower; 23.	
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.	
14992 *G 3504.4*	-Harbor entrance channel Range, front.	23° 12.9′ N 106° 24.2′ W	**Fl.W.** period 3s fl. 1s, ec. 2s	56 **17**	13	Orange truncated pyramidal metal tower; 48.	
14996 *G 3504.41*	- -Rear, 500 meters 023° from front.	23° 13.1′ N 106° 24.0′ W	**Iso.W.** period 2s	69 **21**	13	Orange truncated pyramidal metal tower; 62.	
14997 *G 3505*	-Harbor channel Range, front.	23° 12.6′ N 106° 24.4′ W	**Fl.W.** period 3s fl. 1s, ec. 2s	52 **16**	8	Orange truncated pyramidal metal tower; 46.	
14997.5 *G 3505.1*	- -Rear, 1450 meters 018° 30′ from front.	23° 13.4′ N 106° 24.2′ W	**Iso.W.** period 2s	158 **48**	8	Orange truncated pyramidal metal tower; 23.	
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.	
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.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
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.	
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*	-Balleto Anchorage, 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.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
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.	
15057 *G 3492.6*	Huanacaxtle.	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		**K(– • –)**		**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**	**18**	White truncated pyramidal octagonal tower, house with red cupola; 20.	
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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
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.	
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**	5	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° 03.9′ N 104° 17.3′ 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° 03.9′ N 104° 17.1′ 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**	**18**	White octagonal concrete tower, dwelling; 36.	
	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	59 **18**	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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
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**		
	ESTERO DE SAN JOSE (LAGUNA DE GUERRERO NEGRO):						
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.	
	ISLAS REVILLAGIGEDO:						
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°.
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**	10	Truncated pyramidal metal tower; 24.	
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.	
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°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
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**	4	Red round concrete tower.	
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.	
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 Tecoanapa.	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.	
15242 *G 3450*	El Corralero.	16° 12.5′ N 98° 12.1′ W	**Fl.W.** 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.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
15248 *G 3447*	Cerro Hermoso.	15° 57.0′ N 97° 32.0′ W	**Fl.R.** 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.	
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.	
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	23 **7**	6	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	23 **7**	6	Red concrete tower; 23.	
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 346°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.	
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.	

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			MEXICO				
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	**F.R.**	49 **15**	3		
	PUERTO QUETZAL:						
15361 *G 3385*	-Entrance Range, front.	13° 55.3′ N 90° 48.1′ W	**Q.W.**	43 **13**		White and red 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	Red and white daymark.	
15362 *G 3386*	-Light No "1", S. breakwater.	13° 55.0′ N 90° 47.7′ W	**Q.G.**	39 **12**	4		
15362.5 *G 3386.4*	-Light No "2", N. breakwater	13° 55.2′ N 90° 47.6′ W	**Q.R.**	43 **13**	4		
15363 *G 3386.8*	-Light No. "6".	13° 55.3′ N 90° 47.9′ W	**Q.R.**	43 **13**	4		
15363.5 *G 3387*	-AVIATION LIGHT.	13° 55.6′ N 90° 48.7′ W	**Aero.Fl.(2)W.** period 5s	96 **29**			
			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.	*Reported extinguished (1995).*
15368 *G 3382*	-National pier, head.	13° 34.7′ N 89° 50.5′ W	**F.R.**	85 **26**	7		*Reported temporarily Iso.R. 3s (1991).*
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.	*Reported difficult to distinguish from shore lights (March 1982).*
15384 *G 3366*	Punta Chiquirin, S. extremity.	13° 17.4′ N 87° 46.8′ W	**Fl.W.** period 5s fl. 0.5s, ec. 4.5s	68 **21**	10	Aluminum painted steel tower, concrete base.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			EL SALVADOR				
15388 *G 3367*	Isla Zacatillo (Isla Punta Zacate), W. side of island.	13° 18.6′ N 87° 46.2′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	60 **18**	5	Aluminum tower, concrete base.	
15392 *G 3370*	La Union, Cutuco pier, on center of E. end of shed.	13° 20.0′ N 87° 49.2′ W	**F.R.**	36 **11**	3	Metal tower.	F.R. 5m close N., F.G. 5m close S.
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.	*Reported extinguished (March 1986).*
			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.Fl.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° 15.0′ N 85° 53.0′ W	**Fl.R.** period 6s fl. 1s, ec. 5s	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	**F.R.**	53 **16**	5	White water tower.	
			COSTA RICA				
15452 *G 3344*	**Islas Negritos.**	9° 49.3′ N 84° 49.6′ W	**Fl.(4)W.** period 20s	156 **48**	**15**	Skeleton steel tower; 40.	*Reported extinguished (Jan. 1994).*

(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° 54.7′ N 84° 43.5′ W	**Fl.R.** period 3s				
	GOLFO DE NICOYA:						
15456 *G 3320*	-On dock N. of small customs office at bend of mole.	9° 58.2′ N 84° 49.9′ W	**Oc.(4)R.** period 10s	51 **16**	12	Silver iron tower; 45.	
15460 *G 3316*	**Isla Herradura.**	9° 38.0′ N 84° 41.0′ W	**Fl.W.** period 10s fl. 1s, ec. 9s	325 **99**	**15**	Skeleton steel tower; 40.	*Reported F.W. (Jan. 1994).*
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°. *Reported extinguished (January 1982).*
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.	*Reported partially obstructed by vegetation (October 2002).*

Section 15

Radiobeacons

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
			CHILE				
10	Punta Arenos	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.
90	Punta Angeles (Valparaiso) Light Station	33° 01.3′ S 71° 39.2′ W	**VASO** **(•••– •– ••• –––).** period 6s tr 3.9s si 2.1s	170		300 NON, A2A.	
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.
120	Punta Tortuga Light Station	29° 55.9′ S 71° 21.6′ W	**TUGA** **(– ••– ––• •–).**	170		322.5 NON, A2A.	
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/Cavancha	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 N0N, 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.
1580	Finschhafen	6° 37.0′ S 147° 52.0′ E	**FIN** **(• • – • • • – •).**	85		232 NON, A2A.	AERO.
1590	Lae	6° 44.0′ S 146° 59.0′ E	**LA** **(• – • • • –).**	110		388 NON, A2A.	AERO.
1592	Daru	9° 04.6′ S 143° 12.6′ E	**DAU** **(– • • • – • • –).**	110 100		290 N0N, A2A.	AERO.
			SOLOMON ISLANDS				
1610	Kieta, Bougainville	6° 18.0′ S 155° 43.0′ E	**KIA** **(– • – • • • –).**	50 30		374 N0N, 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 N0N, A2A.	AERO.
1635	Kirakira, San Cristobal	10° 27.0′ S 161° 55.4′ E	**KK** **(– • – – • –).**	150		288 N0N, 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 N0N, 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.

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
			SOUTH PACIFIC ISLANDS				
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.
1700	Graciosa Bay, Santa Cruz Islands	10° 43.0′ S 165° 47.0′ E	**GB** **(– – • – • • •).**	150		370 N0N, 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.	
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 N0N, A2A.	AERO.

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
			AUSTRALIA				
2110	Whyalla	33° 04.0′ S 137° 31.0′ E	**WHA** **(• – – • • • • • –).**	75		371 NON, A2A.	AERO.
2120	Ceduna	32° 08.0′ S 133° 44.0′ E	**CDU** **(– • – • – • • • • –).**	230 110		293 NON, A2A.	AERO.
2165	Learmonth	22° 14.5′ S 114° 05.7′ E	**LM** **(• – • • – –).**	90		396 NON, A2A.	AERO.
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.
			SOUTH PACIFIC ISLANDS				
	Iles de la Societe (F.):						
	-Bora Bora:						
3000	Sydney	33° 59.2′ S 150° 58.7′ E	T 703	150	308	200	Range is calculated not measured.
			AUSTRALIA				
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° 20.7′ S 146° 10.0′ E	T 708 R 8	200	306	200	Message Types: 3, 5, 6, 7, 9, 16.
3300	Horn Island	10° 35.5′ S 142° 16.5′ E	T 702	150	320	200	Range is calculated not measured.
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.

(1) No.	(2) Name	(3) Position	(4) Station ID	(5) Range	(6) Frequency	(7) Transfer Rate	(8) Remarks
			AUSTRALIA				
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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Mawson 2500
McInnes Island 1050
Mejillones 140
Midway 1460
Minami-Tori Shima 1490
Moorea 1830
Moses Point 1330
Motu Mute 1860

N

Napier 2330
Neah Bay 860
New Plymouth 2490
Niue 1781
Norfolk Island 1655
North River 1320
Noumea 1670

O

Oamaro 2390
Ocean Cape 1190
Oliktok 1400

P

Pahoa 1440
Point Lay 1360
Port Vila 1690
Prince Rupert 1100
Punta Angeles 90
Punta Arenos 10
Punta Corona 40
Punta Tortuga 120

Q

Quintero 100

R

Race Rocks 854
Rarotonga 1790
Rurutu 1805

S

Saipan 1540
Salinas 190
San Clemente Island 430
Santa Elena 260
Santo Domingo 80
Sitka 1140

T

Takapoto 1890
Tarawa 1465
Tofino 910
Tongoy 110
Touho 1680
Trujillo 210

U

Uliga 1470
Upolo Island 1780
Uturoa 1850

V

Victoria/Sidney Island 940

W

Wainwright 1370
Wanaea 2175
Wanganui 2480
Wellington 2335
Whyalla 2110
Wildwood 1240
Woody Island 1260

Y

Yap 1510

INDEX – DIFFERENTIAL GPS STATIONS

A

Albany 4100
Alert Bay 210
Amphitrite Point 200
Annette Island 510

B

Brisbane. 3700

C

Cape Flattery 3400
Cape Hinchinbrook 490
Cape Mendocino 660
Cape Schanck 2700
Cold Bay 450

D

Darwin 4300

F

Fort Stevens. 650

G

Gladstone 3100
Gustavus 500

H

Horn Island 3300

I

Ingham. 3200

K

Karratha. 3800
Kenai 470
Kodiak 460
Kokole Point. 400

M

Mackay 3500
Mallacoota 4200

P

Perth 4000
Pigeon Point 680
Point Arguello 690
Point Blunt 670
Point Loma 700
Potato Point. 480

R

Richmond 205
Robinson Point 610

S

Sandspit. 215
Sydney. 3000

U

Upolu Point 410

W

Weipa 3900
Whidbey Island 600

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

Inter.	U.S.
F2112	10933
F8364	10955
F8366	10956
F8366.1	10960
F8367	10955.5
F8370	10962
F8371	10961
F8382	10981
F8384	10982
F8386	10983
F8386.1	10983.1
F8386.2	10984
F8387.4	10985
F8387.41	10985.1
F8388	10986
F8388.1	10986.1
F8404	10932
F8408	10936
F8410	10934
F8425	10942
F8425.4	10943
F8430	10943.5
F8447	10944
F8448	10944.2
F8448.2	10944.25
F8448.4	10944.3
F8448.5	10944.4
F8448.7	10944.6
F8449	10944.7
F8453	10948
F8453.1	10948.1
F8453.2	10946
F8453.7	10947
F8457	10952.2
F8457.1	10952.4
F8459	10952.6
F8459.1	10952.7
F8460	10953
F8461	10953.2
F8466	11060
F8466.2	11060.2
F8466.25	11060.25
F8466.3	11060.3
F8466.35	11060.35
F8466.4	11060.4
F8466.45	11060.45
F8466.55	11060.55
F8466.75	11060.75
F8467	10988
F8467.5	11014
F8468	11040
F8471	11050
F8482	11096
F8508	11076
F8512	11080
F8515	11084
F8516	11092
F8528	11108
F8536	11100
G1294	2710.16
G1295	2711
G1295.2	2711.4
G1295.4	2711.6
G1296	2710.12
G1298	2710.09
G1300	2710.07
G1302	2710.05
G1303	2710.5
G1303.4	2710
G1304	2710.02
G1306	2708
G1307	2704
G1308	2700
G1310	2696
G1311	2684
G1312	2688
G1312.1	2692
G1313	2676
G1313.1	2680
G1314	2668
G1314.1	2672
G1314.3	2638
G1315	2664
G1316	2640
G1317.8	2636
G1318	2632
G1319.4	2624
G1320	2620
G1322	2608
G1322.1	2609
G1322.4	2604
G1323	2576
G1323.1	2578
G1323.4	2600
G1323.6	2616
G1325	2580
G1326	2584
G1326.5	2590
G1327	2596
G1329	2572
G1329.5	2570
G1330	2568
G1331	2567.5
G1331.2	2567.6
G1332	2564
G1332.2	2566
G1332.3	2567
G1332.5	2574
G1333	2560
G1333.1	2561
G1333.17	2562.5
G1333.19	2563
G1333.2	2558
G1333.4	2610
G1333.5	2554
G1333.6	2556
G1333.7	2557
G1333.8	2552
G1334	2548
G1334.06	2537.5
G1334.1	2538
G1334.15	2539
G1334.2	2544
G1334.4	2540
G1334.6	2536
G1334.8	2365
G1335	2367
G1335.1	2537
G1335.2	2366
G1336	2712
G1336.5	2713
G1338	2718
G1381	2744
G1382	2745
G1384	2736
G1386	2732
G1387.4	2728
G1387.5	2729
G1387.6	2724
G1387.7	2725
G1387.8	2722
G1387.9	2721
G1388	2720
G1388.2	2720.5
G1389	2756
G1389.2	2760
G1389.21	2764
G1395	2768
G1398	2784
G1400	2792
G1401	2793
G1401.7	2795
G1406	2527.5
G1406.5	2527
G1408	2532
G1409	2528
G1410.5	2524
G1411	2520
G1411.5	2512
G1412	2516
G1413	2508
G1414	2496
G1416	2492
G1419	2488
G1420	2484
G1422	2476
G1424	2468
G1425	2472
G1425.5	2464
G1426	2444
G1428	2448
G1431	2454
G1431.1	2455
G1432	2452
G1434	2424
G1435.3	2405
G1435.31	2406
G1435.4	2408
G1436	2412
G1438	2414
G1440	2404
G1442	2388
G1443	2400
G1443.2	2392
G1443.3	2396
G1444	2384
G1446	2380
G1447	2376
G1447.2	2384.1
G1447.25	2384.8
G1447.3	2384.2
G1447.33	2373
G1447.4	2385
G1447.5	2386
G1447.6	2387
G1447.7	2384.6
G1448	2372
G1449	2368
G1450	2364
G1454	2360
G1456	2356
G1456.2	2353
G1456.3	2355.4
G1456.4	2353.2
G1456.6	2353.4
G1456.8	2353.8
G1457	2353.6
G1460	2352
G1466	2348
G1467.5	2342
G1468	2340
G1474	2336
G1476	2332
G1477	2330
G1478	2328
G1480	2320
G1480.5	2322
G1481	2316
G1482	2312
G1482.5	2308
G1483	2304
G1484	2300
G1485	2298
G1486	2296
G1486.5	2297
G1488	2292
G1490	2288
G1490.5	2289
G1491.5	2280
G1492	2276
G1493	2268
G1494	2264
G1495	2256
G1495.5	2254
G1496	2252
G1498	2324
G1502	2244
G1503	2262
G1503.5	2260
G1504	2236
G1504.2	2232
G1504.5	2240
G1506	2224
G1507	2228
G1508	2220
G1508.5	2216
G1509	2212
G1514	2208
G1516	2204
G1516.5	2206
G1517	2200
G1518	2196
G1520	2192
G1523	2190
G1524	2188
G1526	2180
G1527	2184
G1528	2176
G1529	2172
G1530	2168

