



**PUB. 110**  
**LIST OF LIGHTS**

RADIO AIDS AND FOG SIGNALS

**2022**

GREENLAND, THE EAST COASTS OF  
NORTH AND SOUTH AMERICA  
(EXCLUDING CONTINENTAL U.S.A.  
EXCEPT THE EAST COAST OF FLORIDA)  
AND THE WEST INDIES

**IMPORTANT**

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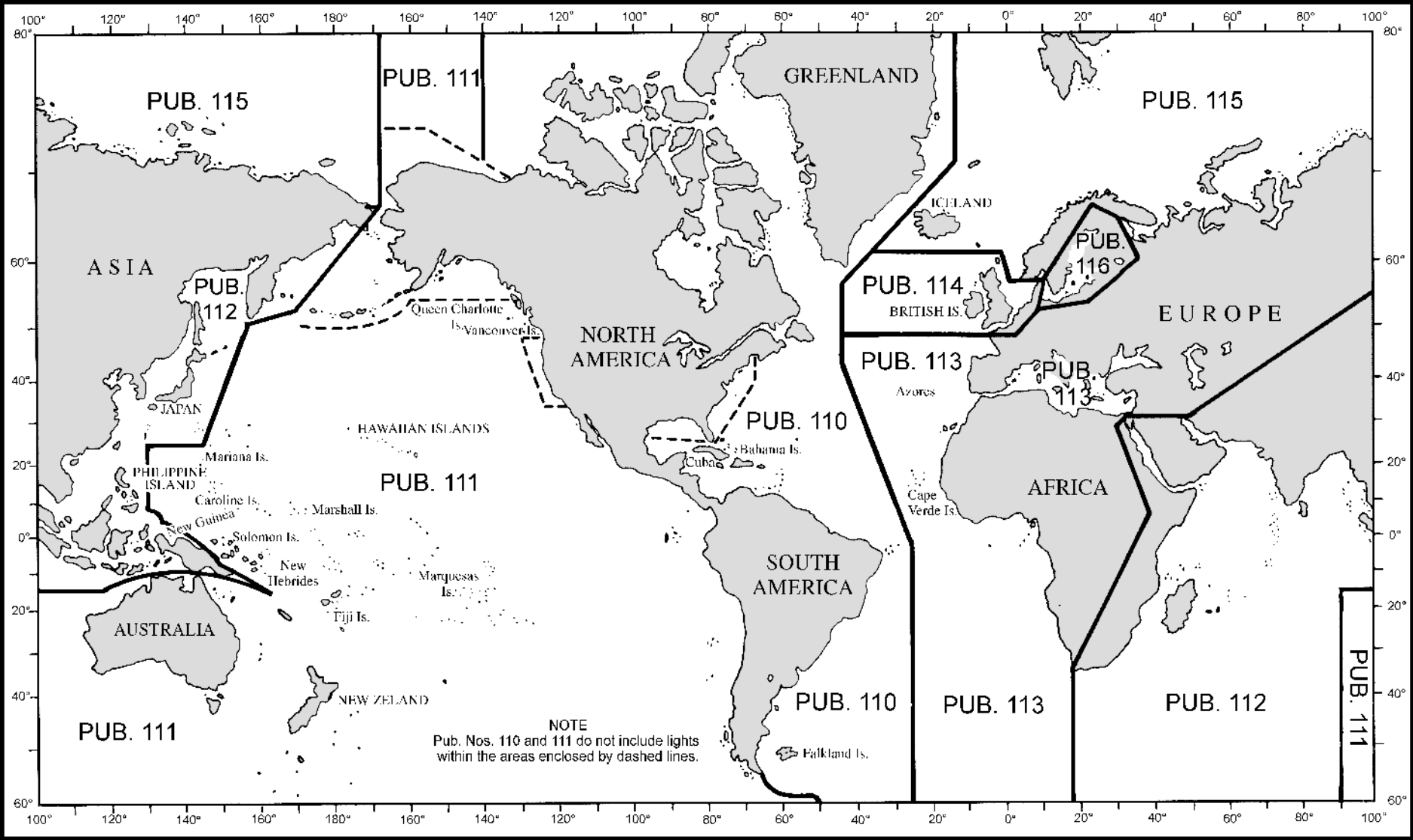


Prepared and published by the  
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY  
Springfield, VA

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# LIST OF LIGHTS LIMITS

## NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY



## 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 2022 edition of Pub. 110, List of Lights, Radio Aids and Fog Signals for Greenland, the East Coasts of North and South America (excluding Continental U.S.A. except the East Coast of Florida), and the West Indies, cancels the previous edition of Pub. 110.

This edition contains information available to the National Geospatial-Intelligence Agency (NGA) up to 01 October 2022, including Notice to Mariners No. 40 of 2022.

## EXPLANATORY REMARKS

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. Individual Radiobeacons and DGPS Stations are listed in a separate section in the back of this publication.

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.

## CORRECTIVE INFORMATION

Updates to the List of Lights are no longer published in NGA's weekly Notice to Mariners. The List of Lights publications are updated monthly and made available as downloadable PDFs on the NGA's Maritime Safety Information (MSI) website at <https://msi.nga.mil>. Mariners should refer to the MSI website to obtain the latest List of Lights information.

Users should refer corrections, additions, and comments to NGA's Maritime Operations Desk, as follows:

1. Maritime Quality Feedback System: <https://marhelp.nga.mil/>
2. Toll free: 1-800-362-6289
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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 measured from the focal plane of the fixed light to charted height datum. Equivalent measurement given in meters listed below in 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 measured from the top of the structure to the ground.

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:


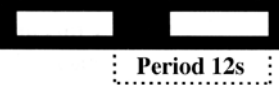
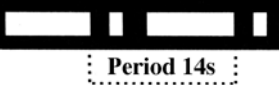




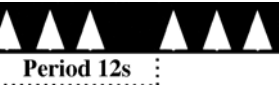


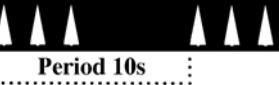


(A.)	Argentina	(M.)	Mexico
(B.)	Belize	(N.)	Netherlands
(C.)	Chile	(Nic.)	Nicaragua
(Can.)	Canada	(P.)	Panama
(Col.)	Colombia	(U.)	Uruguay
(C.R.)	Costa Rica	(U.K.)	United Kingdom
(F.)	France	(U.S.)	United States
(H.)	Haiti	(V.)	Venezuela











Other abbreviations:

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



## CHARACTERISTICS OF LIGHTS

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

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

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

## NOMENCLATURE OF LIGHTS

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

*Fixed lights*-those which exhibit a continuous steady light.

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

*Alternating lights*-rhythmic lights which exhibit different colors during each sequence.

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

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

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

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

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

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

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

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

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

*Occasional lights*-lights exhibited only when specially needed:

(a) *Tidal lights*-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.

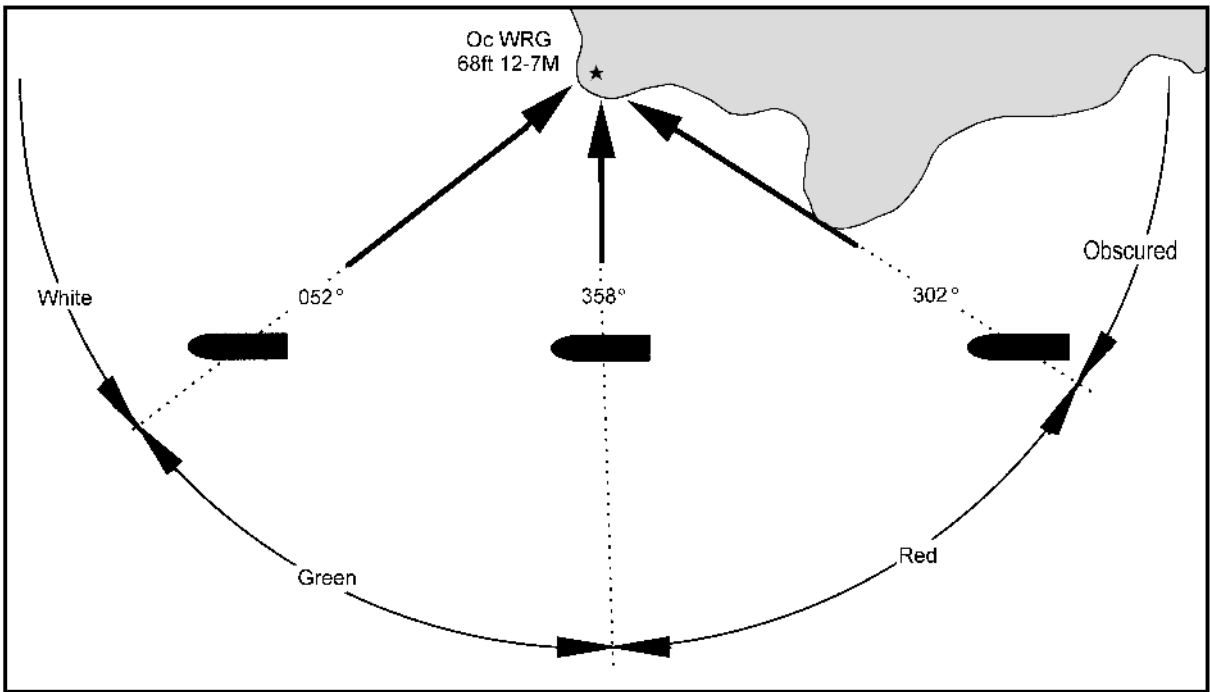
Under some conditions of the atmosphere, white lights may have a reddish hue. The mariner should not judge solely by color where there are sectors but should verify this position by taking a bearing of the light. On either side of the line of demarcation between white and red there is always a small 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 *Colombia, Panama, Costa Rica, Nicaragua, and Guatemala* have been reported as irregular or 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."

The lights in the following areas of Canada are shown all year round unless otherwise indicated in column 8: certain lights on the east coast of Newfoundland north of Cape St. Francis; those on the east and south coasts of Newfoundland, from Cape St. Francis to Cape Anguille; those in the Bay of Fundy west of a line joining Quaco Head and Margaretville; those required by vessels or ice-boats for winter passage to Prince Edward Island.

All other lights under the control of the Department of Transport are maintained in operation whenever navigation in the vicinity is open. Lights used solely as harbor lights are not exhibited when the harbor is closed, although general navigation may remain open. Fishing lights are maintained only during the fishing season. In any case where there is reasonable doubt whether the light is required, it is kept in operation.

Major light stations 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 White (6) 15 sec., that is 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.

In the St. Lawrence River and Gulf of St. Lawrence, except as otherwise stated, all lights will be maintained while general navigation is open. If for any exceptional reason it is found desirable to continue certain lights in operation after the close of general navigation, arrangements may be made through the Agency of the Department of Quebec and Charlottetown for notifying such stations as can be reached by telegraph, telephone or radio. Lights at remote and island stations, where communication is not available, will be extinguished after 22 December.

Lights in the St. Lawrence seaway are shown from 1 April to 15 December.

The harbors on the north coast of Prince Edward Island and exposed harbors on the east coast of New Brunswick have sandbars at their mouths, the channels through which are liable to be blocked or shifted by storms. Range lights may be changed without notice being given and it is never safe for mariners without local knowledge to cross the bars.

Oil drilling and production platforms are marked as follows: Q.W. Horn 20sec.







Many of the lights of *Belize, Colombia, Costa Rica, Dominican Republic, Guatemala, Haiti, Honduras, Nicaragua, Panama, and Venezuela* have been reported as irregular or unreliable.

Oil drilling and production platforms off the coast of *Brazil* are marked as follows: F.R. 10M on the masthead and 4 Mo. (U) W. 10M; those in harbors and in inner waters are marked by F.R. and 4 F.W. 5M.

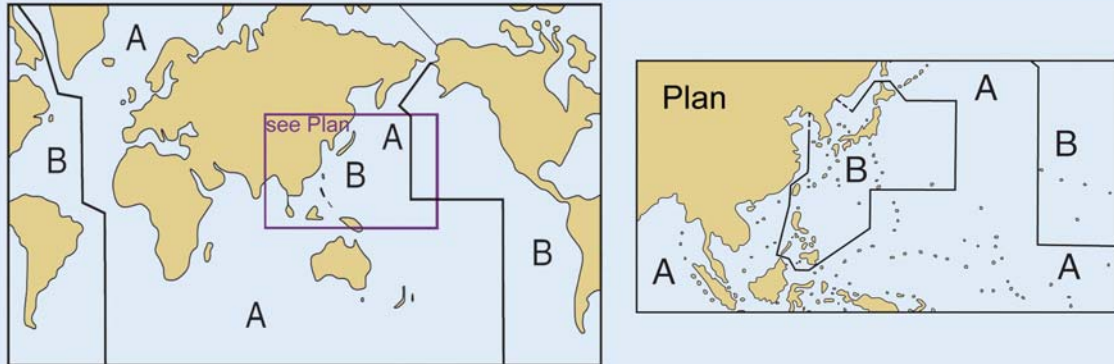
They may occasionally be equipped with Aero radiobeacons.

# IALA Maritime Buoyage System

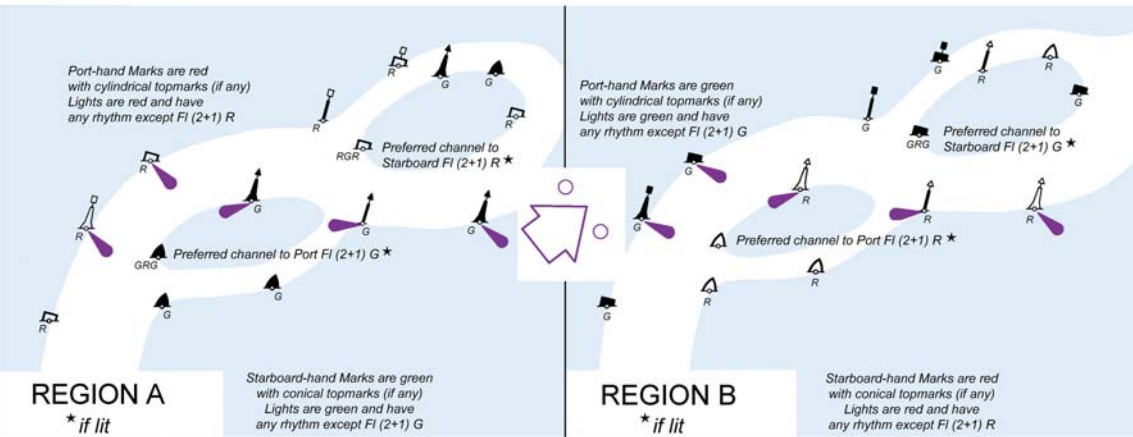
## International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA)


Where in force, the IALA System applies to all fixed and floating marks except landfall lights, leading lights and marks, sectored lights and major floating lights. The standard buoy shapes are cylindrical (can) , conical , spherical , pillar , and spar , but variations may occur, for example: minor light floats . In the illustrations below, only the standard buoy shapes are used. In the case of fixed beacons (lit or unlit) only the shape of the topmark is of navigational significance.



## IALA Buoyage Regions A and B



Lateral marks are generally for well-defined channels and are defined by their IALA Buoyage Region. The direction of buoyage is that taken when approaching a harbor from seaward. Along coasts, the direction is determined by buoyage authorities, normally clockwise around land masses.



BEACONS with IALA System topmarks are charted by upright symbols, eg:  or,

on smaller-scale charts:  Beacon towers are charted: 

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

**Refer to Chart 1 for further detailed information on lights, beacons, and buoys.**

## 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  $10^\circ$  with equal strength, it is doubtful if the bearing can be accurately estimated. On the other hand, if a sharp minimum can be obtained, the operator can determine the bearing to within a half of a degree.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### **Station Details**

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

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

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

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

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

### **Plotting Radio Bearings**

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

### **Synchronization for Distance Finding**

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

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

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

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

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

*Tables for finding distance*

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

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

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

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

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

Ships not equipped with a DF receiver can take advantage of the distance-finding feature of a radiobeacon station, if equipped with a radio receiver capable of receiving the transmission. In the case of obtaining distance from a

radiobeacon station which is synchronized with a submarine sound signal, the ship must also be equipped with a device for picking up submarine sound signals.

### Rotating Loop Radiobeacon

#### MODE OF OPERATION:

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

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

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

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

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

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

## INSTRUCTIONS FOR TAKING BEARINGS

Set stop watch to zero.

Listen for identification signal.

When the first long dash begins (at A on diagram) get ready for the "north signal."

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.

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.

Multiply number of seconds by  $6^\circ$  for bearing.

Determine whether bearing is direct or reciprocal.

If the "north signal" is faint, use the "east signal," but add  $090^\circ$  to final bearing.

Particular attention is directed to the following:

The stop watch must be started exactly at the beginning of the long dash for each series of observations.

The time of occurrence of the minimum must be read to the nearest fifth of a second.

The bearing obtained will be either the direct bearing or its reciprocal.

When using the east signal, add  $090^\circ$  to obtain bearings from true north.

The beacon is set up on the true meridian, and no correction is required for magnetic variation.

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

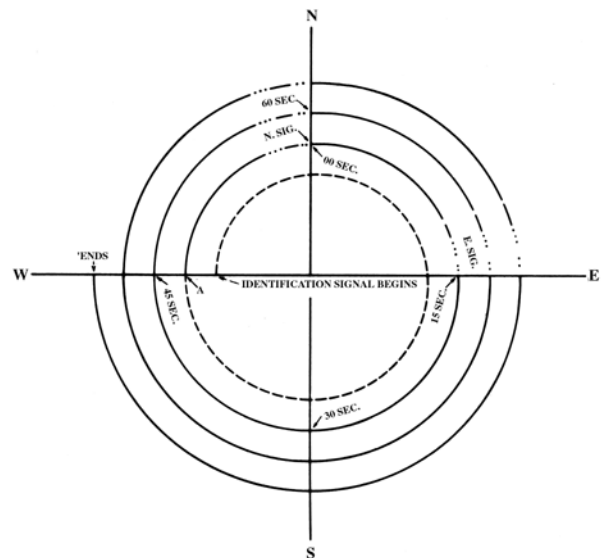
(A correction must, of course, be made for convergency; this should be applied as if the beacon were a shore radio direction-finder station.)

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 bea-

con station before taking bearings. This can easily be done by checking the time by stop watch of the complete revolution of the beacon transmission. Any error found can then be allowed for.

### Caution

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



ROTATING RADIOBEACON  
SIGNAL DIAGRAM

## DESCRIPTION

(Radiobeacons)

Information is tabulated in eight columns as follows:

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

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

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

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

**Column 5:** Range (approximate) in nautical miles.

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

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

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

## ABBREVIATIONS

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

## TABLE OF SYMBOLS

### LEGEND

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

### AMPLITUDE MODULATION:

#### N0N

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

#### A1A

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

#### A2A

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

#### A3E

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

#### R3E

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

#### B8E

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

#### H2A

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



**H3E**

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

**J3E**

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

**A3C**

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

**A3F**

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

**B7D**

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

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

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

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

**F2A**

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

**F3E**

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

**F3C**

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

**F3F**

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

**P1B**

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

Pulse Modulation:

GHz = gigahertz

kHz = kilohertz

MHz = megahertz

## **DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS)**

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

Terms for understanding DGPS:

### **DGPS Correction Receiver**

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

### **GPS Receivers**

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

### **Modulator**

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

### **Reference Station**

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

### **Transmitter**

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

## DESCRIPTION

(Differential GPS Stations)

Information is tabulated in eight columns as follows:

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

**Column 2:** Name of the DGPS Station

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

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

**Column 5:** Range (approximate) in nautical miles.

**Column 6:** Frequency in kHz.

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

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

### GPS MESSAGE TYPE NUMBER INDICATORS

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

# Section 1

## Greenland and North Coast of Canada Including Labrador, Hudson Bay and Hudson Strait

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>GREENLAND</b>							
ANGMAGSSALIK:							
4 L 5000	-Outer.	65° 35.5' N 37° 34.1' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	36 11	7	Yellow pedestal, red band; 7.	
6	Kulusuk, NW Coast, RACON.	65° 33.9' N 37° 12.4' W	<b>T(-)</b> period 60s				(3 & 10cm).
8 L 5100	Prins Christians Sund.	60° 03.5' N 43° 09.5' W	<b>Fl.W.R.G.</b> period 5s fl. 1s, ec. 4s	295 90	W. 14 R. 11 G. 11	Orange tower; 15.	W. 000°-180°, R.-255°, G.- 263°, W.-288°, R.-295°, G.-000°.
	RACON		<b>T(-)</b> period 60s				(3 & 10cm).
12 L 5200	Frederiksdal Range, front.	59° 59.0' N 44° 39.9' W	<b>Iso.W.</b> period 2s	55 17	9	Red pedestal, red triangular daymark point up.	Visible 058°-067°. F.R. on radio mast 440 meters ENE.
16 L 5200.1	-Rear, 224 meters 063° from front.	59° 59.1' N 44° 39.7' W	<b>Iso.W.</b> period 4s	88 27	9	Red tripod, red triangular daymark point down.	Visible 059°-067°.
	-RACON		<b>O(- - -)</b> period 60s				(3 & 10cm).
20 L 5204	Frederiksdal E. Range, front.	59° 58.9' N 44° 42.8' W	<b>Iso.R.</b> period 2s	66 20	9	Red pedestal, yellow band; 7.	Visible 281°-289°. Shown 24 hours.
24 L 5204.1	-Rear, 240 meters 285° from front.	59° 59.0' N 44° 43.0' W	<b>Iso.R.</b> period 4s	85 26	9	Red pedestal, yellow band; 13.	Visible 281°-289°. Shown 24 hours.
28 L 5212	Tateratkasik Range, front.	60° 03.9' N 45° 08.3' W	<b>Iso.W.</b> period 2s	56 17	9	Yellow tripod, red band; 20.	F.R. lights on radio mast 4.8 miles S.
32 L 5212.1	-Rear, 183 meters 091°30' from front.	60° 04.0' N 45° 08.6' W	<b>Iso.W.</b> period 4s	157 48	9	Red pedestal, yellow band.	
36 L 5214	Tuapait.	60° 07.3' N 45° 11.0' W	<b>Fl.W.R.G.</b> period 3s fl. 0.8s, ec. 2.2s	26 8	W. 7 R. 4 G. 4	Yellow pedestal, red band.	W. 001°-008°, R.-184°30', G.- 001°.
38	Inugsugtalik RACON.	60° 04.7' N 45° 13.9' W	<b>T(-)</b> period 60s				(3 & 10cm).
NANORTALIK HAVN:							
40 L 5216	-Approach Range, front, on islet.	60° 08.0' N 45° 14.0' W	<b>Iso.W.</b> period 2s	26 8	9	Yellow pedestal, red band; 7.	Visible 309°-317°. Shown 24 hours.
44 L 5216.1	--Rear, 137 meters 313° from front.	60° 07.9' N 45° 14.1' W	<b>Iso.W.</b> period 4s	49 15	9	Yellow pedestal, red band; 7.	Visible 309°-317°. Shown 24 hours.
48 L 5215	-Second Range, front, on Nugarssuk.	60° 08.0' N 45° 14.0' W	<b>Iso.R.</b> period 4s	36 11	2	Red framework mast, red triangular daymark point up.	
52 L 5215.1	--Rear, 192 meters 332° from front.	60° 08.4' N 45° 14.2' W	<b>Iso.R.</b> period 4s	59 18	2	Red framework mast, red triangular daymark point down.	
56 L 5221	-W. Anchorage Range, front.	60° 08.0' N 45° 15.0' W	<b>FG.</b>	23 7	2	Gray framework mast, orange triangular daymark point up; 23.	
60 L 5221.1	--Rear, 100 meters 310° from front.	60° 08.5' N 45° 14.7' W	<b>FG.</b>	38 12	2	Gray framework mast, orange triangular daymark point down; 23.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>GREENLAND</b>							
64 L 5222	-E. Anchorage Range, front.	60° 08.0' N 45° 14.0' W	<b>F.R.</b>	61 19	2	Gray framework mast, orange triangular daymark point up.	
68 L 5222.1	--Rear, 32 meters 010° from front.	60° 08.5' N 45° 14.4' W	<b>F.R.</b>	71 22	2	Gray framework mast, orange triangular daymark point down.	
72 L 5217	-Kolonibugt, at mole, head.	60° 08.2' N 45° 14.7' W	<b>Iso.G.</b> period 2s	13 4		Gray framework mast; 13.	
80	Iliartalik RACON.	60° 25.5' N 45° 39.2' W	<b>M(- -)</b> period 60s				(3 & 10cm).
JULIANEHAB APPROACH:							
92 L 5226	-Sardlog, W. side.	60° 32.6' N 46° 02.1' W	<b>Fl.(3)W.R.G.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	65 20	W. 8 R. 6 G. 6	Orange tower; 13.	W. 062°-073°, R.-112°, G.-143°, W.-147°, R.-190°, G.-062°.
94	Paggivik RACON.	60° 37.5' N 46° 11.7' W	<b>T(-)</b> period 60s				(3 & 10cm).
96 L 5228	Paggisvik (Akia), S. end.	60° 37.5' N 46° 11.6' W	<b>Fl.(2)W.R.G.</b> period 10s fl. 1.5s, ec. 1.5s fl. 1.5s, ec. 5.5s	131 40	W. 8 R. 6 G. 6	Orange tower; 16.	W. 067°-093°, R.-101°, G.-129°, R.-155°, G.-281°, W.-284°, R.-289°, G.-302°, R.-307°, G.-067°.
100 L 5230	-Pardlit, E. end.	60° 41.5' N 46° 11.9' W	<b>Fl.W.R.G.</b> period 3s fl. 0.8s, ec. 2.2s	89 27	W. 8 R. 6 G. 6	Red tower, yellow band; 23.	W. 021°30'-036°, R.-180°, G.-260°, W.-267°, R.-319°, G.-021°30', obscured when bearing 095° and 211°.
104 L 5232	-Kilagtoq, NE. end.	60° 43.9' N 46° 13.8' W	<b>Fl.W.R.G.</b> period 5s fl. 1s, ec. 4s	24 7	W. 8 R. 5 G. 5	Orange tower; 13.	G. 047°-137°, W.-141°, R.-227°, G.-317°, W.-324°, R.-047°.
106	-Simiutaq RACON.	60° 40.5' N 46° 33.0' W	<b>M(- -)</b> period 60s				(3 & 10cm).
108 L 5234	-Hvide Naes, on point.	60° 42.3' N 46° 04.4' W	<b>Fl.(2)W.R.G.</b> period 5s fl. 0.7s, ec. 0.7s fl. 0.8s, ec. 2.8s	30 9	W. 6 R. 4 G. 4	Red pedestal, yellow band; 6.	W. 062°-067°, R.-180°, G.-062°.
112 L 5244	-Breakwater, W. side of entrance, head.	60° 43.0' N 46° 02.2' W	<b>F.I.R.</b> period 3s fl. 0.7s, ec. 2.3s	16 5	1	White column; 10.	Seasonal. <b>Radar reflector.</b>
116 L 5238	Julianehab Range, front.	60° 43.1' N 46° 02.1' W	<b>Iso.R.</b> period 2s	82 25	5	Gray framework mast, red triangular daymark point up; 75.	Visible 280°42'-067°42'. Seasonal.
120 L 5238.1	--Rear, 39 meters 350°42' from front.	60° 43.1' N 46° 02.2' W	<b>Iso.R.</b> period 4s	95 29	5	Framework mast, red triangular daymark point down; 72.	Visible 280°42'-067°42'. Seasonal.
124 L 5246	-NE. Range, front.	60° 43.1' N 46° 02.0' W	<b>Iso.G.</b> period 2s	39 12	5	White mast, red and white triangular daymark point up; 30.	Visible 318°-098°. Shown 24 hours. Seasonal.
128 L 5246.1	--Rear, about 17 meters 028° from front.	60° 43.1' N 46° 02.0' W	<b>Iso.G.</b> period 4s	56 17	5	White mast, red and white triangular daymark point down; 16.	Visible 318°-098°. Shown 24 hours. Seasonal.
132 L 5242	-W. Range, front.	60° 42.9' N 46° 02.5' W	<b>F.G.</b>	39 12		Mast, orange triangular daymark point up; 20.	Shown 24 hours. Seasonal.
136 L 5242.1	--Rear, about 31 meters 305° from front.	60° 42.9' N 46° 02.6' W	<b>F.G.</b>	59 18		Mast, orange triangular daymark point down; 20.	Shown 24 hours. Seasonal.
137 L 5235	-Tank installation anchorage Range, front.	60° 42.8' N 46° 02.6' W	<b>F.R.</b>	46 14		Gray framework mast, orange triangular daymark point up; 23.	On request. Occasional.
138 L 5235.1	--Rear, 50 meters 013° from front.	60° 42.8' N 46° 02.6' W	<b>F.R.</b>	59 18		Gray framework mast, orange triangular daymark point down; 23.	On request. Occasional.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>GREENLAND</b>							
140 L 5260	Narssaq Havn Range, front.	60° 54.6' N 46° 03.0' W	<b>F.G.</b>	50 15	5	Framework mast, red triangular daymark point up; 26.	Visible 260°-080°.
144 L 5260.1	--Rear, 34 meters 350° from front.	60° 54.6' N 46° 03.0' W	<b>F.G.</b>	60 18	4	Framework mast, orange triangular daymark point down; 13.	Visible 260°-080°.
148 L 5264	-Anchorage Range, front, E. side of harbor.	60° 55.0' N 46° 03.0' W	<b>F.G.</b>	26 8	2	Framework mast, triangular daymark point up; 23.	
152 L 5264.1	--Rear, 28 meters 072° from front.	60° 54.4' N 46° 02.5' W	<b>F.G.</b>	62 19	2	Framework mast, triangular daymark point down; 23.	
156 L 5266	Brede Fjord, Inugsugtut.	60° 43.2' N 46° 59.2' W	<b>Fl.(3)W.R.G.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	131 40	W. 8 R. 6 G. 6	Orange tower; 16.	W. 059°-080°, R.-106°30', G.-113°, W.-118°30', R.-131°, G.-059°.
	RACON		<b>O(---)</b> period 60s				(3 & 10cm).
ARSUK FJORD:							
160 L 5270	-Qajartalik Island, SW. part.	61° 09.8' N 48° 31.4' W	<b>Fl.(2)W.R.G.</b> period 5s fl. 0.7s, ec. 0.8s fl. 0.7s, ec. 2.8s	88 27	W. 7 R. 4 G. 4	Red tower, yellow band; 23.	W. 049°-081°, R.-281°, G.-049°.
164 L 5273.9	-Napassut Island, W. side.	61° 06.3' N 48° 14.3' W	<b>Iso.W.R.G.</b> period 2s	39 12	W. 5 R. 3 G. 3	Red cabinet, yellow band; 7.	G. 078°-086°, W.-089°, R.-159°, G.-209°, W.-216°, R.-266°30'.
212 L 5284	-Gronne Dal, NW. corner of pier.	61° 14.1' N 48° 06.1' W	<b>F.G.</b>	7 2		Post.	Visible 069°-181°30'. Shown 24 hours.
216 L 5281.9	--Front, 60 meters 302° from common rear.	61° 14.3' N 48° 06.3' W	<b>F.R.</b>	82 25		Orange beacon, square daymark; 20.	Visible 055°-061°. Shown 24 hours.
220 L 5281.91	---Common Rear.	61° 14.3' N 48° 06.2' W	<b>F.R.</b>	147 45		Orange beacon, square daymark; 13.	Visible 055°-061°. Shown 24 hours.
224 L 5282.1	---Front, 37 meters 160° from common rear.	61° 14.3' N 48° 06.3' W	<b>F.G.</b>	92 28	3	Yellow beacon, orange triangular daymark point up; 13.	Shown 24 hours.
FREDERIKSHAB APPROACH:							
228 L 5346	-Satuarssugssuaq.	61° 58.0' N 49° 45.3' W	<b>Fl.(3)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	66 20	7	Yellow tower, red band; 23.	
	-RACON		<b>O(---)</b> period 60s				(3 & 10cm).
232 L 5348	-Approach Range, front.	61° 59.9' N 49° 40.4' W	<b>Q.W.</b>	46 14	12	Framework mast, red triangular daymark point up; 43.	Visible 028°-044°. Obscured locally.
236 L 5348.1	--Rear, 357 meters 036° from front.	62° 00.0' N 49° 40.2' W	<b>Iso.W.</b> period 4s	85 26	12	White framework mast, red triangular daymark point down; 26.	Visible 028°-044°.
248 L 5400	Fiskenaes Fjord, entrance portside.	63° 01.7' N 50° 49.3' W	<b>Fl.W.R.G.</b> period 3s fl. 0.7s, ec. 2.3s	66 20	W. 7 R. 5 G. 5	Orange tower; 16.	R. 076°-093°, G.-219°, W.-222°, R.-303°, G.-341°, W.-076°.
HELLEFISKE ISLANDS:							
250	-RACON.	63° 02.5' N 51° 00.2' W	<b>T(-)</b> period 60s				(3 & 10cm).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>GREENLAND</b>							
FAERINGEHAVN APPROACH:							
252 L 5500	-Statut.	63° 41.9' N 51° 36.4' W	<b>Fl.W.R.G.</b> period 5s fl. 1s, ec. 4s	69 21	W. 8 R. 4 G. 4	Red concrete pillar, white lantern; 10.	W. 019°-049°, R.-089°, G.-180°, W.-192°, R.-277°, G.-019°.
	-RACON		<b>M(- -)</b> period 60s				(3 & 10cm).
256 L 5504	-Smukke O.	63° 41.3' N 51° 32.6' W	<b>Fl.W.R.G.</b> period 3s fl. 0.8s, ec. 2.2s	52 16	W. 6 R. 3 G. 3	Red concrete pillar, lantern; 3.	G. 000°-071°, W.-081°, R.-180°, W.-000°.
260 L 5508	-Sondre Naes Range, front.	63° 41.3' N 51° 32.2' W	<b>Iso.W.</b> period 2s	26 8		8 Yellow pedestal, red band; 6.	
264 L 5508.1	--Rear, 408 meters 073° from front.	63° 41.3' N 51° 31.7' W	<b>Iso.W.</b> period 4s	62 19		8 Yellow tripod, red band; 23.	
282 L 5512	Kigtorgat, NE. island.	63° 55.6' N 51° 35.1' W	<b>Fl.W.</b> period 3s fl. 0.8s, ec. 2.2s	66 20		4 Yellow tripod, red band; 19.	
284 L 5520	Angissorssuaq Island Range, front.	63° 58.1' N 51° 43.7' W	<b>Iso.R.</b> period 2s	52 16		8 Red framework mast; 33.	Visible 204°-210°.
288 L 5520.1	-Rear, 460 meters 207° from front.	63° 57.9' N 51° 43.9' W	<b>Iso.R.</b> period 4s	98 30		6 Red pedestal; 7.	Visible 204°-210°.
292 L 5525	Tukingassarassuak.	64° 00.2' N 51° 41.9' W	<b>Fl.W.R.G.</b> period 3s fl. 0.8s, ec. 2.2s	39 12	W. 5 R. 4 G. 4	Yellow pedestal, red band; 6.	G. 090°-321°, W.-326°, R.-090°.
294 L 5531	Stromstedet Range, front.	64° 00.8' N 51° 38.7' W	<b>Iso.W.</b> period 2s	59 18		9 Gray framework tower, red rectangular daymark, white stripe; 13.	Visible 176°-192°.
294.1 L 5531.1	-Rear, 184° from front.	64° 00.6' N 51° 38.7' W	<b>Iso.W.</b> period 4s	98 30		9 Gray framework tower, red rectangular daymark, white stripe; 7.	Visible 176°-192°.
296 L 5530	Simiuta.	64° 02.5' N 51° 38.1' W	<b>Fl.G.</b> period 3s fl. 0.8s, ec. 2.2s	39 12		4 Yellow pedestal, red band; 7.	Shown 24 hours.
300 L 5535	Serfartorssuaq.	64° 05.6' N 51° 37.6' W	<b>Fl.W.</b> period 3s fl. 0.8s, ec. 2.2s	88 27		4 Yellow tripod, red band; 33.	Shown 24 hours.
GODTHABFJORD:							
304 L 5550	-Agtorssuit Island, Kookoerne.	64° 03.2' N 52° 07.7' W	<b>Fl.(2)W.R.G.</b> period 5s fl. 0.7s, ec. 0.8s fl. 0.7s, ec. 2.8s	85 26	W. 9 R. 6 G. 6	Red tower, yellow band; 23.	W. 073°-121°, R.-206°, G.-231°, W.-235°, R.-275°, G.-073°. 2 F.R. (vert.) on radio tower 1.7M SE.
	-RACON		<b>O(- -)</b> period 60s				(3 & 10cm).
308 L 5552	-Renso.	64° 07.2' N 51° 56.9' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	39 12	10 7	Yellow hut, red band; 6.	Visible (unintensified) 229°-049°, (intensified) -058°.
312 L 5554	-Ships Harbor Approach Range, front.	64° 09.8' N 51° 43.1' W	<b>Iso.G.</b> period 2s	30 9		9 Yellow hut, red band; 6.	Intensified 056°30'-065°30'.
316 L 5554.1	--Rear, 220 meters 061° from front.	64° 09.9' N 51° 42.8' W	<b>Iso.G.</b> period 4s	85 26		9 Yellow hut, red band; 6.	Visible 053°-069°.
320 L 5558	--Entrance, E.	64° 10.3' N 51° 42.9' W	<b>Fl.W.R.G.</b> period 3s fl. 0.8s, ec. 2.2s	39 12		5 Yellow hut, red band; 6.	G. 268°-015°, W.-025°, R.-132°.
326 L 5572	-Malene Bay Range, front.	64° 10.8' N 51° 41.4' W	<b>Iso.R.</b> period 2s	46 14		4 Framework mast, red triangular daymark point up; 33.	Visible 265°12'-145°12'. Shown May 1 to Nov. 15.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>GREENLAND</b>							
326.1 L 5572.1	--Rear, 145 meters 025°12' from front.	64° 10.8' N 51° 41.3' W	<b>Iso.R.</b> period 4s	62 19	4	Framework mast, red triangular daymark point down; 15.	Visible 265°12'-145°12'. Shown May 1 to Nov. 15.
328 L 5575	-AVIATION LIGHT.	64° 11.3' N 51° 40.7' W	<b>Al.FI.W.G.</b> period 5s fl. 0.5s, ec. 4.5s	325 99	W. 19 G. 16	Control tower; 49.	
332 L 5580	Sukkertoppen Approach, Kitdliaaraq Islet.	65° 21.6' N 52° 50.2' W	<b>Fl.(3)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	69 21	9	Yellow tower, red band; 23.	
	RACON		<b>M(- -)</b> period 60s		3		(3 & 10cm).
336 L 5590	Sukkertoppen, Kirkegaards Naasset Range, front.	65° 25.4' N 52° 53.0' W	<b>Oc.W.R.G.</b> period 5s	98 30	W. 7 R. 4 G. 4	Metal framework tower, yellow top, red roof; 39.	G. 152°-004°30', W.-011°30', R.-031°. In line with unlit rear beacon 010°30'.
340 L 5594	Sukkertoppen Havn, W. side of harbor.	65° 24.6' N 52° 54.3' W	<b>Iso.W.R.G.</b> period 2s	43 13	W. 5 R. 3 G. 3	Red column, yellow band; 6.	G. 288°-301°42', W.-310°, R.-321°.
344 L 5596	-E. anchorage Range, front.	65° 25.0' N 52° 54.0' W	<b>F.G.</b>	26 8	10	Mast, orange triangular daymark point up; 49.	
348 L 5596.1	--Rear, 59 meters 030° from front.	65° 24.8' N 52° 54.2' W	<b>F.G.</b>	43 13	10	Mast, orange triangular daymark point down; 49.	
352 L 5598	-W. anchorage Range, front.	65° 24.8' N 52° 54.5' W	<b>Iso.R.</b> period 4s	82 25	10	Metal framework tower, orange triangular daymark point up; 26.	
356 L 5598.1	--Rear, about 30 meters 323° from front.	65° 24.8' N 52° 54.5' W	<b>Iso.R.</b> period 4s	92 28	10	Metal framework tower, orange triangular daymark point down; 33.	
362	Kangaamiut RACON.	65° 49.1' N 53° 22.9' W	<b>O(- - -)</b> period 60s				(3 & 10cm).
364 L 5620	Sondre Stromfjord S. Range, front.	66° 00.3' N 53° 31.1' W	<b>Iso.W.</b> period 2s	26 8	9	Yellow hut, red band, white rectangular daymark, red border; 8.	Visible 091°-107°.
368 L 5620.1	-Rear, 660 meters 099° from front.	66° 00.2' N 53° 30.2' W	<b>Iso.W.</b> period 4s	49 15	10	Yellow hut, red band, white rectangular daymarks, red border; 7.	Visible 091°-107°.
370	Qeqertasugssuk RACON.	66° 00.6' N 53° 31.6' W	<b>T(-)</b> period 60s				(3 & 10cm).
372 L 5625	Sondre Stromfjord, N. Range, front.	66° 01.5' N 53° 30.8' W	<b>Iso.R.</b> period 2s	62 19	10	Yellow hut, red band; 8.	Visible 048°-064°.
376 L 5625.1	-Rear, about 550 meters 056° from front.	66° 01.7' N 53° 30.3' W	<b>Iso.R.</b> period 4s	112 34	10	Yellow hut, red band; 8.	Visible 048°-064°.
380 L 5640	Itivdleg, Qeqertarsuatsiaq.	66° 30.6' N 53° 41.8' W	<b>Fl.W.R.G.</b> period 5s fl. 1s, ec. 4s	138 42	W. 8 R. 6 G. 5	Orange tower; 16.	G. 010°-055°, W.-134°, R.-144°, G.-172°, W.-177°, R.-185°, G.-230°, W.-240°, R.-010°.
384 L 5660	Mollers O (Anatsusok).	66° 55.5' N 53° 45.1' W	<b>Fl.W.</b> period 3s fl. 0.8s, ec. 2.2s	121 37	7	Yellow tower, red band; 23.	
	RACON		<b>M(- -)</b> period 60s				(3 & 10cm).
388 L 5680	Praestefjeld Range, front.	66° 56.9' N 53° 43.4' W	<b>Iso.W.</b> period 2s	46 14	8	Orange hut.	Visible 004°-010°.
392 L 5680.1	-Rear, 500 meters 007° from front.	66° 57.2' N 53° 43.3' W	<b>Iso.W.</b> period 4s	92 28	8	Orange hut.	Visible 004°-010°.
396 L 5696	Holsteinborg Entrance Range, front.	66° 56.5' N 53° 40.2' W	<b>Iso.W.</b> period 2s	112 34	9	Metal framework tower, orange triangular daymark point up; 66.	