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

Inter.	U.S.
G1530.3	2164
G1530.6	2162
G1531	2160
G1531.5	2156
G1533	2152
G1534	2148
G1534.2	2144
G1534.3	2136
G1534.4	2140
G1534.5	2134
G1534.7	2128
G1534.8	2132
G1535	2124
G1536	2120
G1538	2116
G1539	2112
G1540	2108
G1541	2104
G1542	2100
G1544	2096
G1545	2092
G1546	2088
G1546.3	2084
G1546.7	2087
G1546.8	2086
G1547	2080
G1547.5	2079
G1547.51	2078
G1547.52	2077
G1548	2076
G1550	2072
G1552	2064
G1553	2068
G1554	2060
G1555	2056
G1556	2052
G1557	2048
G1558	2044
G1558.45	2055
G1558.49	2043, 2095
G1558.5	2049.5
G1559	2050
G1560	2051
G1560.2	2053
G1560.4	2054
G1560.5	2049
G1562	2040
G1563	2036
G1563.2	2041
G1563.3	2039
G1563.5	2037
G1563.6	2038
G1563.7	2037.5
G1563.8	2038.5
G1564	2032
G1564.5	2028
G1565	2024
G1567	2020
G1568	2016
G1568.2	2014
G1568.3	2012
G1568.5	2008
G1568.8	1968
G1569	2004
G1570	1992

Inter.	U.S.
G1570.5	1988
G1570.6	1996
G1570.65	2000
G1571	1972
G1571.5	1976
G1571.7	1980
G1572	1984
G1572.4	1982.4
G1572.41	1982.5
G1572.6	1982
G1572.61	1982.1
G1573	1970
G1573.3	1964
G1573.4	1962
G1573.5	1960
G1574	1952
G1575	1956
G1575.2	1936
G1575.3	1940
G1575.5	1944
G1575.7	1920
G1575.8	1922
G1576	1948
G1576.3	1934
G1576.5	1926
G1577	1932
G1577.5	1928
G1578	1924
G1580	1916
G1580.4	1917
G1580.5	1917.2
G1580.7	1917.5
G1581	1908
G1582	1912
G1583	1910
G1584	1904
G1586	1900
G1588	1896
G1589	1892
G1590	1884
G1592	1888
G1596	1880
G1597	1876
G1598	1872
G1599	1874
G1603	1868
G1604	1856
G1606	1852
G1610	1836
G1611	1840
G1613	1848
G1620	1828
G1622	1824
G1623	1820
G1623.5	1812
G1624	1804
G1625	1808
G1628	1800
G1630	1792
G1631	1796
G1632	1788
G1634	1784
G1636	1780
G1636.5	1764
G1637	1768

Inter.	U.S.
G1638	1776
G1640	1760
G1642	1744
G1644	1736
G1644.1	1740
G1646	1728
G1646.1	1732
G1647	1724
G1647.5	1720
G1647.7	1748
G1648	1752
G1649	1756
G1650	1816
G1651	1688
G1652	1684
G1652.2	1680
G1653	1716
G1654	1712
G1655	1708
G1656	1676
G1658	1696
G1661	1706
G1661.4	1705
G1662	1704
G1664	1692
G1666	1588
G1668	1580
G1668.6	1578
G1669	1584
G1670	1576
G1670.5	1574
G1671	1572
G1672	1544
G1672.1	1548
G1674	1564
G1675	1560
G1676	1552
G1678	1556
G1678.5	1558
G1682	1592
G1683	1593
G1684	1656
G1686	1658
G1688	1668
G1689	1669
G1690	1672
G1692	1660
G1693	1664
G1694	1652
G1696	1612
G1696.5	1638.2
G1696.7	1638
G1697	1640
G1698	1644
G1700	1636
G1702	1620
G1702.2	1624
G1702.3	1628
G1702.4	1632
G1703	1633
G1703.1	1634
G1704	1608
G1710	1604
G1712	1600
G1714	1596

Inter.	U.S.
G1720	1540
G1722	1538
G1724	1536
G1726	1532
G1728	1504
G1730	1508
G1734	1516
G1736	1520
G1736.4	1524
G1737.4	1528
G1744	1500
G1747	1496
G1750	1492
G1752	1488
G1754	1486
G1756	1484
G1758	1480
G1762	1476
G1764	1424
G1765	1428
G1768	1452
G1770	1456
G1770.1	1460
G1771	1468
G1771.1	1472
G1773	1464
G1782.5	1436
G1782.6	1440
G1782.7	1440.1
G1782.8	1442
G1782.9	1442.1
G1783	1438
G1783.1	1438.1
G1784	1432
G1794	1420
G1795	1412
G1795.2	1414
G1795.3	1415
G1795.31	1415.5
G1795.4	1417
G1795.41	1417.5
G1795.5	1416
G1795.51	1416.5
G1796	1408
G1797	1344
G1798	1348
G1802	1360
G1806	1352
G1806.5	1353
G1806.51	1353.1
G1806.6	1354
G1806.61	1354.1
G1808	1364
G1812	1400
G1814	1396
G1816	1392
G1820	1384
G1821	1388
G1821.5	1399
G1823	1385
G1823.5	1385.5
G1824	1386
G1824.1	1386.5
G1826	1418
G1833	1376

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

Inter.	U.S.
G1834	1390
G1846	1336
G1850	1332
G1855	1328
G1856	1330
G1857	1284
G1858	1304
G1858.5	1303
G1859	1292
G1859.1	1310
G1859.11	1310.5
G1859.2	1309
G1859.21	1309.5
G1859.3	1296
G1859.31	1300
G1860	1308
G1860.2	1312
G1863	1283
G1864	1282
G1866	1280
G1869	1278
G1870	1272
G1871	1276
G1874	1268
G1875	1260
G1876	1256
G1877	1255.5
G1878	1263
G1880	1255
G1880.5	1254
G1882	1252
G1883	1222
G1883.1	1223
G1887.6	1248
G1887.8	1246
G1888.6	1228
G1889	1230
G1890	1216
G1891	1214
G1891.3	1213
G1891.5	1215
G1892	1212
G1894	1210
G1896	1208
G1896.2	1208.5
G1896.3	1209
G1896.5	1205
G1896.6	1204
G1896.7	1188
G1897	1192
G1897.1	1192.5
G1898	1193
G1898.1	1193.5
G1898.3	1194
G1898.31	1194.5
G1898.49	1195.5
G1898.5	1195
G1898.51	1195.7
G1898.7	1196
G1898.71	1196.5
G1900	1184
G1900.5	1176
G1901	1180
G1904	1172
G1906	1166
G1908	1168
G1916	1164
G1916.5	1163.8
G1918	1160
G1918.2	1161
G1918.21	1161.5
G1918.39	1162.5
G1918.4	1162
G1918.41	1162.7
G1918.5	1162.8
G1919.1	1163
G1919.11	1163.5
G1921	1156
G1921.5	1155.5
G1922	1151
G1923	1150
G1924	1148
G1924.5	1147
G1925.6	1142
G1925.61	1143
G1926	1144
G1932	1141
G1934.5	1136
G1935	1132
G1936	1130
G1937	1129
G1938	1128
G1940	1127
G1946	1124
G1947	1120
G1947.2	1126
G1947.3	1126.5
G1947.7	1116
G1948	1112
G1952	1108
G1953	1098
G1954	1100
G1956	1096
G1958	1084
G1960	1080
G1961	1078
G1963	1076
G1964	1072
G1968	1036
G1969	1040
G1969.2	1042
G1972	1048
G1974	1060
G1974.1	1064
G1974.3	1050
G1978	1028
G1984	1012
G1985	1016
G1986	1020
G1986.4	1010
G1987	1008
G1991	1152
G1991.1	1152.1
G1992	1152.5
G1993	1152.6
G1994	1153
G1994.5	1154
G1995	1155
G1996	1004
G2000	1000
G2000.4	998
G2001	996
G2002	992
G2003.4	980
G2004	984
G2004.1	988
G2006	978
G2006.1	979
G2010	976
G2011	948
G2011.4	968
G2011.6	972
G2013	951
G2013.1	955
G2014	944
G2016	936
G2018	932
G2022	924
G2025	920
G2028	916
G2029.4	900
G2029.5	904
G2029.7	912
G2029.8	908
G2030	896
G2032	892
G2034	856
G2034.2	868
G2034.4	864
G2034.6	888
G2035	860
G2037	872
G2038	880
G2038.2	884
G2039	876
G2043	844
G2044	846
G2045	836
G2046	840
G2048	828
G2049	812
G2050	816
G2052	788
G2053	780
G2053.4	784
G2054	786
G2054.1	786.5
G2055	805.2
G2055.4	805.3
G2056	805.1
G2056.2	805
G2057	804
G2057.8	794
G2058	796
G2058.4	790
G2059	792
G2061	770
G2062	768
G2063	756
G2063.4	764
G2063.6	754
G2065	752
G2066	748
G2067	744
G2068	740
G2069	736
G2071	732
G2074	728
G2075	724
G2076	716
G2080	712
G2084	704
G2084.4	708
G2085	700
G2086	696
G2086.1	697
G2086.11	697.5
G2086.2	702
G2086.3	703
G2086.4	698, 701
G2086.6	699
G2088	692
G2089	680
G2089.5	690
G2090	684
G2090.2	682
G2090.21	682.5
G2091	687
G2091.3	681
G2092	688
G2096	676
G2106	664
G2112	636
G2117	656
G2119	640
G2121	650
G2124	632
G2125	628
G2127	608
G2127.4	616
G2127.41	620
G2132	604
G2132.8	584
G2133.2	588
G2133.3	592
G2133.4	596
G2133.41	600
G2133.7	602
G2133.71	602.5
G2138	580
G2140	568
G2141	572
G2141.1	576
G2153	544
G2156	542
G2158	540
G2159	541
G2180	536
G2996	508
G2998	522
G3026	500
G3028	512
G3028.4	516
G3029	520
G3031	496
G3032	492
G3033	488
G3034	484
G3035	480
G3036	478

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

Inter.	U.S.
G3036.1	479
G3037	444
G3038	452
G3038.1	456
G3040.6	460
G3041	462
G3041.1	463
G3042	464
G3043	468
G3043.1	472
G3045	473
G3045.1	473.5
G3046	474
G3046.1	474.5
G3047	475
G3047.1	475.5
G3047.6	476.5
G3047.8	477
G3047.9	477.3
G3048	477.5
G3048.1	477.7
G3048.2	477.9
G3049.2	438
G3049.4	436
G3050	412
G3051	416
G3052	420
G3052.3	424
G3053	426
G3053.8	429
G3054	430
G3054.2	431
G3055	428
G3060	404
G3064	396
G3068	392
G3071	388
G3073	380
G3076	376
G3085	324
G3090	320
G3090.4	316
G3091	312
G3092	310
G3093	308
G3094	304
G3095	300
G3096	264
G3096.1	268
G3096.11	272
G3096.25	284
G3096.26	288
G3096.3	280
G3096.32	276
G3096.34	292
G3096.4	260
G3097	256
G3097.4	254
G3098	236
G3098.4	240
G3098.5	244
G3098.6	248
G3098.8	252
G3100	336
G3101	328
G3102	332
G3103	334
G3104	333
G3105	370.2
G3106	348
G3106.5	352
G3107	360
G3107.5	369.6
G3108	356
G3109	344
G3111	369.2
G3111.5	369
G3112	368
G3113	364
G3114	340
G3114.5	341
G3116	372
G3119	337
G3119.1	338
G3122	232
G3124	220
G3124.5	224
G3125	221
G3125.3	222
G3125.4	226
G3125.5	227
G3126	216
G3128	212
G3128.5	211
G3129	210
G3130	213
G3131	215
G3131.5	215.5
G3132	200
G3132.5	203.5
G3133	202
G3133.06	202.5
G3133.07	202.6
G3133.5	204
G3133.51	208
G3136	188
G3137	189
G3137.5	190
G3140	184
G3142	186
G3147	181
G3150	176
G3152	180
G3153.5	170
G3154	168
G3180	160
G3182	156
G3184	152
G3185	148
G3186	144
G3187	157
G3188	136
G3189	132
G3192	140
G3194	124
G3198	96
G3200	104
G3200.05	106
G3200.1	108
G3201	97
G3201.2	98
G3206	120
G3207	116
G3208	112
G3209	100
G3214	68
G3214.5	72
G3215	64
G3216	60
G3217	56
G3218	57
G3218.1	58
G3218.5	55
G3222	52
G3225	42
G3225.3	43
G3240	46
G3242	48
G3243	47
G3246	44
G3250	40
G3251	45
G3252	38
G3254	36
G3256	32
G3262	28
G3264	20
G3266	12
G3267	24
G3267.5	26
G3268	16
G3269	22
G3278	8
G3279	7
G3279.3	9
G3279.4	10
G3279.5	11
G3280	4
G3282	15469
G3282.5	15470
G3284	15472
G3285	15490
G3285.1	15491
G3286	15484
G3288	15476
G3290	15480
G3306	15468
G3310	15464
G3316	15460
G3320	15456
G3322	15454
G3344	15452
G3350	15440
G3351	15444
G3351.1	15448
G3351.4	15428
G3351.6	15432
G3351.7	15436
G3352	15400
G3353	15404
G3353.1	15408
G3354	15412
G3354.1	15416
G3355	15420
G3355.1	15424
G3359	15398
G3362	15394
G3363	15393
G3366	15384
G3367	15388
G3370	15392
G3378	15372
G3380	15364
G3382	15368
G3385	15361
G3385.1	15361.5
G3386	15362
G3386.4	15362.5
G3386.8	15363
G3387	15363.5
G3390	15356
G3392	15360
G3394	15355
G3397	15354
G3397.5	15354.5
G3404	15350
G3404.1	15351
G3422	15320
G3424	15324
G3424.2	15328
G3424.22	15332
G3424.4	15336
G3424.41	15340
G3424.6	15345
G3424.61	15346
G3424.7	15334
G3424.8	15341
G3424.81	15342
G3424.9	15333
G3425	15316
G3426	15312
G3428	15308
G3428.5	15306
G3429	15304
G3430	15300
G3431	15292
G3431.5	15296
G3432	15272
G3433	15280
G3434	15276
G3434.2	15290
G3434.25	15291
G3435	15284
G3435.1	15288
G3436	15273
G3436.2	15274
G3440	15264
G3442	15260
G3444	15256
G3444.2	15254
G3444.21	15255
G3444.3	15257
G3444.4	15258
G3445.5	15253
G3446	15252
G3447	15248
G3448	15244
G3450	15242
G3452	15240
G3452.5	15236