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<b>GREENLAND</b>							
400 L 5696.1	-Rear, 300 meters 092°30' from front.	66° 56.5' N 53° 39.8' W	<b>Iso.W.</b> period 4s	164 50	10	Metal framework tower, orange triangular daymark point down; 23.	
404 L 5712	-Lee mole, head.	66° 56.5' N 53° 41.0' W	<b>F.R.</b>	13 4	3	Post; 7.	
408 L 5706	Tommermandsoen, anchorage W. Range, front.	66° 56.5' N 53° 41.9' W	<b>Oc.G.</b> period 7s lt. 6s, ec. 1s	59 18	3	Metal framework tower, orange triangular daymark point up; 13.	
412 L 5706.1	-Rear, 24 meters 174°30' from front.	66° 56.5' N 53° 41.9' W	<b>Oc.G.</b> period 5s lt. 4s, ec. 1s	69 21	3	Metal framework tower, orange triangular daymark point down; 19.	
424 L 5718	Sydbay (Ukivik).	67° 13.2' N 53° 55.3' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	295 90	6	Orange tower; 23.	
425 L 5719.1	Agto Anchorage S. Range, front.	67° 56.5' N 53° 37.9' W	<b>F.G.</b>	66 20	4	Gray framework mast, red triangular daymark point up; 30.	
425.1 L 5719.11	-Rear, 40 meters 192°48' from front.	67° 56.5' N 53° 37.9' W	<b>F.G.</b>	79 24	4	Gray framework mast, red triangular daymark point down; 30.	
426 L 5720	-E. Range, front.	67° 56.6' N 53° 37.7' W	<b>F.R.</b>	16 5	4	Green and brown mast, red triangular daymark point up; 10.	
426.1 L 5720.1	--Rear, 65 meters 111°36' from front.	67° 56.5' N 53° 37.9' W	<b>F.R.</b>	33 10	4	Green and brown mast, red triangular daymark point down; 13.	
428 L 5790	Kangatsiag.	68° 18.5' N 53° 28.8' W	<b>Oc.W.R.G.</b> period 5s lt. 4s, ec. 1s	65 20	W. 7 R. 4 G. 4	Framework tower; 26.	W. 103°-108°, R.-140°, G.-103°.
432 L 5791	-SW.	68° 18.3' N 53° 29.0' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	16 5	2	Concrete base; 5.	
436 L 5800	-Vester Eiland.	68° 37.4' N 53° 32.2' W	<b>Fl.(2)W.</b> period 5s fl. 0.7s, ec. 0.8s fl. 0.7s, ec. 2.8s	148 45	7	Red tower, white band; 23.	
	-RACON		<b>T(-)</b> period 60s				(3 & 10cm).
440 L 5840	-Susanne Oerne, NW. island.	68° 39.6' N 53° 09.2' W	<b>Fl.(3)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	82 25	5	Red tower, yellow band; 16.	
EGEDESMINDE APPROACH:							
444 L 5860	-Qarajugtoq Range, front.	68° 42.8' N 52° 58.8' W	<b>Iso.W.</b> period 2s	26 8	8	Red tower, yellow band; 7.	Visible 048°-054°. Shown Aug. 1 to close of navigation.
			<b>Fl.W.R.G.</b> period 5s fl. 1s, ec. 4s	26 8	W. 5 R. 2 G. 2		Shown Aug. 1 to close of navigation.
448 L 5860.1	--Rear, 890 meters 051° from front.	68° 43.0' N 52° 57.8' W	<b>Iso.W.</b> period 4s	69 21	8	Red framework mast, red locker, yellow band; 23.	Visible 048°-054°. Shown Aug. 1 to close of navigation.
456 L 5892	-Zimmers O.	68° 45.1' N 52° 47.8' W	<b>Fl.W.R.G.</b> period 3s fl. 0.7s, ec. 2.3s	59 18	W. 7 R. 4 G. 4	Red tower, yellow band; 16.	G. 326°-040°, W.-056°, R.-109°, G.-171°, W.-212°, R.-326°.
460 L 5890	-Raeveo Range, front.	68° 42.8' N 52° 53.4' W	<b>Iso.R.</b> period 2s	52 16	2	Mast, red triangular daymark point up; 16.	Shown Aug. 1 to May 15.

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<b>GREENLAND</b>							
464 L 5890.1	--Rear, 82 meters 268° from front.	68° 42.8' N 52° 53.6' W	<b>Iso.R.</b> period 4s	75 23	2	Mast, red triangular daymark point down; 16.	Shown Aug. 1 to May 15.
EGEDESMINDE HAVN:							
468 L 5870	-Entrance Range, front.	68° 42.6' N 52° 52.3' W	<b>Iso.G.</b> period 2s	60 18	4	White wooden mast, red triangular daymark point up; 49.	Visible 050°-230°.
472 L 5870.1	--Rear, 100 meters 140° from front.	68° 42.6' N 52° 52.2' W	<b>Iso.G.</b> period 4s	98 30	4	White wooden mast, red triangular daymark point down; 49.	Visible 050°-230°.
476 L 5884	-Naesset, inner harbor Range, front.	68° 42.5' N 52° 53.2' W	<b>F.R.</b>	39 12	1	Wooden mast, red triangular daymark point up; 10.	Visible 175°-181°. Shown Aug. 1 to May 15.
480 L 5884.1	--Rear, 23 meters 178° from front.	68° 42.5' N 52° 53.2' W	<b>F.R.</b>	51 16	1	Wooden mast, red triangular daymark point down; 13.	Visible 175°-181°. Shown Aug. 1 to May 15.
506	Basiso, RACON.	68° 50.3' N 51° 58.6' W	<b>M(- -)</b> period 60s				(3 & 10cm).
DISKO:							
508 L 5918	-Udkiggen.	69° 13.9' N 53° 33.3' W	<b>Oc.W.R.G.</b> period 10s lt. 8s, ec. 2s	131 40	W. 14 R. 11 G. 11	Orange tower; 18.	R. 034°-043°, G.-052°, W.-069°, R.-074°, G.-079°, W.-095°, R.-106°, G.-275°, W.-333°, R.-347°, G.-357°, W.-034°.
	-RACON		<b>T(-)</b> period 60s				(3 & 10cm).
512 L 5920	-Godhavn Range, front.	69° 15.2' N 53° 32.8' W	<b>F.G.</b>	46 14	3	Framework mast, red triangular daymark point up, white border.	Visible 058°-064°. Shown Aug. 1 to Jan. 1.
516 L 5920.1	--Rear, 46 meters 061° from front.	69° 15.2' N 53° 32.7' W	<b>F.G.</b>	105 32	3	Framework mast, red triangular daymark point down, white border.	Visible 058°-064°. Shown Aug. 1 to Jan. 1.
520 L 5928	-Anchorage Range, front.	69° 15.1' N 53° 32.9' W	<b>F.R.</b>	36 11	2	White mast, red and white triangular daymark point up; 22.	Visible 357°-117°. Shown 24 hours.
524 L 5928.1	--Rear, 61 meters 057° from front.	69° 15.2' N 53° 32.8' W	<b>F.R.</b>	52 16	2	White mast, red and white triangular daymark point down; 22.	Visible 357°-117°. Shown 24 hours.
CHRISTIANSHAB:							
535 L 5932	-Qasigiannugit Range, front.	68° 49.3' N 51° 10.9' W	<b>Iso.R.</b> period 2s	52 16	2	Mast, red triangular daymark point up; 23.	Visible 338°30'-098°30'. Shown May to Dec.
536 L 5932.1	--Rear, 038°30' from front.	68° 49.4' N 51° 10.7' W	<b>Iso.R.</b> period 4s	82 25	2	Mast, red triangular daymark point down; 23.	Visible 338°30'-098°30'. Shown May to Dec.
538	Nuugaarsuk, RACON.	69° 14.1' N 51° 07.4' W	<b>O(- - -)</b> period 60s				(3 & 10cm).
540 L 5940	Jakobshavn Range, front.	69° 13.5' N 51° 06.0' W	<b>Iso.R.</b> period 2s	46 14	4	Mast, red triangular daymark point up; 33.	Shown 24 hours.
544 L 5940.1	--Rear, 167 meters 119°36' from front.	69° 13.5' N 51° 05.8' W	<b>Iso.R.</b> period 4s	92 28	4	Mast, red triangular daymark point down; 24.	Shown 24 hours.
548 L 5942	-Inner Harbor Range, front.	69° 13.2' N 51° 05.5' W	<b>Iso.G.</b> period 2s	144 44	4	Mast, red triangular daymark point up; 24.	Shown 24 hours.
552 L 5942.1	--Rear, 149 meters 142°54' from front.	69° 13.1' N 51° 05.3' W	<b>Iso.G.</b> period 4s	171 52	4	Mast, red triangular daymark point down; 24.	Shown 24 hours.
556 L 5944	-NE. mole, head.	69° 13.4' N 51° 05.8' W	<b>F.R.</b>	7 2	2	Platform.	

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<b>GREENLAND</b>							
560 <i>L 5936</i>	-Napissaq.	68° 48.5' N 51° 13.3' W	<b>Fl.W.R.G.</b> period 3s fl. 0.8s, ec. 2.2s	30 9	W. 6 R. 4 G. 4	Orange tower; 15.	G. 030°-045°, W.-058°, R.-069°, G.-118°, W.-156°, R.-166°, G.-247°, W.-275°, R.-282°.
562 <i>L 5951</i>	-Forfyr Range, front.	70° 40.6' N 52° 07.7' W	<b>Iso.G.</b> period 2s	72 22	3	Framework mast, red triangular daymark point up; 15.	Shown 24 hours, May to Dec.
566 <i>L 5951.1</i>	--Rear, 22 meters 312°36' from front.	70° 40.6' N 52° 07.7' W	<b>Iso.G.</b> period 4s	82 25	3	Framework mast, red triangular daymark point down; 23.	Shown 24 hours, May to Dec.
UPERNAVIK:							
580 <i>L 5970</i>	-Entrance Range, front.	72° 47.5' N 56° 08.3' W	<b>F.R.</b>	39 12	4	Mast, red triangular daymark point up; 33.	Visible 105°36'-111°36'. Shown 24 hours, May 1 to Dec. 31.
584 <i>L 5970.1</i>	--Rear, 50 meters 108°36' from front.	72° 47.4' N 56° 08.3' W	<b>F.R.</b>	46 14	4	Mast, red triangular daymark point down; 16.	Visible 105°36'-111°36'. Shown 24 hours, May 1 to Dec. 31.
594	Hvalo, RACON.	72° 40.4' N 56° 18.7' W	<b>T(-)</b> period 60s				(3 & 10cm).
596 <i>L 5990</i>	Thule AVIATION LIGHT.	76° 31.0' N 68° 48.3' W	<b>Al.W.G.</b>				

**CANADA-HUDSON BAY AND STRAIT**

UNGAVA BAY:							
601 <i>H 0058</i>	-Koksoak River Range, front.	58° 27.6' N 68° 12.4' W	<b>F.G.</b>	59 18	10	Square skeleton tower, orange trapezoidal daymark, black stripe; 26.	Seasonal.
601.1 <i>H 0058.1</i>	--Rear, 614 meters 197°38' from front.	58° 27.3' N 68° 12.6' W	<b>F.G.</b>	130 40	13	Square tower, orange trapezoidal daymark, black stripe; 80.	Visible on range line only. Seasonal.
602 <i>H 0058.4</i>	--E. Range, front.	58° 29.7' N 68° 10.3' W	<b>Iso.W.</b> period 2s	65 20	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 26.	Visible on range line only. Seasonal.
602.1 <i>H 0058.41</i>	---Rear, 651 meters 189°36' from front.	58° 29.4' N 68° 10.4' W	<b>Iso.W.</b> period 2s	115 35	16	Square tower, orange trapezoidal daymark, black stripe; 66.	Visible on range line only. Seasonal.
603 <i>H 0059</i>	<b>-Beacon Point, (Inukshuktuyuk)</b> Range, front.	58° 33.1' N 68° 11.5' W	<b>F.W.</b>	57 17	15	Square tower, orange trapezoidal daymark, black stripe; 26.	Visible on range line only. Seasonal.
603.1 <i>H 0059.1</i>	--Rear, 1,025 meters 219°49' from front.	58° 32.7' N 68° 12.3' W	<b>F.W.</b>	144 44	15	Square tower, orange trapezoidal daymark, black stripe; 26.	Visible on range line only. Seasonal.
608 <i>H 0053.4</i>	Cape Poillon Range, front.	63° 08.0' N 67° 51.8' W	<b>Iso.W.</b> period 2s	276 84	14	Square skeleton tower, orange trapezoidal daymark, black stripe.	Visible on range line only. Seasonal.
612 <i>H 0053.41</i>	-Rear, 3427.9 meters 149°28' from front.	63° 06.5' N 67° 49.7' W	<b>Iso.W.</b> period 2s	668 204	14	Square tower, orange trapezoidal daymark.	Visible on range line only. Seasonal.
616 <i>H 0053.5</i>	Cape Poillon W.	63° 08.9' N 67° 54.6' W	<b>Fl.Y.</b> period 6s fl. 1s, ec. 5s	128 39	8	Square tower, orange rectangular daymark.	Seasonal.
620 <i>H 0054</i>	Basset Point.	63° 12.8' N 67° 57.3' W	<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	60 18	8	Square tower, orange rectangular daymark.	Seasonal.
624 <i>H 0054.2</i>	Pike Island, No 1 Range, front.	63° 13.9' N 67° 59.5' W	<b>Iso.W.</b> period 2s	92 28	14	Square tower, orange trapezoidal daymark, black stripe.	Visible on range line only. Seasonal.
628 <i>H 0054.21</i>	-Rear, 385.4 meters 329°28' from front.	63° 14.1' N 67° 59.7' W	<b>Iso.W.</b> period 2s	146 44	8	Square tower, orange trapezoidal daymark, black stripe.	Visible on range line only. Seasonal.

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<b>CANADA-HUDSON BAY AND STRAIT</b>							
632 <i>H 0054.3</i>	-No 2 Range, front.	63° 15.2' N 68° 01.3' W	<b>Iso.W.</b> period 2s	69 21	14	Square tower, orange trapezoidal daymark, black stripe.	Visible on range line only. Seasonal.
636 <i>H 0054.31</i>	--Rear, 2463.2 meters 146°04' from front.	63° 14.1' N 67° 59.7' W	<b>Iso.W.</b> period 2s	171 52	14	Square tower, orange trapezoidal daymark, black stripe.	Visible on range line only. Seasonal.
640 <i>H 0054.4</i>	Quadrifid Island.	63° 18.3' N 68° 07.4' W	<b>Fl.G.</b> period 5s fl. 1s, ec. 4s	110 34	6	Square tower, orange rectangular daymark.	Seasonal.
644 <i>H 0054.6</i>	Lapointe Rock.	63° 21.7' N 68° 13.9' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	46 14	8	Square tower, orange rectangular daymark.	Seasonal.
648 <i>H 0056.4</i>	Monument Island.	63° 41.9' N 68° 30.2' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	135 41	8	Square tower, orange rectangular daymark; 33.	Seasonal.
650 <i>H 0055</i>	Long Island.	63° 43.5' N 68° 30.1' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	46 14	8	Square tower, orange rectangular daymark; 16.	Seasonal.
652 <i>H 0056.2</i>	<b>Koojesse Inlet</b> Range, front.	63° 44.7' N 68° 31.4' W	<b>F.G.</b>	42 13	17	Square tower, orange trapezoidal daymark; 43.	Visible on range line only. Seasonal.
656 <i>H 0056.21</i>	-Rear, 419 meters 344°12' from front.	63° 45.0' N 68° 31.5' W	<b>F.G.</b>	99 30	17	Square tower, orange trapezoidal daymark; 52.	Visible on range line only. Seasonal.
657 <i>H 0055.5</i>	Iqaluit Range, front.	63° 43.6' N 68° 31.8' W	<b>Iso.R.</b> period 2s	57 18	14	Square tower, orange trapezoidal daymark, black stripe; 56.	Visible on range line only. Seasonal.
658 <i>H 0055.51</i>	-Rear, 576 meters 229°57' from front.	63° 43.5' N 68° 32.4' W	<b>Iso.R.</b> period 2s	183 56	14	Square tower, orange trapezoidal daymark, black stripe; 26.	Visible on range line only. Seasonal.
659 <i>H 0056</i>	Frobisher Landing.	63° 44.3' N 68° 31.6' W	<b>Fl.Y.</b> period 6s fl. 1s, ec. 5s	16 5	7	Square tower, orange rectangular daymark; 16.	Seasonal.
660 <i>H 0052</i>	Cape Hopes Advance.	61° 04.9' N 69° 33.4' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s		8	Square skeleton tower, orange rectangular daymark.	Seasonal. <b>Radar reflector.</b>
668 <i>H 0048</i>	Wales Island.	61° 51.7' N 71° 58.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	273 83	8	Square mast, orange rectangular daymark; 22.	Seasonal. <b>Radar reflector.</b>
CHARLES ISLAND:							
676 <i>H 0042</i>	-W. head.	62° 42.2' N 74° 38.9' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	68 21	8	Square tower, orange rectangular daymark; 53.	Seasonal. <b>Radar reflector.</b>
DECEPTION BAY:							
680 <i>H 0041</i>	-Arctic Island.	62° 14.3' N 74° 45.4' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	97 30	8	Square tower, orange rectangular daymark; 22.	Seasonal.
700 <i>H 0040</i>	Nottingham Island, S. head.	63° 05.1' N 77° 56.6' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	91 28	8	Square tower, orange rectangular daymark, black stripe; 39.	Seasonal. <b>Radar reflector.</b>
	RACON		<b>N(- •)</b>		10		(3 & 10cm).
704 <i>H 0038</i>	Digges Islet, NW. islet.	62° 35.0' N 78° 06.2' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	91 28	8	Square tower, orange square daymark; 26.	Seasonal. <b>Radar reflector.</b>
708 <i>H 0036</i>	Mansel Island.	62° 24.6' N 79° 36.0' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	61 19	8	Square tower, orange rectangular daymark; 51.	Seasonal. <b>Radar reflector.</b>
	RACON		<b>K(- • -)</b>		10		(3 & 10cm).
712 <i>H 0036.1</i>	Cape Acadia, S. extremity of island.	61° 34.5' N 79° 48.5' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	77 24	8	Square tower, orange rectangular daymark; 63.	Seasonal. <b>Radar reflector.</b>

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-HUDSON BAY AND STRAIT</b>							
714 <i>H 0036.4</i>	Ile Broomfield.	55° 40.4' N 79° 14.3' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	144 <b>44</b>	8	Square skeleton tower, orange rectangular daymark.	Seasonal. <b>Radar reflector.</b>
	RACON		<b>N(- •)</b>		10		(3 & 10cm).
716 <i>H 0032</i>	Carys Swan Nest.	62° 02.9' N 83° 07.9' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	41 <b>12</b>	8	Red and white skeleton tower, orange rectangular daymark; 37.	Seasonal. Shoal water surrounds this point and should not be approached nearer than 5 miles. <b>Radar reflector.</b>
	RACON		<b>C(- • - •)</b>		10		(3 & 10cm).
720 <i>H 0033</i>	-Cape Pembroke.	62° 46.9' N 81° 54.1' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	54 <b>16</b>	8	Square tower, orange rectangular daymark.	Seasonal.
724 <i>H 0033.4</i>	Walrus Island, center.	63° 11.5' N 83° 39.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	180 <b>55</b>	8	Skeleton tower, orange rectangular daymark, black stripe; 32.	Seasonal. <b>Radar reflector.</b>
728 <i>H 0034</i>	Bear Island, entrance, E. side.	63° 59.0' N 83° 13.8' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	66 <b>20</b>	7	Square tower, orange rectangular daymark; 39.	Seasonal. <b>Radar reflector.</b>
732 <i>H 0035</i>	Munn Bay, Southampton Island.	64° 06.1' N 83° 14.7' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	69 <b>21</b>	7	Square tower, orange rectangular daymark; 38.	Seasonal. <b>Radar reflector.</b>
736 <i>H 0035.4</i>	Mission Lake, Chesterfield Inlet.	63° 18.0' N 90° 42.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	98 <b>30</b>	8	Square mast, orange rectangular daymark; 32.	Seasonal.
740 <i>H 0024</i>	Dunne Foxe Island.	62° 15.7' N 91° 59.3' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	71 <b>22</b>	8	Square skeleton mast; 33.	Seasonal.
744 <i>H 0025</i>	Walrus Island, Mistake Bay.	61° 58.0' N 92° 28.7' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	94 <b>28</b>	8	Square skeleton mast, orange rectangular daymark; 36.	Seasonal.
	RACON		<b>Y(- • - -)</b>		10		(3 & 10cm).
746 <i>H 0025.5</i>	Sentry Island.	61° 09.6' N 93° 52.3' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	116 <b>35</b>	8	Square skeleton mast; 60.	Seasonal.
	RACON		<b>C(- • - •)</b>		10		(3 & 10cm).
<b>CHURCHILL HARBOR:</b>							
749 <i>H 0028</i>	-Fort Prince of Wales Range, front.	58° 47.7' N 94° 12.9' W	<b>F.W.</b>	26 <b>8</b>	15	Skeleton tower, orange trapezoidal daymark, black stripe.	Seasonal.
750 <i>H 0028.1</i>	--Rear, 385 meters 343°49' from front.	58° 47.9' N 94° 13.0' W	<b>F.W.</b>	36 <b>11</b>	15	Tripod skeleton tower, orange trapezoidal daymark, black stripe.	Seasonal.
751 <i>H 0029</i>	-Ship Point Range, front.	58° 47.5' N 94° 13.4' W	<b>F.W.</b>	30 <b>9</b>	15	Square skeleton mast, orange trapezoidal daymark, black stripe; 20.	Seasonal.
751.1 <i>H 0029.1</i>	--Rear, 196 meters 317°37' from front.	58° 47.5' N 94° 13.5' W	<b>F.W.</b>	44 <b>13</b>	15	Tripod skeleton tower, orange trapezoidal daymark, black stripe.	Seasonal.
752 <i>H 0027</i>	-Churchill Range, front.	58° 47.0' N 94° 14.0' W	<b>F.W.</b>	75 <b>23</b>	15	Tripod skeleton tower, orange trapezoidal daymark.	Seasonal.
	-RACON		<b>G(- - •)</b>		10		(3 & 10cm).
756 <i>H 0027.1</i>	--Rear, 1633 meters 236°25' from front.	58° 46.5' N 94° 15.4' W	<b>F.W.</b>	155 <b>47</b>	15	Tripod skeleton tower, orange trapezoidal daymark, black stripe.	Seasonal.

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<b>CANADA-NORTH COAST</b>							
768 <i>H 0014.5</i>	<b>Resolute Bay</b> Range, front.	74° 41.2' N 94° 48.0' W	<b>Iso.W.</b> period 2s	154 47	15	Square skeleton tower; 45.	Visible on range line only. Seasonal.
772 <i>H 0014.51</i>	--Rear, 304 meters 023°14' from front.	74° 41.3' N 94° 47.8' W	<b>Iso.W.</b> period 2s	217 66	15	Skeleton tower, orange trapezoidal daymark, black stripe; 28.	Visible on range line only. Seasonal.
773	Taylor Point, RACON.	69° 37.3' N 95° 35.5' W	<b>Q(- - -)</b>		6	Red beacon.	Seasonal.
773.5	Ristvedt Island, RACON.	68° 31.2' N 97° 15.2' W	<b>Y(- - -)</b>		10	Red beacon.	Seasonal.
774	Wiik Island, RACON.	68° 31.4' N 99° 33.1' W	<b>Z(- - -)</b>		10	Red beacon.	Seasonal.
774.5	<b>M'Clintock Point</b> , RACON.	69° 18.7' N 99° 53.0' W	<b>C(- - -)</b>		20	Red beacon.	Seasonal.
775	<b>Delta Island</b> , RACON.	68° 35.4' N 100° 01.7' W	<b>G(- - -)</b>		20	Red beacon.	Seasonal.
775.5	Nordenskiold Islands, RACON.	68° 21.2' N 100° 47.2' W	<b>K(- - -)</b>		10	Red beacon.	Seasonal.
CAMBRIDGE BAY:							
779 <i>H 0013.8</i>	--Range No 1, front.	69° 02.4' N 104° 55.0' W	<b>F.Y.</b>	46 14	14	Tripod skeleton tower, red trapezoidal daymark, white stripe; 30.	Visible on range line only. Seasonal. <b>Radar reflector.</b>
780 <i>H 0013.81</i>	--Rear, 1,312.5 meters 095° from front.	69° 02.3' N 104° 53.0' W	<b>F.Y.</b>	63 19	14	Tripod skeleton tower, red trapezoidal daymark, white stripe; 32.	Visible on range line only. Seasonal. <b>Radar reflector.</b>
784 <i>H 0013.84</i>	--Range No 2, front.	69° 05.2' N 104° 57.1' W	<b>F.Y.</b>	33 10	14	Square skeleton tower, red trapezoidal daymark, white stripe; 30.	Visible on range line only. Seasonal.
788 <i>H 0013.85</i>	--Rear, 482 meters 015° from front.	69° 05.5' N 104° 56.9' W	<b>F.Y.</b>	42 13	14	Tripod skeleton tower, red trapezoidal daymark, white stripe; 20.	Visible on range line only. Seasonal.
792 <i>H 0013.87</i>	--Range No 3, front.	69° 02.9' N 104° 54.6' W	<b>F.Y.</b>	16 5	14	Square skeleton tower, red trapezoidal daymark, white stripe; 14.	Visible on range line only. Seasonal.
796 <i>H 0013.88</i>	--Rear, 1,493 meters 137° from front.	69° 02.3' N 104° 53.0' W	<b>F.Y.</b>	59 18	14	Tripod skeleton tower, red trapezoidal daymark, white stripe; 30.	Visible on range line only. Seasonal. <b>Radar reflector.</b>
800 <i>H 0013.4</i>	Atkinson Point.	69° 57.2' N 131° 26.9' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	74 23	7	Tripod skeleton tower, red rectangular daymark; 60.	Seasonal. <b>Radar reflector.</b>
	RACON		<b>Y(- - -)</b>		5		
804 <i>H 0013.3</i>	Tuft Point.	69° 44.7' N 132° 29.2' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	71 22	7	Tripod skeleton tower, white trapezoidal daymark, red stripe; 30.	Seasonal. <b>Radar reflector.</b>
TUKTOYAKTUK HARBOR:							
809.5 <i>H 0012.1</i>	<b>Tuktoyaktuk Island.</b>	69° 27.4' N 133° 00.0' W	<b>F.W.</b>	72 22	17	Tripod skeleton tower, red rectangular daymark, white stripe; 40.	Seasonal.
	--RACON		<b>C(- - -)</b>		5		
810 <i>H 0012.3</i>	-- <b>Peninsula</b> Range, front.	69° 27.9' N 132° 59.4' W	<b>F.W.</b>	38 12	16	Tripod skeleton tower, red trapezoidal daymark, white stripe; 30.	Visible on range line only. Seasonal.
810.1 <i>H 0012.4</i>	--Rear, 274 meters 099° from front.	69° 27.9' N 132° 58.9' W	<b>F.W.</b>	55 17	16	Tripod skeleton tower, red trapezoidal daymark, white stripe; 45.	Visible on range line only. Seasonal.

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<b>CANADA-NORTH COAST</b>							
810.5 <i>H 0012.8</i>	-Inner harbor Range, front.	69° 27.7' N 132° 59.0' W	<b>F.W.</b>	16 5	16	Tripod skeleton tower, red trapezoidal daymark, white stripe; 20.	Visible on range line only. Seasonal.
810.6 <i>H 0012.81</i>	--Rear, 122 meters 357° from front.	69° 27.7' N 132° 59.0' W	<b>F.W.</b>	42 13	16	Tripod skeleton tower, red trapezoidal daymark, white stripe; 15.	Visible on range line only. Seasonal.
811 <i>H 0012.6</i>	-E. entrance Range, front.	69° 27.3' N 132° 58.5' W	<b>F.W.</b>	48 15	16	Square skeleton tower, red trapezoidal daymark, white stripe; 15.	Visible on range line only. Seasonal.
811.5 <i>H 0012.7</i>	--Rear, 125 meters 134°08' from front.	69° 27.2' N 132° 58.4' W	<b>F.W.</b>	75 23	16	Tripod skeleton tower, red trapezoidal daymark, white stripe; 30.	Visible on range line only. Seasonal.
812 <i>H 0011</i>	Pullen Island.	69° 46.6' N 134° 24.4' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	135 41	7	Tripod skeleton tower, white daymark, red stripe; 30.	Seasonal. <b>Radar reflector.</b>
	RACON		<b>G(- - •)</b>		20		
818	-Shingle Point beacon, RACON.	69° 00.0' N 137° 34.5' W	<b>Y(- • - -)</b>		10	Red beacon.	Maintained from Jun. to Nov. <b>Radar reflector.</b>
819	Nipper Island, RACON.	59° 00.4' N 68° 53.3' W	<b>G(- - •)</b>		10		

**CANADA-LABRADOR COAST**

820 <i>H 0060</i>	Ford Harbor, N. side of entrance.	56° 28.3' N 61° 10.1' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	45 14	6	Square skeleton tower, red and white rectangular daymark; 20.	Seasonal.
820.1 <i>H 0059.7</i>	Rifle Sight Hill, W. side of Paul Island.	56° 29.6' N 61° 38.6' W	<b>Mo.(A)W.</b> period 6s	75 23	5	Square skeleton tower, red and white square daymark; 16.	
821 <i>H 0061</i>	Big Island.	56° 13.3' N 61° 19.4' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	72 22	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
821.1 <i>H 0060.5</i>	Crown Island.	56° 16.9' N 60° 56.8' W	<b>Fl.R.</b> period 4s	102 31	4	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
822 <i>H 0059.5</i>	Turnpike Island.	56° 36.1' N 61° 38.2' W	<b>Fl.R.</b> period 4s	56 17	4	Square skeleton mast, red and white rectangular daymark; 15.	Seasonal.
823 <i>H 0061.5</i>	Nameless Island.	56° 08.2' N 60° 58.0' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	75 23	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
824 <i>H 0062</i>	Drawbucket Tickle, E. extremity of Cairn Island.	56° 09.0' N 60° 52.3' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	46 14	6	Rectangular skeleton tower, white horizontal stripe, red rectangular daymark; 20.	Seasonal.
825 <i>H 0062.1</i>	-E.	56° 08.7' N 60° 50.8' W	<b>Q.R.</b>	42 13	4	Square skeleton tower, red and white square daymark; 16.	Seasonal.
825.05 <i>H 0062.15</i>	The Horses.	56° 03.7' N 60° 44.3' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	56 17	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
825.1 <i>H 0062.2</i>	Ukasiksalik Island.	55° 56.4' N 60° 45.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	69 21	6	Square skeleton tower, red and white rectangular daymark; 16.	
826 <i>H 0062.5</i>	Four Meter Islet.	55° 57.5' N 60° 24.7' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	25 8	7	Square skeleton tower, red and white rectangular daymark; 12.	Seasonal.