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

Inter.	U.S.
G3452.7	15234
G3453	15232
G3454	15228
G3456	15208
G3456.4	15212
G3457	15224
G3459	15200
G3460	15204
G3461	15216
G3463	15217
G3463.2	15218
G3463.6	15220
G3464.5	15197
G3464.6	15198
G3465	15196
G3465.7	15192
G3465.8	15185
G3466	15180
G3467	15184
G3468	15188
G3469	15160
G3470	15164
G3470.2	15168
G3470.4	15160.5
G3470.41	15161
G3470.5	15177
G3470.51	15178
G3471	15156
G3472	15152
G3473	15146
G3474	15144
G3475	15148
G3476	15140
G3477	15100
G3478	15104
G3480	15120
G3480.2	15116
G3480.4	15132
G3480.41	15136
G3480.54	15098
G3480.55	15098.2
G3480.57	15093
G3480.6	15096
G3481	15092
G3481.4	15088
G3481.5	15086
G3481.51	15087
G3481.57	15085.5
G3481.6	15085
G3481.8	15084
G3482	15080
G3483	15077
G3484	15064
G3484.1	15068
G3485	15072
G3485.2	15076
G3485.5	15076.2
G3485.51	15076.3
G3490	15052
G3491	15060
G3491.4	15061
G3492	15056
G3492.6	15057
G3492.8	15050
G3493	15048
G3494	15012
G3494.2	15016
G3494.3	15020
G3494.4	15014
G3494.41	15015
G3495	15022
G3495.5	15010
G3496	15044
G3498	15028
G3499	15036
G3499.2	15040
G3499.6	15032
G3500	15024
G3502	15008
G3502.3	15007
G3502.5	15006
G3502.7	15004
G3504	14964
G3504.4	14992
G3504.41	14996
G3504.6	14968
G3505	14980, 14997
G3505.1	14984, 14997.5
G3506	14972
G3507	14976
G3507.6	14978.5
G3508	14988
G3508.6	14998
G3512	14960
G3513.2	14953
G3513.25	14952.2
G3513.5	14944
G3513.6	14940
G3514	14936
G3514.4	14932
G3514.5	14928
G3515	14926
G3516	14924
G3518	14920
G3518.2	14909
G3518.21	14910
G3518.4	14917
G3518.41	14918
G3518.5	14912
G3518.51	14916
G3518.6	14921
G3518.7	14922
G3519	14904
G3519.5	14903
G3520	14896
G3521	14897
G3521.1	14898
G3521.3	14899
G3521.4	14901
G3522	14892
G3522.5	14885
G3523	14884
G3523.2	14880
G3524	14876
G3526	14868
G3526.5	14872
G3526.6	14870
G3526.8	14864
G3527	14860
G3528	14824
G3530	14828
G3531	14832
G3532	14836
G3532.1	14840
G3533	14844
G3533.1	14848
G3537	14841
G3537.2	14842
G3537.4	14816
G3537.45	14820
G3537.67	14813
G3537.7	14808
G3537.8	14807
G3537.9	14809
G3538	14806
G3538.2	14805
G3538.25	14793
G3538.33	14800
G3538.5	14792
G3538.6	14790
G3538.8	14789
G3539	14788
G3539.2	14786
G3539.5	14787
G3539.6	14784
G3539.7	14780
G3540	14778
G3540.05	14773
G3540.06	14774
G3540.08	14775
G3540.09	14776
G3540.13	14777
G3540.15	14779
G3540.3	14772
G3540.5	14765
G3540.6	14764
G3540.7	14760
G3540.8	14749
G3542	14756
G3542.2	14757
G3542.21	14758
G3542.3	14753
G3542.4	14754
G3542.5	14750
G3542.6	14751
G3543	14748.5
G3543.5	14748
G3544	14744
G3544.5	14743
G3545	14740
G3545.4	14741
G3546	14736
G3547	14728
G3547.4	14732
G3547.5	14725
G3547.6	14726
G3549	14719
G3549.5	14718.5
G3550	14718
G3552	14717
G3553	14708
G3553.5	14712
G3553.8	14713
G3554	14720
G3555	14724
G3555.5	14724.6
G3555.6	14724.7
G3556	14716
G3558	14704
G3559	14706
G3559.4	14707
G3560	14705
G3561	14701
G3561.4	14702
G3561.8	14703
G3562	14696
G3562.2	14697
G3562.4	14700
G3562.45	14695
G3562.5	14694
G3562.55	14691
G3562.6	14691.5
G3562.7	14692
G3563	14688
G3563.5	14684
G3563.52	14680
G3563.58	14685
G3563.6	14686
G3563.7	14673
G3563.75	14672
G3563.8	14676
G3563.81	14670
G3563.83	14669
G3563.85	14668
G3564	14664
G3564.2	14660
G3564.3	14652
G3564.4	14648
G3564.5	14656
G3565	14640
G3565.2	14644
G3565.5	14636
G3565.55	14637
G3565.58	14636.5
G3566	14600
G3566.3	14603
G3566.5	14603.1
G3566.7	14603.2
G3568	14596
G3568.5	14597
G3568.6	14595
G3569	14592
G3569.3	14601
G3569.5	14602
G3570	14588
G3572	14604
G3573	14612
G3573.1	14616
G3574	14620
G3574.1	14624
G3575	14628
G3575.2	14632
G3575.3	14634
G3576	14576
G3576.3	14577
G3576.6	14584
G3577	14580
G3578	14572
G3580	14568
G3582	14564

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

Inter.	U.S.
G3584	14560
G3585	14556
G3586	14548
G3589.1	14549
G3589.2	14550
G3590	14553
G3590.1	14554
G3591	14544
G3591.5	14540
G3591.6	14538
G3591.7	14536
G3592	14532
G3593	14504
G3594	14516
G3594.1	14520
G3595	14524
G3595.1	14528
G3596	14508
G3597	14512
G3598	14500
G3598.5	14496.5
G3598.55	14496
G3598.6	14493
G3598.7	14492
G3599	14488
G3599.9	14484
G3600	14480
G3600.8	14478
G3601	14476
G3602	14472
G3602.4	14464
G3603	14466
G3604	14460
G3606	14456
G3609	14452
G3610	14448
G3611	14449
G3611.2	14450
G3612	14416
G3613	14412
G3613.5	14400
G3613.6	14401
G3613.7	14402
G3614	14424
G3614.1	14428
G3614.3	14432
G3614.31	14436
G3614.5	14440
G3614.51	14444
G3615	14409
G3615.3	14408
G3615.4	14405
G3615.5	14404
G3616	14396
G3616.4	14394
G3616.8	14393
G3617	14392
G3618	14388
G3619	14384
G3619.5	14380
G3620	14364
G3621	14368
G3622	14376
G3626	14372
G3626.2	14373
G3629	14360
G3629.1	14361
G3629.2	14362
G3629.4	14349
G3629.41	14350
G3629.45	14352
G3629.5	14353
G3629.6	14354
G3629.7	14355
G3630	14348.5
G3634	14348
G3635	14344
G3635.5	14338
G3636	14340
G4756	13816
G4768	13768
G4772	13764
G5140	13600
G5142	13588
G5149.5	13238
G5150	13232
G5150.5	13236
G5152	13584
G5160	13220
G5160.1	13216
G5160.9	13212
G5161	13208
G5164	13224
G5166	13228
G5172	14336
G5174	14332
G5178	14276
G5179	14284
G5180	14288
G5180.4	14292
G5181	14296
G5182	14300
G5184	14304
G5186	14312
G5188	14316
G5189	14320
G5189.4	14308
G5190	14328
G5190.2	14324
G5190.4	14280
G5191	14272
G5192	14268
G5194	14264
G5198	14260
G5200	14256
G5201	14254
G5202	14252
G5202.6	14236
G5203	14240
G5203.2	14244
G5203.4	14248
G5204	14160
G5206	14164
G5206.4	14168
G5206.6	14172
G5207	14176
G5207.6	14180
G5208	14188
G5209	14184
G5210	14192
G5210.4	14196
G5211	14200
G5213	14208
G5214	14212
G5214.2	14216
G5214.6	14220
G5215	14224
G5215.4	14228
G5215.6	14104
G5216	14108
G5216.4	14100
G5217	14096
G5217.4	14092
G5218.3	14112
G5219	14088
G5219.4	14148
G5219.6	14120
G5220	14116
G5220.2	14124
G5220.4	14128
G5220.6	14132
G5221	14136
G5221.2	14140
G5221.4	14144
G5224	14084
G5226	14070
G5226.2	14068
G5226.4	14064
G5226.6	14072
G5229.4	14060
G5230	14056
G5231	14040
G5231.4	14052
G5232	14048
G5233	14044
G5234	14036
G5238	14032
G5240	14028
G5240.2	14008
G5240.4	14024
G5241	14020
G5241.6	14016
G5241.7	14014
G5241.8	14012
G5242	14004
G5246	14000
G5247	13996
G5249	13992
G5250	13984
G5251	13980
G5252	13960
G5252.2	13968
G5252.4	13972
G5252.6	13976
G5253	13988
G5253.5	13952
G5254	13948
G5254.1	13944
G5254.2	13956
G5254.3	13964
G5254.5	13940
G5255	13936
G5256	13836
G5256.4	13848
G5257	13840
G5258	13852
G5259	13856
G5260	13860
G5261	13864
G5262	13868
G5262.6	13872
G5263	13876
G5264	13880
G5264.4	13884
G5265	13888
G5266	13892
G5267	13896
G5268	13900
G5269	13904
G5270	13908
G5271	13912
G5272	13916
G5273	13920
G5274	13924
G5276	13928
G5277	13932
G5279	13832
G5280	13828
G5288	13820
G5289	13821
G5290	13808
G5292	13800
G5296	13772
G5296.2	13776
G5296.21	13780
G5296.3	13784
G5296.31	13788
G5296.4	13793
G5296.41	13794
G5300	13760
G5306	13740
G5307	13736
G5308	13744
G5308.1	13748
G5310	13704
G5312	13708
G5312.4	13712
G5320	13716
G5322	13720
G5324	13724
G5325	13728
G5328	13700
G5330	13688
G5332	13692
G5333	13696
G5334	13684
G5334.5	13680
G5335	13636
G5336	13632
G5337	13628
G5337.5	13672
G5338	13624
G5339	13616
G5339.4	13617
G5340	13612
G5340.4	13620
G5340.6	13640
G5341	13617.3
G5341.4	13652
G5341.6	13654

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

Inter.	U.S.
G5342	13648
G5342.4	13644
G5343.5	13560
G5344.6	13564
G5344.61	13566
G5344.62	13565
G5344.7	13568
G5344.74	13572
G5345	13664
G5345.2	13556
G5345.3	13576
G5345.7	13580
G5345.8	13548
G5345.9	13544
G5346	13396
G5346.4	13392
G5348	13388
G5349	13398
G5350	13400
G5351	13540
G5351.6	13536
G5352	13532
G5353	13528
G5354	13524
G5355.4	13520
G5356	13512
G5357	13608
G5357.4	13604
G5358	13596
G5359	13592
G5359.5	13510
G5360	13480
G5362	13488
G5364	13496
G5365	13492
G5366	13448
G5367	13500
G5368	13504
G5368.5	13509
G5369	13456
G5370	13460
G5370.4	13464
G5371	13472
G5372	13476
G5373	13508
G5374	13372
G5376.5	13380
G5376.6	13384
G5378	13368
G5378.6	13432
G5379	13428
G5379.2	13424
G5379.4	13420
G5380	13436
G5381	13440
G5382	13344
G5382.2	13348
G5383	13352
G5384	13356
G5385	13360
G5385.1	13364
G5386	13340
G5388	13336
G5390	13332
G5394	13408
G5394.1	13412
G5394.4	13416
G5396	13240
G5397	13244
G5398	13245
G5398.1	13246
G5398.6	13244.5
G5398.8	13090
G5398.85	13091
G5399	13113
G5399.1	13113.1
G5400	13112
G5401	13116
G5402	13120
G5402.5	13122
G5403	13128
G5403.5	13130
G5404	13136
G5404.5	13138
G5405	13144
G5406	13148
G5408	13160
G5410	13152
G5410.1	13156
G5413	13164
G5413.22	13222
G5413.23	13223
G5413.3	13223.1
G5413.31	13223.2
G5413.47	13223.5
G5414	13176
G5415	13180
G5417	13188
G5418	13192
G5419	12968
G5419.4	12900
G5420	12896
G5420.4	12904
G5420.5	12908
G5420.6	12910
G5421.3	12964
G5421.35	12966
G5421.4	12967
G5421.5	12952
G5422	12948
G5422.5	12956
G5422.6	12960
G5423	12944
G5423.1	12940
G5423.3	12912
G5423.4	12936
G5423.5	12932
G5423.6	12916
G5423.7	12920
G5423.82	12918
G5423.83	12919
G5426	12972
G5426.6	13087
G5426.8	13086
G5427	13084
G5427.2	13088
G5430	13080
G5434	12988
G5435	12984
G5437	12992
G5438	12996
G5442	13000
G5447	13004
G5448	13008
G5455	13012
G5456	13014
G5465	13016
G5468	13020
G5468.2	13028, 13032
G5473	13033
G5473.4	13040
G5474	13044
G5476	13052
G5477	13048
G5478	13056
G5479	13060
G5480	13064
G5480.2	13068
G5480.21	13072
G5481	13046
G5481.2	13047
G5481.4	13049
G5482	13065
G5485	13304
G5486	13312
G5486.2	13308
G5486.4	13316
G5486.44	13324
G5486.5	13320
G5486.8	13328
G5488	13300
G5489	13256
G5490	13264
G5491	13272
G5492	13268
G5493	13276
G5493.2	13280
G5493.5	13284
G5493.51	13288
G5494.44	13289
G5494.5	13290
G5496	13260
G5498	13252
G5499	13248
G5502	12888
G5502.4	12892
G5504	12880
G5506	12884
G5507	12876
G5507.4	12872
G5508	12868
G5508.5	12864
G5509	12860
G5510	12776
G5511	12772
G5512	12768
G5513	12760
G5513.5	12756
G5514	12752
G5516	12748
G5517	12744
G5519	12740
G5521	12704
G5522	12742
G5522.5	12708
G5523	12712
G5523.5	12736
G5523.6	12738
G5523.8	12716
G5524	12720
G5524.3	12728
G5524.6	12724
G5525	12732
G5526	12780
G5526.4	12784
G5527	12848
G5528	12856
G5529	12852
G5530	12844
G5531	12840
G5532	12828
G5532.1	12832
G5534	12824
G5535	12820
G5537	12816
G5538	12812
G5540	12836
G5542	12804
G5542.1	12808
G5544	12792
G5545	12800
G5545.3	12802
G5546	12796
G5547	12798
G5547.1	12799
G5549	12664
G5550	12696
G5551	12700
G5551.4	12692
G5551.6	12688
G5552	12676
G5554	12672
G5562	12678
G5562.1	12678.1
G5564	12684
G5564.2	12680
G5566	12660
G5567	12620
G5568	12612
G5568.4	12616
G5568.6	12604
G5569	12608
G5570	12632
G5571	12652
G5572	12636
G5573	12600
G5573.8	12448, 12596
G5574	12592
G5574.2	12452
G5574.4	12444
G5574.6	12644
G5574.8	12588
G5575	12584
G5576	12580
G5577	12576
G5577.4	12572
G5578	12568
G5578.4	12564
G5579	12640
G5580	12560

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

Inter.	U.S.
G5582	12552
G5582.2	12556
G5582.6	12540
G5582.8	12544
G5582.81	12548
G5583	12551
G5583.5	12536
G5584	12528
G5586	12520
G5586.2	12522
G5587	12524
G5587.3	12526
G5587.5	12518
G5588	12516
G5589	12512
G5590	12508
G5593	12504
G5594	12500
G5595	12496
G5595.5	12490
G5596	12492
G5598	12488
G5598.4	12484
G5599	12468
G5600	12464
G5600.4	12480
G5601	12456
G5603	12440
G5603.4	12460
G5604	12436
G5605	12432
G5606	12476
G5606.4	12472
G5606.6	12428
G5608	12424
G5610	12420
G5612	12392
G5613	12388
G5613.4	12384
G5613.5	12376
G5613.6	12380
G5614	12372
G5615	12368
G5615.4	12396
G5616	12400
G5616.1	12404
G5617	12408
G5617.1	12412
G5622	12360
G5623	12364
G5624	12348
G5624.6	12344
G5625	12340
G5625.4	12356
G5625.7	12334
G5626	12332
G5628	12328
G5628.6	12320
G5628.7	12316
G5628.8	12324
G5629	12312
G5629.2	12304
G5629.4	12308
G5629.6	12302
G5631	12300
G5632	12288
G5633	12284
G5634	12292
G5635	12296
G5635.4	12297
G5635.41	12297.5
G5636	12248
G5640	12244
G5641	12232
G5641.2	12236
G5642	12228
G5647	12280
G5647.4	12276
G5648	12268
G5649	12252
G5650	12264
G5652	12272
G5654	12260
G5655	12256
G5656	12220
G5658	12216
G5662	12212
G5664	12208
G5668	12204
G5669	12200
G5670	12196
G5672	12192
G5673	12188
G5674	12184
G5675	12180
G5676	12176
G5678	12172
G5680	12168
G5681	12164
G5682	12160
G5684	12132
G5685	12136
G5686	12140
G5688	12148
G5688.5	12156
G5689.5	12144
G5690	12128
G5693	12104
G5694	12108
G5695	12100
G5696	12096
G5698	12092, 12152
G5698.4	12088
G5699.4	12080
G5699.6	12076
G5700	12072
G5701	12068
G5702	12124
G5704	12120
G5706	12116
G5707	12112
G5708	12060
G5709	12048
G5711	12044
G5712	12036
G5713	12052
G5713.4	12056
G5713.7	12032
G5714	12028
G5715	12040
G5716	12020
G5716.4	12016
G5718	12012
G5719	12008
G5720	12000
G5722	11996
G5723	11992
G5724	11984
G5725	12004
G5726	11988
G5727	11980
G5728	11976
G5730	11972
G5732	11968
G5734	11892
G5734.2	11956
G5734.4	11952
G5734.6	11948
G5734.7	11944
G5734.8	11940
G5735	11932
G5735.2	11920
G5735.4	11924
G5735.5	11925
G5735.6	11928
G5735.7	11926
G5735.8	11918
G5736	11916
G5736.2	11912
G5736.4	11908
G5736.6	11904
G5736.8	11900
G5737	11896
G5737.2	11888
G5737.4	11884
G5738	11864
G5738.2	11868
G5738.4	11872
G5738.6	11876
G5739	11880
G5739.2	11860
G5739.3	11826
G5739.4	11828
G5739.5	11830
G5739.6	11832
G5739.66	11836
G5739.7	11840
G5739.8	11844
G5740	11848
G5740.1	11852
G5740.2	11856
G5740.5	11812
G5740.6	11816
G5740.8	11808
G5741	11804
G5742	11800
G5743	11796
G5744	11792
G5744.4	11788
G5745	11784
G5746	11780
G5747	11532
G5747.2	11536
G5747.3	11824
G5747.32	11825
G5747.34	11820
G5747.38	11818
G5747.39	11822
G5747.4	11516
G5747.6	11512
G5747.8	11508
G5748	11528
G5748.5	11524
G5749	11520
G5749.5	11526
G5751	11492
G5752	11496
G5753	11500
G5753.6	11504
G5754	11488
G5756	11484
G5757	11480
G5758	11744
G5758.4	11740
G5758.7	11736
G5760	11772
G5761	11776
G5761.4	11774
G5762	11768
G5763	11756
G5764	11764
G5768	11752
G5770	11748
G5772	11704
G5772.5	11700
G5773	11760
G5774	11712
G5776	11716
G5776.1	11720
G5778	11724
G5780	11728
G5782	11732
G5783	11616
G5794	11624
G5794.4	11632
G5795	11636
G5796	11640
G5797.3	11648
G5797.31	11652
G5797.6	11656
G5797.8	11644
G5801	11660
G5802	11664
G5803	11668
G5803.2	11672
G5803.21	11674
G5803.4	11676
G5803.6	11684
G5803.8	11688
G5805.5	11654
G5805.8	11696
G5806	11692
G5807	11604
G5807.2	11608
G5807.4	11592
G5808	11588
G5808.2	11584
G5808.4	11576
G5809	11476
G5810	11472

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

Inter.	U.S.
G5811	11468
G5811.5	11464
G5812	11460
G5812.3	11454
G5812.6	11564
G5813	11560
G5814	11556
G5816	11540
G5818	11152
G5819	11572
G5819.4	11552
G5820	11548
G5822	11544
G5826	11316
G5828	11320
G5829	11312
G5830	11308
G5831	11300
G5832	11304
G5833	11296
G5833.4	11292
G5834	11280
G5834.2	11284
G5834.6	11288
G5835	11268
G5836	11276
G5836.2	11272
G5837	11264
G5837.4	11232
G5837.5	11236
G5838	11260
G5838.4	11244
G5838.6	11252
G5838.8	11256
G5840	11248
G5842	11420
G5842.1	11424
G5843	11416
G5843.2	11428
G5844	11432
G5845	11436
G5846	11440
G5847	11444
G5847.8	11412
G5848	11408
G5850	11392
G5851	11384
G5852	11380
G5854	11372
G5856	11376
G5857	11368
G5858	11364
G5858.4	11360
G5858.6	11356
G5859	11352
G5860	11348
G5861	11332
G5861.4	11336
G5862	11340
G5863	11344
G5863.7	11328
G5863.8	11164
G5864	11168
G5866	11172
G5866.6	11172.2
G5866.8	11172.4
G5867	11172.6
G5867.4	11172.8
G5869	11196
G5870	11200
G5872	11204
G5874	11208
G5876	11212
G5877	11214
G5878	11216
G5882	11176
G5884	11180
G5888	11188
G5889	11192
G5910	11144
G5914	11140
G5916	11136
G5924	11132
G5972	11160
G5984	11156
G5988	11148
G7560	11129
G7560.1	11129.1
G7580	11112
K1636	9516
K1638	9512
K1639	9510
K1639.3	9511
K1640	9500
K1641	9508
K1642	9504
K1643	9472
K1646	9468
K1650	9452
K1654	9456
K1656	9460
K1656.1	9464
K1658	9448
K1659	9447
K1660	9428
K1662	9432
K1662.5	9438
K1662.51	9438.1
K1663	9436
K1665	9440
K1665.1	9444
K1669	9445.4
K1669.2	9445.2
K1669.3	9445
K1669.4	9445.6
K1669.41	9445.61
K1674	9424
K1675	9416
K1675.8	9375.5
K1676	9374
K1676.2	9375
K1679.2	9376
K1679.21	9380
K1679.98	9392
K1679.99	9388
K1680	9384
K1680.01	9393
K1681.9	9396
K1682	9400
K1682.1	9404
K1682.81	9398
K1683.4	9408
K1683.41	9412
K1683.7	9413
K1683.71	9413.1
K1683.8	9414
K1683.81	9414.5
K1684	9364
K1685.4	9348
K1685.59	9349.3
K1685.8	9353
K1685.9	9357
K1690	9344
K1690.2	9346
K1690.4	9336
K1690.6	9340
K1691	9340.5
K1691.19	9340.74
K1691.2	9340.7
K1691.25	9340.72
K1691.4	9340.8
K1691.41	9340.83
K1691.42	9340.82
K1691.55	9340.9
K1691.57	9340.97
K1691.58	9340.98
K1691.62	9340.96
K1691.65	9340.92
K1691.66	9340.94
K1691.7	9341.2
K1691.77	9341.5
K1691.78	9341
K1691.8	9341.7
K1691.82	9341.75
K1691.84	9342.1
K1691.85	9342
K1691.86	9342.2
K1691.88	9343.2
K1691.89	9343.4
K1691.9	9343
K1691.92	9343.5
K1691.96	9343.8
K1691.98	9328
K1691.99	9332
K1692.4	9320
K1694	9316
K1695	9312
K1696	9308
K1698	9304
K1702	9284
K1704.1	9296
K1704.2	9298
K1707.4	9302
K1710	9276
K1712	9280
K1714	9272
K1715.3	9270
K1716	9268
K1717	9264
K1718	9252
K1719	9256
K1719.4	9260
K1720	9254
K1721.4	9255
K1721.41	9255.1
K1722	9248
K1723	9216
K1724	9212
K1726	9228
K1726.2	9240
K1727	9242
K1728	9208
K1730	9220
K1732	9224
K1733	9232
K1733.4	9236
K1735	9225
K1739	9204
K1739.4	9200
K1739.6	9201
K1739.7	9202
K1739.8	9203
K1740	9164
K1741	9168
K1742	9169
K1742.1	9169.1
K1743	9170
K1744	9180
K1744.1	9184
K1750	9172
K1752	9176
K1753	9186
K1753.1	9186.1
K1753.2	9188
K1753.21	9190
K1753.25	9192
K1753.4	9198
K1753.6	9160
K1754	9152
K1754.1	9156
K1754.5	9156.2
K1754.51	9156.3
K1754.6	9156.7
K1754.7	9156.6
K1754.9	9157
K1755	9150, 9158
K1755.1	9150.1, 9158.1
K1755.2	9151
K1755.21	9151.1
K1756	9140
K1756.2	9141
K1756.25	9142
K1756.4	9144
K1756.41	9144.1
K1756.45	9146
K1756.46	9146.1
K1756.5	9149
K1756.52	9149.2
K1756.6	9132
K1756.61	9136
K1756.7	9137
K1757	9124
K1757.1	9128
K1757.2	9116
K1757.21	9120
K1757.3	9114
K1757.31	9114.5
K1757.5	9112
K1757.6	9104
K1757.61	9108