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<b>CANADA-LABRADOR COAST</b>							
827 <i>H 0062.6</i>	Katauyak Island.	55° 54.0' N 60° 33.5' W	<b>Fl.W.</b> period 4s	144 44	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
827.1 <i>H 0062.7</i>	Entry Island.	55° 51.4' N 60° 43.3' W	<b>Fl.W.</b> period 4s	75 23	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
827.2 <i>H 0063.8</i>	S. Tikigakjuk Island.	55° 48.3' N 60° 29.3' W	<b>Fl.G.</b> period 4s	122 37	4	Square skeleton tower, green and white rectangular daymark; 16.	Seasonal.
828 <i>H 0064</i>	Cape Harrigan.	55° 50.6' N 60° 18.9' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	144 44	6	Cylindrical tower, red and white bands; 13.	Seasonal.
	RACON		<b>K(- • -)</b>		10		(3 & 10cm).
828.1 <i>H 0064.4</i>	Farmyard Island.	55° 49.5' N 59° 54.1' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	177 54	5	Square skeleton tower, red and white square daymark; 16.	Seasonal.
828.2 <i>H 0064.3</i>	Windy Tickle.	55° 46.6' N 60° 19.6' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	23 7	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
829 <i>H 0065</i>	Gourley Island.	55° 43.4' N 60° 20.5' W	<b>Fl.W.</b> period 4s	39 12	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
830 <i>H 0066</i>	Cant Island.	55° 38.4' N 60° 23.7' W	<b>Fl.W.</b> period 4s	72 22	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
831 <i>H 0067</i>	Cross Island.	55° 36.1' N 60° 18.4' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	76 23	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
832 <i>H 0068</i>	Napakataktalik (Manuel Island).	55° 33.1' N 60° 14.9' W	<b>Fl.W.</b> period 4s	115 35	5	Red and white cylindrical tower, red and white rectangular daymark; 16.	Seasonal.
833 <i>H 0068.4</i>	Achvitaaksoak Island.	55° 29.6' N 60° 13.7' W	<b>Fl.W.</b> period 4s	159 49	4	Square skeleton tower, three red rectangular daymarks, white band; 16.	Seasonal.
834 <i>H 0068.42</i>	Umiaginak Island.	55° 28.8' N 60° 12.6' W	<b>Q.R.</b>	48 15	3	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
836 <i>H 0068.5</i>	Hopedale Harbor Range, front.	55° 27.3' N 60° 13.5' W	<b>Fr.R.</b>	66 20	11	Skeleton tower, white trapezoidal daymark, red stripe; 19.	Visible on range line only. Seasonal.
840 <i>H 0068.51</i>	-Rear, 60 meters 278° from front.	55° 27.3' N 60° 13.6' W	<b>Fr.R.</b>	85 26	11	Skeleton tower, white trapezoidal daymark, red stripe; 10.	Visible on range line only. Seasonal.
841 <i>H 0068.3</i>	Satoarsook Island.	55° 26.2' N 60° 11.4' W	<b>L.Fl.W.</b> period 10s fl. 2s, ec. 8s	33 10	6	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
842 <i>H 0068.6</i>	Landmark Point.	55° 24.9' N 60° 01.9' W	<b>Fl.G.</b> period 4s	111 34	4	Square skeleton tower, green and white rectangular daymark; 16.	Seasonal.
842.1 <i>H 0068.1</i>	Annaltalik Island.	55° 27.2' N 59° 46.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	112 34	6	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
843 <i>H 0068.8</i>	Bluff Point.	55° 15.9' N 60° 02.0' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	49 15	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
844 <i>H 0069</i>	White Bear Island (NanuakNanuaktok).	55° 26.0' N 59° 30.7' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	77 23	5	Square skeleton tower, red and white rectangular daymark; 24.	Seasonal.
	RACON		<b>N(- •)</b>		10		(3 & 10cm).

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<b>CANADA-LABRADOR COAST</b>							
848 <i>H 0070</i>	Winsor Point, Winsor Harbor, NE. point.	55° 20.9' N 59° 43.9' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	91 28	5	Cylindrical tower, red and white rectangular daymark; 16.	Seasonal.
848.5 <i>H 0070.5</i>	Striped Island.	55° 19.1' N 59° 38.5' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	121 37	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
849 <i>H 0071</i>	The Clusters.	55° 16.8' N 59° 30.2' W	<b>Fl.R.</b> period 4s fl. 0.5s, ec. 3.5s	17 5	7	Square skeleton tower; 16.	Seasonal.
849.1 <i>H 0071.2</i>	Drunken Harbor Island.	55° 13.3' N 59° 30.3' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	23 7		Square skeleton tower, red rectangular daymark, white band; 16.	Seasonal.
KAIPOKOK BAY:							
849.2 <i>H 0071.34</i>	-W. Turnavik Island.	55° 15.7' N 59° 20.1' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	83 25		Square skeleton tower, green and white rectangular daymark; 16.	Seasonal.
849.3 <i>H 0071.33</i>	-Aillik Islands.	55° 13.5' N 59° 14.3' W	<b>Q.R.</b>	38 12	3	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
849.4 <i>H 0071.3</i>	-Purching Island.	55° 11.1' N 59° 23.0' W	<b>Mo.(A)W.</b> period 6s fl. 0.3s, ec. 0.6s fl. 1s, ec. 4.1s	89 27	5	Square skeleton tower, red and white rectangular daymark; 23.	Seasonal.
849.5 <i>H 0071.27</i>	-Cape Roy.	55° 09.5' N 59° 24.9' W	<b>Fl.R.</b> period 4s fl. 0.5s, ec. 3.5s	77 24	4	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
849.6 <i>H 0071.26</i>	-Long Island, N. head.	55° 08.6' N 59° 22.3' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	72 22	4	Square skeleton tower, green and white rectangular daymark; 16.	Seasonal.
849.7 <i>H 0071.25</i>	-Alkami Island.	55° 00.1' N 59° 34.3' W	<b>Fl.G.</b> period 4s fl. 0.5s, ec. 3.5s	115 35	4	Square skeleton tower, green and white rectangular daymark; 20.	Seasonal.
850 <i>H 0071.24</i>	Postville.	54° 54.4' N 59° 46.0' W	<b>Fl.R.</b> period 4s fl. 0.5s, ec. 3.5s	16 5	4	Mast; 7.	Seasonal.
MAKKOVIK BAY:							
850.3 <i>H 0071.36</i>	-Sisters Island.	55° 13.7' N 59° 07.7' W	<b>L.Fl.W.</b> period 10s fl. 2s, ec. 8s	58 18	6	Square skeleton tower, red and white rectangular daymark; 20.	Seasonal.
850.5 <i>H 0071.45</i>	-Jackos Island.	55° 09.8' N 59° 05.1' W	<b>Mo.(A)W.</b> period 6s fl. 0.3s, ec. 0.6s fl. 1s, ec. 4.1s	61 19	5	Square skeleton tower, red and white rectangular daymark; 20.	Seasonal.
850.8 <i>H 0071.39</i>	-Ikey's Point.	55° 09.0' N 59° 08.6' W	<b>Fl.R.</b> period 4s fl. 0.5s, ec. 3.5s	39 12	4	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
851 <i>H 0071.5</i>	Kidliatuit Island (Ironbound Islands).	55° 12.0' N 58° 45.6' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	470 143	7	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
851.02 <i>H 0071.48</i>	Green Island.	55° 07.8' N 58° 53.6' W	<b>Fl.R.</b> period 4s fl. 0.5s, ec. 3.5s	69 21	4	Square skeleton tower, red and white rectangular daymark; 20.	Seasonal.

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<b>CANADA-LABRADOR COAST</b>							
ADLAVIK ISLANDS:							
851.03 <i>H 0071.54</i>	-Double Island.	55° 04.3' N 58° 54.7' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	233 <b>71</b>	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
851.05 <i>H 0071.53</i>	-Blandford Island.	55° 03.6' N 58° 44.4' W	<b>Q.R.</b>	108 <b>33</b>	4	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
851.07 <i>H 0071.55</i>	-Conical Island.	54° 55.7' N 58° 50.6' W	<b>Fl.R.</b> period 4s fl. 0.5s, ec. 3.5s	100 <b>30</b>	4	Square skeleton tower, red and white square daymark; 23.	Seasonal.
851.1 <i>H 0071.7</i>	Northern Island.	54° 58.9' N 58° 17.7' W	<b>Mo.(A)W.</b> period 6s fl. 0.3s, ec. 0.6s fl. 1s, ec. 4.1s	190 <b>58</b>	5	Square skeleton tower, red and white rectangular daymark; 23.	Seasonal.
851.2 <i>H 0071.9</i>	Double Point.	54° 50.4' N 58° 22.4' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	106 <b>32</b>	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
852 <i>H 0072</i>	Sloop Harbor, N. side of entrance.	54° 34.1' N 57° 09.3' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	67 <b>20</b>	7	Square skeleton tower, red and white rectangular daymark; 12.	Seasonal.
854 <i>H 0071.8</i>	Cape Harrison.	54° 55.5' N 57° 56.5' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	610 <b>186</b>	7	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
855 <i>H 0071.95</i>	Duck Island.	54° 43.7' N 57° 41.4' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	66 <b>20</b>	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
855.1 <i>H 0071.97</i>	Pigeon Island.	54° 40.4' N 57° 29.9' W	<b>Fl.W.</b> period 4s	112 <b>34</b>	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
855.2 <i>H 0071.91</i>	Quaker Hat.	54° 44.2' N 57° 20.6' W	<b>L.Fl.W.</b> period 10s fl. 2s, ec. 8s	118 <b>36</b>	6	Square skeleton tower, red and white rectangular daymark; 15.	Seasonal.
	RACON		<b>Q(- - • -)</b>		10		(3 & 10cm).
855.3 <i>H 0071.98</i>	Holton Island.	54° 37.6' N 57° 16.4' W	<b>Fl.W.</b> period 4s	151 <b>46</b>	5	Red and white square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
856 <i>H 0074</i>	Cut Throat Point.	54° 29.4' N 57° 06.4' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	92 <b>28</b>	7	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
857 <i>H 0073</i>	Run By Guess.	54° 28.0' N 57° 19.4' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	57 <b>18</b>	4	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
858 <i>H 0074.2</i>	East Big Island.	54° 27.2' N 57° 05.6' W	<b>Fl.W.</b> period 3s	157 <b>48</b>	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
860 <i>H 0074.5</i>	Grappling Island.	54° 27.4' N 56° 52.9' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	106 <b>32</b>	6	Square skeleton tower red and white rectangular daymark; 14.	Seasonal.
	RACON		<b>G(- - •)</b>		10		(3 & 10cm).
864 <i>H 0074.7</i>	Herring Islands, on NE. island.	54° 20.2' N 57° 05.5' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	115 <b>35</b>	7	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
868 <i>H 0075</i>	Little Black Island, N. head.	54° 18.4' N 57° 50.1' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	118 <b>36</b>	7	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-LABRADOR COAST</b>							
872 H 0075.5	Big Island, SE. side of island.	54° 17.2' N 58° 02.1' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	39 12	5	Skeleton tower, red and white rectangular daymark; 13.	Seasonal.
873 H 0075.55	Hart Head.	54° 11.7' N 58° 24.6' W	<b>Fl.R.</b> period 4s	23 7	4	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
874 H 0075.65	Rigolet Cove.	54° 10.8' N 58° 25.6' W	<b>Fl.R.</b> period 4s fl. 0.5s, ec. 3.5s	16 5	3	Mast; 7.	Seasonal.
876 H 0075.6	Rigolet Point.	54° 10.7' N 58° 25.6' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	40 12	5	Square skeleton tower; 29.	Seasonal.
880 H 0075.9	Eskimo Island.	54° 03.2' N 58° 33.6' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	18 5	7	Square skeleton tower, red and white rectangular daymark; 13.	Seasonal.
884 H 0075.8	Henrietta Island.	54° 04.2' N 58° 33.6' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	20 6	6	Square skeleton tower, white horizontal band, red rectangular daymark; 16.	Visible 180°. Seasonal.
888 H 0075.7	Snooks Cove.	54° 04.6' N 58° 34.1' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	16 5	6	Square skeleton tower, white horizontal band, red rectangular daymark; 13.	Visible 180°. Seasonal.
892 H 0076	Green Island.	53° 55.6' N 58° 59.6' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	62 19	6	Square skeleton tower, red and white rectangular daymark; 12.	Seasonal.
894 H 0076.2	Long Point.	53° 41.7' N 59° 19.1' W	<b>Fl.W.</b> period 4s	175 53	5	Square skeleton mast, red and white daymark; 12.	Seasonal.
GOOSE BAY:							
896 H 0076.4	-Brule Point Range, front.	53° 26.6' N 59° 56.7' W	<b>Oc.G.</b> period 6s lt. 4s, ec. 2s	26 8	13	Square skeleton tower, white trapezoidal daymark, red stripe; 20.	Seasonal.
900 H 0076.5	--Rear, 88 meters 163°30' from front.	53° 26.5' N 59° 56.7' W	<b>Oc.G.</b> period 6s lt. 4s, ec. 2s	63 19	13	Square skeleton tower, white trapezoidal daymark, red stripe; 20.	Seasonal.
904 H 0077	-Kenamu River Range, front, W. side of entrance.	53° 28.2' N 59° 54.9' W	<b>Oc.G.</b> period 6s lt. 4s, ec. 2s	26 8	13	Square skeleton tower, white trapezoidal daymark, red stripe; 20.	Visible on range line only. Seasonal.
908 H 0077.1	--Rear, about 1518 meters 047°30' from front.	53° 28.8' N 59° 53.8' W	<b>Oc.G.</b> period 6s lt. 4s, ec. 2s	62 19	13	Square skeleton tower, white trapezoidal daymark, red stripe; 62.	Visible on range line only. Seasonal.
910 H 0076.3	<b>Terrington Narrows.</b>	53° 20.6' N 60° 24.1' W	<b>Dir.W.R.G.</b>	34 10	19	Square skeleton tower, red and white rectangular daymark; 33.	F.R. 255°35'-256°55', A.I.R.W.-257°10', F.W.- 257°30', A.I.G.W.-257°45', F.G.-259°05'. Seasonal.
912 H 0078	Packs Harbor, N. side of entrance.	53° 51.5' N 56° 59.4' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	106 32	6	Square rectangular tower, white band, red rectangular daymark; 13.	Seasonal.
913 H 0079.7	Leading Mark Island.	53° 45.5' N 57° 04.1' W	<b>Fl.G.</b> period 4s fl. 0.5s, ec. 3.5s	29 9	4	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
914 H 0079	Cape Horn.	53° 47.7' N 56° 48.3' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	77 23	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
915.2 H 0079.5	Cartwright Wharf.	53° 42.2' N 57° 01.3' W	<b>Fl.R.</b> period 4s fl. 0.5s, ec. 3.5s	11 3	4	Round mast; 7.	Seasonal.

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<b>CANADA-LABRADOR COAST</b>							
916 <i>H 0080</i>	Cape North, NE. extremity.	53° 47.2' N 56° 28.9' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	238 <b>73</b>	7	Square skeleton tower, red and white rectangular daymark; 13.	Seasonal.
920 <i>H 0081</i>	South Wolf Island, NE. head.	53° 41.1' N 55° 54.4' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	289 <b>88</b>	6	Skeleton tower; 45.	Seasonal.
924 <i>H 0082</i>	White Point.	53° 34.7' N 56° 01.7' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	72 <b>22</b>	7	Square skeleton tower, red and white rectangular daymark; 12.	Seasonal.
928 <i>H 0084</i>	Domino Point.	53° 27.7' N 55° 44.5' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	127 <b>39</b>	7	Square skeleton tower, red and white rectangular daymark; 13.	Seasonal.
	RACON		<b>Y(- • - -)</b>		10		(3 & 10cm).
932 <i>H 0085</i>	Roundhill Island, N. point.	53° 26.1' N 55° 36.8' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	218 <b>66</b>	5	Skeleton tower, red daymark, white band; 23.	Seasonal.
933 <i>H 0085.7</i>	Fish Island.	53° 12.8' N 55° 43.5' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	58 <b>18</b>	6	Skeleton tower, red daymark, white band; 16.	Seasonal.
934 <i>H 0085.5</i>	Cod Bag Islets.	53° 25.9' N 55° 44.9' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	108 <b>33</b>	6	Skeleton tower, red daymark, white band; 13.	Seasonal.
936 <i>H 0086</i>	Red Island, entrance to Hawke Bay.	53° 00.6' N 55° 45.8' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	92 <b>28</b>	6	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
938 <i>H 0086.65</i>	Pigeon Island.	52° 43.0' N 55° 51.4' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	39 <b>12</b>	4	Square skeleton tower, green and white rectangular daymark; 20.	Seasonal.
940 <i>H 0086.4</i>	Deepwater Island.	52° 43.6' N 55° 53.8' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	25 <b>8</b>	6	Square skeleton tower, red and white rectangular daymark; 15.	Visible 180°. Seasonal.
944 <i>H 0086.6</i>	Goose Island.	52° 47.6' N 56° 06.3' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	25 <b>8</b>	6	Square skeleton tower, red and white rectangular daymark; 13.	Seasonal.
945 <i>H 0086.7</i>	Twin Islands.	52° 40.3' N 55° 45.0' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	102 <b>31</b>	5	Mast, red and white cylindrical daymark; 10.	Seasonal.
946 <i>H 0086.8</i>	Cape St. Francis.	52° 33.9' N 55° 42.3' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	128 <b>39</b>	2	Red mast, white stripe; 10.	Seasonal.
948 <i>H 0087</i>	Bobbs Island, S. side.	52° 31.0' N 55° 46.0' W	<b>Fl.R.</b> period 3s fl. 0.5s, ec. 2.5s	67 <b>20</b>	4	Square skeleton tower, red and white rectangular daymark; 13.	Seasonal.
ALEXIS RIVER:							
952 <i>H 0089</i>	-Tickle N.-S. Range, front.	52° 32.0' N 56° 10.0' W	<b>Iso.R.</b> period 8s	30 <b>9</b>	11	Square skeleton tower, red vertical stripe, white daymark; 26.	Visible from channel approach only. Seasonal.
956 <i>H 0089.1</i>	--Rear, 135 meters 216°13' from front.	52° 31.8' N 56° 10.1' W	<b>Iso.R.</b> period 8s	49 <b>15</b>	11	Square skeleton tower, red vertical stripe, white daymark; 20.	Visible from channel approach only. Seasonal.
960 <i>H 0088</i>	-Tickle E.-W. Range, front.	52° 32.0' N 56° 10.0' W	<b>Iso.R.</b> period 8s	26 <b>8</b>	11	Square skeleton tower, red vertical stripe, white daymark; 20.	Visible on range line only. Seasonal.
964 <i>H 0088.1</i>	--Rear, 269 meters 106°26' from front.	52° 31.9' N 56° 09.4' W	<b>Iso.R.</b> period 8s	52 <b>16</b>	11	Square skeleton, red vertical stripe, white daymark; 10.	Visible from channel approach only.

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<b>CANADA-LABRADOR COAST</b>							
966 <i>H 0089.5</i>	Spear Point.	52° 26.6' N 55° 38.0' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	128 39	5	Mast, red and white daymark; 7.	Seasonal.
967 <i>H 0089.7</i>	Cape St. Lewis.	52° 22.0' N 55° 38.0' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	134 41	5	Square skeleton tower, red and white rectangular daymark, white band; 16.	Seasonal.
967.2 <i>H 0089.8</i>	Green Island.	52° 17.6' N 55° 41.1' W	<b>Fl.W.</b> period 4s	46 14	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
967.3 <i>H 0091</i>	Killik Island.	52° 16.7' N 55° 35.6' W	<b>Fl.G.</b> period 4s	21 6	4	Square skeleton tower, green and white rectangular daymark; 16.	Seasonal.
968 <i>H 0092</i>	Double Island, off Battle Harbor.	52° 15.3' N 55° 33.4' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	126 38	7	White cylindrical tower, black and white bands; 30.	Seasonal.
972 <i>H 0090</i>	Copper Island, SE. head.	52° 16.0' N 55° 40.0' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	30 9	7	Red and white cylindrical tower, red trapezoidal daymark, white band; 13.	Seasonal.
974 <i>H 0093</i>	Walls Island Point.	52° 13.2' N 55° 36.9' W	<b>Fl.G.</b> period 4s	100 30	4	Square skeleton tower, green and white rectangular daymark; 16.	Seasonal.
976 <i>H 0094</i>	<b>Camp Island.</b>	52° 10.0' N 55° 38.5' W	<b>Fl.W.</b> period 5s fl. 0.2s, ec. 4.8s	137 42	15	White cylindrical tower, red top; 33.	Seasonal. <b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 103°.
980 <i>H 0108</i>	Castle Island.	51° 58.3' N 55° 51.2' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	66 20	6	Square skeleton tower, red and white rectangular daymark; 13.	Seasonal.
BELLE ISLE:							
984 <i>H 0096</i>	<b>-Northeast Point.</b>	52° 00.8' N 55° 16.9' W	<b>Fl.W.</b> period 10s fl. 0.2s, ec. 9.8s	128 39	17	Square skeleton tower, white horizontal band, red rectangular daymark.	Seasonal.
988 <i>H 0102</i>	-S. head. (Upper).	51° 52.8' N 55° 23.0' W	<b>Fl.W.</b> period 20s fl. 1s, ec. 19s	450 137	18	Square skeleton tower, white horizontal band, red rectangular daymark.	Visible 240°-110°30'. Seasonal.
992 <i>H 0104</i>	--(Lower).	51° 52.6' N 55° 23.2' W	<b>Fl.W.</b> period 20s fl. 1s, ec. 19s	163 50	18	Red cylindrical structure.	Seasonal.
1000 <i>H 0110</i>	<b>Red Bay</b> , on Saddle Island.	51° 43.6' N 56° 26.1' W	<b>Fl.W.</b> period 5s	118 36	15	Square skeleton tower; 23.	Seasonal.
1009 <i>H 0112.55</i>	L'Anse au Loup, N. wharf.	51° 31.3' N 56° 49.7' W	<b>Fl.R.</b> period 4s		2	Mast; 7.	
1010 <i>H 0112.6</i>	-S. wharf.	51° 31.0' N 56° 49.7' W	<b>Fl.G.</b> period 4s	16 5	2	Mast; 10.	
FORTEAU BAY:							
1012 <i>H 0114</i>	<b>-Amour Pointe.</b>	51° 27.7' N 56° 51.5' W	<b>Oc.W.</b> period 20s lt. 16s, ec. 4s	152 46	24	White round tower, black band; 108.	Seasonal. <b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 156°.
1016 <i>H 0116</i>	-Forteau.	51° 28.2' N 56° 57.2' W	<b>Fl.Y.</b> period 4s	16 5		Mast; 9.	Seasonal.
1020 <i>H 0122</i>	<b>Blanc Sablon</b> , near Pointe St. Charles Range, front.	51° 25.2' N 57° 07.2' W	<b>F.W.</b>	116 35	19	Square skeleton tower, orange trapezoidal daymark, black stripe; 50.	Visible on range line only.

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<b>CANADA-LABRADOR COAST</b>							
1024 <i>H 0122.1</i>	--Rear, 231 meters from front.	51° 25.3' N 57° 07.0' W	<b>F.W.</b>	186 <b>57</b>	<b>19</b>	Square skeleton tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only.
1028 <i>H 0123</i>	-Wharf.	51° 24.9' N 57° 09.2' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	34 <b>10</b>	9	Mast; 26.	Visible on range line only.

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# Section 2

## Newfoundland

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-NEWFOUNDLAND</b>							
1032 <i>H 0140</i>	<b>Cape Norman.</b>	51° 38.1' N 55° 54.6' W	<b>Fl.(3)W.</b> period 30s fl. 0.5s, ec. 5.5s fl. 0.5s, ec. 5.5s fl. 0.5s, ec. 17.5s	127 39	21	White octagonal tower; 50.	Year round.
1036 <i>H 0138</i>	Schooner Island.	51° 36.4' N 55° 50.4' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	34 10	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
1038 <i>H 0137</i>	Raleigh breakwater.	51° 34.2' N 55° 44.3' W	<b>Fl.R.</b> period 3s			Cylindrical mast; 7.	Seasonal.
1040 <i>H 0136</i>	Quirpon Harbor, NE. point of Jacques Cartier Island.	51° 36.0' N 55° 27.5' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	72 22	6	Square skeleton tower, red and white rectangular daymark; 13.	Seasonal.
1052 <i>H 0132</i>	<b>Cape Bauld.</b>	51° 38.4' N 55° 25.7' W	<b>Fl.W.</b> period 15s fl. 0.5s, ec. 14.5s	177 54	17	Red hexagonal tower; 48.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 009°. Emergency light.
1056	Partridge Point.	51° 35.0' N 55° 25.0' W	<b>Fl.W.</b> period 3s	151 46	7	Square skeleton tower, red and white rectangular daymark; 13.	Seasonal.
1060 <i>H 0736</i>	Griquet Harbor, Cove Point.	51° 32.7' N 55° 27.4' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	54 16	5	Square skeleton tower, red rectangular daymark, white band; 13.	Seasonal.
1064 <i>H 0732</i>	Moores Point.	51° 21.6' N 55° 33.5' W	<b>Fl.W.</b> period 4s	36 11	5	Square skeleton tower, red and white rectangular daymark.	Harbor light only. Seasonal.
1068 <i>H 0730</i>	Fishing Point.	51° 21.4' N 55° 33.3' W	<b>Fl.W.</b> period 10s fl. 0.3s, ec. 9.7s	88 27	17	White square tower, red bands; 33.	Seasonal. <b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 115°18'.
1072 <i>H 0734</i>	-Harbour Rock.	51° 21.5' N 55° 34.2' W	<b>Fl.G.</b> period 4s	16 5	4	Square skeleton tower, green and white rectangular daymark; 13.	Harbor light only. Seasonal.
1076 <i>H 0728</i>	Goose Cove, Mouse Island.	51° 18.5' N 55° 38.5' W	<b>Fl.W.</b> period 4s	30 9	6	Round tower, red and white bands; 13.	Seasonal.
1080 <i>H 0725</i>	Brent Island.	51° 15.4' N 55° 56.0' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	28 9	7	Square skeleton tower, red and white rectangular daymark; 13.	Seasonal.
1084 <i>H 0724</i>	Cailloux Islet.	51° 12.1' N 55° 59.5' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	22 7	3	Square skeleton tower, red and white rectangular daymark; 13.	Seasonal.
1088 <i>H 0726</i>	Main Brook wharf, NE. end.	51° 10.2' N 55° 59.8' W	<b>Fl.R.</b> period 4s	16 5	4	Cylindrical mast; 7.	Seasonal.
1092 <i>H 0721</i>	Cape Fox.	50° 52.0' N 55° 54.0' W	<b>Fl.W.</b> period 3s	193 59	6	Square skeleton tower, red and white rectangular daymark; 13.	Seasonal.
1096 <i>H 0722</i>	Silver Point, S. side of Conche Harbor.	50° 53.1' N 55° 54.0' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	24 7	4	Square skeleton tower, red and white rectangular daymark; 22.	Seasonal.
CANADA BAY:							
1100 <i>H 0718</i>	-White Point, Englee Harbor.	50° 43.3' N 56° 07.0' W	<b>Fl.W.</b> period 4s	50 15	7	Skeleton tower; 12.	Harbor light only. Seasonal.

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1104 <i>H 0718.4</i>	-Englee wharf, head.	50° 44.0' N 56° 06.6' W	<b>Fl.R.</b> period 4s	13	4	Cylindrical mast; 7.	Seasonal.
1108 <i>H 0719</i>	-Bad Rock.	50° 47.1' N 56° 09.7' W	<b>Fl.G.</b> period 4s	15	5	Square skeleton tower, green and white rectangular daymarks; 14.	Seasonal.
-Chimney Bay:							
1112 <i>H 0720</i>	--Roddickton Point wharf, head.	50° 51.8' N 56° 07.9' W	<b>Fl.G.</b> period 4s	13	4	Mast; 6.	Seasonal.
1116 <i>H 0716</i>	Nid Island, W. entrance to Rocky Bay.	50° 42.2' N 55° 38.3' W	<b>Fl.W.</b> period 3s	41	12	Skeleton tower; 14.	Seasonal.
1120 <i>H 0712</i>	Duckbill Point.	50° 35.9' N 56° 12.4' W	<b>Fl.W.</b> period 3s	71	22	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1124 <i>H 0710</i>	Fourche Harbor, on Granite Point.	50° 30.5' N 56° 15.2' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	81	25	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1128 <i>H 0708</i>	Great Harbor Deep, N. side of entrance.	50° 22.7' N 56° 24.2' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	61	19	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1132 <i>H 0707</i>	-Jacksons Arm, N. side of entrance.	49° 51.7' N 56° 45.5' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	66	20	Square skeleton tower, red and white rectangular daymark; 12.	Seasonal.
1136 <i>H 0705</i>	-Sops Arm, on White Point.	49° 45.1' N 56° 49.3' W	<b>Fl.W.</b> period 4s	55	17	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1140 <i>H 0704</i>	-Westport Cove, on point, N. side of cove.	49° 47.3' N 56° 38.4' W	<b>Fl.W.</b> period 4s	33	10	White octagonal tower; 18.	Seasonal.
1144 <i>H 0702</i>	Seal Cove wharf.	49° 56.2' N 56° 23.6' W	<b>Fl.R.</b> period 3s fl. 0.5s, ec. 2.5s	11	3	Mast; 8.	Harbor light. Seasonal.
1148 <i>H 0698</i>	Partridge Point.	50° 09.5' N 56° 09.1' W	<b>Fl.W.</b> period 3s	150	46	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1150 <i>H 0697.7</i>	Fleur de Lis Harbor.	50° 06.9' N 56° 07.2' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	13	4	Cylindrical mast; 6.	Seasonal.
1152 <i>H 0696</i>	Coachman's Harbor, on French Island.	50° 03.2' N 56° 05.7' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	37	11	Square skeleton tower, red square daymark, white stripe; 17.	Seasonal.
1154	Ming's Bight Wharf.	50° 03.7' N 56° 04.6' W	<b>Fl.G.</b> period 4s	11	3	Cylindrical mast; 8.	Seasonal.
1156 <i>H 0693</i>	St. Barbe Islands (Horse Islands).	50° 12.2' N 55° 44.6' W	<b>Fl.W.</b> period 4s	70	21	Skeleton tower, white daymark; 14.	Seasonal.
1160 <i>H 0694</i>	Pacquet Harbor, S. side of entrance.	49° 58.6' N 55° 51.3' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	99	30	Square skeleton tower, red and white rectangular daymark; 15.	Seasonal.
1164 <i>H 0694.5</i>	-NW. end of harbor.	49° 59.4' N 55° 52.5' W	<b>Fl.R.</b> period 4s	11	4	Mast; 7.	Seasonal.
1169 <i>H 0692.4</i>	-Harbor light.	49° 57.7' N 55° 36.2' W	<b>Fl.R.</b> period 4s	13	4	Cylindrical mast; 7.	Seasonal.

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<b>CANADA-NEWFOUNDLAND</b>							
NOTRE DAME BAY:							
1172 <i>H 0686</i>	-Gull Island.	50° 00.0' N 55° 22.3' W	<b>Fl.W.</b> period 10s fl. 0.2s, ec. 9.8s	525 160	17	Square skeleton tower, red rectangular daymark, white stripe; 17.	Seasonal. <b>Horn:</b> 1bl. ev. 30s (bl. 3s, si. 27s).
1176 <i>H 0681</i>	-Nippers Islands, Seal Island, off Nippers Harbor.	49° 47.0' N 55° 50.8' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	111 34	7	Skeleton tower; 26.	Seasonal.
1178 <i>H 0682</i>	-Smiths Harbor, on wharf.	49° 44.4' N 55° 59.1' W	<b>Fl.R.</b> period 4s	10 3	4	Red cylindrical mast; 7.	Seasonal.
1180 <i>H 0683</i>	-Middle Arm Wharf, on outer end of wharf.	49° 42.5' N 56° 05.2' W	<b>Fl.R.</b> period 3s	11 3	4	Triangular skeleton mast; 8.	Seasonal.
1182 <i>H 0682.5</i>	-Jackson's Cove Wharf.	49° 41.2' N 56° 00.2' W	<b>Fl.R.</b> period 4s	13 4	2	Cylindrical mast; 7.	Seasonal.
1184 <i>H 0680</i>	-Springdale Wharf.	49° 30.0' N 56° 03.8' W	<b>Fl.R.</b> period 4s	11 3	4	Mast; 7.	Seasonal.
1185 <i>H 0680.7</i>	-Beachside Wharf.	49° 38.6' N 55° 54.2' W	<b>Fl.R.</b> period 4s	13 4	4	Cylindrical mast; 7.	Seasonal.
1186 <i>H 0674.2</i>	-Pilley's Island Ferry Wharf.	49° 33.8' N 55° 44.7' W	<b>Fl.R.</b> period 4s	13 4	4	Cylindrical mast, yellow and black daymark; 8.	Private light.
1188 <i>H 0679</i>	-Little Bay Island, SE. of Macks Island.	49° 38.1' N 55° 46.3' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	25 8	5	Cylindrical tower, red and white bands; 12.	Seasonal.
1192 <i>H 0679.2</i>	-Macks Island North, on rock N. of Macks Island.	49° 38.5' N 55° 46.9' W	<b>Fl.G.</b> period 4s	16 5	4	Square skeleton tower, green and white rectangular daymark; 14.	Seasonal.
1196 <i>H 0679.3</i>	-Little Bay Islands Wharf, head.	49° 38.5' N 55° 47.3' W	<b>Fl.R.</b> period 4s	11 3	4	Cylindrical mast; 8.	
1198 <i>H 0679.5</i>	-Suley Ann Cove Ferry.	49° 38.0' N 55° 48.4' W	<b>Fl.R.</b> period 4s	10 3	4	Mast; 6.	
1200 <i>H 0677</i>	-Lushes Bight, Government Wharf, head.	49° 35.6' N 55° 43.1' W	<b>Fl.R.</b> period 3s fl. 0.5s, ec. 2.5s	10 3	4	Skeleton tower; 7.	
1204 <i>H 0677.6</i>	--Southern Point.	49° 35.3' N 55° 43.3' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	21 6	5	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1206 <i>H 0680.4</i>	--Little Bay Arm Ferry Wharf.	49° 35.4' N 55° 56.1' W	<b>Fl.R.</b> period 4s	13 4	2	Mast.	
1208 <i>H 0678</i>	-Gull Rock.	49° 41.0' N 55° 42.4' W	<b>Fl.W.</b> period 4s	62 19	5	Square skeleton tower; 46.	Seasonal.
1212 <i>H 0675</i>	-Long Island, head.	49° 35.9' N 55° 35.4' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	103 31	7	Square skeleton tower, red rectangular daymark, white stripe; 31.	Seasonal.
1216 <i>H 0674</i>	-Big Triton Island, NE. corner.	49° 32.8' N 55° 36.7' W	<b>Fl.W.</b> period 4s		5	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1218 <i>H 0674.4</i>	-Roberts Arm.	49° 29.3' N 55° 48.3' W	<b>Fl.R.</b> period 4s	10 3	4	Red cylindrical mast; 8.	Seasonal.
1220 <i>H 0672</i>	-Leading Ticksles.	49° 30.5' N 55° 24.9' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	83 25	6	Square skeleton tower, red rectangular daymark, white stripe; 14.	Seasonal.
1224 <i>H 0671.5</i>	-Leamington Point Wharf, E. head.	49° 20.4' N 55° 23.9' W	<b>Fl.R.</b> period 4s	14 4	4	Cylindrical mast; 7.	Seasonal.

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1228 <i>H 0670.5</i>	-Cottrells Cove Point, W. extremity of point.	49° 28.9' N 55° 18.3' W	<b>Fl.W.</b> period 4s	55 17	5	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.
1236 <i>H 0670</i>	-Fortune Harbor, Bellens Point, W. side of entrance.	49° 32.1' N 55° 14.9' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	114 35	5	Square skeleton tower, red and white rectangular daymark; 14.	
	-Bay of Exploits:						
1240 <i>H 0656</i>	-- <b>Surgeon Cove Point.</b>	49° 31.1' N 55° 07.0' W	<b>Fl.W.</b> period 5s fl. 0.1s, ec. 4.9s	242 74	16	Cylindrical tower, red and white stripes; 14.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 327°48'.
1244 <i>H 0658</i>	--Upper Black Island, islet off NW. point.	49° 24.8' N 55° 08.1' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	55 17	4	Square skeleton tower, red rectangular daymark, white stripe; 14.	
1248 <i>H 0660</i>	--Grovers Point Island.	49° 19.7' N 55° 14.2' W	<b>Fl.R.</b> period 4s		4	Square skeleton tower; 14.	
1252 <i>H 0664</i>	--Grassy Island, summit.	49° 15.6' N 55° 14.1' W	<b>Fl.R.</b> period 4s	38 12	4	Square skeleton tower, white daymark; 12.	
1256 <i>H 0666</i>	--Lower Sandy Point.	49° 12.6' N 55° 17.8' W	<b>Fl.G.</b> period 6s fl. 0.5s, ec. 5.5s	20 6	4	Square skeleton tower, green and white square daymark; 16.	
1260 <i>H 0668</i>	--Mill Point, E. extremity.	49° 08.9' N 55° 20.1' W	<b>Fl.R.</b> period 1.5s fl. 0.5s, ec. 1s	18 5	4	Cylindrical tower, red and white bands; 14.	
1264 <i>H 0652</i>	--Knights Island, near NE. tip, on rock islet.	49° 25.3' N 54° 55.0' W	<b>Fl.W.</b> period 4s	44 13	5	Square skeleton tower, red and white rectangular daymark; 12.	Seasonal.
1268 <i>H 0654</i>	--St. Michaels Island, Burnt Bay.	49° 17.4' N 54° 59.9' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	186 57	5	Skeleton tower, red and white rectangular daymark; 25.	Seasonal.
1268.1 <i>H 0654.5</i>	--Seal Rock.	49° 16.4' N 55° 00.1' W	<b>Fl.G.</b> period 4s		4	Square skeleton tower, green and white square daymark; 12.	Seasonal.
1269 <i>H 0655.15</i>	---Imperial oil pier.	49° 14.5' N 55° 03.4' W	<b>Fl.R.</b> period 4s	10 3		Cylindrical mast.	Private light.
1270 <i>H 0655.1</i>	---C.N.R. pier.	49° 14.9' N 55° 03.0' W	<b>Fl.R.</b> period 6s	12 4		Tower; 7.	Private light.
1271 <i>H 0654.9</i>	---Lewisporte Outer Dolphin, end of breakwater.	49° 14.9' N 55° 03.0' W	<b>Fl.Y.</b> period 4s			Square mast.	Private light.
1272 <i>H 0640</i>	-- <b>Long Point.</b>	49° 41.3' N 54° 48.0' W	<b>Fl.W.</b> period 5s	331 101	16	Red and white rectangular tower; 47.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 356°.
1276 <i>H 0644</i>	--Twillingate Wharf.	49° 39.5' N 54° 46.3' W	<b>Fl.R.</b> period 4s	15 5	4	Cylindrical mast; 7.	Seasonal.
1278 <i>H 0642</i>	---Harbor.	49° 39.3' N 54° 46.0' W	<b>Fl.G.</b> period 4s	20 6	4	Square skeleton tower, green and white square daymark; 14.	Seasonal.
1280 <i>H 0645</i>	--Tickle Point (Shoal Tickle) on S. point of N. island.	49° 38.7' N 54° 46.3' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	49 15	4	Square skeleton tower, green and white rectangular daymark; 16.	Seasonal.
1284 <i>H 0648</i>	--Duck Island.	49° 35.6' N 54° 43.6' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	57 17	6	Square skeleton tower, red bands, white rectangular daymark; 13.	Seasonal.
1288 <i>H 0650</i>	--Moretons Harbor.	49° 35.0' N 54° 51.8' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	59 18	5	Square skeleton tower, white band, red rectangular daymark; 16.	Seasonal.

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1293 H 0651	--Moretons Harbor Wharf.	49° 35.0' N 54° 52.0' W	<b>Fl.R.</b> period 4s	13 4	4	Cylindrical mast; 8.	Seasonal.
1294 H 0651.2	--Pond Island Point.	49° 34.0' N 54° 53.6' W	<b>Fl.R.</b> period 4s		4	Square skeleton tower, red and white square daymark; 14.	
1296 H 0651.6	-Summerford Wharf.	49° 30.0' N 54° 47.0' W	<b>Fl.R.</b> period 3s	12 4	4	Cylindrical mast; 7.	Seasonal.
1300 H 0636	<b>-Bacalhao Island, S. side.</b>	49° 41.2' N 54° 33.4' W	<b>Fl.W.</b> period 10s fl. 0.2s, ec. 9.8s	348 106	17	Cylindrical tower, red and white diagonal stripes; 35.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 331°48'.
1302 H 0635	<b>Bacalhao Island Sector.</b>	49° 41.2' N 54° 33.3' W	<b>Dir.W.R.G.</b>	233 71	23	Square skeleton tower, red rectangular daymark, white stripe; 12.	F.G. 296°- 296°30', Al.W.G.- 297°30', F.W.- 299°30', Al.W.R.- 300°30', F.R.- 301°. On request by keying VHF 3 times in 5 seconds on channel 65A (156.275 MHz). Extinguishes automatically after 1 hour or by keying VHF 5 times in 5 seconds.
1312 H 0638	-Ship Island, E. end.	49° 39.1' N 54° 35.9' W	<b>Fl.W.</b> period 3s	94 29	5	Skeleton tower, white slatwork daymark; 12.	Seasonal.
1316 H 0630	Tickle Point, N. side of entrance to Change Island.	49° 40.1' N 54° 24.8' W	<b>Fl.G.</b> period 5s fl. 1s, ec. 4s	31 9	4	Square skeleton tower, green and white rectangular daymark; 13.	Seasonal.
1320 H 0632	Smoker Island.	49° 36.7' N 54° 27.1' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	35 11	5	Square skeleton tower, red and white rectangular daymark; 17.	
1324 H 0634	Dram Island.	49° 35.2' N 54° 31.8' W	<b>Fl.W.</b> period 4s	33 10	5	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1326 H 0625	Farewell Harbor, ferry wharf.	49° 33.4' N 54° 28.5' W	<b>Fl.R.</b> period 4s	10 3	4	Cylindrical mast; 9.	
1332 H 0626	Change Island, S. head.	49° 34.2' N 54° 24.5' W	<b>Fl.W.</b> period 4s	47 14	5	Skeleton tower, red rectangular daymark, white stripe; 31.	Seasonal.
1333 H 0627	Change Island, SW. Range, front.	49° 34.6' N 54° 24.5' W	<b>Oc.R.</b> period 6s lt. 4s, ec. 2s	39 12	13	Square skeleton tower, white trapezoidal daymark, red stripe; 17.	Visible on range line only.
1334 H 0627.1	-Rear, 91 meters 130°24' from front.	49° 34.5' N 54° 24.5' W	<b>Oc.R.</b> period 6s lt. 4s, ec. 2s	59 18	13	Square skeleton tower, white trapezoidal daymark, red stripe; 15.	Visible on range line only.
1335	Cork Rock.	49° 33.7' N 54° 23.1' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	19 6	6	Square skeleton tower, red and white rectangular daymark; 12.	
1336 H 0624	Steering Island, entrance to Dog Bay.	49° 31.0' N 54° 27.6' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	38 12	5	Square skeleton tower, red rectangular daymark, white stripe; 14.	
1340 H 0628	Ruth Island, E. entrance to Change Island.	49° 40.8' N 54° 22.8' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	35 11	5	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1344 H 0629	Change Island Tickle Range, front.	49° 40.4' N 54° 24.3' W	<b>F.R.</b>	66 20	13	Square skeleton tower, white trapezoidal daymark, red stripe; 31.	Seasonal.
1348 H 0629.1	-Rear, 122 meters 252°45' from front.	49° 40.4' N 54° 24.4' W	<b>F.R.</b>	80 24	13	Square skeleton tower, white trapezoidal daymark, red stripe; 19.	Seasonal.
1352 H 0614	Tilton Harbor, W. side entrance.	49° 42.5' N 54° 04.0' W	<b>Fl.R.</b> period 4s	91 28		Skeleton tower, white daymark; 21.	Seasonal.

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1356 <i>H 0620</i>	Seal Cove, wharf, head.	49° 42.8' N 54° 17.3' W	<b>Fl.R.</b> period 4s		14 4	3 Cylindrical mast; 8.	
FOGO ISLAND:							
1360 <i>H 0618</i>	-Rags Island, E. approach to Fogo Harbor.	49° 43.8' N 54° 15.6' W	<b>Fl.W.</b> period 4s		82 25	5 Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1372 <i>H 0619</i>	-Seal Cove.	49° 42.9' N 54° 17.1' W	<b>Fl.G.</b> period 4s		10 3	3 Cylindrical mast; 8.	Seasonal.
1376 <i>H 0617</i>	-Joe Batts Arm (on Middle Rock).	49° 44.0' N 54° 10.1' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s		20 6	4 Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1380 <i>H 0617.4</i>	--Public Wharf.	49° 43.5' N 54° 09.8' W	<b>Fl.G.</b> period 4s		14 4	4 Cylindrical mast; 8.	Seasonal.
1384 <i>H 0617.5</i>	-Joe Batts Arm Wharf.	49° 44.2' N 54° 10.1' W	<b>Fl.R.</b> period 4s		11 4	3 Cylindrical mast; 8.	Seasonal.
1386 <i>H 0617.6</i>	-Barr'd Island.	49° 43.5' N 54° 11.7' W	<b>Fl.R.</b> period 4s		33 10	4 Cylindrical mast; 7.	Seasonal.
1388 <i>H 0616</i>	-Joe Batts Point.	49° 45.2' N 54° 09.2' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s		95 29	5 Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1390 <i>H 0623.5</i>	-Gappy Island.	49° 46.6' N 54° 16.7' W	<b>Fl.W.</b> period 3s		79 24	5 Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1392 <i>H 0623</i>	-Storehouse Island.	49° 49.1' N 54° 11.1' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s		151 46	6 Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1396 <i>H 0622</i>	-Little Fogo Island.	49° 49.4' N 54° 05.8' W	<b>Fl.W.</b> period 4s		158 48	7 Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1400 <i>H 0612</i>	- <b>Burnt Point</b> , Seldom Cove entrance.	49° 36.1' N 54° 09.5' W	<b>Fl.W.</b> period 6s fl. 0.4s, ec. 5.6s		43 13	16 Square skeleton tower; 31.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 106°.
1402 <i>H 0613</i>	-Seldom Breakwater.	49° 36.6' N 54° 10.9' W	<b>Fl.G.</b> period 4s		11 3	Cylindrical mast; 8.	Seasonal.
1404 <i>H 0608</i>	Tinker Rock, E. of Cann Island.	49° 35.0' N 54° 10.5' W	<b>Fl.W.</b> period 4s		34 10	6 Cylindrical tower, red and white bands; 14.	Seasonal.
1408 <i>H 0607</i>	Seldom Harbor, Cann Island.	49° 35.1' N 54° 11.2' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s		71 22	5 Skeleton tower; 20.	Seasonal.
1410 <i>H 0606.5</i>	-Man O'War Cove.	49° 34.3' N 54° 18.3' W	<b>Fl.G.</b> period 4s		22 7	4 Cylindrical mast; 7.	
1412 <i>H 0605</i>	Blundon's Island, E. side	49° 32.9' N 54° 13.7' W	<b>Fl.W.</b> period 4s		12 4	6 Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1416 <i>H 0606</i>	Seal Rock, Stag Harbor Tickle.	49° 33.3' N 54° 17.8' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s		21 6	5 Square skeleton tower, red and white rectangular daymark; 14.	
1420 <i>H 0601</i>	Grass Islands, on rock.	49° 27.8' N 54° 19.0' W	<b>Fl.W.</b> period 3s		22 7	7 Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1424 <i>H 0599</i>	Carmanville Range, front.	49° 23.5' N 54° 17.1' W	<b>Fl.R.</b>		26 8	13 Square skeleton tower, white trapezoidal daymark, red stripe; 12.	Seasonal.

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1428 <i>H 0599.1</i>	-Rear, about 406 meters 203°30' from front.	49° 23.3' N 54° 17.3' W	<b>F.R.</b>	46 <b>14</b>	13	Square skeleton tower, white trapezoidal daymark, red stripe; 24.	Seasonal.
1432 <i>H 0600</i>	Carmanville Wharf.	49° 24.2' N 54° 16.8' W	<b>Fl.R.</b> period 3s	17 <b>5</b>	5	Cylindrical mast; 10.	Seasonal.
1436 <i>H 0597</i>	Green Island, (Rocky Bay).	49° 26.9' N 54° 13.7' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	32 <b>10</b>	5	Rectangular skeleton tower, red and white rectangular daymark.	Visible 180°.
BONAVISTA BAY:							
1440 <i>H 0584</i>	-Offer Wadham Island.	49° 35.6' N 53° 45.8' W	<b>Fl.W.</b> period 3s	100 <b>30</b>	5	Square skeleton tower, red and white rectangular daymark; 23.	Seasonal.
1444 <i>H 0586</i>	<b>-Peckford Island</b> , SE. point.	49° 31.8' N 53° 51.1' W	<b>Fl.W.</b> period 10s fl. 0.2s, ec. 9.8s	51 <b>16</b>	17	Square skeleton tower, white band, red rectangular daymark; 33.	
1448 <i>H 0596</i>	-Muddy Shag Island.	49° 29.5' N 53° 56.6' W	<b>Fl.W.</b> period 4s	26 <b>8</b>	5	Cylindrical tower, red and white bands; 14.	Seasonal.
1452 <i>H 0591</i>	-Musgrave Harbor, breakwater.	49° 27.5' N 53° 57.4' W	<b>Fl.R.</b> period 3s fl. 0.5s, ec. 2.5s	10 <b>3</b>	4	Mast; 7.	Seasonal.
1460 <i>H 0594</i>	-Muddy Point.	49° 27.4' N 53° 56.5' W	<b>Oc.G.</b> period 6s fl. 4s, ec. 2s	26 <b>8</b>	4	Square skeleton tower, green and white rectangular daymark; 14.	Seasonal.
1464 <i>H 0588</i>	-North Penguin Island, E. head.	49° 27.0' N 53° 48.7' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	47 <b>14</b>	5	Skeleton tower, red and white rectangular daymark; 23.	Seasonal.
1472 <i>H 0582</i>	-Lumsden Range, front.	49° 18.2' N 53° 36.4' W	<b>F.R.</b>	56 <b>17</b>	13	Skeleton tower, white trapezoidal daymark, red stripe; 12.	Seasonal.
1476 <i>H 0582.1</i>	--Rear, 102 meters 236°11' from front.	49° 18.2' N 53° 36.5' W	<b>F.R.</b>	97 <b>30</b>	13	Skeleton tower, white trapezoidal daymark, red stripe; 12.	Seasonal.
1478 <i>H 0583</i>	-Lumsden Breakwater, S. outer end.	49° 18.0' N 53° 35.4' W	<b>Fl.G.</b> period 4s	26 <b>8</b>	4	Mast; 8.	
1479 <i>H 0583.2</i>	-South Tickle.	49° 18.0' N 53° 35.4' W	<b>Fl.R.</b> period 4s	26 <b>8</b>	4	Mast; 8.	
1484 <i>H 0580</i>	-Gull Island, off Cape Freels.	49° 15.4' N 53° 25.8' W	<b>Fl.W.</b> period 3s	77 <b>23</b>	5	Skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1492 <i>H 0578</i>	-Kenny's Rocks.	49° 13.0' N 53° 28.4' W	<b>Fl.W.</b> period 3s	25 <b>8</b>	5	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1496 <i>H 0576</i>	<b>-Cabot Island.</b>	49° 10.5' N 53° 22.1' W	<b>Fl.W.</b> period 10s fl. 0.2s, ec. 9.8s	74 <b>23</b>	17	Octagonal tower, red and white bands; 52.	Seasonal. <b>Horn (2):</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horns point 191° and 341°.
1508 <i>H 0570</i>	-Pound Cove.	49° 10.3' N 53° 31.8' W	<b>Fl.W.</b> period 3s	22 <b>7</b>	5	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1524 <i>H 0566</i>	-Wesleyville Harbor.	49° 08.2' N 53° 33.8' W	<b>Fl.W.</b> period 3s	75 <b>23</b>	5	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1528 <i>H 0567</i>	-Wesleyville wharf, head.	49° 08.6' N 53° 33.8' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	12 <b>4</b>	4	Cylindrical mast; 8.	Seasonal.
1536 <i>H 0563</i>	-Valleyfield Range, front.	49° 06.4' N 53° 36.5' W	<b>F.R.</b>	17 <b>5</b>	11	Square skeleton tower, white trapezoidal daymark, red stripe; 21.	Seasonal.

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1540 <i>H 0563.1</i>	--Rear, about 457 meters 286°30' from front.	49° 06.4' N 53° 36.9' W	<b>F.R.</b>		41 12	Square skeleton tower, white trapezoidal daymark, red stripe; 21.	Seasonal.
1544 <i>H 0563.4</i>	-Candle Cove Rocks.	49° 05.8' N 53° 35.9' W	<b>Fl.W.</b> period 3s		20 6	Square skeleton tower, red and white rectangular daymark; 12.	Seasonal.
1548 <i>H 0563.6</i>	-Valleyfield Wharf.	49° 07.2' N 53° 36.4' W	<b>Fl.G.</b> period 4s		11 3	Mast; 7.	Seasonal.
1552 <i>H 0562</i>	-South Pound Island, Western Shag.	49° 05.6' N 53° 33.4' W	<b>Fl.W.</b> period 4s		59 18	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1556 <i>H 0556</i>	<b>-Puffin Island.</b>	49° 03.7' N 53° 33.1' W	<b>Fl.W.</b> period 5s fl. 0.2s, ec. 4.8s		70 21	Red and white hexagonal tower, white trapezoidal daymark, red band; 16.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s).
1560 <i>H 0558</i>	-Pound Rocks.	49° 04.1' N 53° 33.6' W	<b>Q.R.</b>		26 8	Square skeleton tower, red and white rectangular daymark; 8.	Seasonal.
1564 <i>H 0561</i>	-Greenspond Range, front.	49° 04.0' N 53° 34.0' W	<b>F.R.</b>		19 6	Skeleton tower, white trapezoidal daymark, red stripe; 11.	Visible on range line only. Seasonal.
1568 <i>H 0561.1</i>	--Rear, 61 meters 278°50' from front.	49° 04.1' N 53° 34.1' W	<b>F.R.</b>		26 8	Skeleton tower, white trapezoidal daymark, red stripe; 24.	Visible on range line only. Seasonal.
1572 <i>H 0560</i>	-Scammels Lookout.	49° 04.0' N 53° 34.2' W	<b>Fl.G.</b> period 6s fl. 0.5s, ec. 5.5s		20 6	Cylindrical mast; 11.	Seasonal.
1576 <i>H 0560.2</i>	-Seine Rock.	49° 03.9' N 53° 34.3' W	<b>Fl.R.</b> period 4s		16 5	Square skeleton tower, red and white rectangular daymark; 14.	Seasonal.
1580 <i>H 0555</i>	-Shoe Cove Point, on S. summit.	49° 02.2' N 53° 36.3' W	<b>Fl.W.</b> period 3s		92 28	Square skeleton tower, red and white rectangular daymark; 12.	Seasonal.
1584 <i>H 0554.6</i>	-Fisherman's Wharf.	49° 01.1' N 53° 52.7' W	<b>Fl.R.</b> period 3s		10 3	Cylindrical mast; 7.	Seasonal.
1588 <i>H 0554</i>	-Grindstone, head.	48° 59.0' N 53° 42.5' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s		70 21	Square skeleton tower, red and white rectangular daymark; 15.	Seasonal.
1592 <i>H 0548</i>	-Gooseberry Harbor on Island, close S. of Inner Gooseberry Islands.	48° 52.7' N 53° 37.3' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s		51 16	Cylindrical tower, red and white bands; 16.	Seasonal.
1594 <i>H 0543.5</i>	-Salvage Harbour.	48° 41.5' N 53° 38.7' W	<b>Fl.G.</b> period 4s		19 6	Square skeleton tower, green and white rectangular daymark; 14.	Seasonal.
1595 <i>H 0546</i>	Burnside Ferry, wharf.	48° 42.9' N 53° 47.2' W	<b>Fl.R.</b> period 4s		11 4	Cylindrical mast; 7.	
1598 <i>H 0547.4</i>	-Penneys Cove Ferry, wharf.	48° 50.1' N 53° 41.9' W	<b>Fl.R.</b> period 4s		16 5	Cylindrical mast; 7.	
1600 <i>H 0549</i>	-Hare Cut Point.	48° 52.5' N 53° 39.2' W	<b>Fl.W.</b> period 3s		80 24	Square skeleton tower, red and white rectangular daymark, white band; 15.	Seasonal.
1604 <i>H 0547</i>	-Puffin Flat Island.	48° 47.5' N 53° 36.7' W	<b>Fl.W.</b> period 4s		118 36	Square skeleton tower, red and white rectangular daymark; 13.	Seasonal.
1608 <i>H 0543</i>	-Little Denier Island.	48° 41.1' N 53° 35.4' W	<b>Fl.W.</b> period 3s		298 91	Cylindrical tower, red and white stripes; 25.	Seasonal.
1610 <i>H 0544</i>	-Happy Adventure, on western point of entrance.	48° 37.9' N 53° 45.3' W	<b>Oc.W.</b> period 6s lt. 4s, ec. 2s		41 12	Square skeleton tower; 21.	Seasonal. <b>Whistle:</b> 1 bl. ev. 60s (bl. 5s, si. 55s).

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1612 <i>H 0545</i>	-Happy Adventure Wharf.	48° 37.9' N 53° 46.1' W	<b>Fl.R.</b> period 4s	13 4	4	Mast.	Seasonal.
1620 <i>H 0540</i>	-Kings Cove, N. head.	48° 34.6' N 53° 19.3' W	<b>Fl.W.</b> period 4s	176 54	5	White cylindrical tower; 27.	Seasonal.
1636 <i>H 0538</i>	-Bonavista, breakwater.	48° 39.0' N 53° 07.1' W	<b>Q.R.</b>	18 6	5	Cylindrical mast; 8.	Seasonal.
1640 <i>H 0539</i>	-Long Liner Wharf, seaward end of wharf.	48° 39.0' N 53° 06.8' W	<b>Fl.G.</b> period 4s	9 3		Cylindrical mast; 6.	Seasonal.
1644 <i>H 0536</i>	<b>-Cape Bonavista.</b>	48° 42.1' N 53° 05.1' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	165 50	17	Skeleton tower, red and white rectangular daymark; 42.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 355°.
CATALINA HARBOR:							
1648 <i>H 0526</i>	<b>-Green Island.</b>	48° 30.2' N 53° 02.6' W	<b>Fl.W.</b> period 4s	92 28	15	Red and white octagonal tower; 34.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 115°.
1652 <i>H 0526.5</i>	-Burnt Point.	48° 30.5' N 53° 03.0' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	17 5	6	Square skeleton tower, red and white rectangular daymark; 15.	Seasonal.
1660 <i>H 0527</i>	-Catalina Harbor Outer Range, front.	48° 30.9' N 53° 03.7' W	<b>F.R.</b>	48 15	13	Skeleton tower, red trapezoidal daymark, black stripe; 14.	Visible on range line only. Seasonal.
1664 <i>H 0527.1</i>	--Rear, 66 meters 297°10' from front.	48° 30.9' N 53° 03.8' W	<b>F.R.</b>	75 23	13	Skeleton tower, red trapezoidal daymark, black stripe; 16.	Visible on range line only. Seasonal.
1668 <i>H 0528</i>	-Manuel Island.	48° 30.7' N 53° 04.1' W	<b>Fl.R.</b> period 3s	22 7	4	Red and white cylindrical tower; 13.	Seasonal.
1672 <i>H 0530</i>	-Catalina Harbor Inner Range, front.	48° 30.4' N 53° 04.5' W	<b>F.G.</b>	33 10	14	Skeleton tower, black trapezoidal daymark, red stripe; 23.	Visible on range line only. Seasonal.
1676 <i>H 0530.1</i>	--Rear, 270 meters 252° from front.	48° 30.3' N 53° 04.8' W	<b>F.G.</b>	56 17	14	Skeleton tower, black trapezoidal daymark, red stripe; 16.	Visible on range line only. Seasonal.
1680 <i>H 0531</i>	-Catalina Wharf.	48° 30.9' N 53° 04.5' W	<b>Fl.R.</b> period 3s fl. 0.5s, ec. 2.5s	12 4	4	Cylindrical mast; 8.	Seasonal.
TRINITY BAY:							
1692 <i>H 0522</i>	-Horse Chops, N. side of entrance to Trinity Bay FOG SIGNAL.	48° 21.0' N 53° 12.5' W				On building.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 331°.
1696 <i>H 0520</i>	<b>-Fort Point.</b>	48° 21.9' N 53° 20.8' W	<b>Fl.W.</b> period 5s	78 24	15	Square skeleton tower; 41.	<b>Horn:</b> 1 bl. ev. 20s (bl. 2s, si. 18s). Horn points 133°.
1700 <i>H 0518</i>	-Ragged Islands.	48° 14.5' N 53° 26.5' W	<b>Fl.W.</b> period 4s	111 34	5	Red and white cylindrical tower; 14.	Seasonal.
1702 <i>H 0516.5</i>	-Lower Lance Cove Wharf, N. side of Random Island.	48° 08.8' N 53° 41.8' W	<b>Fl.R.</b> period 4s	11 3	4	Cylindrical mast; 7.	Seasonal.
1704 <i>H 0514</i>	-Motion Island, E. Random, head.	48° 05.7' N 53° 32.7' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	126 38	7	Red and white cylindrical tower; 33.	
1705 <i>H 0513.7</i>	-Lower Harbour Point.	48° 05.6' N 53° 43.7' W	<b>Fl.R.</b> period 4s	24 7	4	Square skeleton tower, red and white rectangular daymark; 15.	Seasonal.
1706 <i>H 0514.5</i>	-Southport, wharf.	48° 02.9' N 53° 38.6' W	<b>Fl.R.</b> period 4s	13 4	4	Cylindrical mast; 7.	Seasonal.
1708 <i>H 0515</i>	-Little Hearts Ease.	48° 00.9' N 53° 41.4' W	<b>Fl.R.</b> period 4s	10 3	4	Cylindrical mast; 7.	Seasonal.

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1711 <i>H 0511.5</i>	-Dildo, head.	47° 34.1' N 53° 34.4' W	<b>Fl.G.</b> period 4s	80 24	4	Square skeleton tower, green and white rectangular daymark; 14.	
1712 <i>H 0512</i>	-Hopeall, head.	47° 38.0' N 53° 33.8' W	<b>Fl.W.</b> period 3s	204 62	5	Square skeleton tower, red square daymark, white band; 14.	Seasonal.
1714 <i>H 0511</i>	-Whiteway Wharf.	47° 41.8' N 53° 28.9' W	<b>Fl.G.</b> period 4s	14 4	4	Cylindrical mast; 9.	
1716 <i>H 0510</i>	-Heart's Content Harbor, Northern Point.	47° 52.9' N 53° 23.1' W	<b>Oc.W.</b> period 6s lt. 4s, ec. 2s	83 25	8	Red and white cylindrical tower; 29.	
1717 <i>H 0510.5</i>	-Heart's Content Wharf.	47° 52.8' N 53° 22.2' W	<b>Q.G.</b>			Cylindrical mast; 7.	
1720 <i>H 0508</i>	-Bloody Point.	47° 54.9' N 53° 21.6' W	<b>Fl.R.</b> period 5s	37 11	9	Triangular skeleton tower, red and white rectangular daymark; 14.	<b>Whistle:</b> 1 bl. ev. 30s (bl. 3s, si. 27s).
1724 <i>H 0506</i>	-Jeans Head.	47° 55.6' N 53° 21.8' W	<b>Fl.W.</b> period 4s	159 48	5	Square skeleton tower, red and white rectangular daymark; 14.	
1728 <i>H 0504</i>	-Hants Harbor, NE. head.	48° 01.3' N 53° 15.3' W	<b>Iso.W.</b> period 6s	65 20	13	Red and white structure; 26.	
1730 <i>H 0504.4</i>	--Breakwater.	48° 01.2' N 53° 15.6' W	<b>Fl.R.</b> period 4s	13 4	4	Mast; 8.	
1732 <i>H 0502</i>	-Old Perlican, on Perlican Island.	48° 05.4' N 53° 01.6' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	126 38	7	Red and white cylindrical tower, red daymark, white band; 22.	
1733 <i>H 0503</i>	--Outer breakwater.	48° 05.2' N 53° 00.6' W	<b>Fl.G.</b> period 3s	13 4	4	Cylindrical mast; 6.	
1733.1 <i>H 0503.2</i>	--Inner breakwater.	48° 05.2' N 53° 00.5' W	<b>Fl.R.</b> period 3s	16 5	4	Cylindrical mast; 6.	
1733.2 <i>H 0503.3</i>	--Sibleys Cove.	48° 02.6' N 53° 06.2' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	15 5	4	Cylindrical mast, red and white diagonal stripes; 7.	Seasonal.
1734 <i>H 0500.5</i>	--Grates Cove.	48° 10.2' N 52° 56.2' W	<b>L.Fl.W.</b> period 10s fl. 2s, ec. 8s	150 46	7	Square skeleton tower, red and white rectangular daymark; 15.	Seasonal.
1735 <i>H 0501</i>	--Wharf.	48° 09.9' N 52° 56.3' W	<b>Fl.R.</b> period 4s	9 3	4	Mast; 8.	
1736 <i>H 0498</i>	Baccalieu Island, near N. point.	48° 09.0' N 52° 47.9' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	577 176	7	Square skeleton tower, red and white rectangular daymark; 63.	Often obscured by fog when the lower part of island is clear.
1740 <i>H 0500</i>	- <b>Baccalieu Island</b> , SW. point.	48° 06.4' N 52° 48.5' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	175 53	15	White structure; 12.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 202°30'.
CONCEPTION BAY:							
1744 <i>H 0494</i>	-Western Bay Head, on point.	47° 53.2' N 53° 03.4' W	<b>Oc.W.</b> period 10s lt. 7.5s, ec. 2.5s	94 29	13	Skeleton tower, red daymark, white band; 22.	
1749 <i>H 0495</i>	-Ochre Pit Cove.	47° 54.7' N 53° 03.9' W	<b>Fl.G.</b> period 4s	12 4	4	Mast; 7.	
1752 <i>H 0490</i>	-Carbonear Island, summit.	47° 44.4' N 53° 09.9' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	178 54	6	Square skeleton tower, red and white rectangular daymark; 12.	

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1756 <i>H 0492</i>	-Carbonear Bay, Government Wharf, head.	47° 44.2' N 53° 13.4' W	<b>Fl.Y.</b> period 5s fl. 1s, ec. 4s	14 4		Cylindrical mast; 9.	
1760 <i>H 0484</i>	-Harbour Grace Islands.	47° 42.7' N 53° 08.5' W	<b>Fl.W.</b> period 4s	136 41	7	Square skeleton tower, red and white rectangular daymark; 12.	
1768 <i>H 0487</i>	-Harbour Grace.	47° 41.4' N 53° 12.9' W	<b>Dir.W.R.G.</b>	21 6	14	Square skeleton tower; 20.	F.R. 234°30'-235°30', Al.W.R.-236°, F.W.-238°, Al.W.G.-238°30', F.G.- 239°30'.
1773 <i>H 0486.2</i>	-Long Beach, S. breakwater.	47° 40.4' N 53° 14.4' W	<b>Fl.R.</b> period 4s		2	Mast; 7.	Seasonal.
1774 <i>H 0486.3</i>	--N. breakwater.	47° 40.4' N 53° 14.4' W	<b>Fl.G.</b> period 4s	11 3	2	Mast; 7.	Seasonal.
1776 <i>H 0483</i>	-SE. end Government Wharf, Bay Roberts.	47° 36.0' N 53° 16.0' W	<b>Fl.R.</b> period 4s	15 5	4	Cylindrical mast; 10.	
1780 <i>H 0482.5</i>	-Bait Rocks, off Coley's Point.	47° 35.4' N 53° 15.2' W	<b>Fl.G.</b> period 4s	20 6	5	Square skeleton tower, green and white rectangular daymark; 14.	
1784 <i>H 0482</i>	-Green Point, entrance to Bay Roberts, S. side.	47° 36.7' N 53° 10.6' W	<b>L.Fl.W.</b> period 10s fl. 2s, ec. 8s	56 17	7	Cylindrical tower, red and white bands; 25.	
1786 <i>H 0480.2</i>	-Port de Grave, W. breakwater.	47° 35.1' N 53° 12.8' W	<b>Fl.G.</b> period 4s	17 5	2	Mast; 9.	
1788 <i>H 0478</i>	-North Head, entrance to Brigus Bay.	47° 32.9' N 53° 10.9' W	<b>Fl.W.</b> period 3s	113 34	7	Cylindrical tower, red and white stripes; 31.	
1792 <i>H 0479</i>	-Brigus Wharf.	47° 32.4' N 53° 12.3' W	<b>Fl.R.</b> period 4s	17 5	4	Triangular skeleton mast; 10.	
1796 <i>H 0475</i>	-Salmon Cove Point, E. point of entrance to Gastiers Bay.	47° 27.8' N 53° 09.0' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	85 26	7	Square skeleton tower, red and white rectangular daymark; 21.	
1800 <i>H 0477</i>	-Conception Harbor.	47° 26.4' N 53° 12.5' W	<b>Fl.R.</b> period 4s	12 4	3	Triangular skeleton mast; 11.	
1804 <i>H 0476</i>	-Ballyhack.	47° 26.8' N 53° 11.5' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	37 11	5	Skeleton mast, red trapezoidal daymark, white band; 16.	
1806 <i>H 0474.42</i>	-Holyrood, wharf, N. head.	47° 26.6' N 53° 06.5' W	<b>F.R.</b>	31 10		Mast. Floodlit.	Private light.
1807 <i>H 0474.4</i>	--S. head.	47° 26.6' N 53° 06.4' W	<b>F.R.</b>	31 10		Mast. Floodlit.	Private light.
1812 <i>H 0474.7</i>	-Holyrood Bay Range, front.	47° 23.3' N 53° 07.7' W	<b>F.R.</b>	27 8	13	Skeleton tower, red trapezoidal daymark, white stripe; 20.	Visible on range line only.
1816 <i>H 0474.71</i>	--Rear, 279.6 meters 183°32' from front.	47° 23.2' N 53° 07.7' W	<b>F.R.</b>	64 20	13	Skeleton tower, red trapezoidal daymark, white stripe; 55.	Visible on range line only.
1820 <i>H 0474</i>	-Long Pond, Manuels, E. breakwater, head.	47° 31.1' N 52° 58.7' W	<b>Fl.G.</b> period 3s	21 6	4	Square skeleton tower, green and white rectangular daymark; 14.	
1824 <i>H 0472</i>	-Portugal Cove.	47° 37.6' N 52° 51.5' W	<b>Iso.G.</b> period 6s	20 6	4	Square skeleton tower, green and white rectangular daymark; 12.	<b>Whistle:</b> 1 bl. ev. 30s (bl. 3s, sl. 27s).
1828 <i>H 0473</i>	--Range, front.	47° 37.5' N 52° 51.4' W	<b>F.G.</b>	33 10	14	Square skeleton tower, white trapezoidal daymark, red stripe; 20.	Visible on range line only.

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<b>CANADA-NEWFOUNDLAND</b>							
1832 <i>H 0473.1</i>	--Rear, 62 meters from front.	47° 37.5' N 52° 51.3' W	<b>F.G.</b>	68 21	14	Square skeleton tower, white trapezoidal daymark, red stripe; 12.	Visible on range line only.
1836 <i>H 0470</i>	<b>-Bell Island.</b>	47° 39.3' N 52° 55.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	173 53	17	White block; 10.	
1840 <i>H 0471</i>	--Ferry wharves.	47° 37.8' N 52° 55.4' W	<b>Iso.R.</b> period 6s	23 7	4	Square skeleton tower, red and white square daymark; 17.	<b>Whistle:</b> 1 bl. ev. 30s. (bl. 3s, si. 27s).
1844 <i>H 0468</i>	<b>Cape St. Francis.</b>	47° 48.5' N 52° 47.2' W	<b>Fl.W.</b> period 5s fl. 0.1s, ec. 4.9s	95 29	16	Octagonal tower on rectangular building; 10.	Visible 084°-316°.
1848 <i>H 0458</i>	<b>-Fort Amherst, S. side of entrance.</b>	47° 33.8' N 52° 40.8' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	132 40	17	White structure; 25.	<b>Horn:</b> 1 bl. ev. 20s (bl. 2s, si. 18s). Horn points 052°.
1852 <i>H 0458.4</i>	-North Head, N. side of entrance.	47° 34.0' N 52° 40.7' W	<b>Fl.R.</b> period 4s	78 24	4	Cylindrical mast; 9.	
1856 <i>H 0460</i>	-Chain Rock.	47° 34.0' N 52° 41.3' W	<b>Fl.R.</b> period 3s	19 6	4	Red and white octagonal tower; 13.	
1860 <i>H 0459</i>	-Range, front, on breastwork between Queen and King wharf.	47° 34.0' N 52° 42.2' W	<b>F.G.</b>	94 29		Red and white skeleton tower, white trapezoidal daymark, red stripe.	Visible on range line only.
1864 <i>H 0459.1</i>	--Rear, about 430 meters 276°07' from front.	47° 34.1' N 52° 42.5' W	<b>F.G.</b>	193 59		White rectangular structure, red diamond in center; 46.	Visible on range line only.
1866.5 <i>H 0462.2</i>	--S. jetty.	47° 33.4' N 52° 42.5' W	<b>F.R.</b>	18 5		Mast; 11.	Private light.
1868 <i>H 0454</i>	<b>Cape Spear.</b>	47° 31.3' N 52° 37.3' W	<b>Fl.(3)W.</b> period 15s fl. 0.4s, ec. 2.6s fl. 0.4s, ec. 2.6s fl. 0.4s, ec. 8.6s	233 71	20	White hexagonal tower; 45.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 109°.
1872 <i>H 0452</i>	Bay Bulls.	47° 18.6' N 52° 44.8' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	197 60	7	White cylindrical tower; 39.	
1874 <i>H 0451</i>	Calvert Wharf.	47° 03.5' N 52° 54.6' W	<b>Fl.R.</b> period 4s	11 3	4	Cylindrical mast; 7.	
1876 <i>H 0450</i>	<b>Ferryland, head.</b>	47° 01.0' N 52° 51.4' W	<b>Fl.W.</b> period 10s fl. 0.2s, ec. 9.8s	190 58	15	Red and white cylindrical tower; 34.	
1880 <i>H 0449</i>	Northern, head.	46° 57.8' N 52° 54.1' W	<b>Fl.W.</b> period 3s	90 27	7	Cylindrical mast; 8.	
1884 <i>H 0448</i>	<b>Bear Cove Point (Fermeuse).</b>	46° 56.4' N 52° 53.6' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	108 33	15	Skeleton tower, red rectangular daymark, white stripe; 10.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 098°. Emergency light.
1904 <i>H 0444</i>	<b>Cape Race.</b>	46° 39.5' N 53° 04.4' W	<b>Fl.W.</b> period 7.5s fl. 0.2s, ec. 7.3s	170 52	27	White cylindrical tower, red top; 68.	<b>Horn:</b> 2 bl. ev. 60s (bl. 3s, si. 3s, bl. 3s, si. 51s). Horn points 135°.
1908 <i>H 0442</i>	<b>Powles, head, Trepassey Harbor.</b>	46° 41.4' N 53° 24.1' W	<b>Fl.W.</b> period 10s fl. 0.2s, ec. 9.8s	101 31	22	Red and white cylindrical tower; 7.	
1912 <i>H 0443</i>	-Trepassey Harbor.	46° 43.5' N 53° 23.0' W	<b>Iso.R.</b> period 6s	18 6	4	Square skeleton tower, red and white rectangular daymark.	
1916 <i>H 0443.2</i>	-Trepassey Wharf.	46° 44.1' N 53° 22.2' W	<b>Fl.R.</b> period 4s	14 4	3	Cylindrical mast; 7.	
1920 <i>H 0440</i>	<b>Cape Pine.</b>	46° 37.0' N 53° 31.9' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	314 96	16	Cylindrical tower, red and white bands; 60.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 159°.