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

Inter.	U.S.
K1757.63	9109
K1757.65	9103.9
K1757.66	9103.8
K1757.7	9103.5
K1757.71	9103.6
K1757.79	9103.1
K1757.8	9103
K1757.81	9103.2
K1757.9	9102.9
K1758.3	9102.7
K1758.7	9102.5
K1759	9060
K1760	9024
K1760.5	9026
K1761	9036
K1761.1	9036.1
K1761.5	9028
K1762.4	9040
K1762.8	9044
K1763	9048
K1763.1	9052
K1764	9076
K1765	9064
K1765.3	9062
K1766	9078
K1766.2	9078.2
K1766.31	9078.3
K1766.32	9078.31
K1766.4	9078.4
K1766.5	9078.6
K1767.1	9082
K1767.115	9083
K1767.4	9085
K1767.6	9063
K1767.61	9063.1
K1767.8	9087
K1767.81	9087.1
K1767.9	9089
K1767.91	9089.1
K1768	9090
K1768.1	9090.1
K1768.3	9088
K1768.31	9088.1
K1768.5	9090.5
K1768.51	9090.51
K1768.6	9090.7
K1768.61	9090.71
K1770	9096
K1770.15	9100
K1770.2	9101
K1770.22	9101.1
K1770.3	9102
K1770.4	9102.1
K1771	9008
K1771.1	9012
K1771.75	9102.2
K1771.8	9092
K1773.5	9021
K1773.51	9022
K1774	9004
K1775.8	9000.5
K1775.9	9006
K1776	9001
K1776.3	9002
K1776.35	9002.9
K1776.4	9003
K1776.42	9003.1
K1777	8976
K1777.1	8980
K1777.2	8984
K1777.22	8985
K1777.4	8988
K1777.45	8989
K1777.5	8986
K1777.51	8986.1
K1777.82	8992
K1777.84	8996
K1777.86	9000
K1778	8968
K1778.1	8972
K1778.2	8974
K1778.3	8973
K1778.6	8960
K1778.64	8964
K1779.4	8958
K1779.6	8957
K1780.7	8948
K1780.73	8944
K1780.75	8945, 8950
K1780.76	8952
K1780.77	8957.7
K1780.78	8956
K1780.8	8954
K1780.9	8939
K1781	8936
K1781.4	8928
K1781.41	8932
K1781.47	8926.2
K1781.5	8926.3
K1781.53	8926.7
K1781.6	8926
K1781.7	8926.5
K1781.77	8925.7
K1781.8	8925.5
K1782	8888
K1784	8892
K1784.5	8896
K1784.51	8900
K1785.1	8908
K1786.3	8912
K1786.31	8916
K1786.5	8920
K1786.51	8924
K1787.08	8918
K1787.12	8919
K1787.8	8886
K1788	8884
K1790	8880
K1792	8876
K1794	8872
K1795	8868
K1796	8856
K1798	8860
K1800	8832
K1801	8836
K1801.08	8838
K1802	8840
K1802.5	8844
K1802.51	8848
K1804.9	8853
K1804.91	8854
K1806	8830
K1806.5	8828.5
K1807	8829
K1807.5	8829.5
K1807.6	8829.6
K1808	8828
K1809	8824
K1810.05	8820.5
K1810.2	8821
K1811	8812
K1811.1	8816
K1811.3	8822
K1811.4	8822.05
K1811.5	8822.1
K1811.55	8822.15
K1811.6	8822.2
K1812	8811.5
K1814	8809
K1814.2	8810
K1818	8772
K1820	8776
K1822	8784
K1824	8788
K1824.5	8792
K1838	8796
K1839	8808
K1840	8804
K1841	8800
K1841.5	8806
K1842	8780
K1847	8756
K1852	8764
K1854	8768
K1856	8752
K1858	8748
K1860	8740
K1860.1	8744
K1861	8700
K1862	8704
K1866	8696
K1870	8428
K1872	8692
K1872.5	8680
K1873	8676
K1874	8672
K1876	8668
K1878	8664
K1878.5	8684
K1879	8616
K1879.2	8620
K1879.3	8624
K1879.4	8624.5
K1879.6	8625
K1879.7	8625.5
K1879.9	8626
K1880	8660
K1881	8648
K1881.6	8656
K1882	8657
K1882.2	8658
K1882.3	8658.1
K1882.5	8659
K1882.51	8659.1
K1884	8632
K1885	8640
K1885.1	8644
K1888	8636
K1889	8612
K1890	8608
K1892	8604
K1902	8564
K1904	8568
K1904.1	8572
K1908	8576
K1908.1	8580
K1909.9	8596
K1910	8584
K1910.1	8588
K1910.3	8592
K1914	8600
K1929	8560
K1930	8472
K1930.3	8470
K1930.5	8471
K1931.1	8481
K1931.5	8482
K1935	8552
K1935.1	8556
K1935.3	8548
K1936	8532
K1936.1	8536
K1940	8540
K1940.1	8544
K1945	8557
K1945.2	8557.2
K1948	8524
K1948.2	8526
K1950	8518
K1952	8522
K1955	8484
K1956	8488
K1957	8492
K1958	8493
K1960	8508
K1961	8494
K1961.5	8495
K1962	8512
K1963	8496
K1963.15	8514
K1963.2	8500
K1963.3	8504
K1970	8476
K1971	8477
K1973	8464
K1973.1	8468
K1974	8456
K1978	8460
K1980	8450
K1982	8448
K1986	8444
K1988	8445
K1994	8440
K1995	8436
K1996	8432
K2000	8408
K2000.1	8412
K2001	8424
K2002	8420
K2003	8416

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

Inter.	U.S.
K2008	8152
K2010	8148
K2012	8144
K2020	8406
K2023	8404.5
K2024	8400
K2025	8392
K2025.3	8396
K2025.4	8388
K2028	8384
K2030	8370
K2034	8368
K2036	8372
K2036.1	8376
K2039	8357
K2039.1	8358
K2040	8359
K2040.1	8360
K2041	8355
K2042	8356
K2044	8352
K2045	8350
K2045.1	8350.5
K2048.5	8348.5
K2050	8344
K2051	8342
K2051.3	8341
K2052	8340
K2055	8272
K2055.2	8274
K2055.6	8276
K2055.61	8280
K2055.8	8284
K2055.81	8288
K2055.82	8286
K2056	8296
K2056.2	8298
K2056.4	8268
K2056.6	8270
K2057	8300
K2057.1	8304
K2058	8316
K2058.1	8320
K2058.3	8312
K2058.5	8308
K2059	8332
K2059.1	8336
K2059.4	8302
K2059.6	8324
K2059.61	8325
K2059.7	8328
K2059.8	8338
K2060	8338.2
K2061	8339
K2061.4	8338.5
K2061.69	8337
K2061.7	8337.1
K2078	8264
K2081	8260
K2083	8252
K2083.2	8248
K2084	8256
K2087	8244
K2088	8228
K2088.1	8232
K2088.4	8240
K2089	8241
K2089.4	8226
K2089.5	8226.1
K2091.1	8223
K2091.13	8223.1
K2092	8216
K2092.4	8220
K2093	8156
K2094	8160
K2095	8188
K2096	8164
K2097	8168
K2098	8172
K2100	8184
K2104	8196
K2106	8200
K2110	8208
K2112	8136
K2114	8212
K2116	8128
K2117	8132
K2118	8124
K2120	8120
K2121	8116
K2122.1	8112
K2122.8	8100
K2123	8104
K2124	8108
K2126	8092
K2128	8096
K2129	8084
K2129.4	8088
K2130	8080
K2132	8076
K2133	8068
K2133.1	8072
K2134	8074
K2136	8064
K2138	8048
K2139	8052
K2140	8056
K2141	8058
K2141.2	8058.1
K2142	8060
K2146	8028
K2150	8032
K2151	8034
K2152	8036
K2158	8016
K2158.1	8020
K2162	8024
K2172	8012
K2176	7992
K2176.1	7996
K2177	8000
K2177.5	8004
K2177.51	8008
K2180	7988
K2182	7984
K2186	6936
K2188	6932
K2189	6928
K2189.5	6929
K2189.51	6929.1
K2190	6924
K2191	6948
K2191.2	6952
K2191.21	6956
K2191.8	6944
K2192	6940
K2193	7464
K2193.1	7468
K2194	7460
K2199	7472
K2199.9	7476
K2200	7480
K2200.1	7484
K2204	7488
K2205	7490
K2206	7492
K2206.6	7502.5
K2207	7504
K2208	7500
K2208.1	7501
K2209	7505
K2211	7505.5
K2213	7506
K2216	7624
K2216.1	7628
K2220	7620
K2221	7633
K2222	7632
K2222.5	7634
K2223	7636
K2225	7652
K2226	7637
K2226.5	7640
K2228	7642
K2230	7644
K2230.5	7645
K2231	7646
K2231.5	7647
K2232	7648
K2233	7618
K2234	7656
K2234.5	7657
K2235	7658
K2236	7660
K2237	7662
K2239	7664.1
K2241	7667.5
K2242	7668
K2242.2	7672
K2242.4	7676
K2242.6	7680
K2242.8	7684
K2243	7688
K2243.2	7692
K2243.3	7693
K2243.4	7696
K2243.5	7697
K2245	7736
K2245.1	7740
K2248	7700
K2249	7704
K2250	7708
K2251	7712
K2252	7716
K2253	7720
K2253.2	7724
K2253.4	7728
K2254	7732
K2255	7748
K2255.4	7744
K2257	7752
K2270	7760
K2270.1	7764
K2270.15	7754
K2270.6	7756
K2271	7772
K2272	7768
K2285	7773
K2290	7840
K2295	7778
K2295.1	7778.1
K2296	7777
K2297	7776
K2297.5	7774
K2297.6	7775
K2300	7788
K2301	7792
K2302	7796
K2303	7800
K2304	7812
K2305	7816
K2306	7820
K2307	7824
K2308	7828
K2309	7832
K2310	7836
K2311	7804
K2311.2	7808
K2311.22	7810
K2312.5	7811
K2312.55	7811.1
K2312.6	7811.5
K2313	7848
K2314	7844
K2316	7856
K2316.2	7860
K2317.71	7862
K2318	7508
K2319	7512
K2319.5	7521.2
K2319.6	7521.3
K2320	7520
K2320.1	7521
K2322.2	7507
K2322.25	7507.5
K2322.3	7513
K2322.35	7514
K2322.4	7515
K2322.45	7516
K2322.5	7517
K2322.55	7518
K2322.6	7519
K2322.62	7519.5
K2322.65	7522
K2322.7	7523
K2322.75	7524
K2322.8	7525
K2322.83	7525.6
K2322.85	7526
K2322.9	7527

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

Inter.	U.S.
K2322.95	7527.5
K2323	7528
K2323.2	7529
K2323.25	7530
K2323.3	7531
K2324	7564
K2325	7532
K2325.5	7523.4
K2327	7572
K2328	7576
K2330	7580
K2331	7584
K2331.45	7590
K2331.6	7592
K2331.8	7604
K2332	7600
K2332.3	7605
K2332.6	7606
K2333	7608
K2333.5	7609
K2334	7612
K2335	7616
K2337	7888
K2337.2	7889
K2337.3	7889.2
K2337.6	7889.5
K2338.1	7896
K2338.17	7889.8
K2338.18	7889.7
K2338.19	7890.2
K2338.2	7890
K2338.22	7886
K2338.24	7890.6
K2338.25	7891
K2338.26	7938
K2338.3	7890.4
K2338.4	7937
K2339.4	7900
K2340.2	7920
K2341	7940
K2343	7932
K2344	7972
K2346	7924
K2347	7925
K2348	7926
K2349	7927
K2350	7928
K2351	7929
K2352	7930
K2352.1	7931
K2353	7944
K2353.4	7948
K2354	7952
K2354.4	7960
K2355	7964
K2356	7956
K2357	7968
K2361	7904
K2361.1	7908
K2404	7976
K2404.1	7980
K2417.2	7885.4
K2417.32	7885.5
K2417.73	7884.5
K2418	7884
K2418.8	7879
K2418.9	7878
K2419	7880
K2420	7872
K2420.1	7876
K2422	7868
K2423	7456
K2424.2	7448
K2424.3	7450
K2426	7444
K2428	7440
K2432	7436
K2436	7356
K2437	7364
K2437.2	7360
K2438	7368
K2438.1	7372
K2438.6	7376
K2438.8	7376.2
K2439	7377.2
K2439.2	7377
K2439.6	7378
K2439.7	7378.3
K2440	7380
K2441	7388
K2441.1	7384
K2442	7396
K2442.2	7392
K2443.7	7378.6
K2444	7424
K2444.2	7425
K2446	7428
K2446.5	7378.9
K2446.9	7429
K2447	7429.1
K2447.1	7429.2
K2449	7431
K2449.1	7431.1
K2449.4	7433
K2449.7	7434
K2450	7435
K2450.6	7416
K2451	7408
K2452	7420
K2454	7352
K2455	7348
K2456	7344
K2460	7332
K2461.1	7336
K2461.5	7330
K2476	7328
K2480	7324
K2482	7320
K2484	7316
K2486	7312
K2492	7300
K2492.5	7304
K2493	7308
K2494	7296
K2495	7292
K2496	7288
K2500	7204
K2502	7208
K2502.5	7210
K2503	7212
K2504.3	7280
K2504.6	7284
K2504.9	7224
K2506	7228
K2508	7260
K2512	7232
K2514	7236
K2516	7240
K2518	7244
K2520	7248
K2522	7252
K2524	7256
K2525	7264
K2526	7268
K2529	7272
K2531	7200
K2534	7188
K2534.1	7192
K2538	7196
K2540	7180
K2542.3	6617
K2542.4	6618
K2542.5	6620
K2543.24	6627
K2543.85	6625
K2544	7168
K2545	7172
K2547	7176
K2554	6612
K2555	6608
K2556	6604
K2557	6600
K2557.5	6598
K2558	6592
K2561	6596
K2570	6588
K2572	6576
K2572.6	6580
K2573.2	6584
K2574	6572
K2576	6568
K2577.2	6567
K2577.6	6556
K2577.8	6540
K2578.2	6565
K2578.3	6560, 6564
K2581	6550
K2582	6544
K2582.1	6548
K2582.4	6552
K2584	6520
K2585	6532
K2585.1	6536
K2586	6528
K2587	6524
K2588	6504
K2588.5	6505
K2589	6508
K2590	6506
K2591	6512
K2592.6	6519
K2592.61	6519.1
K2592.65	6518
K2594	6500
K2598	6496
K2598.5	6498
K2600	6444
K2601	6440
K2602	6437
K2602.1	6437.1
K2603	6436
K2603.1	6436.1
K2604	6452
K2608	6460
K2609	6448
K2610	6464
K2610.1	6464.1
K2611	6476
K2611.2	6480
K2612	6468
K2612.2	6472
K2613	6493
K2613.1	6493.1
K2614	6416
K2617	6424
K2618	6428
K2618.1	6432
K2619	6408
K2619.3	6409
K2619.5	6412
K2622	6404
K2623	6324
K2624	6327
K2624.4	6325
K2624.45	6336
K2624.5	6356
K2625	6344
K2625.1	6348
K2625.5	6349
K2625.51	6349.1
K2626	6352
K2626.3	6401
K2626.35	6402
K2626.4	6358
K2626.42	6358.2
K2626.48	6358.8
K2626.6	6360
K2626.64	6364
K2626.7	6376
K2626.76	6380
K2626.8	6381
K2626.81	6381.1
K2626.9	6382
K2626.91	6382.1
K2626.93	6384
K2626.95	6383
K2628	6386
K2629	6400
K2630	6388
K2630.6	6393
K2631.35	6394
K2631.8	6392
K2631.9	6396
K2631.95	6397
K2631.96	6397.1
K2632	6316
K2636	6180
K2637	6176
K2638	6184
K2638.1	6188