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<b>CANADA-NEWFOUNDLAND</b>							
1924 <i>H 0438</i>	St. Shotts at Eastern Head, FOG SIGNAL.	46° 37.0' N 53° 36.0' W				White square building.	<b>Whistle:</b> 3 bl. ev. 60s (bl. 2s, si. 8s, bl. 2s, si. 8s, bl. 2s, si. 38s). Standby horn.
ST. MARYS BAY:							
1932 <i>H 0436</i>	-La Haye Point, entrance to St. Mary's Harbor.	46° 54.3' N 53° 36.9' W	<b>Fl.W.</b> period 6s fl. 0.4s, ec. 5.6s	62 19	16	Square skeleton tower; 37.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 225°.
1934 <i>H 0435</i>	-St. Mary's Harbor, Riverhead Wharf.	46° 57.8' N 53° 31.3' W	<b>Fl.G.</b> period 4s	14 4	2	Mast; 9.	
1936 <i>H 0434</i>	-Great Colinet Island, on Dalton Point.	47° 01.0' N 53° 41.0' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	66 20	5	Square skeleton tower, red and white square daymark; 14.	
1940 <i>H 0433</i>	-Branch, W. breakwater.	46° 53.0' N 53° 57.0' W	<b>Oc.G.</b> period 6s lt. 4s, ec. 2s	7 2	4	Cylindrical mast; 6.	Seasonal. <b>Whistle:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). In operation 0400-2200 (approx.) each day during foggy weather, later if required by fishermen.
1952 <i>H 0432</i>	<b>Cape St. Mary's.</b>	46° 49.4' N 54° 11.8' W	<b>Fl.W.</b> period 5s	390 119	21	White octagonal tower; 39.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 220°.
1954 <i>H 0429</i>	St. Brides.	46° 55.1' N 54° 10.6' W	<b>Fl.R.</b> period 3s fl. 0.5s, ec. 2.5s	11 3	3	Mast; 7.	Seasonal.
1955 <i>H 0429.5</i>	-Breakwater.	46° 55.1' N 54° 10.7' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	26 8	3	Mast; 7.	Visible 245°-330°. Seasonal.
PLACENTIA BAY:							
-Placentia Harbor:							
1956 <i>H 0430</i>	--St. Brides FOG SIGNAL.	46° 54.9' N 54° 10.7' W				Square skeleton tower.	Seasonal. <b>Whistle:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). In operation 0400-2200 (approx.) each day during foggy weather, later if required by fishermen.
1960 <i>H 0422</i>	--Verde Point.	47° 14.3' N 54° 00.9' W	<b>Fl.W.</b> period 5s	98 30	16	Square skeleton tower, red and white square daymark; 37.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 254°.
1964 <i>H 0424</i>	--Range, front.	47° 14.8' N 53° 57.9' W	<b>F.R.</b>	20 6	13	Square skeleton tower, white trapezoidal daymark, red stripe; 12.	
1968 <i>H 0424.1</i>	---Rear, 59 meters 091°06' from front.	47° 14.8' N 53° 57.8' W	<b>F.R.</b>	28 9	13	Square skeleton tower, white trapezoidal daymark, red stripe; 23.	
-Argentia Harbor:							
2004 <i>H 0410</i>	--Range, front.	47° 17.2' N 53° 59.6' W	<b>F.G.</b>	28 9	14	Square skeleton tower, red trapezoidal daymark, white stripe; 21.	
2008 <i>H 0410.1</i>	---Rear, 233.8 meters 228° from front.	47° 17.1' N 53° 59.7' W	<b>F.G.</b>	51 16	14	Square skeleton tower, red trapezoidal daymark, white stripe; 41.	
2012 <i>H 0400.4</i>	-Shag Rocks.	47° 24.6' N 53° 54.8' W	<b>Fl.W.</b> period 4s	42 13	5	Square skeleton tower, red and white rectangular daymark; 14.	

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2020 <i>H 0394</i>	-Bordeaux Island.	47° 44.5' N 54° 01.9' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	87 27	5	Square skeleton tower, red and white rectangular daymark; 12.	
2021 <i>H 0395.41</i>	-Whiffin Head.	47° 46.2' N 54° 01.2' W	<b>F.R.</b>				Private light.
2021.1 <i>H 0395.42</i>	--Center of pier.	47° 46.4' N 54° 01.0' W	<b>F.Bu.</b>				<b>Fog signal.</b> Private light.
2021.2 <i>H 0395.4</i>	--NE. Pier, head.	47° 46.5' N 54° 00.9' W	<b>4 F.R.</b>				Private light.
2021.3 <i>H 0395.5</i>	--N. pier.	47° 46.4' N 54° 00.7' W	<b>Q.R.</b>				Private light.
2021.4 <i>H 0395.51</i>	--Harbor entrance, E. end.	47° 46.4' N 54° 00.6' W	<b>F.G.</b>				Private light.
2022 <i>H 0395</i>	-Long Beach, jetty, SW. head.	47° 47.8' N 54° 01.2' W	<b>Fl.Y.</b>				Private light.
2022.1 <i>H 0395.2</i>	--Jetty, N. head.	47° 48.1' N 54° 01.1' W	<b>Fl.Y.</b>				Private light.
2024 <i>H 0394.5</i>	<b>--Come by Chance Harbor</b> Range, front.	47° 48.7' N 54° 00.5' W	<b>F.W.</b>	98 30	27	Skeleton tower, red trapezoidal daymark, white stripe; 65.	
2028 <i>H 0394.51</i>	--Rear, 484.3 meters 039°57' from front.	47° 48.9' N 54° 00.2' W	<b>F.W.</b>	202 62	27	Square skeleton tower, red trapezoidal daymark, white stripe; 65.	
2032 <i>H 0390</i>	-North Harbor Point, W. side of entrance to North Harbor.	47° 49.2' N 54° 05.9' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	39 12	5	Square skeleton tower, red and white square daymark; 12.	
2036 <i>H 0392</i>	-Swift Current, wharf.	47° 52.7' N 54° 12.1' W	<b>Fl.R.</b> period 4s	10 3	2	Cylindrical mast; 7.	
2040 <i>H 0388</i>	-Sound Island Point.	47° 47.4' N 54° 10.0' W	<b>Fl.W.</b> period 4s	34 10	5	Skeleton tower, red and white rectangular daymark; 19.	
2042 <i>H 0397.5</i>	-Tobin's Point.	47° 42.8' N 54° 12.4' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	22 7	5	Square mast, red and white rectangular daymark; 15.	
2044 <i>H 0397</i>	-Long Island Point.	47° 41.7' N 54° 04.8' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	50 15	5	Square skeleton tower, red and white rectangular daymark; 15.	
2048 <i>H 0398</i>	-Buffett Island.	47° 31.6' N 54° 03.0' W	<b>Fl.W.</b> period 3s	48 15	5	Square skeleton tower, red and white rectangular daymark; 14.	
2052 <i>H 0399</i>	-Ironsull Rock.	47° 27.5' N 54° 04.5' W	<b>Fl.G.</b> period 6s fl. 0.5s, ec. 5.5s	34 10	4	Square skeleton tower; 25.	
2056 <i>H 0400</i>	-Red Island Harbor, N. side of entrance.	47° 24.0' N 54° 08.7' W	<b>Fl.W.</b> period 3s	52 16	5	Square skeleton tower, red and white rectangular daymark; 16.	
2057 <i>H 0387</i>	-Merasheen Island.	47° 24.2' N 54° 21.8' W	<b>Fl.W.</b> period 4s	61 19	5	Cylindrical mast; 7.	
2058 <i>H 0384</i>	-Little Paradise Point.	47° 21.1' N 54° 34.8' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	29 9	5	Square skeleton tower, red and white rectangular daymark; 14.	
2060 <i>H 0386</i>	<b>-Marticot Island, SE. side.</b>	47° 19.6' N 54° 34.9' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	90 27	17	Square skeleton tower; 37.	Visible 227°-075°. <b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 121°.
2064 <i>H 0382</i>	-Petit Forte Harbor, on E. side of entrance.	47° 23.2' N 54° 39.5' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	39 12	7	Red and white cylindrical tower, red and white daymark; 15.	

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2065 <i>H 0381</i>	--Wharf.	47° 23.8' N 54° 40.1' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	9 3	3	Mast; 10.	
2066 <i>H 0383</i>	-Southeast Bight, wharf.	47° 23.7' N 54° 34.6' W	<b>Fl.R.</b> period 4s fl. 0.5s, ec. 3.5s	13 4	4	Cylindrical mast; 7.	
2068 <i>H 0380</i>	-Long Island, S. point.	47° 17.9' N 54° 42.2' W	<b>Fl.W.</b> period 5s	237 72	5	Skeleton tower; 28.	
2072 <i>H 0379.7</i>	-Oderin Harbor Entrance.	47° 17.7' N 54° 49.3' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	39 12	5	Square skeleton tower, red and white rectangular daymark; 16.	
2076 <i>H 0379.4</i>	-Steering Rock, approach to Baine Harbor.	47° 21.3' N 54° 53.3' W	<b>Fl.G.</b> period 4s	18 5	4	Square skeleton tower, green and white rectangular daymark; 12.	
2080 <i>H 0377</i>	-Collins Island, off the NW. side of Davis Island.	47° 15.9' N 54° 56.7' W	<b>Fl.W.</b> period 4s	39 12	7	Square skeleton tower, white horizontal band, red rectangular daymark; 13.	Seasonal (in place year round).
2084 <i>H 0375</i>	-Red Harbor Head.	47° 16.7' N 54° 58.8' W	<b>Fl.R.</b> period 4s	60 18	4	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal (in place year round).
2092 <i>H 0373</i>	-Go By Point.	47° 08.4' N 55° 05.3' W	<b>Fl.G.</b> period 4s	85 26	4	White and green cylindrical tower; 16.	
2096 <i>H 0372.4</i>	-Duck Rock.	47° 08.6' N 55° 04.7' W	<b>Fl.R.</b> period 4s	22 7	4	Pipe swing pole; 10.	
2100 <i>H 0372</i>	-- <b>Tides Cove Point.</b>	47° 06.4' N 55° 04.3' W	<b>Fl.W.</b> period 6s fl. 0.4s, ec. 5.6s	110 34	16	Square skeleton tower; 37.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 096°.
2104 <i>H 0370</i>	-Iron Island, off entrance to Burin Inlet.	47° 02.4' N 55° 07.3' W	<b>Fl.R.</b> period 4s	118 36	4	Skeleton tower, red and white square daymark; 14.	
2108 <i>H 0368</i>	-Dodding Head, Burin Island.	47° 00.2' N 55° 09.1' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	320 98	6	Square skeleton tower, red and white rectangular daymark; 12.	
2116 <i>H 0367</i>	-Stag Rock.	47° 01.6' N 55° 11.1' W	<b>Fl.R.</b> period 4s	12 4	4	Skeleton tower; 7.	
2120 <i>H 0364</i>	- <b>Little Burin Island.</b>	46° 58.8' N 55° 11.4' W	<b>Fl.W.</b> period 10s fl. 0.2s, ec. 9.8s	85 26	17	Skeleton tower, black and white rectangular daymark.	Visible 122°-040°. <b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 096°.
2124 <i>H 0362</i>	-Corbin Harbor, Long Point, harbor entrance, N. side.	46° 57.3' N 55° 14.0' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	85 26	5	Square skeleton tower, red and white rectangular daymark; 17.	
2128 <i>H 0360</i>	<b>Middle Head,</b> on point.	46° 53.9' N 55° 20.9' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	88 27	17	Square skeleton tower; 31.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 162°.
2136 <i>H 0356</i>	Black Head.	46° 54.3' N 55° 33.6' W	<b>Fl.W.</b> period 3s	190 58	5	Red and white cylindrical tower, red and white trapezoidal daymark; 15.	
LAMALINE HARBOR:							
2140 <i>H 0350</i>	- <b>Alan's Island,</b> Bluff Head.	46° 50.8' N 55° 47.9' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	64 20	16	White tower, red top; 36.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points S.
2144 <i>H 0352</i>	-N. side of harbor Range, front.	46° 52.2' N 55° 48.0' W	<b>F.R.</b>	12 4	13	Skeleton tower, white trapezoidal daymark, red stripe; 12.	Visible on range line only.
2148 <i>H 0352.1</i>	--Rear, 146.3 meters 341°30' from front.	46° 52.3' N 55° 48.0' W	<b>F.R.</b>	30 9	13	Skeleton tower, white trapezoidal daymark, red stripe; 26.	Visible on range line only.

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<b>CANADA-NEWFOUNDLAND</b>							
2156 <i>H 0348</i>	<b>Green Island.</b>	46° 52.8' N 56° 05.1' W	<b>Iso.W.</b> period 10s	149 45	15	Square skeleton tower, red and white rectangular daymark; 23.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 089°.
ILE ST. PIERRE (F):							
2160 <i>H 0332</i>	<b>-Tete de Galantry.</b>	46° 45.9' N 56° 09.2' W	<b>Fl.(2)W.</b> period 10s fl. 0.1s, ec. 2.4s fl. 0.1s, ec. 7.4s	158 48	22	White triangular tower, red top; 59.	<b>Horn:</b> 2 bl. ev. 60s (bl. 2s, si. 3s, bl. 2s, si. 53s).
2172 <i>H 0338</i>	-Rocher Petit St. Pierre.	46° 47.9' N 56° 08.9' W	<b>Fl.W.R.</b> period 2.5s fl. 0.5s, ec. 2s	33 10	W. 9 R. 6	White tower, red band; 39.	W. 189°-059°, R.-189°. 2 F.R. on television post 660m W.
2180 <i>H 0345</i>	--Harbor entrance, S. end.	46° 46.7' N 56° 10.1' W	<b>Fl.(3)G.</b> period 12s	26 8	6	White pylon, green top; 21.	
2181 <i>H 0345.2</i>	--Harbor, E. end.	46° 46.6' N 56° 10.5' W	<b>Fl.G.</b> period 2.5s	13 4	3	Post; 10.	
2184 <i>H 0341</i>	--N. pier, offshore dike, head.	46° 47.1' N 56° 09.7' W	<b>Oc.G.</b> period 4s	20 6	6	Green post; 20.	
2188 <i>H 0341.2</i>	--S. pier, head.	46° 46.9' N 56° 09.8' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	20 6	5	Green post; 20.	Visible 038°30'-190°.
2192 <i>H 0342</i>	--Quai Commerce, S. side of breakwater.	46° 47.2' N 56° 09.8' W	<b>Oc.R.</b> period 4s fl. 3s, ec. 1s		6	White tower, red lantern; 20.	2 F.R. on 3 posts 1.35M W.
2193 <i>H 0343</i>	--Anse a Rodrigue.	46° 47.1' N 56° 10.1' W	<b>Fl.(2)R.</b> period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s		1	Red post; 7.	
ILE MIQUELON (F):							
2208 <i>H 0330</i>	-Pointe Plate, SW. point of Ile Langlade (Petite Miquelon).	46° 49.3' N 56° 24.1' W	<b>Fl.W.R.</b> period 4s fl. 1s, ec. 3s	157 48	W. 12 R. 9	White tower, red top; 141.	R. 155°-163°, W.-155°.
2212 <i>H 0328</i>	<b>-Cap Blanc.</b>	47° 06.3' N 56° 23.9' W	<b>Fl.(3)W.R.</b> period 15s fl. 0.6s, ec. 2.4s fl. 0.6s, ec. 2.4s fl. 0.6s, ec. 8.4s	105 32	W. 22 R. 18	White tower, red top; 62.	R. 036°30'-055°, W.-270°, obsc.-330°, W.-036°30'. Partially obscured by shore 205°-252°.
2216 <i>H 0329</i>	-Miquelon, on wharf extension.	47° 06.2' N 56° 22.6' W	<b>Fl.W.R.G.</b> period 2.5s	33 10	W. 9 R. 6 G. 6	White tower; 26.	G. 345°-225°, W.-251°, R.-283°, obsc.-345°.
FORTUNE BAY:							
2228 <i>H 0325</i>	<b>-Fortune Head.</b>	47° 04.5' N 55° 51.5' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	78 24	15	White skeleton tower, red top; 32.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 326°18'.
2236 <i>H 0324</i>	-Fortune Harbor, E. pier, head.	47° 04.5' N 55° 49.7' W	<b>Fl.G.</b> period 4s	13 4	4	Cylindrical mast; 11.	
2240 <i>H 0323.3</i>	--Western breakwater.	47° 04.6' N 55° 49.7' W	<b>Fl.R.</b> period 4s	16 5	4	Skeleton tower; 11.	
2241 <i>H 0323.4</i>	-Fortune Harbor, Fisherman wharf.	47° 04.4' N 55° 49.8' W	<b>Fl.G.</b> period 4s	11 4		Cylindrical mast; 7.	
2244 <i>H 0320</i>	-Grand Bank breakwater, seaward end.	47° 06.1' N 55° 44.9' W	<b>Fl.R.</b> period 4s	19 6	4	Red cylindrical mast; 10.	

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2248 <i>H 0322</i>	-Grand Bank, E. pier, head.	47° 06.1' N 55° 45.0' W	<b>Q.G.</b>	27 8	5	White octagonal tower, red top; 23.	
2260 <i>H 0321</i>	--West Pier, head.	47° 06.0' N 55° 45.0' W	<b>Q.R.</b>	20 6	4	Cylindrical mast; 10.	
2264 <i>H 0318</i>	-Garnish, S. side of entrance, breakwater, head.	47° 14.2' N 55° 21.5' W	<b>Q.R.</b>	28 8	6	Square skeleton tower, red and white rectangular daymark; 14.	
2265 <i>H 0318.2</i>	-Garnish inner breakwater.	47° 14.1' N 55° 21.5' W	<b>Fl.G.</b> period 4s	11 4	4	Cylindrical mast; 7.	
2268 <i>H 0313</i>	St. Bernards, breakwater.	47° 31.7' N 54° 57.1' W	<b>Fl.R.</b> period 4s	14 4		Cylindrical mast; 7.	
2272 <i>H 0314</i>	-Ragged Point, N. side of entrance to Bay L'Argent.	47° 33.5' N 54° 52.6' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	204 62	9	Square skeleton tower, red and white rectangular daymark; 12.	
2284 <i>H 0310</i>	-Rencontre East, Mal Bay Island, E. head.	47° 37.0' N 55° 12.0' W	<b>Fl.W.</b> period 4s	56 17	7	Square skeleton tower, red and white rectangular daymark; 17.	
2286 <i>H 0309</i>	-Pool's Cove.	47° 40.8' N 55° 25.8' W	<b>Fl.R.</b> period 4s	11 3	2	Mast; 7.	
2288 <i>H 0308</i>	-Belloram Harbor, on Beach Point.	47° 31.7' N 55° 24.5' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	34 10	5	Red and white cylindrical tower, red and white daymark; 23.	
2292 <i>H 0304</i>	<b>-St. Jacques Island</b> , S. hill.	47° 28.4' N 55° 24.4' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	131 40	16	White cylindrical tower; 33.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 270°.
2296 <i>H 0302</i>	-English Harbor West.	47° 27.3' N 55° 29.5' W	<b>Fl.R.</b> period 4s	45 14	5	Square mast, red and white square daymark; 14.	
2300 <i>H 0300</i>	-Boxey Point.	47° 24.2' N 55° 35.1' W	<b>Fl.W.</b> period 3s	57 17	5	Square skeleton tower, red and white rectangular daymark; 14.	
2304 <i>H 0298</i>	-Bull Point, Coomb's Cove, N. side of entrance.	47° 27.4' N 55° 37.9' W	<b>Fl.G.</b> period 4s	33 10	5	Square skeleton tower, red and white rectangular daymark; 12.	
2306 <i>H 0296</i>	-Wreck Cove.	47° 29.8' N 55° 36.5' W	<b>Fl.R.</b> period 4s	14 4	4	Cylindrical mast; 7.	
2312 <i>H 0290</i>	-Brunette Island, Mercer Head, SE. side of island.	47° 15.4' N 55° 52.0' W	<b>Fl.W.</b> period 4s	407 124	7	Square skeleton tower, red and white square daymark; 22.	
2316 <i>H 0294</i>	-Rocky Point, (Harbor Breton).	47° 28.7' N 55° 47.6' W	<b>Fl.W.</b> period 4s	53 16	9	Red and white cylindrical tower, red and white daymark; 25.	
2320 <i>H 0286</i>	Pass Island, summit of island, entrance to Hermitage Bay.	47° 29.4' N 56° 11.8' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	281 86	12	White skeleton tower; 31.	
			<b>Fl.R.</b> period 4s	276 84	4		Visible 298°-077°.
2324 <i>H 0286.1</i>	-Pass Island FOG SIGNAL, SW. end of island.	47° 29.0' N 56° 12.0' W				Skeleton tower, white rectangular daymark, black band.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horns point 259°06'.
HERMITAGE BAY:							
2332 <i>H 0288</i>	-Fox Island.	47° 33.9' N 55° 58.4' W	<b>Fl.W.</b> period 4s	74 23	5	Square skeleton tower, red and white rectangular daymark; 14.	
2336 <i>H 0289</i>	-Gaultois Harbor, on rock W. side of entrance.	47° 36.3' N 55° 54.1' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	18 5	5	Square skeleton tower, green and white rectangular daymark; 15.	

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2340 <i>H 0287</i>	-Tinker Rock.	47° 36.8' N 56° 03.1' W	<b>Fl.W.</b> period 4s	48 15	5	Square skeleton tower, red and white rectangular daymark; 15.	
2344 <i>H 0277</i>	Cape Mark.	47° 44.5' N 55° 52.1' W	<b>Fl.R.</b> period 4s	26 8	4	Square skeleton tower, red and white square daymark; 14.	
2347 <i>H 0282</i>	Day Point.	47° 41.3' N 55° 55.4' W	<b>Fl.W.</b> period 4s	33 10	5	Square skeleton tower, red and white square daymark; 22.	
2348 <i>H 0278</i>	Bay d'Espoir, Roti Point, E. head.	47° 47.4' N 55° 50.5' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	22 7	4	Square skeleton tower, green and white rectangular daymark; 12.	
2349 <i>H 0283</i>	Little Island.	47° 39.6' N 55° 56.1' W	<b>Fl.R.</b> period 4s	34 10	4	Square skeleton tower, red and white square daymark; 22.	
2352 <i>H 0276</i>	<b>Dawson Point.</b>	47° 38.6' N 56° 09.0' W	<b>Fl.W.</b> period 5s	55 17	16	Square skeleton tower, red and white rectangular daymark.	
2356 <i>H 0275</i>	Taylor Island, Salmon Point.	47° 37.0' N 56° 12.0' W	<b>Fl.W.</b> period 4s	72 22	7	Square skeleton tower, red and white rectangular daymark; 14.	
2358 <i>H 0272</i>	New Harbour Island.	47° 35.8' N 56° 39.6' W	<b>Fl.G.</b> period 6s fl. 0.5s, ec. 5.5s	91 28	5	Square skeleton tower, green and white rectangular daymark; 15.	
2360 <i>H 0270</i>	Francois Bay.	47° 33.6' N 56° 44.1' W	<b>Fl.G.</b> period 5s fl. 0.1s, ec. 4.9s	151 46	12	White square tower, green top, dwelling; 15.	Emergency light.
2364 <i>H 0268</i>	Cape La Hune, SW. point.	47° 31.8' N 56° 51.6' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	82 25	4	Square skeleton tower, red and white square daymark; 15.	
2368 <i>H 0266</i>	<b>Penguin Islands</b> , summit of Harbour Island.	47° 23.0' N 56° 58.7' W	<b>Fl.W.</b> period 10s fl. 0.2s, ec. 9.8s	72 22	17	Square skeleton tower, red square daymark, white band; 19.	
2376 <i>H 0265</i>	Grey River Point.	47° 34.5' N 57° 06.9' W	<b>Q.G.</b>	89 27	4	Square skeleton tower, green and white rectangular daymark; 14.	
2380 <i>H 0264</i>	Northwest Head.	47° 30.7' N 57° 24.5' W	<b>Fl.W.</b> period 3s fl. 0.1s, ec. 2.9s	125 38	14	White cylindrical tower, red and white diagonal stripes; 21.	Obscured by Eastern Head Ramea Island. <b>Horn:</b> 1 bl. ev. 30s (bl. 2s, si. 27s). Horn points 237°06'.
2381 <i>H 0264.4</i>	-Ramea.	47° 31.5' N 57° 22.6' W	<b>Fl.R.</b> period 4s	13 4	4	Cylindrical mast; 7.	
2390 <i>H 0263</i>	Bay de Loup Point.	47° 37.3' N 57° 33.6' W	<b>Fl.W.</b> period 4s	74 23	7	Square skeleton tower, red and white rectangular daymark; 16.	
BURGEO ISLANDS:							
2392 <i>H 0260</i>	<b>-Boar Island</b> , summit.	47° 36.4' N 57° 35.2' W	<b>Fl.W.</b> period 5s fl. 0.2s, ec. 4.8s	207 63	15	Skeleton tower; 33.	<b>Horn:</b> 1 bl. ev. 20s (bl. 2s, si. 18s). Horn points 140°12'.
2394 <i>H 0262</i>	-Furber Point, Burgeo Ferry, wharf.	47° 36.3' N 57° 36.5' W	<b>Fl.R.</b> period 4s	13 4	4	Cylindrical mast; 7.	
2395 <i>H 0259</i>	-Rencontre Island.	47° 35.0' N 57° 36.9' W	<b>Fl.W.</b> period 4s	188 57	6	Square skeleton tower, red and white rectangular daymark; 15.	
2396 <i>H 0258</i>	-West Flat Island.	47° 35.1' N 57° 42.4' W	<b>Fl.W.</b> period 4s	35 11	6	Square skeleton tower, red and white rectangular daymark; 15.	

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2400 <i>H 0254</i>	Offer Island, approach to Grand Bruit Harbor.	47° 38.6' N 58° 13.4' W	<b>Fl.W.</b> period 3s	36 11	6	Square skeleton tower, red and white rectangular daymark; 15.	
LA POILE BAY:							
2404 <i>H 0252</i>	-Ireland Island, E. side of entrance to bay.	47° 38.1' N 58° 22.3' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	61 19	7	Square skeleton tower, red and white rectangular daymark; 23.	
2408 <i>H 0250</i>	-Christmas Head, S. of entrance to Little Bay.	47° 40.5' N 58° 23.5' W	<b>Q.G.</b>	39 12	4	Square skeleton tower, green and white rectangular daymark; 15.	
ROSE BLANCHE HARBOR:							
2418 <i>H 0242.5</i>	-Rose Blanche.	47° 36.1' N 58° 41.7' W	<b>Fl.R.</b> period 10s fl. 0.5s, ec. 9.5s	95 29	13	Tower.	
2420 <i>H 0244</i>	-Cains Island.	47° 36.1' N 58° 41.7' W	<b>Fl.R.</b> period 6s fl. 0.5s, ec. 5.5s	6 2	3	Mast.	
BURNT ISLANDS:							
2428 <i>H 0234</i>	-Great Burnt Island, front.	47° 35.8' N 58° 53.5' W	<b>Fr.</b>	53 16	13	Skeleton tower, white trapezoidal daymark, red stripe; 14.	Visible on range line only.
2432 <i>H 0234.1</i>	--Rear, 37 meters 034°25' from front.	47° 35.9' N 58° 53.5' W	<b>Fr.</b>	67 20	13	Skeleton tower, white trapezoidal daymark, red stripe; 14.	Visible on range line only.
2436 <i>H 0238</i>	<b>-Colombier Islands.</b>	47° 35.5' N 58° 53.8' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	60 18	15	Square skeleton tower; 37.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 186°.
2452 <i>H 0232</i>	Ile aux Morts Harbor, W. end of Pitman's Island.	47° 34.8' N 58° 58.8' W	<b>Fl.W.</b> period 3s	30 9	6	Square skeleton tower, red and white rectangular daymark; 18.	
2456 <i>H 0232.4</i>	Ile aux Morts, wharf.	47° 34.9' N 58° 58.8' W	<b>Fl.G.</b> period 3s	12 4	4	Square mast; 8.	
2460 <i>H 0230</i>	Margaree Point.	47° 34.2' N 59° 04.0' W	<b>Fl.W.</b> period 4s	21 6	6	Square skeleton tower, red and white rectangular daymark; 12.	
PORT AUX BASQUES:							
2468 <i>H 0222</i>	<b>-Channel Head.</b>	47° 34.0' N 59° 07.4' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	95 29	17	White cylindrical tower.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 178°.
	<b>-RACON</b>		<b>C(- • - •)</b>		10		(3 & 10cm).
2469 <i>H 0222.4</i>	-Channel Gut Wharf.	47° 34.0' N 59° 07.6' W	<b>Fl.R.</b> period 4s	12 4	2	Mast; 8.	
2472 <i>H 0224</i>	-Graveyard Point, breakwater.	47° 34.4' N 59° 07.8' W	<b>Fl.W.</b> period 4s	30 9	5	Cylindrical mast; 7.	Outer end floodlit.
2476 <i>H 0226</i>	-Pikes Island, breakwater.	47° 34.5' N 59° 07.9' W	<b>Fl.R.</b> period 4s	56 17	5	Triangular mast, red and white rectangular daymark; 33.	
2480 <i>H 0227</i>	-Vardys (Rhode) Island, SW. point.	47° 34.6' N 59° 08.2' W	<b>Fl.R.</b> period 4s	19 6	7	Square skeleton tower, red and white rectangular daymark; 14.	

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2484 <i>H 0223</i>	-Entrance Range, front.	47° 34.8' N 59° 08.5' W	<b>F.G.</b>		127 39	14 Square skeleton tower, red trapezoidal daymark, white stripe; 21.	Visible on range line only.
2488 <i>H 0223.1</i>	--Rear, about 202 meters 300°43' from front.	47° 34.8' N 59° 08.7' W	<b>F.G.</b>		220 67	14 Square skeleton tower, red trapezoidal daymark, white stripe; 22.	Visible on range line only.
2492 <i>H 0220</i>	<b>Cape Ray.</b>	47° 37.3' N 59° 18.2' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s		118 36	17 White octagonal tower, red trapezoidal daymark, white bands; 58.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 224°.
2496 <i>H 0219</i>	Codroy, island, S. head.	47° 52.2' N 59° 24.1' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s		23 7	4 Square skeleton tower, green and white rectangular daymark; 16.	
2504 <i>H 0218</i>	<b>Cape Anquille.</b>	47° 54.1' N 59° 24.7' W	<b>Fl.W.</b> period 5s fl. 0.1s, ec. 4.9s		81 25	15 White octagonal tower; 58.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 289°.
ST. GEORGE'S HARBOR:							
2516 <i>H 0208</i>	-Sandy Point, N. side of harbor.	48° 27.4' N 58° 29.3' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s		35 11	6 Cylindrical tower, red and white bands; 33.	Seasonal.
2520 <i>H 0210</i>	-Flintkote Wharf.	48° 26.6' N 58° 28.5' W	<b>Fl.G.</b> period 4s		21 6	4 Skeleton tower.	Seasonal. Private light.
2524 <i>H 0214</i>	-Public wharf, head.	48° 25.9' N 58° 29.2' W	<b>Fl.Y.</b> period 4s fl. 1s, ec. 3s		10 3	Mast; 9.	Seasonal.
2534 <i>H 0214.2</i>	St. George's Icebreak.	48° 26.1' N 58° 29.6' W	<b>F.G.</b>		11 3	Square tower, red and yellow bands; 4.	Private light.
2535 <i>H 0214.3</i>	-Icebreak, N.	48° 26.2' N 58° 30.0' W	<b>Fl.R.</b> period 3s		17 5	Square tower, yellow and red bands; 4.	Seasonal. Private light.
2536 <i>H 0205</i>	Port Harmon.	48° 30.5' N 58° 32.5' W	<b>Fl.W.</b> period 3s		17 5	5 Cylindrical mast; 8.	
2540 <i>H 0206</i>	-Port Harmon Range, front.	48° 32.0' N 58° 31.4' W	<b>F.G.</b>		140 43	14 Square skeleton mast, red trapezoidal daymark, white stripe; 89.	Visible on range line only.
2544 <i>H 0206.1</i>	--Rear, 244 meters 024° from front.	48° 32.1' N 58° 31.3' W	<b>F.G.</b>		183 56	15 Square skeleton mast, red trapezoidal daymark, white stripe; 89.	Visible on range line only.
2560 <i>H 0202</i>	Red Island, NW. side	48° 33.9' N 59° 13.9' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s		213 65	7 Skeleton tower, white daymark; 22.	
PORT AU PORT BAY:							
2568 <i>H 0196</i>	-Long Point, near extremity.	48° 46.7' N 58° 46.3' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s		48 15	5 Skeleton tower, red slatwork daymark; 36.	
2572 <i>H 0197</i>	-Beach Point Breakwater.	48° 46.0' N 58° 46.9' W	<b>Fl.R.</b> period 4s		14 4	4 Cylindrical mast; 7.	
2576 <i>H 0197.2</i>	-S.	48° 45.9' N 58° 47.0' W	<b>Fl.G.</b> period 4s		14 4	4 Cylindrical mast; 7.	
2580 <i>H 0198</i>	-Broad Cove Point.	48° 45.6' N 58° 37.9' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s		140 43	7 Square skeleton tower, red and white rectangular daymarks; 19.	Seasonal.
2592 <i>H 0201</i>	-Fox Brook.	48° 41.7' N 58° 40.9' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s		7 2	3 Cylindrical mast; 7.	

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2596 <i>H 0195</i>	Shag Island, N. head.	48° 52.1' N 58° 35.3' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	104 32	6	Square skeleton tower, red rectangular daymark, white stripe; 12.	Seasonal.
BAY OF ISLANDS:							
2600 <i>H 0194</i>	-Little Port Head, S. side of entrance.	49° 06.5' N 58° 25.7' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	221 67	5	Square skeleton tower, red and white rectangular daymark; 13.	Seasonal.
2604 <i>H 0192</i>	-South Head.	49° 08.8' N 58° 22.2' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	116 35	6	Red cylindrical tower, white bands; 36.	
2608 <i>H 0190</i>	-White Point.	49° 08.5' N 58° 21.1' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	100 30	6	Skeleton tower, white daymark; 14.	
2616 <i>H 0178</i>	-Eagle Island, S. head.	49° 09.7' N 58° 08.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	109 33	6	Square skeleton tower, red rectangular daymark, white stripe; 12.	Seasonal.
2620 <i>H 0179</i>	-Middle Arm Point.	49° 07.9' N 58° 08.8' W	<b>Fl.W.</b> period 4s	72 22	6	Square skeleton tower, red and white rectangular daymark; 12.	Seasonal.
2624 <i>H 0188</i>	-Woods Island, W. side.	49° 05.7' N 58° 13.3' W	<b>Iso.W.</b> period 4s	36 11	6	Square skeleton tower, red rectangular daymark, white band; 15.	
2628 <i>H 0186</i>	-Frenchman's Head, S. of old tower.	49° 03.4' N 58° 09.5' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	271 83		Skeleton tower, red and white rectangular daymark; 32.	
2632 <i>H 0180</i>	-Meadows Point, on Humber Arm.	48° 59.5' N 58° 03.6' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	67 20	5	Square skeleton tower, green and white rectangular daymark; 30.	Seasonal.
2634 <i>H 0179.5</i>	-Corner Brook, W. breakwater.	48° 57.9' N 58° 01.2' W	<b>Fl.R.</b> period 4s		2	Cylindrical mast.	
2636 <i>H 0175</i>	Trout River, W. entrance point.	49° 28.9' N 58° 08.0' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	80 24	6	Square skeleton tower, red and white rectangular daymark; 13.	
2640 <i>H 0164</i>	Lobster Cove Head, N. side of entrance to Bonne Bay.	49° 36.2' N 57° 57.4' W	<b>Iso.W.</b> period 4s	115 35	12	White lighthouse; 26.	
BONNE BAY:							
2644 <i>H 0168</i>	-Woody Point.	49° 30.3' N 57° 54.9' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	45 14	4	White pyramid tower, red top; 24.	Visible 180°.
2648 <i>H 0169</i>	-Norris Point.	49° 30.9' N 57° 52.8' W	<b>Fl.G.</b> period 4s	25 8	4	Skeleton tower, white rectangular daymark, red stripe; 18.	Seasonal.
2652 <i>H 0170</i>	-Gadds Point.	49° 30.7' N 57° 52.7' W	<b>Fl.W.</b> period 4s	46 14	5	Square skeleton tower, red and white rectangular daymarks; 14.	Seasonal.
2668 <i>H 0156</i>	<b>Keppel Island</b> , NW. point.	50° 37.9' N 57° 19.4' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	120 36	17	Square skeleton tower, red trapezoidal daymark, white band; 37.	Seasonal. <b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 143°.
2680 <i>H 0154</i>	<b>Pointe Riche</b> .	50° 41.8' N 57° 24.7' W	<b>Fl.W.</b> period 5s fl. 0.2s, ec. 4.8s	96 29	15	White octagonal tower, red top; 65.	Seasonal.
2688 <i>H 0152</i>	Port aux Choix, on Querre Island.	50° 43.2' N 57° 20.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	28 8	6	Square skeleton tower, red and white rectangular daymark; 16.	Seasonal.

Many lights of Newfoundland are maintained seasonally (from May to December).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-NEWFOUNDLAND</b>							
2692 H 0152.5	Port au Choix Range, front.	50° 42.2' N 57° 21.5' W	<b>F.R.</b>		68 21	Skeleton tower, red trapezoidal daymark, white stripe; 29.	Seasonal.
2696 H 0152.51	-Rear, 237 meters 224°30' from front.	50° 42.2' N 57° 21.7' W	<b>F.R.</b>		82 25	Skeleton tower, red trapezoidal daymark, white stripe; 31.	Seasonal.
2700 H 0150	White Island, on W. end of islet.	50° 55.8' N 57° 01.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s		31 9	Square skeleton tower, red rectangular daymark, white stripe; 22.	Seasonal.
2704 H 0148	<b>Ferolle Point.</b>	51° 01.4' N 57° 05.7' W	<b>Q.(4)W.</b> period 7.5s fl. 0.2s, ec. 0.8s fl. 0.2s, ec. 0.8s fl. 0.2s, ec. 0.8s fl. 0.2s, ec. 4.3s		91 28	White octagonal tower, red top; 62.	Seasonal. <b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 314°30'.
2714 H 0146.5	Black Duck.	51° 11.8' N 56° 47.9' W	<b>Fl.R.</b> period 4s		13 4	Mast; 10.	Seasonal.
2716 H 0145	St. Barbe Point, S. side of St. Barbe Bay.	51° 12.4' N 56° 46.6' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s		20 6	Skeleton tower, orange daymark; 16.	Seasonal.
2717 H 0145.7	St. Barbe Range, front.	51° 12.5' N 56° 46.1' W	<b>F.G.</b>		30 9	Square skeleton tower, white trapezoidal daymark, black stripe; 20.	Seasonal.
2718 H 0145.71	-Rear, 140 meters 105° from front.	51° 12.5' N 56° 46.0' W	<b>F.G.</b>		43 13	Square skeleton tower, white trapezoidal daymark, black stripe; 13.	Seasonal.
2720 H 0144.5	Anchor Point.	51° 14.0' N 56° 48.0' W	<b>Fl.G.</b> period 4s		23 7	Mast; 8.	Seasonal.
2722 H 0141.7	Savage Cove wharf.	51° 15.5' N 56° 47.4' W	<b>Fl.G.</b> period 4s		12 4	Mast; 9.	Seasonal.
2724 H 0144	Flowers Cove.	51° 17.7' N 56° 44.8' W	<b>Fl.G.</b> period 3s		18 5	Square skeleton tower, green and white rectangular daymark; 16.	Seasonal.
2728 H 0143	-Flowers Cove Range, front.	51° 17.6' N 56° 44.6' W	<b>F.R.</b>		16 5	Skeleton tower, orange trapezoidal daymark, black stripe; 12.	Seasonal.
2732 H 0143.1	--Rear, 114 meters 107° from front.	51° 17.6' N 56° 44.5' W	<b>F.R.</b>		26 8	Skeleton tower, orange trapezoidal daymark, black stripe; 18.	Seasonal.
2736 H 0142	<b>Nameless Point.</b>	51° 18.7' N 56° 44.5' W	<b>Fl.W.</b> period 10s fl. 0.2s, ec. 9.8s		42 13	Square skeleton tower, white rectangular daymark, red band; 30.	Seasonal.
2736.5	Sandy Cove.	51° 20.7' N 56° 40.6' W	<b>Fl.R.</b> period 4s		12 4	Mast; 7.	Seasonal.
2737 H 0141	Green Island Brook.	51° 24.0' N 56° 31.3' W	<b>Fl.R.</b> period 4s		20 6	Cylindrical mast; 10.	Seasonal.
2739 H 0141.2	Green Island Cove.	51° 23.0' N 56° 34.7' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s		10 3	Cylindrical tower; 10.	Seasonal.

Many lights of Newfoundland are maintained seasonally (from May to December).

# Section 3

## North Side of Gulf of St. Lawrence and St. Lawrence River

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-GULF OF ST. LAWRENCE</b>							
2740.5 <i>H 0117</i>	-L'Anse au Clair Wharf.	51° 25.4' N 57° 04.0' W	<b>Fl.G.</b> period 4s fl. 0.5s, ec. 3.5s	16 5	4	Mast; 7.	Seasonal.
2752 <i>H 0124</i>	Bradore Bay Range, front.	51° 29.5' N 57° 15.0' W	<b>Iso.R.</b> period 2s	65 20	12	Square skeleton tower, orange trapezoidal daymark, black stripe; 50.	Visible on range line only. Seasonal.
2756 <i>H 0124.1</i>	-Rear, 96 meters 005°06' from front.	51° 29.5' N 57° 15.0' W	<b>Iso.R.</b> period 2s	103 31	12	Square skeleton tower, orange trapezoidal daymark, black stripe; 15.	Visible on range line only. Seasonal.
2772 <i>H 1890</i>	Whale Island, summit.	51° 21.3' N 57° 41.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	92 28	7	Square skeleton tower; 33.	Seasonal.
BONNE ESPERANCE BAY:							
2776 <i>H 1887</i>	-Baie au Saumon Range, front.	51° 25.8' N 57° 39.2' W	<b>Iso.G.</b> period 2s	68 21	12	Square skeleton tower, orange trapezoidal daymark, black stripe; 50.	Visible on range line only. Seasonal.
2780 <i>H 1887.1</i>	--Rear, 249 meters 349°08' from front.	51° 25.9' N 57° 39.3' W	<b>Iso.G.</b> period 2s	98 30	12	Square skeleton tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only. Seasonal.
2800 <i>H 1889.5</i>	St. Paul River, (Champlain Passage) E. side of S. entrance.	51° 25.2' N 57° 42.0' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	20 6	6	Red and white square skeleton tower; 15.	Seasonal.
2804 <i>H 1889.8</i>	Old Fort Bay, wharf, head.	51° 25.3' N 57° 48.9' W	<b>Fl.Y.</b> period 6s fl. 1s, ec. 5s	28 9	7	Mast; 20.	Seasonal.
2808 <i>H 1890.1</i>	Mermot Island.	51° 19.3' N 57° 50.5' W	<b>Iso.W.</b> period 2s	38 12	7	Square skeleton tower; 23.	
RACON							
			<b>M(- -)</b>			10	(3 & 10cm).
2812 <i>H 1890.2</i>	Mistanoque Island.	51° 15.3' N 58° 12.7' W	<b>Iso.W.</b> period 2s	137 42	6	Square skeleton tower; 21.	Seasonal.
2816 <i>H 1890.42</i>	Northeast Point, outer island.	51° 10.6' N 58° 25.7' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	46 14	7	Square skeleton tower; 22.	
RACON							
			<b>N(- •)</b>			10	(3 & 10cm).
2820 <i>H 1890.44</i>	<b>Northeast Point</b> Range, front.	51° 10.5' N 58° 25.4' W	<b>Fr.R.</b>	32 10	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 16.	Visible on range line only.
2824 <i>H 1890.45</i>	-Rear, 274 meters 269°37' from front.	51° 10.5' N 58° 25.6' W	<b>Fr.R.</b>	63 19	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 16.	Visible on range line only.
2828 <i>H 1890.5</i>	Ile Paul Nadeau SE. extremity.	51° 10.7' N 58° 27.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	44 13	7	Red and white square skeleton tower; 16.	
2829 <i>H 1890.63</i>	St. Augustin Passage.	51° 10.9' N 58° 34.1' W	<b>Fl.Y.</b> period 6s fl. 1s, ec. 5s	30 9	7	Mast; 26.	
2830 <i>H 1890.77</i>	-River mouth.	51° 13.3' N 58° 38.7' W	<b>Fl.Y.</b> period 6s fl. 1s, ec. 5s	75 23	7	Square skeleton tower; 15.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-GULF OF ST. LAWRENCE</b>							
2832 <i>H 1890.6</i>	Tickle Island Range, front.	51° 10.4' N 58° 31.5' W	<b>Iso.G.</b> period 2s	36 11	5	Square skeleton tower, orange trapezoidal daymark, black stripe; 10.	
2836 <i>H 1890.61</i>	-Rear, 624 meters 271°32' from front.	51° 10.4' N 58° 32.1' W	<b>F.G.</b>	122 37	14	Square skeleton tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only.
2837 <i>H 1890.7</i>	Robin Island Range, front.	51° 08.9' N 58° 33.4' W	<b>Iso.R.</b> period 2s	32 10	12	Square skeleton tower, orange trapezoidal daymark, black stripe; 26.	Visible on range line only. Seasonal.
2838 <i>H 1890.71</i>	-Rear, 86 meters 021°11' from front.	51° 09.0' N 58° 33.4' W	<b>Iso.R.</b> period 2s	59 18	12	Square skeleton tower, orange trapezoidal daymark, black stripe; 16.	Visible on range line only. Seasonal.
2839 <i>H 1890.74</i>	<b>Inner Island</b> Range, front.	51° 08.8' N 58° 33.7' W	<b>F.W.</b>	26 8	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 16.	Visible on range line only. Seasonal.
2839.5 <i>H 1890.75</i>	-Rear, 155 meters 242°10' from front	51° 08.7' N 58° 33.8' W	<b>F.W.</b>	77 23	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 30.	Visible on range line only. Seasonal.
2840 <i>H 1894</i>	Ile Plat.	50° 45.2' N 58° 45.3' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	75 23	13	Cylindrical mast; 25.	Seasonal.
2844 <i>H 1890.8</i>	Ile du Guet.	50° 55.8' N 58° 52.7' W	<b>Iso.W.</b> period 2s	105 32	6	Square skeleton tower; 16.	
2848 <i>H 1892</i>	La Boule.	50° 50.2' N 58° 52.5' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	243 74	8	Square skeleton tower; 15.	
2852 <i>H 1891</i>	Ile Cormandiere, summit.	50° 51.5' N 58° 55.9' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	51 15	6	Square skeleton tower; 16.	
2856 <i>H 1891.2</i>	Baie de Tabatiere Outer Range, front.	50° 50.6' N 58° 58.5' W	<b>F.G.</b>	144 44	14	Skeleton tower, orange daymark, black stripe; 102.	Visible on range line only. Operates at night only.
2860 <i>H 1891.3</i>	-Rear, about 157 meters 234°45' from front.	50° 50.6' N 58° 58.6' W	<b>F.G.</b>	167 51	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 15.	Visible on range line only. Operates at night only.
2864 <i>H 1891.5</i>	-Inner Range, front.	50° 50.2' N 58° 58.4' W	<b>F.R.</b>	57 17	14	Square skeleton tower, orange trapezoidal daymark, black stripe; 51.	Visible on range line only.
2868 <i>H 1891.6</i>	--Rear, about 82 meters 193°25' from front.	50° 50.1' N 58° 58.4' W	<b>F.R.</b>	79 24	14	Square skeleton tower, orange trapezoidal daymark, black stripe; 16.	Visible on range line only.
2872 <i>H 1898</i>	Entrance Island, summit.	50° 44.1' N 59° 00.4' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	60 18	8	Square skeleton tower; 21.	
2876 <i>H 1896</i>	<b>Mutton Bay</b> Range, front, W. side of entrance.	50° 46.2' N 59° 02.0' W	<b>F.G.</b>	43 13	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 43.	Visible on range line only. Seasonal.
2880 <i>H 1896.1</i>	-Rear, about 336 meters 322°30' from front.	50° 46.3' N 59° 02.2' W	<b>F.G.</b>	75 23	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only. Seasonal.
2884 <i>H 1899</i>	<b>Whale Head Anchorage</b> Range, Vatcher Island, NW. side, front.	50° 39.7' N 59° 12.0' W	<b>F.W.</b>	30 9	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only.
2888 <i>H 1899.1</i>	-Rear, 110.4 meters 001°08' from front.	50° 39.7' N 59° 12.0' W	<b>F.W.</b>	46 14	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 16.	Visible on range line only.
2892 <i>H 1899.7</i>	Whale Head center Range, front.	50° 39.7' N 59° 14.1' W	<b>F.R.</b>	16 5	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 10.	Visible on range line only.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-GULF OF ST. LAWRENCE</b>							
2896 <i>H 1899.8</i>	-Rear, about 422 meters 293°34' from front.	50° 39.8' N 59° 14.4' W	<b>F.R.</b>	39 <b>12</b>	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only.
2900 <i>H 1899.4</i>	Ile du Grand Rigolet Range, front.	50° 40.8' N 59° 14.5' W	<b>F.G.</b>	28 <b>8</b>	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only.
2904 <i>H 1899.5</i>	-Rear, about 96.4 meters 330°04' from front.	50° 40.8' N 59° 14.6' W	<b>F.G.</b>	66 <b>20</b>	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 10.	Visible on range line only.
2908 <i>H 1899.9</i>	-Wharf, seaward end.	50° 40.8' N 59° 14.4' W	<b>Fl.Y.</b> period 3s fl. 1s, ec. 2s	27 <b>8</b>	6	Square skeleton tower; 20.	
2912 <i>H 1901</i>	Cape Airey, S. end of Cape Island.	50° 28.2' N 59° 27.4' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	59 <b>18</b>	6	Square skeleton tower; 23.	
2916 <i>H 1900</i>	Entry Cliff, S. side of island, N. side of channel to Harrington Harbor.	50° 29.3' N 59° 27.7' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	139 <b>42</b>	8	Square skeleton tower; 33.	
2920 <i>H 1900.4</i>	Entry Island, NW. point of island.	50° 29.6' N 59° 28.1' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	26 <b>8</b>	6	Square skeleton tower; 23.	
2924 <i>H 1902</i>	Harrington Harbor, Entry Passage Range, front.	50° 29.6' N 59° 29.0' W	<b>F.R.</b>	33 <b>10</b>	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 21.	Visible on range line only.
2928 <i>H 1902.1</i>	-Rear, about 189 meters 288°44' from front.	50° 29.6' N 59° 29.2' W	<b>F.R.</b>	49 <b>15</b>	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 14.	Visible on range line only.
2932 <i>H 1904</i>	St. Mary Islands.	50° 18.3' N 59° 39.4' W	<b>Fl.W.</b> period 2.5s fl. 0.1s, ec. 2.4s	144 <b>44</b>	12	Square skeleton tower; 52.	Seasonal.
2936 <i>H 1903</i>	Netagamu River, outer end of wharf.	50° 28.4' N 59° 36.4' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	29 <b>9</b>	5	Square mast; 21.	Seasonal.
2940 <i>H 1906</i>	<b>Cape Whittle.</b>	50° 09.8' N 60° 03.6' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	79 <b>24</b>	15	Square skeleton tower; 51.	Seasonal.
2948 <i>H 1907</i>	Milne Point Range, front.	50° 13.4' N 60° 18.9' W	<b>F.R.</b>	55 <b>17</b>	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 35.	Visible on range line only. Seasonal.
2952 <i>H 1907.1</i>	-Rear, 295 meters 004°40' from front.	50° 13.5' N 60° 18.9' W	<b>F.R.</b>	101 <b>31</b>	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 30.	Visible on range line only. Seasonal.
GETHSEMANI (ROMAINE):							
2956 <i>H 1909</i>	Gethsemani (Romaine) Harbor Channel Range, front.	50° 12.4' N 60° 41.2' W	<b>F.R.</b>	33 <b>10</b>	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only.
2960 <i>H 1909.1</i>	-Rear, about 80 meters 357°21' from front.	50° 12.5' N 60° 41.2' W	<b>F.R.</b>	42 <b>13</b>	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 15.	Visible on range line only.
2968 <i>H 1909.8</i>	-Little Lake Point Range, front.	50° 12.8' N 60° 41.4' W	<b>F.G.</b>	39 <b>12</b>	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only.
2972 <i>H 1909.81</i>	--Rear, 75 meters 013°11' from front.	50° 12.9' N 60° 41.3' W	<b>F.G.</b>	46 <b>14</b>	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 10.	Visible on range line only.
2976 <i>H 1909.7</i>	<b>-Makenzie Point</b> Range, front.	50° 12.8' N 60° 41.8' W	<b>F.Y.</b>	33 <b>10</b>	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 10.	Visible on range line only.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-GULF OF ST. LAWRENCE</b>							
2980 <i>H 1909.71</i>	--Rear, 106 meters 325°45' from front.	50° 12.9' N 60° 41.9' W	<b>F.Y.</b>	43 13	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only.
2988 <i>H 1908</i>	Treble Island, S. side.	50° 10.1' N 60° 41.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	62 19	7	Square skeleton tower; 20.	
2992 <i>H 1911</i>	Kegashka Point.	50° 10.5' N 61° 16.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	46 14	8	Square skeleton tower; 20.	
2994 <i>H 1910.4</i>	-Kegashka Wharf.	50° 11.1' N 61° 15.8' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	26 8	4	Pipe swing pole; 21.	
2996 <i>H 1910</i>	<b>Kegashka Bay</b> Range, front.	50° 11.8' N 61° 15.6' W	<b>F.W.</b>	46 14	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only.
3000 <i>H 1910.1</i>	-Rear, 91 meters 000°30' from front.	50° 11.8' N 61° 15.6' W	<b>F.W.</b>	59 18	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only.
LITTLE NATASHQUAN HARBOR:							
3008 <i>H 1914</i>	-W. end of island at entrance to harbor.	50° 10.9' N 61° 50.6' W	<b>Iso.G.</b> period 2s	46 14	6	Square skeleton tower; 30.	<b>Radar reflector.</b>
3012 <i>H 1918</i>	-Range, front.	50° 11.6' N 61° 50.6' W	<b>F.W.</b>	33 10	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 21.	Visible on range line only.
3016 <i>H 1918.1</i>	--Rear, 91 meters 009°55' from front.	50° 11.6' N 61° 50.6' W	<b>F.W.</b>	56 17	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 30.	Visible on range line only.
3020 <i>H 1922</i>	<b>Aquanish (Goynish)</b> , E. side of river entrance Range, front.	50° 13.1' N 62° 05.0' W	<b>F.G.</b>	36 11	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 16.	Visible on range line only. Seasonal.
3024 <i>H 1922.1</i>	-Rear, 479 meters 330°29' from front.	50° 13.3' N 62° 05.2' W	<b>F.G.</b>	59 18	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 25.	Visible on range line only. Seasonal.
3028 <i>H 1928</i>	<b>Johan Beetz Bay</b> Range, front.	50° 17.0' N 62° 47.9' W	<b>F.Y.</b>	40 12	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 30.	Visible on range line only. Seasonal.
3032 <i>H 1928.1</i>	-Rear, 162.3 meters 043°04' from front.	50° 17.1' N 62° 47.8' W	<b>F.Y.</b>	69 21	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only. Seasonal.
3036 <i>H 1930</i>	-Inner Range, front.	50° 17.0' N 62° 48.6' W	<b>Iso.R.</b> period 2s	25 8	4	Square skeleton tower, orange trapezoidal daymark, black stripe; 15.	Intensified on range line. Seasonal.
3040 <i>H 1930.1</i>	--Rear, 126 meters 319°02' from front.	50° 17.1' N 62° 48.7' W	<b>Iso.R.</b> period 2s	42 13	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 16.	Visible on range line only. Seasonal.
3046 <i>H 1933</i>	La Grande Point.	50° 12.2' N 63° 26.9' W	<b>Fl.Y.</b> period 6s fl. 1s, ec. 5s	36 11	7	Square skeleton tower; 25.	
3048 <i>H 1934</i>	Petite Ile au Marteau.	50° 12.2' N 63° 33.5' W	<b>Fl.W.</b> period 2.5s fl. 0.1s, ec. 2.4s	94 29	12	Square skeleton tower; 84.	Seasonal.
3052 <i>H 1936</i>	Havre-St.-Pierre Range, front.	50° 14.4' N 63° 35.7' W	<b>Iso.G.</b> period 2s	45 14	14	Square skeleton tower, orange daymark, black vertical stripe; 36.	Visible on range line only.
3056 <i>H 1936.1</i>	-Rear, 175 meters 338°30' from front.	50° 14.5' N 63° 35.8' W	<b>Iso.G.</b> period 2s	80 24	14	Skeleton tower, orange daymark, black vertical stripe; 62.	Visible on range line only.
3080 <i>H 1943</i>	-Ile du Fantome Entrance Range, front.	50° 15.4' N 63° 39.3' W	<b>F.G.</b>	32 10	13	Skeleton tower, orange trapezoidal daymark, black stripe; 25.	Visible on range line only.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-GULF OF ST. LAWRENCE</b>							
3084 <i>H 1943.1</i>	--Rear, 295.7 meters 010°04' from front.	50° 15.6' N 63° 39.3' W	<b>F.G.</b>	63 19	13	Skeleton tower, orange trapezoidal daymark, black stripe; 61.	Visible on range line only.
3088 <i>H 1940</i>	<b>-Eskimo Point</b> Range, front.	50° 14.3' N 63° 36.8' W	<b>F.R.</b>	46 14	16	Skeleton tower, orange trapezoidal daymark, black stripe; 40.	Visible on range line only.
3092 <i>H 1940.1</i>	--Rear, 238 meters 096°31' from front.	50° 14.3' N 63° 36.6' W	<b>F.R.</b>	76 23	16	Skeleton tower, orange trapezoidal daymark, black stripe; 59.	Visible on range line only.
3104 <i>H 1944</i>	Ile a Firmin, S. end.	50° 12.2' N 63° 41.2' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	36 11	7	Skeleton tower, orange rectangular daymarks; 26.	
<b>MINGAN HARBOR:</b>							
3108 <i>H 1946</i>	-Eastern entrance range, front.	50° 17.4' N 64° 01.3' W	<b>F.G.</b>	46 14	16	Skeleton tower, orange trapezoidal daymark, black stripe; 40.	Visible on range line only.
3112 <i>H 1946.1</i>	--Rear, 189 meters 287°50' from front.	50° 17.4' N 64° 01.5' W	<b>F.G.</b>	73 22	16	Skeleton tower, orange trapezoidal daymark, black stripe; 65.	Visible on range line only.
3116 <i>H 1950</i>	-Western entrance range, front.	50° 17.4' N 64° 00.7' W	<b>F.G.</b>	23 7	16	Skeleton tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only.
3120 <i>H 1950.1</i>	--Rear, 421 meters 065°47' from front.	50° 17.5' N 64° 00.3' W	<b>F.G.</b>	69 21	16	Skeleton tower, two orange trapezoidal daymarks, black stripe; 50.	Visible on range line only.
3124 <i>H 1958</i>	Iles aux Perroquets.	50° 13.2' N 64° 12.4' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	79 24	12	White octagonal tower, red top; 35.	Visible 292°-269°. Seasonal.
<b>ANTICOSTI ISLAND:</b>							
3130	--AVIATION LIGHT.	49° 05.1' N 61° 42.1' W	<b>Fl.W.</b> period 1.5s fl. 0.2s, ec. 1.3s	420 128	15	Skeleton tower; 403.	
			<b>Fl.W.</b> period 1.5s	223 68	15		
3132 <i>H 1864</i>	-Bagot Bluff, N.W. of South Point.	49° 04.0' N 62° 15.6' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	56 17	7	Square skeleton tower; 50.	
3136 <i>H 1866</i>	-SW. Point, on extremity.	49° 23.5' N 63° 35.7' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	68 21	8	Square skeleton tower; 50.	
3144 <i>H 1870</i>	<b>-Baie Ellis</b> Main Range, front, NW. side of bay.	49° 49.5' N 64° 22.5' W	<b>F.G.</b>	40 12	20	Square skeleton tower, orange trapezoidal daymark, black stripe; 30.	Visible on range line only. Seasonal.
3148 <i>H 1870.1</i>	--Rear, 1042 meters 339°25' from front.	49° 50.0' N 64° 22.8' W	<b>F.G.</b>	88 27	20	Square skeleton tower, orange trapezoidal daymark, black stripe; 50.	Visible on range line only. Seasonal.
3160 <i>H 1878</i>	-West Point.	49° 51.8' N 64° 31.4' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	92 28	13	Skeleton tower; 96.	
3164 <i>H 1882</i>	<b>Cap de Rabast.</b>	49° 57.1' N 64° 08.9' W	<b>Fl.(3)W.</b> period 30s	78 24	17	White octagonal tower; 72.	Operates at night only. Seasonal.
3168 <i>H 1884</i>	-Carleton Point.	49° 43.9' N 62° 56.6' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	126 38	5	White octagonal tower; 40.	
3172 <i>H 1886</i>	-Table Head.	49° 21.1' N 61° 53.8' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	112 34	5	Red and white octagonal tower; 40.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-ST. LAWRENCE ESTUARY, NORTH SIDE</b>							
3176 <i>H 1975</i>	Riviere-au-Tonnere.	50° 16.4' N 64° 47.0' W	<b>F.R.</b>		33 10	Square skeleton tower, two orange and black rectangular daymarks; 23.	Seasonal.
3184 <i>H 1974</i>	-Riviere-au-Tonnerre Range, front.	50° 16.6' N 64° 46.9' W	<b>F.G.</b>		62 19	Square skeleton tower, orange trapezoidal daymark, black stripe; 30.	Visible on range line only. Seasonal.
3188 <i>H 1974.1</i>	--Rear, 119 meters 359°50' from front.	50° 16.6' N 64° 46.9' W	<b>F.G.</b>		84 26	Square skeleton tower, orange trapezoidal daymark, black stripe; 35.	Visible on range line only. Seasonal.
3192 <i>H 1978</i>	Sheldrake, E. of Sheldrake River.	50° 15.8' N 64° 54.5' W	<b>Fl.R.</b> period 6s fl. 2s, ec. 4s		54 16	Square skeleton tower, orange rectangular daymark; 16.	Seasonal.
3196 <i>H 1990</i>	Ile de Corossol.	50° 05.3' N 66° 22.6' W	<b>Fl.W.</b> period 2.5s fl. 0.1s, ec. 2.4s			12 Skeleton tower; 60.	
BAY OF SEVEN ISLANDS:							
3200 <i>H 1994</i>	-Sept-Iles Range, front.	50° 11.7' N 66° 22.6' W	<b>Iso.G.</b> period 2s		56 17	Cylindrical mast, white diamond slatwork daymark; 69.	Visible on range line only. Private light.
3204 <i>H 1994.1</i>	--Rear, about 280.2 meters 098°29' from front.	50° 11.7' N 66° 22.4' W	<b>Iso.G.</b> period 2s		118 36	Cylindrical mast, white diamond slatwork daymark; 79.	Visible on range line only. Private light.
3208 <i>H 1994.2</i>	--Wharf, head.	50° 12.4' N 66° 23.5' W	<b>Iso.G.</b> period 2s		44 13	Skeleton tower; 40.	Operates at night only.
3209 <i>H 1994.3</i>	--Marina breakwater, head.	50° 12.1' N 66° 23.2' W	<b>Iso.Bu.</b> period 2s		16 5	Pyramidal tower; 7.	Operates at night only. Private light.
3209.5 <i>H 1994.34</i>	---Elbow.	50° 12.2' N 66° 23.3' W	<b>F.W.</b>		16 5	Pyramidal tower; 7.	Private light.
3211 <i>H 1994.37</i>	--Fishing Harbor.	50° 11.9' N 66° 23.0' W	<b>Iso.G.</b> period 2s		12 4	Mast.	Operates at night only.
3212 <i>H 1994.4</i>	--Imperial Oil Wharf.	50° 11.8' N 66° 22.9' W	<b>Iso.W.</b> period 6s		36 11	Mast, orange rectangular daymark; 26.	Private light.
			<b>Iso.R.</b> period 2s		28 9		
			<b>Iso.R.</b> period 2s		26 8		
3216 <i>H 1991</i>	-West Rocks.	50° 07.3' N 66° 26.0' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s		39 12	Square skeleton tower; 20.	Operates at night only.
3220 <i>H 1992</i>	-Pointe a la Chasse.	50° 07.6' N 66° 27.1' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s		39 12	Square skeleton tower; 20.	Operates at night only.
3224 <i>H 1992.5</i>	-Pointe au Corbeau.	50° 09.0' N 66° 25.5' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s		56 17	Square skeleton tower, orange rectangular daymark; 20.	Operates at night only.
3228 <i>H 1993</i>	-Ile Grande-Basque.	50° 09.2' N 66° 22.6' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s		39 12	Square skeleton tower; 20.	Operates at night only.
3234 <i>H 1994.6</i>	--Range, front.	50° 11.3' N 66° 22.2' W	<b>Iso.Y.</b> period 2s		36 11	Mast; 33.	Visible on range line only. Private light.
3234.1 <i>H 1994.61</i>	--Rear, 495.8 meters 122°44' from front.	50° 11.2' N 66° 21.9' W	<b>Iso.Y.</b> period 2s		78 24	Cylindrical mast between two piles, orange diamond slatwork daymark; 72.	Visible on range line only. Private light.
3244 <i>H 1997.4</i>	--Range, front (center of wharf).	50° 09.9' N 66° 28.9' W	<b>Iso.Y.</b> period 2s		62 19	Building; 49.	Visible on range line only. Private light.
3248 <i>H 1997.41</i>	---Rear, 173.3 meters 179°59' from front.	50° 09.8' N 66° 28.9' W	<b>Iso.Y.</b> period 2s		87 27	Building.	Visible on range line only. Private light.

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<b>CANADA-ST. LAWRENCE ESTUARY, NORTH SIDE</b>							
3249 H 1997.5	Pointe Noire.	50° 09.8' N 66° 29.2' W	<b>Dir.W.R.G.</b>			Skeleton tower.	F.R. 202°42'-206°57', Al.W.R.-210°57', F.W.- 216°57', Al.W.G.-220°57', F.G.-225°12'. Private light.
3249.5 H 1997.6	-Ore Wharf terminal.	50° 09.9' N 66° 29.2' W	<b>F.I.R.</b> period 4s	17 5	6	Black cylindrical mast; 8.	Private light.
3250 H 1997.8	--Anse a Brochu Range, front.	50° 09.4' N 66° 27.7' W	<b>Iso.R.</b> period 2s			Cylindrical mast, red daymark, white stripe.	Visible on range line only. Private light.
3251 H 1997.81	---Rear, about 270 meters 192°30' from front.	50° 09.6' N 66° 27.6' W	<b>Iso.R.</b> period 2s			Silo, red trapezoidal daymark, white stripe.	Visible on range line only. Private light.
3256 H 2002	Port Cartier Range, front.	50° 02.2' N 66° 46.8' W	<b>F.G.</b>	166 51		Skeleton tower, yellow diamond daymark, black cross.	Visible on range line only. Private light.
3260 H 2002.1	-Rear, 494.7 meters 016°30' from front.	50° 02.4' N 66° 46.7' W	<b>F.G.</b>	290 88		Skeleton tower, orange rectangular daymark, black stripe; 76.	Visible on range line only. Private light.
3264 H 2000	Port Cartier Entrance, E.	50° 01.7' N 66° 46.9' W	<b>F.I.R.</b> period 3s fl. 0.5s, ec. 2.5s	41 12	6	Mast; 16.	<b>Whistle:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Private light. <b>Radar reflector.</b>
			<b>F.I.R.</b> period 2s				
3268 H 2001	-W.	50° 01.7' N 66° 47.1' W	<b>F.I.G.</b> period 3s fl. 0.5s, ec. 2.5s	40 12	6	Mast; 16.	Private light. <b>Radar reflector.</b>
3272 H 1999	<b>Quebec Rayonier</b> Range, front.	50° 01.1' N 66° 48.9' W	<b>F.W.</b>	31 10	19	Triangular skeleton tower, orange slatwork trapezoidal daymark, black stripe; 24.	Visible on range line only. Private light.
3276 H 1999.1	-Rear, 369 meters 005°25' from front.	50° 01.3' N 66° 48.9' W	<b>F.W.</b>	63 19	19	Triangular skeleton tower, orange slatwork trapezoidal daymark, black stripe; 34.	Visible on range line only. Private light.
3280 H 2010	Ile du Grand Caouis, near S. point.	49° 49.6' N 67° 00.4' W	<b>F.I.W.</b> period 6s fl. 1s, ec. 5s	148 45	8	White octagonal tower, red top; 46.	Operates at night only.
3298 H 2027	Godbout Wharf, on new ferry wharf.	49° 19.4' N 67° 35.5' W	<b>Iso.R.</b> period 2s	37 11	4	Square skeleton tower; 23.	Operates at night only. Private light.
3304 H 2050	Pointe St. Pancrace, extremity of point, E. side of entrance to Baie des Anglais.	49° 15.2' N 68° 04.7' W	<b>F.I.W.</b> period 6s fl. 1s, ec. 5s	83 25	8	Square skeleton tower, two orange rectangular daymarks; 35.	Operates at night only.
3308 H 2050.5	Baie des Anglais Range, front, on point, N. end of bay.	49° 16.1' N 68° 07.7' W	<b>F.G.</b>	89 27		Skeleton tower, orange trapezoidal daymark, black stripe; 51.	Visible on range line only. Private light.
3312 H 2050.6	-Rear, 220 meters 312°19' from front.	49° 16.2' N 68° 07.9' W	<b>F.G.</b>	125 38		Skeleton tower, orange square daymark, black stripe; 10.	Visible on range line only. Private light.
3316 H 2051	Anse du Moulin Range, front.	49° 15.3' N 68° 08.1' W	<b>F.R.</b>	119 36		Mast, white trapezoidal daymark, red stripe.	Visible on range line only. Operates at night only. Private light.
3320 H 2051.1	-Rear, 229 meters 237°18' from front.	49° 15.2' N 68° 08.2' W	<b>F.R.</b>	221 67		Square skeleton tower, white trapezoidal daymark, red stripe; 13.	Visible on range line only. Operates at night only. Private light.
3321 H 2052	Anse du Moulin Entrance Range, front.	49° 14.9' N 68° 08.3' W	<b>F.I.R.</b> period 3.5s fl. 0.6s, ec. 2.9s	112 34		Tank, orange square daymark, white stripe.	Private light.
3322 H 2052.1	-Rear, 182 meters 239°17' from front.	49° 14.8' N 68° 08.4' W	<b>Iso.R.</b> period 6s	196 60		Concrete base, orange square daymark, white stripe.	Visible on range line only. Private light.
3324 H 2054	<b>Baie Comeau.</b>	49° 14.2' N 68° 07.7' W	<b>F.I.R.</b> period 6s fl. 1s, ec. 5s	41 12	17	Skeleton tower; 33.	

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<b>CANADA-ST. LAWRENCE ESTUARY, NORTH SIDE</b>							
3325 H 2055	-Ferry.	49° 14.1' N 68° 07.9' W	<b>F.R.</b>	17 5	7	Square tower; 10.	Operates at night only. Private light.
OUTARDES BAY:							
3336 H 2056	<b>-Pointe de Manicouagan.</b>	49° 06.1' N 68° 11.6' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	118 36	20	Skeleton tower; 100.	<b>Radar reflector.</b>
	-RACON		<b>X(- • • -)</b>		10		(3 & 10cm).
3348 H 2063	Cape Colombier.	48° 49.2' N 68° 52.6' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	79 24	7	Skeleton tower; 33.	
FORESTVILLE:							
3360 H 2064	--Pointe Rocheuse, on hill E. of harbor.	48° 44.4' N 69° 02.9' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	66 20	8	Square skeleton tower; 52.	
3364 H 2066	<b>-Forestville Range, front.</b>	48° 44.2' N 69° 03.8' W	<b>F.G.</b>	58 18	16	Square skeleton tower, orange rectangular daymark, black stripe; 20.	Visible on range line only. Seasonal.
3368 H 2066.1	--Rear, 241 meters 261°33' from front.	48° 44.1' N 69° 03.9' W	<b>F.G.</b>	105 32	16	Red and white square skeleton tower, orange rectangular daymark, black stripe; 16.	Visible on range line only. Seasonal.
LES ESCOUMINS:							
3380 H 2088	-Wharf, head.	48° 20.8' N 69° 23.4' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	40 12	6	On superstructure; 34.	Operates at night only. Seasonal. Private light. <b>Radar reflector.</b>
3388 H 2090	<b>-Anse aux Basques Range, front.</b>	48° 19.1' N 69° 24.8' W	<b>F.R.</b>	22 7	16	Red and white square skeleton tower, orange trapezoidal daymark, black stripe; 15.	Visible on range line only.
3392 H 2090.1	--Rear, 69 meters 301°48' from front.	48° 19.1' N 69° 24.9' W	<b>F.R.</b>	40 12	16	Red and white square skeleton tower, orange trapezoidal daymark, black stripe; 15.	Visible on range line only.
3396 H 2093	<b>Bon Desir.</b>	48° 16.3' N 69° 28.1' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	152 46	18	White octagonal tower, red top; 47.	
3432 H 2104	<b>Ile Rouge.</b>	48° 04.2' N 69° 33.3' W	<b>Fl.W.</b> period 10s fl. 0.3s, ec. 9.7s	65 20	16	Cylindrical tower; 66.	
3436 H 2106	<b>Haut-fond Prince.</b>	48° 06.5' N 69° 36.9' W	<b>Fl.W.</b> period 2.5s fl. 0.1s, ec. 2.4s	83 25	18	Cylindrical tower; 82.	Operates at night only. <b>Horn (3):</b> 1 bl. ev. 20s. Horns point 045°, 180° and 288°, sound alternately. Fog signal activated remotely on chan. 69 (156.475MHz). Mariners requiring signal must press button of VHF radio five (5) consecutive times at 1 second interval on chan. 69. Signal in operation for 60 minutes.
SAGUENAY RIVER:							
3456 H 2108	-Baie Ste. Catherine.	48° 06.9' N 69° 43.2' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	30 9	6	Red rectangular tower; 3.	Operates at night only.
3460 H 2115	--Pointe de l'Islet.	48° 08.1' N 69° 43.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	39 12	8	Skeleton tower; 30.	Operates at night only.