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

Inter.	—	U.S.
K2638.52		6191
K2638.53		6191.5
K2638.55		6191.6
K2638.57		6191.1
K2641		6190
K2643		6193
K2644		6192
K2650		6200
K2650.1		6204
K2652		6196
K2652.5		6204.7
K2653		6206
K2653.5		6205
K2654		6205.5
K2656		6208
K2656.6		6210
K2657		6209
K2662		6216
K2662.2		6217
K2663		6218
K2663.5		6219
K2664		6220
K2665		6222
K2666		6224
K2668		6226
K2673.5		6236
K2674		6244
K2676		6256
K2676.2		6257
K2676.4		6264
K2678		6248
K2682		6252
K2684		6260
K2686		6261
K2688		6268
K2689		6296
K2692		6276
K2692.1		6280
K2693		6284
K2693.1		6288
K2695		6272
K2695.4		6292
K2695.5		6293
K2696		6294
K2696.4		6295
K2696.55		6295.5
K2696.73		6295.63
K2696.74		6295.65
K2696.78		6295.7
K2696.79		6295.75
K2696.82		6299
K2696.84		6298
K2696.9		6305
K2697.2		6304
K2697.5		6311
K2697.9		6308
K2697.92		6309
K2698		6310
K2698.2		6306
K2698.35		6312
K2698.36		6313
K2702		6156
K2707.8		6172
K2710		6160
K2710.2		6164
K2710.4		6168
K2711		6154
K2712		6152
K2716		6136
K2716.1		6140
K2722		6134
K2727		6063
K2728		6064
K2729		6088
K2729.1		6092
K2730		6072
K2732		6068
K2732.1		6069
K2733		6070
K2740		6076
K2740.01		6080.2
K2740.02		6080.4
K2740.1		6080
K2742		6094
K2742.2		6094.1
K2743		6100
K2743.1		6104
K2750		6093
K2757.5		6097
K2758		6108
K2758.1		6112
K2759		6096
K2760		6125
K2760.4		6125.4
K2760.5		6121
K2760.51		6121.2
K2762		6116
K2762.1		6120
K2764		6126
K2765		6127.1
K2765.2		6127
K2765.4		6127.2
K2766		6128
K2770		6052
K2770.5		6054
K2770.8		6062
K2771.2		6057
K2771.21		6057.1
K2771.5		6061
K2771.6		6061.1
K2775.9		6050
K2776		6048
K2779		6033
K2781		6036
K2782		6040
K2782.4		6034
K2782.6		6034.1
K2783		6044
K2784		6028
K2788		6024
K2790		6017
K2790.1		6018
K2791		6020
K2792		6019
K2796		6016
K2796.1		6016.5
K2798		6004
K2799.2		6008
K2799.6		6002
K2800		5999
K2800.1		5999.1
K2803		5996
K2803.6		5982
K2804		5988
K2804.1		5992
K2804.5		5984
K2805		5980
K2806		5993
K2807		5993.5
K2812		5976
K2813		5972
K2814		5960
K2814.1		5960.1
K2815		5968
K2815.4		5964
K2815.6		5969
K2818		5920
K2818.4		5924
K2819		5916
K2819.9		5932
K2820		5936
K2820.1		5940
K2822		5945
K2824		5948
K2824.1		5952
K2824.2		5956
K2829		5900
K2830		5904
K2831		5908
K2834		5888
K2835		5892
K2836		5896
K2838		5884
K2840		5880
K2841		5876
K2844		5872
K2845		5868
K2846.2		5869
K2846.4		5869.1
K2846.6		5869.2
K2846.8		5869.3
K2847		5864
K2850		5866.5
K2850.1		5866.6
K2850.2		5866
K2850.21		5866.1
K2851		5866.3
K2852		5860
K2854		5848
K2854.1		5852
K2856		5676
K2856.5		5684.4
K2857		5680
K2857.1		5684
K2857.4		5684.6
K2857.5		5684.8
K2857.7		5685
K2857.9		5685.3
K2858		5685.6
K2858.2		5686
K2858.4		5686.5
K2858.6		5687
K2858.8		5688
K2858.81		5692
K2858.9		5692.3
K2858.93		5692.7
K2859		5844
K2859.4		5693.1
K2859.5		5693
K2859.6		5693.3
K2859.7		5693.2
K2859.8		5693.4
K2859.9		5693.45
K2860		5693.5
K2860.2		5693.55
K2860.4		5693.6
K2860.81		5693.7
K2860.82		5693.8
K2861		5694
K2861.5		5828
K2861.51		5832
K2861.7		5836
K2861.71		5840
K2861.9		5694.2
K2862.2		5694.3
K2862.6		5694.6
K2862.8		5694.4
K2863		5816
K2863.2		5817
K2863.5		5696
K2863.6		5695.8
K2863.7		5695.7
K2864.3		5704
K2864.5		5699
K2864.51		5699.1
K2864.6		5708
K2865		5712
K2865.5		5713
K2866		5724
K2866.3		5714
K2866.8		5715.1
K2866.85		5715.05
K2867		5716
K2867.1		5720
K2868		5728
K2868.1		5732
K2868.3		5734
K2868.31		5735
K2868.6		5740
K2868.8		5736
K2869		5742
K2869.1		5741
K2869.4		5743
K2869.5		5744
K2869.8		5748
K2870		5750
K2870.1		5752
K2870.3		5754
K2870.4		5756
K2870.5		5758
K2870.6		5766
K2870.7		5766.1
K2871		5767
K2871.1		5767.1
K2871.15		5762
K2871.2		5763
K2871.23		5760
K2871.25		5765
K2872		5769
K2872.1		5769.1

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

Inter.	U.S.
K2874.22	5770
K2877.5	5773
K2877.6	5773.2
K2878	5783.1
K2878.2	5782.6
K2878.3	5782.2
K2878.4	5782.3
K2878.5	5782
K2878.7	5783
K2880.6	5783.9
K2880.7	5783.7
K2880.8	5783.5
K2880.9	5783.3
K2881	5768
K2882	5772
K2885	5774
K2885.1	5774.1
K2885.2	5775
K2886.8	5784
K2897	5788
K2898	5812
K2898.3	5813
K2898.7	5800
K2898.8	5801
K2899.4	5804
K2899.9	5805
K2899.91	5806
K2899.98	5807.8
K2900	5808
K2900.1	5808.4
K2900.2	5809
K2900.52	5810
K2900.62	5810.2
K2900.88	5792
K2901	5802
K2901.01	5803
K2901.4	5818
K2901.45	5818.1
K2901.7	5818.6
K2901.85	5821
K2901.87	5820
K2903.015	5825
K2907.8	5672
K2908.3	5664
K2908.31	5668
K2912	5660
K2916	10560
K2916.5	10562
K2916.51	10562.1
K2932	10488
K2938.6	10491
K2938.7	10491.1
K2938.8	10491.2
K2939	10492
K2956	10476
K2956.11	10469
K2957	10480
K2958.1	10471
K2958.101	10471.1
K2958.3	10474
K2958.31	10474.1
K2958.37	10475
K2958.38	10475.1
K2962	10464
K2963	10448
K2963.5	10456
K2964	10452
K2968	10460
K2970.4	10449.2
K2970.7	10449.4
K2972	10352
K2973	10356
K2973.1	10360
K2973.2	10364
K2973.3	10368
K2974	10372
K2974.1	10376
K2976	10380
K2976.1	10384
K2976.4	10388
K2976.41	10392
K2978	10396
K2978.1	10400
K2979	10393
K2979.2	10394
K2979.4	10395
K2979.8	10404
K2981	10405
K2982	10408
K2982.1	10412
K2982.6	10420
K2983	10424
K2984	10426
K2987	10428
K2987.2	10432
K2987.81	10406
K2987.82	10407
K2988.3	10433
K2988.31	10434
K2988.5	10435
K2988.6	10436
K2989.1	10436.3
K2989.2	10437
K2989.4	10436.5
K2989.6	10446
K2989.62	10438
K2989.63	10439
K2989.65	10440
K2989.67	10442
K2989.68	10442.5
K2989.69	10441
K2989.8	10443.5
K2989.85	10444
K2989.9	10445
K2989.91	10445.5
K2990	10348
K2991	10349
K2991.1	10349.1
K2991.12	10349.5
K2991.14	10350
K2991.15	10350.1
K2991.22	10350.5
K2991.3	10351
K2991.31	10351.2
K2991.7	10319
K2991.8	10319.5
K2992.1	10336
K2997	10316
K2997.3	10317
K2997.5	10318
K2997.6	10318.1
K2998	10314
K2998.75	10315
K3000	10320
K3001	10321
K3002	10324
K3002.1	10328
K3002.5	10323
K3004.1	10323.5
K3010	10329
K3010.1	10330
K3011	10331
K3011.1	10332
K3012	10333
K3012.1	10334
K3014	10312
K3014.5	10311
K3015	10300
K3016	10220
K3017	10310
K3017.5	10309
K3018	10308
K3020	10304
K3022	10292
K3023	10288
K3024	10282
K3024.41	10285
K3025	10284
K3026	10276
K3028	10232
K3031	10240
K3032	10244
K3032.1	10248
K3033	10252
K3033.1	10256
K3034	10257
K3034.1	10257.1
K3035	10268
K3036	10260
K3040	10222.2
K3043	10222
K3048	10224
K3049	10228
K3052	10229
K3053	10230
K3054	10231
K3054.1	10231.1
K3056	10229.5
K3060	10216
K3061	10213
K3061.2	10215
K3061.3	10214
K3061.7	10212.5
K3062	10212
K3062.2	10209
K3062.6	10210
K3062.8	10208.5
K3063	10208
K3064	10204
K3064.2	10202
K3064.5	10184
K3064.7	10165
K3065.8	10188
K3066	10192
K3066.03	10192.2
K3066.05	10192.4
K3066.07	10192.6
K3066.24	10196
K3066.35	10182
K3066.36	10182.1
K3066.4	10176
K3066.41	10180
K3066.5	10172
K3066.57	10170
K3066.6	10200
K3066.8	10160
K3066.81	10161
K3067.4	10164
K3068	10166
K3069	10128
K3069.2	10128.5
K3070	10133
K3070.5	10134
K3074	10150
K3076	10144
K3076.1	10148
K3078	10136
K3078.1	10140
K3082	10130
K3082.9	10125.4
K3083	10125.2
K3083.1	10125
K3083.39	10126.2
K3083.4	10126
K3083.41	10126.4
K3085	10120
K3086	10124.2
K3088	10124
K3089	10112
K3090	10108
K3091	10104
K3092.1	10096
K3096	10052
K3096.4	10053
K3096.5	10061
K3097	10056
K3097.01	10060
K3097.4	10063
K3100	10062
K3100.1	10062.1
K3101.8	10063.6
K3101.81	10063.61
K3103	10064
K3104	10068
K3106	10063.4
K3106.01	10063.41
K3106.1	10063.8
K3106.11	10063.81
K3106.2	10063.2
K3106.21	10063.21
K3109	10084
K3109.1	10088
K3109.2	10092
K3109.22	10070
K3109.25	10070.1
K3110	10048
K3111	10044
K3112	10040
K3112.2	10050
K3112.4	10082

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

Inter.	— U.S.
K3112.41	10082.1
K3115	10034
K3115.1	10034.1
K3117	10030
K3118	10029
K3119	10026
K3120	10028
K3120.5	10004
K3120.7	10008
K3121.5	9999
K3124	10012
K3124.1	10016
K3126	10020
K3128	10024
K3128.5	10025.4
K3129	10025
K3132	10000
K3133	9998
K3137	9992
K3137.2	9993
K3138	9988
K3140	9972
K3140.5	9974
K3141	9984
K3142	9976
K3142.1	9980
K3144	9985
K3145	9986
K3146	9987
K3150	9968
K3157	9967
K3162	9964
K3163	9965
K3166	9948
K3167	9950
K3168	9956
K3168.5	9960
K3170.2	9952
K3172	9904
K3172.3	9915
K3173	9913
K3173.2	9914
K3180	9916
K3180.1	9920
K3182	9924
K3183	9928
K3184	9932
K3184.3	9903.7
K3184.35	9903.75
K3184.5	9903.6
K3184.51	9903.61
K3185	9903.5
K3186	9900
K3188	9901
K3188.1	9902
K3189	9898
K3194	9896
K3195.8	9894
K3195.9	9893
K3195.95	9893.3
K3196	9892
K3200	9888
K3206	9884
K3206.5	9886
K3206.6	9886.5
K3206.7	9887
K3207	9880
K3207.5	9881
K3208	9868
K3210	9872
K3210.1	9876
K3214	9864
K3214.2	9862.4
K3214.25	9862.2
K3214.3	9862
K3215	9852
K3215.5	9850
K3216	9848
K3217	9844
K3219	9840
K3219.5	9830
K3220	9836
K3221.1	9832.1
K3221.4	9828
K3222	9824
K3223	9822
K3224	9820
K3225	9816
K3226	9812
K3226.6	9808
K3227	9804
K3227.5	9802
K3228	9800
K3229	9796
K3230	9792
K3232	9788
K3233	9784
K3234	9780
K3235	9782
K3235.5	9778
K3236	9776
K3238	9772
K3239	9769
K3239.1	9770
K3240	9768
K3240.4	9764
K3241	9760
K3242	9756
K3242.5	9752
K3243	9748
K3244	9744
K3248	9740
K3250	9736
K3252	9732
K3254	9728
K3256	9724
K3257	9721
K3257.1	9722
K3258	9680
K3258.1	9684
K3260	9676
K3262	9660
K3263	9662
K3264	9672
K3265	9664
K3265.1	9668
K3266	9652
K3266.5	9654
K3267	9656
K3268	9636
K3268.1	9640
K3268.3	9644
K3268.5	9648
K3270	9624
K3270.1	9628
K3271	9632
K3274	9620
K3278	9688
K3278.5	9690
K3278.7	9689
K3279	9692
K3280	9696
K3282	9698
K3284	9700
K3285	9704
K3286	9702
K3288	9708
K3290	9714
K3292	9712
K3297	9596
K3297.6	9600
K3297.7	9604
K3297.72	9608
K3298	9612
K3298.1	9616
K3304	9584
K3304.1	9588
K3304.8	9582
K3304.9	9580.8
K3305	9568
K3306	9572
K3307	9576
K3307.4	9578
K3307.5	9578.1
K3308	9580
K3309	9565
K3310	9566
K3310.2	9567
K3310.5	9564
K3311	9560
K3312	9556
K3312.5	9553
K3312.6	9555
K3312.8	9552.5
K3313	9552
K3313.4	9552.2
K3314	9548
K3315	9544
K3316	9540
K3317	9536
K3317.5	9538
K3318	9520
K3322	9524
K3324	9528
K3325	9529
K3326	9532
K3328	9533
K3328.1	9533.1
K3328.3	9534
K3328.4	9535
K3328.6	9535.5
K3328.61	9535.51
K3329	9535.6
K3329.2	9535.65
K3329.6	9535.8
K3330	9535.9
K3467.1	5400.3
K3476	10928
K3478	10888
K3480	10884
K3484	10880
K3486	10872
K3488	10876
K3489.5	10874
K3489.55	10874.1
K3490	10871.7
K3490.1	10869
K3490.12	10869.2
K3490.14	10869.5
K3490.16	10869.7
K3490.18	10870
K3490.2	10870.2
K3490.22	10870.5
K3490.24	10870.7
K3490.26	10871
K3490.28	10871.2
K3491.2	10868
K3492	10864
K3494	10852
K3495	10894
K3495.5	10894.5
K3498	10844
K3498.1	10848
K3500	10838
K3504	10832
K3505	10836
K3506	10892
K3506.5	10890
K3507	10916
K3507.1	10918
K3507.2	10918.2
K3507.3	10918.4
K3507.35	10917
K3507.5	10919
K3507.6	10924
K3508	10920
K3509	10925
K3509.5	10926
K3510	10912
K3510.5	10905
K3510.6	10904.3
K3510.7	10904.2
K3510.8	10904.1
K3511	10904
K3512	10900
K3514	10896
K3518	6960
K3520	6964
K3524	6968
K3526	6972
K3526.1	6972.1
K3528	6976
K3531	6980
K3532	6984
K3533	6987
K3534	6988
K3534.1	6992
K3535	7020
K3536.4	7011
K3536.6	7011.2