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<b>CANADA-ST. LAWRENCE ESTUARY, NORTH SIDE</b>							
3464 H 2112	-Pointe Noire Range, front.	48° 07.4' N 69° 43.0' W	<b>F.W.</b>	95 29	20	Square skeleton tower, orange trapezoidal daymark, black stripe; 35.	Visible on range line only. Emergency light.
			<b>F.G.</b>	95 29	6		Visible 077°-257°.
3468 H 2112.1	--Rear, 427 meters 273°04' from front.	48° 07.4' N 69° 43.3' W	<b>F.W.</b>	141 43	20	Square skeleton tower, orange trapezoidal daymark, black stripe; 25.	Visible on range line only. Emergency light.
3472 H 2113	-Anse du Portage, on wharf.	48° 07.6' N 69° 43.8' W	<b>F.Y.</b>	32 10	8	Skeleton tower; 23.	Operates at night only.
3480 H 2118	--Anse a l'Eau, wharf, head.	48° 08.3' N 69° 43.6' W	<b>F.G.</b>	36 11	6	Skeleton tower; 20.	Operates at night only. <b>Radar reflector.</b>
3484 H 2122	-Cap de La Boule, N. side of river.	48° 08.9' N 69° 48.2' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	59 18	5	Square skeleton tower; 23.	Operates at night only.
3488 H 2124	-Anse de Sable.	48° 09.1' N 69° 51.3' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	22 7	5	Square skeleton tower; 20.	Operates at night only.
3492 H 2130	-Anse a Pierrot, E. side of river, 1.9 kilometers above Grosse Roche.	48° 14.1' N 69° 53.7' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	43 13	5	Square skeleton tower; 30.	Operates at night only.
3496 H 2128	-Anse-de-Roche.	48° 13.1' N 69° 52.5' W	<b>Iso.R.</b> period 2s	23 7	7	Skeleton tower; 20.	Operates at night only. Seasonal. Private light.
3500 H 2126	-Pointe aux Crepes.	48° 13.0' N 69° 53.7' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	42 13	5	Square skeleton tower; 25.	Operates at night only.
3504 H 2131	-Ile St. Louis, N. side of Island.	48° 15.1' N 70° 01.2' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	130 40	5	Square skeleton tower; 30.	Operates at night only.
3508 H 2133	-Pointe Claveau.	48° 15.6' N 70° 06.9' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	50 15	5	Square skeleton tower; 30.	Operates at night only.
3516 H 2136	-Pointe au Boeuf, near point, S. side of river.	48° 16.3' N 70° 12.2' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	49 15	5	Square skeleton tower; 15.	Operates at night only.
3520 H 2138	-Trinity Bay, N. side of river opposite La Niche.	48° 21.2' N 70° 20.7' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	52 16	8	Skeleton tower, orange rectangular daymark; 30.	Operates at night only.
3524 H 2140	-Cap Rouge.	48° 22.5' N 70° 32.2' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	48 15	5	Square skeleton tower; 26.	Operates at night only.
3532 H 2142	-Cape East (Cap Est), S. extremity.	48° 22.6' N 70° 42.4' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	56 17	5	White octagonal tower, red top; 26.	Operates at night only.
3536 H 2142.2	-Bagotville, wharf, head.	48° 20.7' N 70° 52.7' W	<b>Iso.R.</b> period 2s	36 11	6	Pipe swing pole; 26.	Operates at night only.
3540 H 2142.3	Port-Alfred Range, front.	48° 20.1' N 70° 52.5' W	<b>F.R.</b>	50 15		Building, orange trapezoidal daymark, black stripe.	Visible on range line only. Private light.
3544 H 2142.31	-Rear, 122.4 meters 261°46' from front.	48° 20.1' N 70° 52.6' W	<b>F.R.</b>	85 26		Building, orange trapezoidal daymark, black stripe.	Visible on range line only. Private light.
<b>CHICOUTIMI HARBOR:</b>							
3564 H 2142.8	-Pointe aux Pins.	48° 25.1' N 70° 49.9' W	<b>Fl.Y.</b> period 6s fl. 1s, ec. 5s	36 11	5	Square skeleton tower, orange rectangular daymark; 20.	Operates at night only.
3568 H 2143	<b>Poste St. Martin</b> Range, front.	48° 26.6' N 70° 59.0' W	<b>F.W.</b>	79 24	15	Square tower, orange trapezoidal daymark, black stripe.	Visible on range line only. Seasonal.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-ST. LAWRENCE ESTUARY, NORTH SIDE</b>							
3572 H 2143.1	-Rear, 3,322.3 meters 287°18' from front.	48° 26.6' N 70° 59.0' W	<b>F.W.</b>	177 54	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 62.	Visible on range line only. Seasonal.
3584 H 2143.3	Riviere Valin Range, E. of Riviere Valin mouth.	48° 27.6' N 70° 58.9' W	<b>Iso.W.</b> period 2s	89 27	11	Skeleton tower, two orange trapezoidal daymarks, black stripe; 86.	Visible on range line only. Seasonal.
3588 H 2143.31	-Rear, 1021 meters 314°02' from front.	48° 28.0' N 70° 59.5' W	<b>Iso.W.</b> period 2s	157 48	11	Skeleton tower, orange trapezoidal daymark, black stripe; 26.	Visible on range line only. Seasonal.
3592 H 2143.4	<b>Riviere du Caribou</b> Range, N. side of Saguenay River.	48° 27.4' N 71° 00.6' W	<b>F.W.</b>	43 13	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 43.	Visible on range line only. Seasonal.
3596 H 2143.5	-Rear, on W. bank Riviere du Caribou 229 meters 283°36' from front.	48° 27.4' N 71° 00.8' W	<b>F.W.</b>	62 19	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 33.	Visible on range line only. Seasonal.
3608 H 2143.6	Simard Range on N. side of Saguenay.	48° 27.0' N 71° 01.3' W	<b>F.G.</b>	29 9	6	Square skeleton tower, orange trapezoidal daymark, black stripes; 26.	Visible on range line only. Seasonal.
3612 H 2143.7	-Rear, 212.9 meters 256°16' from front.	48° 27.0' N 71° 01.5' W	<b>F.G.</b>	45 14	16	Square skeleton tower, orange trapezoidal daymark, black stripes; 40.	Visible on range line only. Seasonal.
3616 H 2143.9	<b>Riviere-du-Moulin</b> lower Range, N. of Riviere-duMoulin.	48° 26.1' N 71° 01.5' W	<b>F.G.</b>	35 11	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 30.	Visible on range line only. Seasonal.
3620 H 2143.91	-Rear, 197 meters 214°47' from front.	48° 26.0' N 71° 01.6' W	<b>F.G.</b>	58 18	16	Square skeleton tower, two orange trapezoidal daymarks, black stripe; 26.	Visible on range line only. Seasonal.
3632 H 2144	<b>Riviere-du-Moulin</b> Upper Range, E. of river mouth.	48° 26.0' N 71° 01.7' W	<b>F.G.</b>	33 10	16	Skeleton tower, orange trapezoidal daymark, black stripe; 21.	Visible on range line only. Seasonal.
3636 H 2144.1	-Rear, 131 meters 081°37' from front.	48° 26.0' N 71° 01.6' W	<b>F.G.</b>	58 18	16	Skeleton tower, two orange trapezoidal daymarks, black stripe; 26.	Visible on range line only. Seasonal.
3640 H 2145	-Monument Price.	48° 25.8' N 71° 02.6' W	<b>Dir.W.R.G.</b>	43 13	13	Rectangular skeleton tower.	F.R. 229°30'-231°30', Al.R.W.-231°50', F.W.- 232°10', Al.G.W.-232°30', F.G.-234°30'.
3652 H 2166	<b>Cap de la Tete au Chien.</b>	47° 54.7' N 69° 48.4' W	<b>Fl.(2)W.</b> period 5s fl. 0.2s, ec. 0.8s fl. 0.2s, ec. 3.8s	207 63	17	White octagonal tower, red top.	
3656 H 2168	St. Simeon, government wharf, head.	47° 50.4' N 69° 52.4' W	<b>Iso.R.</b> period 2s	28 8	7	Square skeleton tower; 26.	Operates at night only.
3660 H 2182	<b>Cap au Saumon.</b>	47° 46.2' N 69° 54.4' W	<b>Fl.(3)W.</b> period 15s	82 25	20	White octagonal tower, red top; 46.	
3662 H 2167	Hare Island, Ile aux Lievres, SW. head.	47° 47.9' N 69° 46.5' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	30 9	5	Square skeleton tower, orange and white rectangular daymarks; 23.	Operates at night only. Seasonal. <b>Radar reflector.</b>
3668 H 2186	Cap a l'Aigle.	47° 39.7' N 70° 05.8' W	<b>Iso.R.</b> period 2s	20 6	6	Mast; 20.	Private light.
3670 H 2187	-Marina breakwater.	47° 39.8' N 70° 05.8' W	<b>Fl.Y.</b> period 6s fl. 1s, ec. 5s	21 6	7	Square skeleton tower; 15.	Operates at night only. Seasonal. Private light.
MURRAY BAY:							
3676 H 2194	<b>-Point au Pic.</b>	47° 37.4' N 70° 08.4' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	64 20	17	Square skeleton tower; 60.	

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<b>CANADA-ST. LAWRENCE ESTUARY, NORTH SIDE</b>							
3680 <i>H 2202</i>	<b>Goose Cape.</b>	47° 29.3' N 70° 13.9' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	51 16	20	Square skeleton tower; 30.	
3684 <i>H 2204</i>	-Wharf, head.	47° 26.9' N 70° 21.9' W	<b>Iso.G.</b> period 2s	43 13	7	Structure; 36.	<b>Radar reflector.</b>
3688 <i>H 2218</i>	<b>Cap aux Corbeaux</b> Range, front.	47° 26.1' N 70° 25.7' W	<b>F.W.</b>	108 33	20	Skeleton tower, orange trapezoidal daymark, black stripe; 104.	Visible on range line only. Emergency light.
			<b>F.W.</b>	108 33	8		Visible 252°30'-004°30'.
3692 <i>H 2218.1</i>	-Rear, 374.6 meters 024°13' from front.	47° 26.3' N 70° 25.6' W	<b>F.W.</b>	171 52	20	Square skeleton tower, orange trapezoidal daymark, black stripe; 43.	Visible on range line only. Emergency light.
			<b>F.W.</b>	171 52	8		Visible 256°-004°30'.
ILE AUX COUDRES:							
3696 <i>H 2206</i>	-Head of wharf.	47° 25.2' N 70° 23.6' W	<b>F.G.</b>	45 14	7	On landing stage of superstructure.	
3700 <i>H 2208</i>	<b>-Pointe de la Prairie.</b>	47° 24.6' N 70° 25.9' W	<b>Fl.W.</b> period 2.5s fl. 0.5s, ec. 2s	52 16	16	Pile.	
3728 <i>H 2254</i>	Sault au Cochon.	47° 11.8' N 70° 38.3' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	53 16	4	Square skeleton tower, orange rectangular daymark; 26.	Operates at night only. <b>Radar reflector.</b>
3740 <i>H 2255</i>	<b>Cap Gribane</b> Range, front.	47° 08.5' N 70° 41.1' W	<b>F.W.</b>	43 13	17	Square skeleton tower, orange rectangular daymark, black stripe; 25.	Visible on range line only.
3744 <i>H 2255.1</i>	-Rear, 445.4 meters 023°52' from front.	47° 08.7' N 70° 41.0' W	<b>F.W.</b>	89 27	17	Square skeleton tower, orange rectangular daymark, black stripe; 35.	Visible on range line only.
3748 <i>H 2261</i>	<b>Brule Bank</b> , downstream range, front.	47° 05.8' N 70° 42.2' W	<b>F.W.</b>	30 9	18	Pile, orange slatwork daymark, black stripe; 23.	Visible on range line only.
3752 <i>H 2261.1</i>	-Rear, 1006 meters 213°21' from front.	47° 05.4' N 70° 42.7' W	<b>F.W.</b>	75 23	18	White cylindrical tower, orange top, pile; 59.	Visible on range line only.
3756 <i>H 2256</i>	<b>Cap Rouge</b> Range, front.	47° 07.5' N 70° 42.1' W	<b>F.Y.</b>	95 29	17	Square skeleton tower, orange trapezoidal daymark, black stripe; 37.	Visible on range line only.
3760 <i>H 2256.1</i>	-Rear, 1025 meters 221°13' from front.	47° 07.1' N 70° 42.6' W	<b>F.Y.</b>	184 56	17	Square skeleton tower, orange trapezoidal daymark, black stripe; 27.	Visible on range line only.
<b>CANADA-ST. LAWRENCE RIVER</b>							
3772 <i>H 2259</i>	Cap Brule.	47° 06.5' N 70° 43.0' W	<b>Iso.W.</b> period 2s	134 41	6	Skeleton tower, orange rectangular daymarks on 3 seaward faces; 16.	Operates at night only.
3776 <i>H 2262</i>	<b>Brule Bank</b> , upstream range, front.	47° 05.4' N 70° 42.6' W	<b>F.W.</b>	29 9	18	Pile, orange trapezoidal slatwork daymark, black stripe; 23.	Visible on range line only.
3780 <i>H 2262.1</i>	-Rear, 1006 meters 033°25' from front.	47° 05.8' N 70° 42.2' W	<b>F.W.</b>	95 29	18	White cylindrical tower, orange bands, on pile; 62.	Visible on range line only.
3801 <i>H 2267</i>	<b>Pte. Argentenage</b> Range, front.	47° 00.5' N 70° 48.3' W	<b>F.W.</b>	82 25	20	Skeleton tower; 16.	Visible on range line only. Emergency light.
3802 <i>H 2267.1</i>	--Rear, 2,769 meters 213°30' from front.	46° 59.2' N 70° 49.5' W	<b>F.W.</b>	213 65	20	Skeleton tower; 114.	Visible on range line only. Emergency light.



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<b>CANADA-ST. LAWRENCE RIVER</b>							
3812 H 2278	<b>St Francois.</b>	46° 59.8' N 70° 48.5' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	37 11	20	Square skeleton tower; 31.	
3836 H 2274	<b>St-Michel-de-Bellechasse</b> Range, front.	46° 52.5' N 70° 55.0' W	<b>F.W.</b>	97 30	23	Skeleton tower, orange trapezoidal daymark, black stripe; 79.	Visible on range line only. Emergency light.
3840 H 2274.1	--Rear, 1738 meters 213°14' from front.	46° 51.7' N 70° 55.7' W	<b>F.W.</b>	186 57	20	Tripod skeleton tower, orange trapezoidal daymark, black stripe; 82.	Visible on range line only. Emergency light.
ORLEANS ISLAND:							
3848 H 2282	-St. Jean-d'Orleans.	46° 54.9' N 70° 53.8' W	<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	36 11	12	Square skeleton tower, 3 orange rectangular slatwork daymarks; 30.	Operates at night only.
	-RACON		<b>G(- - •)</b>		10		(3 & 10cm).
3852 H 2284	-St. Laurent-d'Orleans.	46° 51.5' N 71° 00.2' W	<b>Fl.G.</b> period 5s fl. 1s, ec. 4s	46 14	12	Pipe swing pole; 43.	Operates at night only.
3860 H 2285	<b>-Beaumont</b> Range, front.	46° 50.0' N 71° 01.9' W	<b>F.W.</b>	175 53	20	Skeleton tower, orange slatwork daymark, black stripe; 62.	Visible on range line only. Emergency light.
3864 H 2285.1	--Rear, 1624 meters 233°40' from front.	46° 49.4' N 71° 02.9' W	<b>F.W.</b>	291 89	20	Skeleton tower, orange slatwork daymark, black stripe; 76.	Visible on range line only. Emergency light.
3868 H 2286	<b>-Pointe de la Martiniere</b> Range, front.	46° 49.7' N 71° 07.0' W	<b>F.W.</b>	151 46	20	Skeleton tower; 62.	Visible on range line only. Emergency light.
3872 H 2286.1	--Rear, 655 meters 252°01' from front.	46° 49.6' N 70° 07.5' W	<b>F.W.</b>	217 66	20	Skeleton tower; 112.	Visible on range line only. Emergency light.
3876 H 2288	<b>-Pointe du Bout de l'Île.</b>	46° 50.7' N 71° 07.9' W	<b>Fl.Y.</b> period 5s fl. 1s, ec. 4s	49 15	19	Square skeleton tower; 45.	
3884 H 2290	<b>-Domaine</b> Range, front.	47° 01.1' N 70° 49.7' W	<b>F.W.</b>	36 11	19	Red and white square skeleton tower, orange trapezoidal daymark, black stripe; 30.	Visible on range line only. Seasonal.
3888 H 2290.1	--Rear, 788 meters 226°14' from front.	47° 00.8' N 70° 50.1' W	<b>F.W.</b>	122 37	19	Red and white square skeleton tower, orange trapezoidal daymark, black stripe; 33.	Visible on range line only. Seasonal.
ORLEANS ISLAND CHANNEL:							
3900 H 2293	<b>-Ste. Anne de Beaupre.</b>	47° 01.2' N 70° 55.7' W	<b>Iso.W.R.G.</b> period 3s	36 11	19	Skeleton tower, orange trapezoidal daymark, black stripe; 30.	R. 251°30'-253°30', Al.R.W.-253°50', W.-254°10', Al.G.W.-254°30', G.-256°30'. Seasonal.
3924 H 2300	<b>-Pointe St. Pierre,</b> Orleans Island, S. side of channel, front.	46° 55.6' N 71° 02.4' W	<b>F.G.</b>	21 6	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only. Seasonal.
3928 H 2300.1	--Rear, 167 meters 218°36' from front.	46° 55.5' N 71° 02.5' W	<b>F.G.</b>	43 13	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 40.	Visible on range line only. Seasonal.
3932 H 2294	<b>-Ste-Famille</b> Range, front.	46° 57.9' N 70° 58.6' W	<b>F.G.</b>	61 19	18	Square skeleton tower, orange trapezoidal daymark, black stripe; 60.	Visible on range line only. Seasonal.
3936 H 2294.1	--Rear, 609 meters 052°36' from front.	46° 58.1' N 70° 58.2' W	<b>F.G.</b>	249 76	18	Square skeleton tower, orange trapezoidal daymark, black stripe; 50.	Visible on range line only. Seasonal.
3940 H 2310	<b>-L'Ange Gardien</b> Range, front.	46° 53.9' N 71° 07.2' W	<b>F.G.</b>	46 14	16	Skeleton tower, orange trapezoidal daymark, black stripe; 40.	Visible on range line only. Seasonal.

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<b>CANADA-ST. LAWRENCE RIVER</b>							
3942 H 2310.1	--Rear, 415 meters, 023°43' from front.	46° 54.1' N 71° 07.1' W	<b>F.G.</b>	79 24	16	Skeleton tower, orange trapezoidal daymark, black stripe; 46.	Visible on range line only. Seasonal.
QUEBEC:							
3988 H 2321	-Queen's Wharf, on SE. corner of shed.	46° 48.6' N 71° 12.2' W	<b>Iso.R.</b> period 2s	66 20	6	On building.	Intensified on bearing 280°.
4004 H 2323	<b>-Quebec Yacht Club</b> Range, front.	46° 47.0' N 71° 14.2' W	<b>F.R.</b>	16 5	16	Red and white square skeleton tower, orange trapezoidal daymark, black stripe; 10.	Operates at night only. Seasonal. Private light.
4008 H 2323.1	--Rear, 19.6 meters 298°57' from front.	46° 47.0' N 71° 14.2' W	<b>F.R.</b>	27 8	16	Red and white square skeleton tower, orange trapezoidal daymark, black stripe; 20.	Operates at night only. Seasonal. Private light.
-Quebec Yacht Club:							
4012 H 2323.3	--Marina East, E. breakwater, outer end.	46° 47.0' N 71° 14.0' W	<b>F.Y.</b>	16 5	8	Red and white square skeleton tower; 10.	Operates at night only. Seasonal. Private light.
4016 H 2323.4	--West, W. breakwater, outer end.	46° 47.0' N 71° 14.1' W	<b>Iso.W.</b> period 2s	14 4	8	Red and white square skeleton tower; 11.	Operates at night only. Seasonal. Private light.
4020 H 2324	<b>-Pointe a Puiseaux (Sillery).</b>	46° 46.3' N 71° 14.6' W	<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	27 8	16	Red and white square skeleton tower; 16.	
4028 H 2326	<b>Le Sault. Quebec Bridge.</b>	46° 44.7' N 71° 17.3' W	<b>2 F.W.</b>	154 47		On bridge.	Operates at night only. Private light.
			<b>2 F.R.</b>	92 28			Private Light.
			<b>Iso.G.</b> period 2s	177 54	15		Visible eastward.
			<b>Iso.G.</b> period 2s	165 50	7		Visible westward.
4029 H 2328	Pierre Laporte Bridge.	46° 44.6' N 71° 17.4' W	<b>4 F.W.</b>	161 49		On bridge.	Private light.
			<b>4 F.R.</b>	157 48			
			<b>2 F.G.</b>	161 49			
4032 H 2330	<b>Pointe a Basile</b> Range, front.	46° 43.8' N 71° 19.8' W	<b>F.W.</b>	197 60	21	Skeleton tower, orange slatwork trapezoidal daymark, black stripe; 126.	Visible downstream to Quebec Bridge. F.W. visible on range line only. Emergency light.
			<b>Iso.R.</b> period 2s	194 59	16		
4036 H 2330.1	--Rear, 1241 meters 077°32' from front.	46° 43.9' N 71° 18.8' W	<b>F.W.</b>	287 88	21	Skeleton tower, orange slatwork trapezoidal daymark, black stripe; 116.	Visible on range line only. Emergency light.
4048 H 2332	Pointe St. Nicholas.	46° 42.1' N 71° 26.8' W	<b>F.G.</b>	266 81	6	Red and white square skeleton tower, orange rectangular slatwork daymark; 46.	Operates at night only.
4082 H 2333.2	Vauquelin Range, front, Club Nautique.	46° 41.8' N 71° 34.5' W	<b>F.G.</b>	13 4		Black round mast; 7.	Visible on range line only. Seasonal. Private light.
4086 H 2333.21	--Rear, 45.5 meters 321°22' from front.	46° 41.9' N 71° 34.5' W	<b>F.G.</b>	21 6		Side of boathouse.	Visible on range line only. Seasonal. Private light.

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<b>CANADA-ST. LAWRENCE RIVER</b>							
4096 <i>H 2334</i>	<b>Pointe aux Trembles.</b>	46° 41.8' N 71° 34.4' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	32 10	20	Skeleton tower; 26.	
	RACON		<b>G(- - •)</b>		10		(3 & 10cm).
4104 <i>H 2335.9</i>	<b>St. Antoine Traverse Range,</b> front.	46° 40.0' N 71° 34.9' W	<b>F.G.</b>	56 17	15	White square skeleton tower, orange slatwork trapezoidal daymark, black stripe; 55.	Visible on range line only. Emergency light.
4108 <i>H 2336</i>	-Rear, 321 meters 227°37' from front.	46° 39.9' N 71° 35.0' W	<b>F.G.</b>	188 57	15	Square skeleton tower, orange slatwork daymark, black stripe; 55.	Visible on range line only. Emergency light.
4112 <i>H 2336.1</i>	<b>St. Antoine Upper Range,</b> front.	46° 40.0' N 71° 35.0' W	<b>F.G.</b>	33 10	17	White tower, red upper portion, orange trapezoidal daymark, black stripe; 26.	Visible on range line only. Emergency light.
4116 <i>H 2335.9</i>	-Rear, 250 meters 071°56' from front.	46° 40.0' N 71° 34.9' W	<b>F.G.</b>	55 17	17	Square skeleton tower, orange trapezoidal daymark, black stripe; 50.	Visible on range line only. Emergency light.
4124 <i>H 2340</i>	<b>Ste. Croix Range, front.</b> E. of Ste. Croix Wharf.	46° 37.7' N 71° 42.0' W	<b>F.W.</b>	197 60	20	Square skeleton tower, orange trapezoidal daymark, black stripe; 25.	Visible on range line only. Emergency light.
4128 <i>H 2340.1</i>	-Rear, 483.9 meters 117°02' from front.	46° 37.6' N 71° 41.6' W	<b>F.W.</b>	246 75	20	Square skeleton tower, orange trapezoidal daymark, black stripe; 51.	Visible on range line only. Operates at night only. Emergency light.
			<b>F.G.</b>	243 74	6		Visible E. of 137°.
4130 <i>H 2338</i>	Ste. Croix Est.	46° 38.4' N 71° 38.2' W	<b>F.G.</b>	37 11	6	Skeleton tower, orange rectangular slatwork daymarks on N., E. and W. faces; 30.	Operates at night only.
4148 <i>H 2342</i>	Ste. Croix.	46° 37.7' N 71° 43.9' W	<b>Iso.Y.</b> period 2s	48 15	7	Skeleton tower, orange rectangular slatwork daymark; 43.	Visible 189°-262°. Emergency light.
4180 <i>H 2343</i>	Pointe au Platon.	46° 40.2' N 71° 50.8' W	<b>F.G.</b>	33 10	7	Skeleton tower, orange rectangular slatwork daymarks; 26.	Emergency light. <b>Radar reflector.</b>
4192 <i>H 2347</i>	Portneuf, on outer end of wharf, E. side.	46° 40.9' N 71° 52.6' W	<b>Iso.R.</b> period 2s	28 9	6	Square skeleton tower; 26.	Add operates at night only.
4204 <i>H 2346</i>	<b>Portneuf-en-haut Range,</b> front.	46° 41.4' N 71° 52.2' W	<b>F.G.</b>	66 20	17	Square skeleton tower, orange trapezoidal daymark, black stripe; 60.	Visible on range line only. Emergency light.
4208 <i>H 2346.1</i>	-Rear, 600 meters 028°29' from front.	46° 41.7' N 71° 52.0' W	<b>F.G.</b>	134 41	17	Square skeleton tower, orange trapezoidal daymark, black stripe; 50.	Visible on range line only. Emergency light.
4228 <i>H 2348</i>	<b>Lotbiniere Range, front.</b>	46° 36.7' N 71° 57.4' W	<b>F.W.</b>	51 16	20	Square skeleton tower, orange trapezoidal daymark, black stripe; 41.	Visible on range line only. Emergency light.
4232 <i>H 2348.1</i>	-Rear, 867.8 meters 221°57' from front.	46° 36.3' N 71° 57.8' W	<b>F.W.</b>	135 41	20	Skeleton tower, white enclosed upper portion, orange trapezoidal daymark, black stripe; 57.	Visible on range line only. Emergency light.
4236 <i>H 2350</i>	<b>Barre a Boulard Range, front.</b>	46° 39.6' N 71° 52.6' W	<b>F.W.</b>	169 52	20	Skeleton tower, orange trapezoidal daymark, black stripe; 62.	Visible on range line only. Emergency light.
4240 <i>H 2350.1</i>	-Rear, 1043 meters 054° from front.	46° 39.9' N 71° 51.9' W	<b>F.W.</b>	234 71	20	Skeleton tower, orange trapezoidal daymark, black stripe; 66.	Visible on range line only. Emergency light.

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<b>CANADA-ST. LAWRENCE RIVER</b>							
4244 H 2349	<b>Ile Richelieu.</b>	46° 38.6' N 71° 54.6' W	<b>F.Y.</b>	19 6	16	Orange pile; 39.	Add operates at night only. Visible on bearing 054°. Not to be used as a directional light.
			<b>F.G.</b>	19 6	6		Visible 160°-250°. Intensified on bearing 211°.
	<b>RACON</b>		<b>M(- -)</b>		10		(3 & 10cm).
4284 H 2354	<b>Pointe Langlois.</b>	46° 35.0' N 71° 59.4' W	<b>Iso.G.</b> period 2s	71 22	6	Skeleton tower, orange rectangular daymarks on N., E. and W. faces; 35.	<b>Radar reflector.</b>
4308 H 2356	<b>Calvaire (Calvary) Range, front.</b>	46° 33.4' N 72° 05.2' W	<b>F.G.</b>	131 40	17	Square skeleton tower, orange slatwork trapezoidal daymark, black stripe; 28.	Visible on range line only. Emergency light.
4312 H 2356.1	-Rear, 616 meters 238°29' from front.	46° 33.2' N 72° 05.6' W	<b>F.G.</b>	177 54	17	Square skeleton tower, orange slatwork trapezoidal daymark, black stripe; 65.	Visible on range line only. Emergency light.
4316 H 2358	<b>Leclercville (Ste. Emmelie) Range, front.</b>	46° 33.7' N 72° 00.8' W	<b>F.G.</b>	121 37	17	Square skeleton tower, orange trapezoidal daymark, black stripe; 33.	Visible on range line only. Emergency light.
4320 H 2358.1	-Rear, 1041.8 meters 092°42' from front.	46° 33.7' N 72° 00.0' W	<b>F.G.</b>	186 57	17	White skeleton tower, orange trapezoidal daymark, black stripe; 39.	Visible on range line only. Emergency light.
			<b>F.G.</b>	186 57	6		Visible 360°.
4332 H 2360	<b>La Perade Range, front.</b>	46° 34.0' N 72° 10.4' W	<b>F.G.</b>	49 15	17	Yellow skeleton tower, orange trapezoidal daymark, black stripe.	Visible on range line only. Emergency light.
4336 H 2360.1	-Rear, 1,210.6 meters 272°35' from front.	46° 34.1' N 72° 11.3' W	<b>F.G.</b>	88 27	17	Skeleton tower, orange trapezoidal daymark, black stripe.	Visible on range line only. Emergency light.
4340 H 2362	<b>Pointe des Grondines Range, front.</b>	46° 34.7' N 72° 04.2' W	<b>F.G.</b>	48 15	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 29.	Visible on range line only. Emergency light.
4344 H 2362.1	-Rear, 2439.8 meters 066°37' from front.	46° 35.2' N 72° 02.4' W	<b>F.G.</b>	138 42	15	Trapezoidal framework tower, red daymark, black stripe; 124.	Visible on range line only. Emergency light.
4348 H 2364	<b>Pointe des Grondines, upper range, front.</b>	46° 35.1' N 72° 05.9' W	<b>Iso.W.</b> period 2s	30 9	17	Square skeleton tower, orange trapezoidal daymark, black stripe; 29.	Visible on range line only. Emergency light.
4352 H 2364.1	-Rear, 1997.5 meters 047°15' from front.	46° 35.8' N 72° 04.7' W	<b>Iso.W.</b> period 2s	98 30	17	Skeleton tower, orange trapezoidal slatwork daymark, black stripe; 47.	Visible on range line only. Emergency light.
4356 H 2361	<b>Deschailions Wharf, NW. corner.</b>	46° 33.7' N 72° 06.4' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	38 12	6	White cylindrical mast; 32.	Add operates at night only. <b>Radar reflector.</b>
4424 H 2366	<b>Batiscan Range, front.</b>	46° 30.6' N 72° 14.4' W	<b>F.G.</b>	44 14	17	Square skeleton tower, orange trapezoidal daymark, black stripe; 26. Secondary structure: Square skeleton tower; 59.	Visible on range line only. Emergency light.
			<b>F.G.</b>	43 13	6		Visible on range line only.
4428 H 2366.1	-Rear, 440 meters 240°14' from front.	46° 30.4' N 72° 14.7' W	<b>F.G.</b>	82 25	17	Skeleton tower, orange trapezoidal slatwork daymark, black stripe; 69. Secondary structure: Skeleton tower; 59.	Visible on range line only. Emergency light.
			<b>F.G.</b>	81 25	6		Visible 360°.
4436 H 2368	<b>Les Becquets, root of wharf.</b>	46° 30.4' N 72° 12.4' W	<b>F.G.</b>	26 8	7	White cylindrical mast; 23.	Operates at night only.

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<b>CANADA-ST. LAWRENCE RIVER</b>							
4460 <i>H 2366.4</i>	Batiscan Wharf.	46° 30.0' N 72° 14.8' W	<b>Q.R.</b>	43 <b>13</b>	5	White cylindrical mast; 33.	Operates at night only. <b>Radar reflector.</b>
4472 <i>H 2370</i>	Gentilly Range, on flats N. of Gentilly, front.	46° 25.8' N 72° 15.8' W	<b>F.G.</b>	39 <b>12</b>	14	White tower, orange trapezoidal daymark, black stripe; 13.	Visible on range line only. Operates at night only. Emergency light.
	RACON		<b>K(- • -)</b>		10		(3 & 10cm).
4476 <i>H 2370.1</i>	-Rear, 2597 meters 197°45' from front.	46° 24.5' N 72° 16.4' W	<b>F.G.</b>	101 <b>31</b>	14	Square skeleton tower, orange trapezoidal slatwork daymark, black stripe; 79.	Visible on range line only. Operates at night only. Emergency light.
4480 <i>H 2372</i>	Pointe a la Citrouille, on beach.	46° 27.1' N 72° 16.0' W	<b>F.G.</b>	59 <b>18</b>	7	Skeleton tower, orange rectangular daymark; 52.	Operates at night only.
4528 <i>H 2380</i>	<b>Champlain</b> , upper range, front.	46° 26.1' N 72° 21.4' W	<b>2 F.G.</b>	46 <b>14</b>	17	Mast, orange rectangular daymark, black stripe; 25.	Visible on range line only. Emergency light.
4532 <i>H 2380.1</i>	-Rear, 455 meters 264° from front.	46° 26.1' N 72° 21.8' W	<b>2 F.G.</b>	89 <b>27</b>	17	Square skeleton tower, orange trapezoidal daymark, black stripe; 72.	Visible on range line only. Emergency light.
4544 <i>H 2382</i>	<b>Champlain</b> .	46° 26.4' N 72° 20.7' W	<b>F.G.</b>	59 <b>18</b>	16	White skeleton tower, orange rectangular daymark; 46.	Visible on bearing 038°.
			<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	46 <b>14</b>	6		
4560 <i>H 2387</i>	Pointe a Bigot.	46° 24.9' N 72° 23.0' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	50 <b>15</b>	4	White skeleton tower, orange rectangular slatwork daymark; 45.	Operates at night only. <b>Radar reflector.</b>
4588 <i>H 2384</i>	<b>Becancour</b> Range, front.	46° 22.4' N 72° 27.0' W	<b>F.G.</b>	14 <b>4</b>	17	Square tower, orange daymark, black stripe; 6.	Visible on range line only. Emergency light.
			<b>F.G.</b>	17 <b>5</b>	6		Visible 360°.
4592 <i>H 2384.1</i>	-Rear, 1798.5 meters 230°10' from front.	46° 21.8' N 72° 28.1' W	<b>F.G.</b>	74 <b>22</b>	17	Square skeleton tower, orange slatwork daymark, black stripe; 55.	Visible on range line only. Emergency light.
4608 <i>H 2386</i>	<b>Becancour</b> , Upper Traverse Range, front.	46° 23.4' N 72° 23.7' W	<b>F.G.</b>	33 <b>10</b>	17	Square skeleton tower, orange trapezoidal daymark, black stripe; 23.	Visible on range line only. Emergency light.
4612 <i>H 2386.1</i>	-Rear, 669 meters 075°50' from front.	46° 23.4' N 72° 23.2' W	<b>F.G.</b>	69 <b>21</b>	17	Square skeleton tower, orange trapezoidal daymark, black stripe; 56.	Visible on range line only. Emergency light.
4614 <i>H 2385</i>	Port of Becancour.	46° 24.0' N 72° 22.5' W	<b>F.Y.</b>	23 <b>7</b>		Yellow structure with black stripes.	Visible on bearing 167°44'. Private light.
4624 <i>H 2388</i>	<b>Cap de la Madeleine</b> Wharf Range, SW. corner of wharf, front.	46° 21.9' N 72° 29.8' W	<b>F.G.</b>	34 <b>10</b>	17	Square skeleton tower, orange slatwork trapezoidal daymark, black stripe; 25.	Visible on range line only. Emergency light.
4628 <i>H 2388.1</i>	-Rear, 147 meters 242°32' from front.	46° 21.9' N 72° 30.0' W	<b>F.G.</b>	66 <b>20</b>	17	Square skeleton tower, orange slatwork daymark, black stripe; 40.	Visible on range line only. Emergency light.
4636 <i>H 2390</i>	<b>Cap de la Madeleine</b> Lower Range, front.	46° 23.6' N 72° 27.7' W	<b>F.G.</b>	61 <b>19</b>	17	Square skeleton tower, orange slatwork trapezoidal daymark, black stripe; 30.	Visible on range line only. Emergency light.
4640 <i>H 2390.1</i>	-Rear, 975 meters 037°31' from front.	46° 24.0' N 72° 27.3' W	<b>F.G.</b>	108 <b>33</b>	17	Skeleton tower, orange slatwork trapezoidal daymark, black stripe; 77.	Visible on range line and from side. Emergency light.
4656 <i>H 2389</i>	Pte. des Chernaux.	46° 21.4' N 72° 30.4' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	46 <b>14</b>	6	Cylindrical mast; 33.	Operates at night only.
4680 <i>H 2392</i>	<b>Ste. Angele</b> Range, front.	46° 18.8' N 72° 34.0' W	<b>F.G.</b>	25 <b>8</b>	17	Cylindrical tower, orange rectangular slatwork daymark, black stripe; 26.	Visible on range line only. Emergency light.