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

Inter.	—	U.S.
K3544		7012
K3544.1		7016
K3545.5		7010.5
K3545.51		7010.51
K3548		7024
K3548.1		7028
K3550		7032
K3553		7056
K3553.1		7060
K3556		7036
K3556.2		7044
K3556.3		7052
K3557		7040
K3557.2		7048
K3558		7064
K3558.1		7068
K3558.4		7063
K3558.41		7063.1
K3563		7072
K3566		7088
K3566.1		7092
K3569.9		7108
K3570		7104
K3570.1		7110
K3571		7076
K3571.1		7084
K3571.14		7080
K3571.2		7113
K3571.21		7113.1
K3571.4		7096
K3571.6		7100
K3572.4		7112
K3572.6		7116
K3573		7120
K3574		7132
K3574.1		7136
K3574.4		7124
K3574.6		7128
K3575.4		7129
K3576		7125
K3576.1		7125.1
K3576.4		7130
K3577		7140
K3577.1		7144
K3577.4		7146
K3577.8		7148
K3580.2		7154
K3580.4		7156
K3581		7156.1
K3581.4		7156.2
K3581.7		7156.3
K3581.8		7156.5
K3581.81		7156.51
K3582		7156.6
K3582.4		7156.7
K3582.8		7157
K3583		7157.1
K3584.3		7157.2
K3584.4		7157.3
K3584.6		7157.4
K3585.3		7157.7
K3585.4		7157.9
K3586		7158
K3586.2		7158.1
K3586.22		7158.2
K3586.5		7158.3
K3586.51		7158.5
K3586.6		7158.6
K3586.79		7158.7
K3586.8		7158.9
K3586.81		7159
K3587		7159.1
K3587.2		7159.2
K3587.21		7159.3
K3587.4		7159.5
K3587.6		7159.6
K3588.1		7160
K3588.11		7160.1
K3598.88		7162
K3599		7164
K3600		6644
K3600.4		6640
K3600.5		6630
K3600.6		6632
K3600.8		6636
K3601		6644.5
K3601.2		6645
K3601.22		6645.2
K3601.24		6645.4
K3601.25		6645.5
K3601.3		6646
K3601.4		6647
K3601.5		6649
K3601.6		6648
K3602		6652
K3606		6656
K3607		6660
K3607.5		6661
K3608		6664
K3608.5		6667
K3609		6666
K3609.4		6668
K3609.6		6676
K3609.8		6672
K3609.9		6673
K3610.1		6682
K3610.2		6680
K3610.8		6678
K3611		6684
K3612		6688
K3612.2		6689
K3612.21		6689.1
K3612.5		6690
K3614		6716
K3615		6718
K3620		6724
K3620.5		6722
K3621		6720
K3621.2		6719
K3621.5		6723
K3622		6728
K3623		6730
K3624		6732
K3627		6736
K3627.6		6740
K3627.7		6741
K3627.72		6741.1
K3627.8		6742
K3627.81		6742.1
K3628		6744
K3629.3		6744.4
K3629.35		6744.9
K3629.4		6744.8
K3629.41		6744.5
K3629.42		6744.7
K3630.3		6745
K3630.36		6746
K3630.4		6748
K3632.3		6752
K3632.31		6756
K3632.4		6760
K3632.41		6764
K3632.5		6768
K3632.6		6772
K3634		6780
K3635		6784
K3636.1		6790
K3636.2		6788
K3636.3		6792
K3636.35		6793
K3636.36		6794
K3636.42		6798
K3636.6		6796
K3636.8		6810
K3637		6804
K3638		6808
K3640		6812
K3641		6816
K3642		6820
K3643		6824
K3643.2		6825
K3643.4		6825.5
K3643.6		6826
K3644		6856
K3645		6828
K3647		6836
K3648		6840
K3648.4		6844
K3649		6848
K3650		6852
K3652		6864
K3654		6868
K3654.5		6872
K3655		6876
K3655.3		6878
K3656		6880
K3658		6884
K3659		6888
K3660		6892
K3664		6896
K3665		6904
K3668		6900
K3673		6908
K3673.1		6912
K3676		6916
K3677		6920
K3686		3792
K3688		3796
K3690		3800
K3690.4		3804
K3690.6		3808
K3694		3812
K3696		3816
K3698		3826
K3698.1		3828
K3699		3824
K3700		3832
K3700.5		3836
K3700.55		3829
K3701		3840
K3702		3856
K3703		3852
K3705		3860
K3705.1		3862
K3705.2		3864
K3705.4		3868
K3705.5		3872
K3705.6		3876
K3705.7		3880
K3706		3884
K3706.6		3892
K3706.7		3896
K3707		3886
K3708		3904
K3708.2		3904.1
K3708.5		3906
K3708.9		3906.1
K3709		3912
K3710		3908
K3710.1		3916
K3711		3920
K3712		3924
K3712.1		3925
K3712.11		3925.1
K3712.12		3926
K3713		3932
K3714		3976
K3715		3980
K3716		3933
K3716.65		3937
K3716.7		3934
K3716.71		3934.1
K3717		3948
K3718.8		3936
K3719		3964
K3719.1		3968
K3719.2		3952
K3720		3972
K3734		3984
K3735		3988
K3736		4000
K3736.2		4276
K3736.6		3992
K3737		3996
K3737.4		4004
K3738		4020
K3738.2		4008
K3738.3		4006
K3738.4		4010
K3738.6		4016
K3738.7		4012
K3739		4024
K3739.5		4025
K3740		4028
K3741		4032
K3741.5		4032.5
K3741.51		4032.6
K3741.52		4032.61
K3741.6		4033
K3741.65		4034

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

Inter.	U.S.
K3741.71	4034.1
K3741.72	4034.2
K3741.81	4032.7
K3741.82	4032.71
K3741.91	4035
K3741.92	4035.3
K3741.93	4035.5
K3741.94	4035.7
K3742	4036
K3742.2	4038
K3742.5	4040
K3743	4044
K3744	4048
K3744.1	4051
K3745	4052
K3746	4056
K3746.1	4060
K3748	4064
K3756	4072
K3758	4076
K3758.2	4080
K3758.4	4084
K3758.6	4088
K3766	4092
K3767	4096
K3768	4097
K3768.2	4098
K3770	4146
K3770.01	4147
K3770.03	4148
K3771	4105
K3772	4106
K3773	4107
K3774	4108
K3780	4128
K3797.2	4150
K3797.4	4151
K3798	4168
K3798.1	4169
K3800	4176
K3818	4177
K3819	4178
K3820	4179
K3822	4180
K3829	4181
K3834.3	4039
K3845	4192
K3845.1	4193
K3845.2	4193.1
K3845.4	4196
K3846	4204
K3846.5	4220
K3847	4184
K3847.5	4188
K3848	4212
K3848.5	4216
K3850.55	4208
K3850.6	4228
K3851	4232
K3851.5	4234
K3852	4224
K3853	4235
K3854	4235.5
K3856	4236
K3860	4244
K3862	4248
K3864	4252
K3868	4240
K3874	4256
K3878	4260
K3879	4268
K3879.5	4262
K3880	4264
K3882	4272
K3886	4284
K3888	4280
K3890	4292
K3892	4288
K3893	4296
K3896	4300
K3897	4304
K3897.1	4308
K3897.2	4309
K3897.3	4310
K3898	4312
K3899	4316
K3899.05	4318
K3899.1	4320
K3899.2	4336
K3899.4	4328
K3899.41	4332
K3899.7	4340
K3899.8	4344
K3900	4348
K3900.4	4352
K3903	4364
K3904	4366
K3904.1	4368
K3904.3	4377
K3904.5	4381
K3905.1	4382
K3906	4396
K3907	4383
K3911	4399
K3911.1	4400
K3912	4401
K3916	4402
K3917	4403
K3919	4392
K3920.21	4397.5
K3920.35	4398
K3922	4408
K3924	4409
K3929	4428
K3930	4432
K3932	4436
K3950	4456
K3954	4460
K3958	4464
K3958.1	4468
K3962	4472
K3966	4476
K3966.1	4480
K3969	4484
K3970	4488
K3980	4492
K3981.9	4508
K3982	4504
K3982.1	4500
K3982.5	4520
K3982.7	4541
K3982.71	4542
K3983	4536
K3983.1	4540
K3983.15	4555
K3983.2	4552
K3983.25	4554.1
K3983.3	4554
K3984	4516
K3984.1	4517
K3984.4	4524
K3984.41	4528
K3984.42	4544
K3984.43	4548
K3985	4512
K3986	4496
K3990	4556
K3990.1	4560
K3992	4564
K3993	4568
K3994	4572
K3998	4576
K4000	4580
K4004	4584
K4006	4588
K4010	4592
K4010.1	4596
K4011	4604
K4012	4606
K4013	4600
K4014	4620
K4018	4708
K4019.6	4684
K4020	4704
K4021	4692
K4021.4	4696
K4022	4682
K4024	4688
K4032	4668
K4032.1	4669
K4043	4639
K4045	4635
K4047	4637
K4054	4608
K4055	4612
K4056	4616
K4057	4619.1
K4057.2	4617
K4057.4	4617.1
K4057.5	4618
K4057.6	4619
K4058	4624
K4061	4714
K4061.1	4715
K4062.1	4717
K4063	4724
K4063.4	4720
K4066.2	4728
K4067	4732
K4068	4733
K4074	4746
K4075	4750
K4078	4752
K4078.1	4756
K4082	4747
K4084	4780
K4085	4800
K4086	4796
K4087	4792
K4087.5	4793
K4087.7	4794
K4088	4788
K4090	4804
K4091	4828
K4092	4808
K4093	4820
K4093.1	4824
K4093.6	4812
K4094	4825
K4094.1	4825.1
K4094.5	4826
K4094.51	4826.1
K4095	4827
K4095.1	4827.1
K4095.2	4827.5
K4095.5	4832
K4096	4836
K4104	4844
K4104.1	4848
K4104.2	4852
K4107	4856
K4108	4868
K4109	4870
K4114	4880
K4115	4872
K4116.1	3981.1
K4119	4876
K4122	4884
K4130	4904
K4132	4888
K4134	4892
K4136	4896
K4140	4900
K4152	4908
K4153	4912
K4180	4916
K4182	4920
K4186	4924
K4196	4932
K4197	4936
K4198	4937
K4198.1	4937.1
K4199	4940
K4200	4941
K4200.1	4941.1
K4204	4944
K4206	4948
K4210	4952
K4210.1	4956
K4212	4960
K4214	4968
K4220	4976
K4220.1	4980
K4222	5020
K4224	4996
K4225	4998
K4225.1	4998.1
K4226	4997
K4227	5004
K4227.1	5008

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

Inter.	U.S.
K4227.4	4999
K4228	5012
K4228.1	5016
K4230	5000
K4233	5022
K4234	5024
K4236	5044
K4237	5038
K4237.4	5036
K4238	5028
K4240	5032
K4241	5040
K4242	5048
K4242.05	5049
K4242.1	5052
K4242.15	5056
K4242.17	5066
K4242.3	5064
K4242.4	5060, 5068
K4242.6	5076
K4242.9	5082
K4243	5084
K4243.7	5085
K4243.8	5085.2
K4243.81	5085.4
K4244	5088
K4244.5	5089
K4246	5176
K4248	5092
K4249	5094
K4250	5096
K4252	5100
K4253	5104
K4253.5	5106
K4254	5108
K4254.5	5110
K4255	5112
K4256	5116
K4256.2	5118
K4257	5120
K4257.5	5121
K4260	5122
K4260.2	5122.5
K4260.4	5122.2
K4262	5164
K4264	5168
K4264.1	5172
K4265	5166
K4266	5160
K4267	5152
K4267.1	5148
K4267.4	5144
K4268	5132
K4268.2	5136
K4268.21	5140
K4268.3	5128
K4268.4	5124
K4269	5180
K4272	5184
K4274	5188
K4275	5192
K4277	5198
K4279	5212
K4282	5216
K4282.1	5220
K4286	5232
K4288	5250
K4289	5278
K4290	5256
K4290.1	5260
K4291	5248
K4293	5252
K4296	5264
K4296.1	5268
K4299	5276
K4300	5272
K4301	5269
K4301.1	5269.1
K4304	5240
K4304.1	5244
K4310	5280
K4314	5284
K4315	5285
K4315.1	5286
K4316	5288
K4322	5296
K4324	5292
K4328	5323
K4328.1	5324
K4328.2	5328
K4329	5332
K4329.4	5308
K4330	5316
K4330.1	5320
K4331	5304
K4332	5312
K4335	5336
K4335.2	5340
K4340	5344
K4348	5358
K4350	5356
K4358	5372
K4358.1	5376
K4359	5380
K4360	5368
K4362	5384
K4363	5388
K4364	5396
K4365	5400
K4366	5392
K4367.14	5400.5
K4369.86	5400.8
K4370.25	5401
K4370.27	5401.3
K4371.5	5402.1
K4372	5402
K4372.1	5402.01
K4372.4	5401.8
K4372.5	5401.81
K4373	5402.2
K4373.2	5402.4
K4374.73	5402.6
K4374.9	5402.8
K4374.91	5403
K4374.96	5403.2
K4375.2	5403.4
K4375.5	5403.6
K4376	5404
K4380	5408
K4381	5412
K4382	5416
K4384	5420
K4387	5424
K4388	5512
K4389	5513
K4394	5428
K4397	5432
K4398	5436
K4400	5444
K4400.1	5448
K4402	5452
K4402.1	5456
K4404	5468
K4404.1	5472
K4405	5460
K4405.1	5464
K4406	5476
K4407	5480
K4408	5484
K4410	5490
K4411	5496
K4413	5488
K4415	5492
K4424	5504
K4424.1	5508
K4432	5516
K4433	5520
K4433.1	5524
K4434	5528
K4434.1	5532
K4438	5536
K4440	5540
K4442	5545
K4444	5548
K4446	5552
K4452	5556
K4464	5560
K4464.5	5560.5
K4465	5561
K4466	5564
K4468	5568
K4470	5572
K4472	5580
K4473	5576
K4475	5588
K4475.1	5592
K4476	5596
K4478	5584
K4486	5600
K4490	5608
K4491	5604
K4492	5620
K4494	5612
K4494.1	5616
K4496	5632
K4496.1	5636
K4497	5628
K4498	5624
K4506	5640
K4528	3740
K4541	3772
K4543	3768
K4545	3764
K4547	3752
K4547.4	3756
K4547.41	3760
K4547.7	3776
K4547.71	3780
K4549	3782
K4551.5	3038
K4552	3052
K4552.1	3056
K4559	3060
K4559.1	3064
K4570	3076
K4571	3077
K4571.1	3077.1
K4574	3104
K4576	3088
K4580	3092
K4580.1	3096
K4588	3084
K4594	3108
K4598	3112
K4598.1	3116
K4600	3118
K4602	3119
K4603	3120
K4608	3128
K4612	3132
K4612.1	3136
K4613	3138
K4613.1	3139
K4613.5	3139.5
K4613.6	3139.56
K4614	3140
K4620	3144
K4620.1	3148
K4620.5	3150
K4622	3170
K4623	3172
K4623.1	3176
K4624	3180
K4628	3182
K4630	3184
K4630.5	3184.5
K4631	3184.7
K4631.5	3185
K4632	3192
K4635	3194
K4636	3194.2
K4636.5	3194.6
K4637	3197
K4637.5	3198
K4638.5	3198.5
K4639	3200
K4639.5	3204
K4640	3208
K4644	3240
K4644.5	3215
K4644.51	3216
K4646	3212
K4646.5	3218
K4646.51	3218.5
K4646.8	3214
K4646.81	3214.5
K4647	3220
K4647.4	3224
K4647.6	3228
K4647.7	3228.2

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

Inter.	U.S.
K4648	3229
K4649	3236
K4649.3	3232
K4650	3235.9
K4651	3234
K4651.1	3234.5
K4651.5	3235
K4651.51	3235.5
K4651.7	3235.7
K4654.7	3245
K4655	3233
K4656	3156
K4656.1	3160
K4660	3164
K4661	3464
K4662	3480
K4663	3484
K4666	3476
K4668	3368
K4670	3372
K4672	3396
K4672.1	3400
K4673	3416
K4676	3412
K4677	3408
K4678	3404
K4682	3392
K4684	3388
K4686	3376
K4686.1	3380
K4687	3384
K4694	3472
K4695	3468
K4701	3420
K4702	3424
K4704	3432
K4704.1	3436
K4706	3428
K4706.5	3436.4
K4707.21	3436.8
K4707.22	3436.9
K4708	3437
K4709	3438
K4710	3440
K4710.5	3441
K4711	3448
K4711.2	3452
K4712	3444
K4712.4	3456
K4714	3460
K4714.6	3356
K4716	3360
K4717	3364
K4719	3332
K4722	3336
K4722.1	3340
K4723	3352
K4726	3344
K4727	3348
K4730	3312
K4732	3316
K4733	3296
K4733.4	3308
K4734	3320
K4734.1	3324
K4735	3328
K4736	3300
K4736.1	3304
K4740	3292
K4744	3276
K4746	3280
K4746.5	3284
K4747	3272
K4748	3268
K4750	3288
K4751	3252
K4752	3260
K4756	3264
K4758	3488
K4759	3492
K4760	3152
K4760.1	3152.1
K4760.3	3152.2
K4760.35	3152.3
K4760.5	3152.4
K4760.7	3153
K4760.75	3153.3
K4760.8	3153.6
K4760.9	3154
K4761	3154.5
K4761.2	3155
K4761.3	3155.2
K4761.35	3155.4
K4761.5	3155.6
K4761.55	3155.8
K4762	3256
K4783	3717
K4783.3	3718
K4784	3719
K4784.1	3719.1
K4784.3	3716
K4784.33	3715
K4784.6	3714
K4784.63	3713
K4784.7	3712
K4784.71	3712.1
K4784.78	3710.4
K4784.8	3711
K4784.81	3711.1
K4784.9	3710.6
K4785.6	3709
K4785.62	3709.5
K4785.66	3710.2
K4785.72	3710
K4785.85	3708.2
K4785.852	3708.3
K4786	3708
K4787.4	3700
K4788.5	3726
K4788.6	3729
K4788.65	3729.2
K4788.75	3728
K4788.76	3728.2
K4789	3728.4
K4790	3600
K4794	3612
K4794.1	3616
K4794.2	3620
K4794.21	3621
K4795	3604
K4797	3608
K4799	3624
K4799.2	3626
K4799.24	3626.2
K4799.28	3626.4
K4799.5	3632
K4799.6	3628
K4799.76	3599
K4799.77	3599.1
K4799.8	3649
K4799.9	3650
K4800	3636
K4800.1	3637
K4800.3	3645
K4800.5	3652
K4802	3640
K4802.1	3644
K4803	3644.5
K4808	3648
K4809.1	3660.1, 3660.3
K4809.13	3660.2
K4810.8	3666
K4811	3664
K4811.5	3661
K4811.51	3662
K4812	3656
K4812.1	3660
K4816	3676
K4816.1	3680
K4816.2	3681
K4816.24	3681.2
K4816.26	3681.4
K4817	3682
K4820	3660.5
K4820.5	3660.8
K4821	3660.9
K4825	3683
K4825.1	3684
K4827	3686
K4827.5	3688
K4830	3598
K4834	3584
K4835	3585
K4835.1	3585.5
K4835.2	3586
K4836	3587
K4838	3589
K4847	3576
K4849	3580
K4852	3572
K4854	3552
K4854.1	3556
K4855	3564
K4855.5	3568
K4858	3560
K4862	3540
K4866	3528
K4866.1	3532
K4867	3536
K4868	3524
K4873	3516
K4874	3520
K4877	3512
K4880	3496
K4880.4	3500
K4880.6	3504
K4880.7	3508
K4883	10828
K4884	10824
K4884.4	10796
K4884.6	10812
K4885	10800
K4885.2	10820
K4885.4	10816
K4885.5	10804
K4885.6	10808
K4885.7	10783
K4885.8	10784
K4886	10788
K4887	10780
K4888	10776
K4889	10792
K4892	10772
K4892.4	10768
K4893	10748
K4893.1	10752
K4893.4	10756
K4893.41	10760
K4893.42	10762
K4894.6	10744
K4894.7	10743
K4894.8	10742
K4894.81	10742.1
K4895	10764
K4896	10732
K4896.4	10736
K4896.41	10740
K4898	10728
K4898.7	10688
K4899	10692
K4899.4	10696
K4900	10720
K4901	10700
K4902	10704
K4902.1	10708
K4903	10712
K4904	10716
K4906	10680
K4907	10668
K4908	10660
K4908.1	10664
K4909	10665
K4912	10672
K4912.1	10676
K4920	10724
K4924	10684
K4932	10652
K4934	10636
K4934.1	10640
K4934.2	10644
K4935	10632
K4938	10650
K4940	10628
K4942	10624
K4943	10620
K4944	10616
K4945	10612
K4946	10608
K4947	10584

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

Inter.	—	U.S.
K4947.2		10588
K4947.21		10592
K4947.3		10596
K4947.31		10600
K4947.4		10604
K4947.6		10576
K4948		10580
K4948.2		10568
K4948.21		10572
K4952		2860
K4952.25		2862
K4952.7		2863
K4952.71		2863.5
K4952.8		2863.8
K4953		2864
K4953.4		2868
K4953.8		2872
K4954		2876
K4954.2		2880
K4956		2884
K4956.1		2888
K4958		2900
K4958.3		2904
K4958.6		2922
K4959		2920
K4962		2892
K4962.1		2896
K4964		2908
K4964.2		2912
K4964.3		2916
K4964.5		2923
K4964.51		2924
K4964.65		2925
K4965.1		2925.5
K4965.2		2926
K4965.25		2926.5
K4965.6		2928
K4965.61		2932
K4966		2936
K4966.1		2940
K4966.8		2933
K4966.81		2933.1
K4966.9		2935
K4967		2940.5
K4968		3009
K4968.1		3009.5
K4968.12		3016
K4968.13		3015
K4968.14		3015.5
K4968.15		3018
K4968.17		3006
K4968.2		3008
K4968.25		3021.2
K4968.3		3020
K4968.31		3021
K4968.4		3025
K4968.5		3021.5
K4968.6		3024
K4968.65		2941
K4968.91		3024.2
K4968.92		3024.4
K4968.96		2942
K4969		2944
K4969.1		2948
K4969.3		2948.2
K4969.35		2948.4
K4969.4		2948.6
K4969.45		2948.8
K4969.48		2949
K4969.5		2949.2
K4969.51		2949.4
K4969.6		2949.6
K4969.65		2949.8
K4969.7		2951
K4969.71		2951.1
K4969.75		2950
K4970		2952
K4970.1		2956
K4970.3		2957
K4970.4		2959
K4970.5		2958
K4970.7		2959.5
K4971		2960
K4971.1		2964
K4971.3		2968.5
K4971.32		2969
K4971.33		2969.5
K4971.34		2970
K4971.36		2970.5
K4971.4		2971
K4971.5		2972
K4971.51		2976
K4971.6		2977
K4971.65		2977.5
K4972		2968
K4973.01		2980
K4973.02		2980.01
K4973.2		2980.1
K4973.4		2980.2
K4973.6		2980.3
K4973.8		2980.4
K4974		2980.5
K4974.2		2980.6
K4974.5		2982.5
K4974.6		2980.7
K4974.7		2980.8
K4975		2980.9
K4975.2		2981
K4975.4		2981.05
K4975.6		2981.1
K4975.8		2981.2
K4976		2981.3
K4976.2		2981.31
K4976.4		2981.33
K4976.6		2981.35
K4976.8		2981.37
K4977		2981.39
K4977.2		2981.4
K4977.4		2981.5
K4977.5		2981.51
K4977.7		2981.52
K4977.8		2981.54
K4978		2981.55
K4978.2		2981.57
K4978.4		2981.59
K4978.6		2981.6
K4978.8		2981.63
K4979		2981.66
K4979.2		2981.7
K4979.4		2981.75
K4979.6		2981.8
K4979.8		2981.85
K4980		2981.88
K4980.2		2981.9
K4982		2982
K4982.6		2984
K4982.61		2984.1
K4982.9		2986
K4983		2992
K4983.2		2988
K4983.4		2996
K4983.5		3000
K4983.7		3001
K4983.72		3001.3
K4983.74		3001.2
K4983.76		3001.4
K4983.78		3001.1
K4983.8		3002.1
K4984		3002.2
K4984.2		3002
K4984.4		3003
K4988		2818
K4990		2832
K4990.1		2836
K4992		2840
K4993		2820
K4993.1		2824
K4994		2828
K4998.52		2841
K4998.53		2841.1
K4998.54		2841.11
K4998.55		2841.12
K4998.56		2841.13
K4998.57		2841.14
K4998.58		2841.15
K4998.59		2841.16
K4998.6		2841.17
K4998.61		2841.18
K4998.62		2841.19
K4998.63		2841.2
K4998.64		2841.21
K5000.2		2817.96
K5000.21		2817.97
K5000.3		2817.98
K5000.31		2817.99
K5000.4		2816.8
K5000.6		2817
K5001		2817.1
K5001.2		2817.2
K5001.36		2817.4
K5001.38		2817.41
K5001.400		2817.5
K5001.6		2817.55
K5001.7		2817.7
K5001.72		2817.75
K5001.74		2817.8
K5001.76		2817.85
K5002		2814
K5002.1		2814.5
K5003		2815
K5003.1		2813
K5003.2		2813.5
K5003.3		2813.7
K5003.4		2813.9
K5003.7		2817.9
K5003.71		2817.91
K5004		2816
K5004.645		2817.95
K5004.65		2817.94
K5004.81		2817.6
K5006.4		2799.7
K5006.41		2799.71
K5006.6		2799.85
K5006.7		2799.9
K5006.71		2799.91
K5007.2		2800
K5008		2808
K5008.2		2812
K5020		2842
K5020.1		2842.5
K5025		2843
K5025.1		2843.5
K5052		2856
K5053		2852
K5057		2850
K5058		2844
K5060		2848