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<b>CANADA-ST. LAWRENCE RIVER</b>							
4684 H 2392.1	-Rear, 223 meters 228°47' from front.	46° 18.7' N 72° 34.1' W	<b>F.G.</b>	49 15	17	Cylindrical tower, orange rectangular slatwork daymark, black stripe; 43.	Visible on range line only. Emergency light.
4702	Trois-Rivieres Bridge, W. RACON.	46° 18.5' N 72° 33.8' W	<b>T(-)</b>		10		(3 & 10cm).
4702.1	-E. RACON.	46° 18.4' N 72° 33.7' W	<b>H(••••)</b>		10		(3 & 10cm).
4728 H 2398.4	Port St. Francois wharf.	46° 16.4' N 72° 37.2' W	<b>Fl.Y.</b> period 5s fl. 1s, ec. 4s	33 10	10	Pipe swing pole; 20.	Operates at night only.
4732 H 2398	<b>Port St. Francois</b> Range, front, on pier.	46° 16.3' N 72° 37.2' W	<b>F.G.</b>	35 11	15	White square tower, orange trapezoidal daymark, black stripe; 3.	Visible on range line only. Emergency light. <b>Radar reflector.</b>
4736 H 2398.1	-Rear, 1373 meters 068°25' from front.	46° 16.5' N 72° 36.2' W	<b>F.G.</b>	62 19	15	Skeleton tower, orange trapezoidal daymark, black stripe; 47.	Visible on range line only. Emergency light.
LAKE ST. PETER:							
4748 H 2400	-Nicolet Sector, on pier.	46° 15.5' N 72° 39.1' W	<b>Iso.W.</b> period 2s	29 9	5	Square tower; 20.	Operates at night only. W. 353°-173°, G.-353°. <b>Radar reflector.</b>
			<b>Iso.G.</b> period 2s		5		
	-RACON		<b>G(- - •)</b>		10		(3 & 10cm).
4752 H 2401	-Range, front.	46° 15.6' N 72° 37.8' W	<b>F.G.</b>	31 10	15	White cylindrical tower, orange trapezoidal daymark, black stripe; 16.	Visible on range line only. Emergency light.
4756 H 2401.1	--Rear, 583 meters 096°45' from front.	46° 15.5' N 72° 37.4' W	<b>F.G.</b>	94 29	15	Skeleton tower, orange trapezoidal daymark, black stripe; 71.	Visible on range line only.
4804 H 2402	-Pointe du Lac Range, front.	46° 16.1' N 72° 41.7' W	<b>F.G.</b>	41 12	12	Square skeleton tower, orange trapezoidal daymark, black stripe; 16. Secondary structure: Square skeleton tower; 16.	Visible on range line only. Emergency light. <b>Radar reflector.</b>
			<b>Iso.Y.</b> period 2s		5		
4808 H 2402.1	--Rear, 2263 meters 056°08' from front.	46° 16.8' N 72° 40.3' W	<b>F.G.</b>	165 50	12	Square skeleton tower, red daymark, black vertical stripe; 115.	Visible on range line only. Operates at night only. Emergency light.
4872 H 2404	-Yamachiche Bend.	46° 12.9' N 72° 49.2' W	<b>Iso.R.</b> period 2s	33 10	5	Mast; 98.	
4888 H 2405	-Curve West Range, front.	46° 12.3' N 72° 49.8' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	39 12	5	Square skeleton tower; 16.	
	-RACON		<b>M(- -)</b>		10		(3 & 10cm).
4892 H 2405.1	--Rear, 763 meters 236°01' from front.	46° 12.1' N 72° 50.3' W	<b>F.G.</b>	84 26	14	White tower, orange trapezoidal daymark, black stripe; 56.	Visible on range line only. Operates at night only. Emergency light.
4932 H 2408	-Lac St. Pierre Upstream Range, front.	46° 11.2' N 72° 55.0' W	<b>F.G.</b>	36 11	14	Orange and white cylindrical tower, orange rectangular daymark, black stripe; 16. Secondary structure: White cylindrical tower, red stripe; 16.	Visible on range line only. Operates at night only. <b>Radar reflector.</b>
			<b>Iso.G.</b> period 2s	36 11	5		

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<b>CANADA-ST. LAWRENCE RIVER</b>							
4936 <i>H 2408.1</i>	--Rear, 914 meters 249°57' from front.	46° 11.0' N 72° 55.6' W	<b>F.G.</b>	75 23	14	Skeleton tower, orange square daymark, black stripe; 56. Secondary structure: Skeleton tower; 59.	Visible on range line only. Operates at night only. <b>Radar reflector.</b>
			<b>Iso.R.</b> period 2s	80 24	5		
	--RACON		<b>N(- •)</b>		10		(3 & 10cm).
4940 <i>H 2409</i>	-Curve No. 2 Downstream Range, front.	46° 11.7' N 72° 53.7' W	<b>F.G.</b>	38 12	12	Orange rectangular tower, orange rectangular daymark, black stripe; 16. Secondary structure: Orange rectangular tower; 16.	Visible on range line only. Operates at night only. <b>Radar reflector.</b>
			<b>Iso.W.</b> period 2s	39 12	6		Reference light. Visible 360°.
4944 <i>H 2409.1</i>	--Rear, 611 meters 044°06' from front.	46° 11.9' N 72° 53.4' W	<b>F.G.</b>	70 21	12	White skeleton tower, orange trapezoidal daymark, black stripe; 49. Secondary structure: Skeleton tower; 52.	Visible on range line only. Operates at night only. Emergency light.
			<b>Iso.G.</b> period 2s	72 22	6		Reference light. Visible 360°.
4956 <i>H 2410</i>	-Louiseville.	46° 13.3' N 72° 55.5' W	<b>F.G.</b>	26 8		White cylindrical tower; 20.	Visible on bearing 334.5°. Private light.
4988 <i>H 2411</i>	-Maskinonge Curve.	46° 09.4' N 72° 56.5' W	<b>Iso.Y.</b> period 2s	46 14	5	Orange cylindrical tower, white rectangular daymark, red and white bands; 16.	Operates at night only. <b>Radar reflector.</b>
5028 <i>H 2414</i>	-Ile aux Raisin Range, front.	46° 06.2' N 72° 57.9' W	<b>F.G.</b>	33 10	11	White cylindrical tower, orange trapezoidal daymark, black stripe; 23.	Visible on range line only. Operates at night only. Emergency light.
5032 <i>H 2414.1</i>	--Rear, 573.3 meters 193°01' from front.	46° 05.9' N 72° 58.0' W	<b>F.G.</b>	89 27	11	Square skeleton tower, orange trapezoidal daymark, black stripe; 75. Secondary structure: Square skeleton tower; 85.	Visible on range line only. Operates at night only. Emergency light.
			<b>Iso.W.</b> period 2s		6		
	--RACON		<b>K(- • -)</b>		10		(3 & 10cm).
5044 <i>H 2416</i>	-Isle des Barques Range, front.	46° 05.3' N 72° 59.7' W	<b>F.G.</b>	37 11	13	Block tower, orange trapezoidal daymark, black stripe; 13.	Visible on range line only. Operates at night only. Emergency light.
5046 <i>H 2416.1</i>	--Rear, 480 meters 218°26' from front.	46° 05.1' N 72° 59.9' W	<b>F.G.</b>	95 29	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 66.	Visible on range line only. Operates at night only. Emergency light.
5047 <i>H 2424</i>	-Ile du Moine Range, front.	46° 04.0' N 73° 01.5' W	<b>F.G.</b>	43 13	14	White square tower, orange trapezoidal daymark, black stripe; 33.	Visible on range line only. Emergency light.
5048 <i>H 2424.1</i>	--Rear 488 meters 082°30' from front.	46° 04.0' N 73° 01.1' W	<b>F.G.</b>	90 27	14	Skeleton tower, orange trapezoidal daymark, black stripe; 62.	Visible on range line only. Emergency light.
5072 <i>H 2422</i>	<b>Ste. Anne de Sorel</b> Range, front.	46° 03.5' N 73° 03.4' W	<b>F.G.</b>	43 13	15	White square tower, orange trapezoidal daymark, black stripe; 26. Secondary structure: White square tower; 33.	Visible on range line only. Emergency light.
			<b>F.G.</b>	46 14	5		Visible 360°.
5076 <i>H 2422.1</i>	--Rear, 771 meters 231°51' from front.	46° 03.3' N 73° 03.8' W	<b>F.G.</b>	101 31	15	Tripod skeleton tower, orange trapezoidal daymark, black stripe; 82.	Visible on range line only. Emergency light.

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<b>CANADA-ST. LAWRENCE RIVER</b>							
5104 H 2426	Ile de Grace Range, front.	46° 04.1' N 73° 03.0' W	<b>F.G.</b>	42	15	White square tower, orange trapezoidal daymark, black stripe; 27.	Visible on range line only. Operates at night only. Emergency light.
			<b>Iso.G.</b> period 2s		5	White square Tower; 27.	Visible 311°-346°.
5108 H 2426.1	-Rear, SE. end of island, 598 meters 073°16' from front.	46° 04.2' N 73° 02.6' W	<b>F.G.</b>	73	15	Square skeleton tower, enclosed upper portion, orange slatwork trapezoidal daymark, black stripe; 59. Secondary structure: Skeleton tower; 59.	Visible on range line only. Operates at night only. Emergency light.
			<b>Iso.G.</b> period 2s		5		Visible 275°-18°.
5136 H 2450	Ile Dupas Range, front.	46° 03.5' N 73° 09.4' W	<b>F.G.</b>	46	12	White square tower, orange trapezoidal daymark, black stripe; 13.	Visible on range line only. Operates at night only. Emergency light.
5140 H 2450.1	-Rear, on S. end of Ile Dupas, 625 meters 015°07' from front.	46° 03.8' N 73° 09.3' W	<b>F.G.</b>	82	12	Skeleton tower, orange slatwork trapezoidal daymark, black stripe; 65.	Visible on range line only. Operates at night only. Emergency light.
5144 H 2451	Ile St. Ours Course, lower range, front.	45° 57.9' N 73° 12.7' W	<b>F.G.</b>	36	17	Cylindrical tower, orange trapezoidal daymark, black stripe; 20.	Visible on range line only. Emergency light.
5148 H 2451.1	-Rear, 713.4 meters 002°22' from front.	45° 58.2' N 73° 12.7' W	<b>F.G.</b>	112	17	Rectangular tower, orange trapezoidal daymark, black stripe; 72.	Visible on range line only. Emergency light.
5172 H 2452	Ile St. Ours Course Range, front.	45° 53.1' N 73° 13.0' W	<b>F.G.</b>	56	13	Skeleton tower, orange slatwork trapezoidal daymark, black stripe; 43.	Visible on range line only. Emergency light.
5176 H 2452.1	-Rear, 670 meters 182°20' from front.	45° 52.7' N 73° 13.0' W	<b>F.G.</b>	109	13	Square skeleton tower, orange slatwork trapezoidal daymark, black stripe; 62.	Visible 066°20'-112°23' and on range line. Emergency light.
5192 H 2454	Petite Traverse Range, front.	45° 54.7' N 73° 12.5' W	<b>F.G.</b>	55	17	Cylindrical tower, orange trapezoidal slatwork daymark, black stripe; 23.	Visible on range line only. Emergency light.
5196 H 2454.1	-Rear, 516.5 meters 045°43' from front.	45° 54.9' N 73° 12.2' W	<b>F.G.</b>	105	32	Square skeleton tower, orange slatwork trapezoidal daymark, black stripe; 65.	Visible on range line only. Emergency light.
5206 H 2453	Ile St. Ours, S. end.	45° 54.3' N 73° 13.5' W	<b>Iso.Y.</b> period 2s	49	5	Square skeleton tower; 20.	Operates at night only.
	RACON		<b>M(- -)</b>		10		(3 & 10cm).
5208 H 2456	Bellmouth Curve.	45° 55.2' N 73° 12.5' W	<b>F.R.</b>	73	15	Skeleton tower, orange and white rectangular daymark; 39.	Visible on bearing 024°46'. Emergency light.
5224 H 2458	Contrecoeur Course Range, front.	45° 55.3' N 73° 12.5' W	<b>F.Y.</b>	85	20	Square skeleton tower, orange trapezoidal daymark, black stripe; 52.	Visible on range line only. Emergency light.
5228 H 2458.1	-Rear, 772 meters 033°06' from front.	45° 55.7' N 73° 12.2' W	<b>F.Y.</b>	139	20	Tripod skeleton tower, orange trapezoidal daymark, black stripe; 82.	Visible on range line only. Emergency light.
5252 H 2460	Lavaltrie Range, SE. side of Lavaltrie Island, front.	45° 53.0' N 73° 15.8' W	<b>F.G.</b>	26	16	White square tower, orange trapezoidal daymark, black stripe; 13.	Visible on range line only. Emergency light.
5256 H 2460.1	-Rear, on pier, 561 meters 208°41' from front.	45° 52.7' N 73° 16.0' W	<b>F.G.</b>	66	16	Skeleton tower, orange slatwork trapezoidal daymark, black stripe; 56.	Visible on range line only. Emergency light.
	-RACON		<b>N(- •)</b>		10		(3 & 10cm).
5300 H 2470	Contrecoeur Traverse Range, front.	45° 49.9' N 73° 16.9' W	<b>Iso.G.</b> period 2s	52	20	White cylindrical tower, orange daymark, black stripe; 38.	Visible on range line only.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-ST. LAWRENCE RIVER</b>							
5304 <i>H 2470.1</i>	-Rear, 401 meters 200°13' from front.	45° 49.7' N 73° 17.0' W	<b>Iso.G.</b> period 2s	93 28	20	Skeleton tower, orange daymark, black stripe; 73.	Visible on range line only.
5308 <i>H 2472</i>	Contrecoeur to Vercheres Range, front.	45° 51.9' N 73° 15.1' W	<b>F.G.</b>	31 10	14	Square tower, orange slatwork trapezoidal daymark, black stripe; 13.	Visible on range line only. Operates at night only. Emergency light.
5312 <i>H 2472.1</i>	-Rear, 1724 meters 040°24' from front.	45° 52.6' N 73° 14.2' W	<b>F.G.</b>	64 20	14	Square skeleton tower, orange slatwork trapezoidal daymark, black stripe; 49. Secondary structure: Square skeleton tower; 49.	Visible on range line only. Operates at night only. Emergency light.
			<b>Iso.G.</b> period 2s	66 20	6		Visible 360°.
5352 <i>H 2476</i>	<b>Vercheres Village</b> Range, front.	45° 46.8' N 73° 21.4' W	<b>F.G.</b>	33 10	17	Red and white square tower, orange trapezoidal daymark, black stripe; 22.	Visible on range line only. Emergency light.
5356 <i>H 2476.1</i>	-Rear, about 634.5 meters 220°20' from front.	45° 46.5' N 73° 21.7' W	<b>F.G.</b>	79 24	17	White square tower, orange trapezoidal daymark, black stripe; 55.	Visible on range line only. Emergency light.
5364 <i>H 2478</i>	<b>Vercheres Traverse</b> Range, front.	45° 47.8' N 73° 19.6' W	<b>F.G.</b>	52 16	16	White cylindrical tower, orange rectangular daymark, black stripe.	Visible on range line only. Emergency light.
5368 <i>H 2478.1</i>	-Rear, 494 meters 055°56' from front.	45° 47.9' N 73° 19.3' W	<b>F.G.</b>	85 26	16	White square tower, orange rectangular daymark, black stripe.	Visible on range line only. Emergency light.
5388 <i>H 2480</i>	Ile Bouchard Range, front.	45° 47.9' N 73° 20.7' W	<b>F.G.</b>	46 14	14	Square skeleton tower, fluorescent red daymark, black stripe; 32.	Visible on range line only. Emergency light.
5392 <i>H 2480.1</i>	-Rear, on Ile Bouchard, SE. side, 935 meters 037°36' from front.	45° 48.3' N 73° 20.2' W	<b>F.G.</b>	96 29	14	Square skeleton tower, fluorescent red daymark, black stripe; 81.	Visible on range line only. Emergency light.
5404 <i>H 2482</i>	Ile Deslauriers Range, E., front.	45° 42.7' N 73° 26.4' W	<b>Iso.G.</b>	36 11	14	Square skeleton tower, orange trapezoidal daymark, black stripe; 23.	Visible on range line only. Operates at night only.
5408 <i>H 2482.1</i>	-Rear, E. side of Ile Ste. Therese, 2653 meters 217°31' from front.	45° 41.6' N 73° 27.6' W	<b>Iso.G.</b>	105 32	14	Skeleton tower, orange trapezoidal daymark, black stripe; 89. Secondary structure: Skeleton tower; 89.	Visible on range line only. Operates at night only.
			<b>Iso.G.</b> period 2s	108 33	4		
5448 <i>H 2484</i>	Ile Ste. Therese Lower Range, front.	45° 41.1' N 73° 27.5' W	<b>F.G.</b>	39 12	8	White cylindrical tower, orange trapezoidal daymark, black stripe; 15.	Intensified on range line.
5452 <i>H 2484.1</i>	-Rear, 152.7 meters 213°07' from front.	45° 41.0' N 73° 27.6' W	<b>F.G.</b>	59 18	14	White cylindrical tower, orange trapezoidal daymark, black stripe; 33.	Visible on range line only.
5476 <i>H 2487</i>	<b>Varennes</b> Range, front.	45° 41.2' N 73° 26.5' W	<b>F.G.</b>	39 12	15	White cylindrical tower, orange trapezoidal daymark, black stripe; 30.	Visible on range line only. Emergency light.
5480 <i>H 2487.1</i>	-Rear, 325.8 meters 032°35' from front.	45° 41.4' N 73° 26.4' W	<b>F.G.</b>	74 23	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 62. Secondary structure: Square skeleton tower; 59.	Visible on range line only. Emergency light.
			<b>F.G.</b>	72 22	5		Visible 360°.
5496 <i>H 2486</i>	Iles de Varennes Range, front.	45° 40.1' N 73° 27.4' W	<b>F.G.</b>	31 9	7	Cylindrical tower, orange trapezoidal slatwork daymark, black stripe; 20.	Visible on range line only. Operates at night only.
5500 <i>H 2486.1</i>	-Rear, 122.4 meters 186°11' from front.	45° 40.0' N 73° 27.4' W	<b>F.G.</b>	51 16	7	Cylindrical tower, orange trapezoidal slatwork daymark, black stripe; 39.	Visible on range line only. Operates at night only.

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<b>CANADA-ST. LAWRENCE RIVER</b>							
5512 <i>H 2490</i>	Ile Ste. Therese Upper Range, E. side Ile aux Vaches, front.	45° 39.9' N 73° 28.0' W	<b>F.G.</b>	37 11	10	White cylindrical tower, orange rectangular daymark; 13.	Visible on range line only. Operates at night only. Emergency light.
			<b>F.G.</b>	39 12	5		
5516 <i>H 2490.1</i>	-Rear, 1262 meters 024°50' from front.	45° 40.5' N 73° 27.6' W	<b>F.G.</b>	98 30	10	Square skeleton tower, orange trapezoidal daymark, black stripe; 72.	Visible on range line only. Operates at night only. Emergency light.
			<b>F.G.</b>	98 30	5		
5544 <i>H 2496</i>	<b>Tetreaultville</b> Range, front.	45° 35.8' N 73° 30.6' W	<b>F.G.</b>	48 15	17	Cylindrical tower, orange trapezoidal daymark, black stripe; 72.	Visible on range line only. Emergency light.
5548 <i>H 2496.1</i>	-Rear, 629.8 meters 204°50' from front.	45° 35.5' N 73° 30.8' W	<b>F.G.</b>	99 30	17	Cylindrical tower, orange trapezoidal daymark, black stripe; 72.	Visible on range line only. Emergency light.
5564 <i>H 2497</i>	<b>Longue Pointe Traverse</b> Range, front.	45° 33.7' N 73° 29.7' W	<b>Iso.G.</b> period 2s	46 14	17	White cylindrical tower, orange trapezoidal daymark, black stripe; 30.	Visible on range line only. Emergency light.
5568 <i>H 2497.1</i>	-Rear, 191.5 meters 169°48' from front.	45° 33.6' N 73° 29.7' W	<b>Iso.G.</b> period 2s	66 20	17	White cylindrical tower, orange trapezoidal slatwork daymark, black stripe; 43.	Visible on range line only. Emergency light.
5572 <i>H 2499</i>	<b>Grand Battures Trailhandier</b> Range, front.	45° 35.7' N 73° 29.6' W	<b>Iso.W.</b> period 2s	33 10	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 23.	Visible on range line only. Operates at night only.
5576 <i>H 2499.1</i>	-Rear, 478 meters 022°34' from front.	45° 35.9' N 73° 29.4' W	<b>Iso.W.</b> period 2s	79 24	15	White cylindrical tower, orange rectangular daymark, black stripe; 62.	Visible on range line only. Operates at night only.

# Section 4

## St. Lawrence Seaway, South Side of St. Lawrence River and New Brunswick

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-ST. LAWRENCE SEAWAY</b>							
5632 <i>H 2506</i>	Jacques Cartier Bridge.	45° 31.3' N 73° 32.6' W	<b>2 F.G.</b>	178 <b>54</b>		On bridge.	Operates at night only. Private light.
5646 <i>H 2519</i>	-Range, front.	45° 25.9' N 73° 41.7' W	<b>F.G.</b>	31 <b>9</b>	12	White cylindrical tower, orange trapezoidal daymark, black stripe.	Visible on range line only. Seasonal.
5647 <i>H 2519.1</i>	--Rear, 250.6 meters 067°05' from front.	45° 26.0' N 73° 41.5' W	<b>F.G.</b>	59 <b>18</b>	12	White cylindrical tower, orange trapezoidal daymark, black stripe; 49.	Visible on range line only. Seasonal.
LAKE ST LOUIS:							
5648 <i>H 2517.5</i>	-Kahnawake Dyke.	45° 24.5' N 73° 43.2' W	<b>F.Y.</b>				Seasonal. Private light.
5668 <i>H 2518</i>	-Pointe Johnson.	45° 24.0' N 73° 44.8' W	<b>Iso.Y.</b> period 2s	26 <b>8</b>	14	Cylindrical tower; 13.	Visible on bearing 248°30'. Seasonal.
5692 <i>H 2517.2</i>	-Kahnawake Range, front.	45° 24.2' N 73° 47.8' W	<b>F.G.</b>	32 <b>10</b>	5	Orange cylindrical tower, orange rectangular daymark, black stripe; 16.	Operates at night only. Seasonal.
5696 <i>H 2517.21</i>	--Rear, 513 meters 266°36' from front.	45° 24.2' N 73° 48.2' W	<b>F.G.</b>	62 <b>19</b>	7	White cylindrical tower, orange trapezoidal daymark, black stripe; 43.	Visible on range line only. Operates at night only. Seasonal.
	--RACON		<b>G(-- •)</b>		4		(3 & 10cm).
5701 <i>H 2517.04</i>	-Tekakwitha Island.	45° 24.6' N 73° 42.6' W	<b>F.Y.</b>				Seasonal. Private light.
5702 <i>H 2518.4</i>	-Dixie Range, front, S. of Ile Dorval.	45° 25.3' N 73° 44.7' W	<b>Q.G.</b>	26 <b>8</b>	4	Cylindrical tower, orange rectangular daymark, black stripe; 75.	Seasonal.
5703 <i>H 2518.41</i>	--Rear, 2038 meters 050°43' from front.	45° 26.0' N 73° 43.5' W	<b>Q.G.</b>	81 <b>25</b>	12	Skeleton tower, orange trapezoidal slatwork daymark, black stripe; 75.	Visible on range line only. Seasonal.
5704 <i>H 2517.1</i>	-Dorval Range, front.	45° 25.1' N 73° 45.6' W	<b>F.G.</b>	36 <b>11</b>	11	Orange cylindrical tower, orange rectangular daymark, black stripe; 13.	Visible on range line only. Operates at night only. Seasonal.
5708 <i>H 2517.11</i>	--Rear, 1069 meters 043°52' from front.	45° 25.6' N 73° 45.0' W	<b>F.G.</b>	79 <b>24</b>	11	White cylindrical tower, orange trapezoidal daymark, black stripe; 56.	Visible on range line only. Operates at night only. Seasonal.
5748 <i>H 2522.5</i>	-Pointe Fortier.	45° 21.2' N 73° 53.8' W	<b>F.Y.</b>	54 <b>17</b>	12	Square skeleton tower, orange rectangular daymark; 36.	Visible on bearing 024°. Visible at center of E. entrance to Beauharnois Lock. Operates at night only. Seasonal.
5788 <i>H 2522.6</i>	-Melocheville Range, front.	45° 19.2' N 73° 56.6' W	<b>F.G.</b>	35 <b>11</b>	17	Square skeleton tower, orange trapezoidal daymark, black stripe; 26.	Visible on range line only. Seasonal.
5792 <i>H 2522.61</i>	--Rear, 1287 meters 241°29' from front.	45° 18.8' N 73° 57.4' W	<b>F.G.</b>	98 <b>30</b>	17	Square skeleton tower, orange trapezoidal daymark, black stripe; 46.	Visible on range line only. Seasonal.
5796 <i>H 2528.4</i>	-South Wall Approach.	45° 17.7' N 73° 55.9' W	<b>F.Y.</b>	37 <b>11</b>		Mast.	Private light.

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<b>CANADA-ST. LAWRENCE SEAWAY</b>							
BEAUHARNOIS CANAL:							
5800 H 2528	-Upper Beauharnois Lock Range, front.	45° 18.0' N 73° 55.7' W	<b>F.Y.</b>	43 13	14	White square skeleton tower, orange triangular daymark point up, black stripe; 33.	Seasonal.
5804 H 2528.1	--Rear, 329 meters 028°20' from front.	45° 18.1' N 73° 55.6' W	<b>F.Y.</b>	67 20	14	White square skeleton tower, orange triangular daymark point down, black stripe; 52.	Seasonal.
5816 H 2530	-Powerhouse Range, front.	45° 16.7' N 73° 56.0' W	<b>Iso.G.</b> period 2s	32 10	13	White skeleton tower, orange daymark, black stripe; 29.	Seasonal.
5820 H 2530.1	--Rear, 527 meters 046°17' from front.	45° 16.9' N 73° 55.7' W	<b>F.G.</b>	74 23	13	White skeleton tower, orange daymark, black stripe; 66.	Seasonal.
5840 H 2531	-St. Louis Bridge Range, front.	45° 15.0' N 73° 57.6' W	<b>Iso.Y.</b> period 2s	41 12	14	White skeleton tower, orange triangular daymark point up, black stripe; 30.	Visible on range line only. Seasonal.
5844 H 2531.1	--Rear, 658 meters 060°33' from front.	45° 15.1' N 73° 57.2' W	<b>F.Y.</b>	61 19	15	White skeleton tower, orange triangular daymark point down, black stripe; 59.	Visible on range line only. Seasonal.
5872 H 2532	-St. Louis Directional, E. side of bridge.	45° 13.9' N 74° 00.1' W	<b>F.Y.</b>	16 5	14	Bridge, orange triangular daymark point up.	Visible on bearing 226°30'. Seasonal.
5888 H 2535	-Campsite Range, front.	45° 13.3' N 74° 00.8' W	<b>Iso.W.</b> period 2s	35 11	15	White square skeleton tower, orange triangular daymark point up, black stripe; 30.	Seasonal.
5892 H 2535.1	--Rear, 669 meters 090° from front.	45° 13.3' N 74° 00.3' W	<b>F.W.</b>	51 16	16	White square skeleton tower, orange triangular daymark point down, black stripe; 36.	Seasonal.
5900 H 2536	St. Louis Bridge steering light.	45° 12.9' N 74° 02.9' W	<b>Dir.Iso.Y.</b> period 2s	33 10	14	White skeleton tower, orange triangular daymark point up; 23.	Visible on bearing 240°30'.
5920 H 2537	-Valleyfield Bridge Range, front.	45° 12.9' N 74° 03.8' W	<b>Iso.Y.</b> period 2s	34 10	14	White square skeleton tower, orange triangular daymark point up, black stripe; 23.	Seasonal.
5924 H 2537.1	--Rear, 468 meters 107°26' from front.	45° 12.8' N 74° 03.5' W	<b>F.Y.</b>	63 19	15	White square skeleton tower, orange triangular daymark point down, black stripe; 36.	Seasonal.
5928 H 2533	- <b>Duck</b> Range, front.	45° 12.8' N 74° 04.3' W	<b>Iso.W.</b> period 2s	36 11	15	White square skeleton tower, orange triangular daymark point up, black stripe; 30.	Seasonal.
5932 H 2533.1	--Rear, 552 meters 248°30' from front.	45° 12.9' N 74° 03.9' W	<b>F.W.</b>	60 18	16	White skeleton tower, orange triangular daymark point down, black stripe; 30.	Seasonal.
5984 H 2538	-W. Entrance Range, front.	45° 14.1' N 74° 08.5' W	<b>Iso.G.</b> period 4s	39 12	15	White skeleton tower, orange trapezoidal daymark, black stripe; 30.	Visible on range line only. Seasonal.
5988 H 2538.1	--Rear, 1501 meters 083°30' from front.	45° 14.2' N 74° 07.3' W	<b>F.G.</b>	92 28	15	Skeleton tower, orange daymark, black stripe; 92.	Visible on range line only. Seasonal.
5992 H 2541	-Coteau-Landing E. breakwater, SE. head.	45° 15.2' N 74° 12.4' W	<b>Fl.G.</b> period 4s	23 7	3	White cylindrical tower, green upper portion; 16.	Seasonal.
LAKE ST. FRANCIS:							
6064 H 2543	-Hay Point (Pte-au-Foin) Range, front.	45° 13.4' N 74° 16.5' W	<b>F.G.</b>	35 11	10	White skeleton tower, orange triangular daymark point up, black stripe; 33.	Visible on range line only. Seasonal.

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<b>CANADA-ST. LAWRENCE SEAWAY</b>							
6068 <i>H 2543.1</i>	--Rear, 810 meters 263°30' from front.	45° 13.4' N 74° 17.2' W	<b>F.G.</b>	59 <b>18</b>	10	White skeleton tower, orange triangular daymark point up, black stripe; 53.	Visible on range line only. Seasonal.
6069 <i>H 2543.5</i>	<b>-Pointe-au-Foin</b> Range, front.	45° 13.0' N 74° 17.4' W	<b>Iso.R.</b> period 4s	47 <b>14</b>	15	White cylindrical tower, orange triangular daymark point up, black stripe.	Visible on range line only. Seasonal.
6071 <i>H 2543.51</i>	--Rear, 300 meters 029°08' from front.	45° 13.2' N 74° 17.3' W	<b>F.R.</b>	66 <b>20</b>	15	White skeleton tower, orange triangular daymark point down, black stripe.	Visible on range line only. Seasonal.
6088 <i>H 2544</i>	-Pointe Beaudette Range, front.	45° 12.1' N 74° 18.9' W	<b>F.G.</b>	36 <b>11</b>	14	White cylindrical tower, orange triangular daymark point up, black stripe; 36.	Visible on range line only. Seasonal.
6092 <i>H 2544.1</i>	--Rear, 762 meters 242°30' from front.	45° 11.9' N 74° 19.4' W	<b>F.G.</b>	59 <b>18</b>	14	White skeleton tower, orange triangular daymark point down, black stripe; 59.	Visible on range line only. Seasonal.
6096 <i>H 2550</i>	-Port Louis Flats Range, front.	45° 11.2' N 74° 18.5' W	<b>F.G.</b>	38 <b>12</b>	13	White cylindrical tower, black vertical stripe, orange triangular daymark point up; 39.	Visible on range line only. Seasonal.
6100 <i>H 2550.1</i>	--Rear, 1219 meters 054°40' from front.	45° 11.6' N 74° 17.7' W	<b>F.G.</b>	75 <b>23</b>	13	White cylindrical tower, black vertical stripe, orange triangular daymark point up; 72.	Visible on range line only. Seasonal.
6120 <i>H 2545</i>	-Ile Chretien Range, front.	45° 10.2' N 74° 19.6' W	<b>Iso.R.</b> period 4s	36 <b>11</b>	14	White cylindrical tower, orange triangular daymark point up, black stripe; 36.	Visible on range line only. Seasonal.
6124 <i>H 2545.1</i>	--Rear, 642.4 meters 209°11' from front.	45° 09.9' N 74° 19.8' W	<b>F.R.</b>	56 <b>17</b>	14	White skeleton tower, orange triangular daymark point down, black stripe; 52.	Visible on range line only. Seasonal.
6132 <i>H 2546</i>	-St. Anicet Shoal.	45° 09.4' N 74° 22.0' W	<b>Iso.W.</b> period 2s	33 <b>10</b>	6	White cylindrical tower, green top, marked D27; 36.	Seasonal.
6146 <i>H 2547</i>	Nadeaus Point, (Creg Quay), seaward end of breakwater.	45° 09.7' N 74° 25.2' W	<b>Fl.G.</b> period 4s	25 <b>8</b>	4	White cylindrical tower, green top; 19.	Seasonal. Private light.
6152 <i>H 2548</i>	-Point Dupuis Range, front.	45° 07.7' N 74° 24.6' W	<b>F.G.</b>	30 <b>9</b>	14	White square skeleton tower, orange triangular daymark point up, black stripe; 26.	Seasonal.
6156 <i>H 2548.1</i>	--Rear, 400 meters 086°30' from front.	45° 07.7' N 74° 24.0' W	<b>F.G.</b>	66 <b>20</b>	14	White skeleton tower, orange triangular daymark point down, black stripe; 62.	Seasonal.
6180 <i>H 2552</i>	-Lancaster Bar.	45° 07.4' N 74° 26.9' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	33 <b>10</b>	9	White cylindrical tower, green top marked D41; 20.	Seasonal.
6184 <i>H 2551</i>	-South Gulby Range, front.	45° 07.3' N 74° 26.2' W	<b>F.W.</b>	33 <b>10</b>	13	White cylindrical tower, orange triangular daymark point up, black stripe; 33.	Visible on range line only. Seasonal.
6188 <i>H 2551.1</i>	--Rear, 2042 meters 234°40' from front.	45° 06.7' N 74° 27.4' W	<b>F.W.</b>	72 <b>22</b>	13	White cylindrical tower, orange triangular daymark point down, black stripe; 75.	Visible on range line only. Seasonal.
6228 <i>H 2556</i>	--Range, front, D50.	45° 06.0' N 74° 29.5' W	<b>Iso.G.</b> period 4s	39 <b>12</b>	13	White hexagonal tower, red top, black vertical stripe, orange triangular daymark point up, marked "D50"; 33.	Visible on range line only. Seasonal.
6232 <i>H 2556.1</i>	---Rear, 785 meters 228°45' from front.	45° 05.7' N 74° 29.9' W	<b>F.G.</b>	79 <b>24</b>	13	White cylindrical tower, orange triangular daymark point down, black stripe; 79.	Visible on range line only. Seasonal.
6240 <i>H 2560</i>	-Butternut Island Range, front.	45° 05.6' N 74° 29.3' W	<b>Iso.G.</b> period 4s	36 <b>11</b>	13	White cylindrical tower, orange triangular daymark point up, black vertical stripe; 39.	Visible on range line only. Seasonal.

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<b>CANADA-ST. LAWRENCE SEAWAY</b>							
6244 H 2560.1	--Rear, 596 meters 046° from front.	45° 05.8' N 74° 29.0' W	<b>F.G.</b>	62 19	13	White cylindrical tower, orange triangular daymark point down, black vertical stripe; 62.	Visible on range line only. Seasonal.
6256 H 2558	-Thompson Island Lower Range, front.	45° 04.6' N 74° 30.2' W	<b>Iso.G.</b> period 4s	31 9	13	White cylindrical tower, orange triangular daymark point up, black vertical stripe; 36.	Visible on range line only. Seasonal.
6260 H 2558.1	--Rear, about 697 meters 207°16' from front.	45° 04.2' N 74° 30.5' W	<b>F.G.</b>	59 18	13	White skeleton tower, orange triangular daymark point down, black vertical stripe; 56.	Visible on range line only. Seasonal.
6288 H 2568	--Upper Range, front.	45° 04.0' N 74° 31.0' W	<b>Iso.G.</b> period 4s	32 10	13	White skeleton tower, orange triangular daymark point up, black vertical stripe; 26.	Visible on range line only. Seasonal.
6292 H 2568.1	--Rear, 731 meters 059°30' from front.	45° 04.3' N 74° 30.6' W	<b>F.G.</b>	58 18	13	White skeleton tower, orange triangular daymark point down, black vertical stripe; 56.	Visible on range line only. Seasonal.
6316 H 2571	Stanley Island East Steering light, E. end of island.	45° 03.0' N 74° 33.0' W	<b>F.W.</b>	30 9	13	White cylindrical tower, orange triangular daymark point up; 20.	Visible on bearing 226°. Seasonal.
6324 H 2572	-Stanley Island.	45° 03.0' N 74° 33.3' W	<b>Fl.G.</b> period 4s	33 10	4	White cylindrical tower, green top; 26.	Seasonal.
6332 H 2573	<b>-Stanley Crab.</b>	45° 02.7' N 74° 33.6' W	<b>Iso.W.</b> period 2s	33 10	15	White cylindrical tower, orange triangular daymark point up; 26.	Visible on bearing 083°. Seasonal.
6336 H 2574	-Clark Island, E. head.	45° 02.9' N 74° 34.0' W	<b>Fl.R.</b> period 4s	30 9	4	White cylindrical tower, red top, marked D70; 26.	Seasonal.
6372 H 2576	-McGibbons Point.	45° 02.4' N 74° 36.5' W	<b>F.G.</b>	33 10	10	White cylindrical tower, orange triangular daymark point up, marked D80; 30.	Visible on bearing 263°. Seasonal.
6412 H 2578	-Cornwall Island Range, front.	45° 00.9' N 74° 39.9' W	<b>F.G.</b>	62 19	12	Square skeleton tower, orange daymark, white stripe; 53.	Visible on range line only. Seasonal.
6416 H 2578.1	--Rear, 609 meters 241°10' from front.	45° 00.7' N 74° 40.3' W	<b>F.G.</b>	108 33	12	Square skeleton tower, orange daymark, white stripe; 51.	Visible on range line only. Seasonal.

For other lights along the St. Lawrence Seaway and the Great Lakes see U.S.C.G. Light List Vol. VII, Great Lakes.

#### UNITED STATES-ST. LAWRENCE SEAWAY

6452 H 2601	-Cornwall Island, SE. point (Can.).	45° 00.2' N 74° 40.5' W	<b>Q.R.</b> period 1s	36 11	3	White cylindrical tower, red top; 20.	Seasonal.
6464 H 2601.4	-Cornwall Island (Can.).	45° 00.0' N 74° 41.0' W	<b>Fl.R.</b> period 4s	36 11	4	White cylindrical tower, red top; 20.	Seasonal.
6492 H 2604	-No 10 (Can.).	45° 00.1' N 74° 42.8' W	<b>Dir.W.R.G.</b>	54 16	8	White skeleton tower, orange triangular daymark point up; 43.	F.R. 276°-277°45', F.W.-279°15', F.G.-281°. Seasonal.
			<b>F.R.</b>	51 16	13		Visible on bearing 048°. Seasonal.

#### ST. REGIS ISLAND TO CROIL ISLANDS:

6496 H 2606	-Raquette Point.	44° 59.7' N 74° 43.1' W	<b>Fl.G.</b> period 2.5s	28 9		Pile, green square daymark.	Seasonal.
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For other lights along the St. Lawrence Seaway and the Great Lakes see U.S.C.G. Light List Vol. VII, Great Lakes.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>UNITED STATES-ST. LAWRENCE SEAWAY</b>							
6500 <i>H 2608</i>	-13.	44° 59.6' N 74° 43.4' W	<b>Fl.G.</b> period 4s	28 9		Pile, green square daymark.	Seasonal.
6510 <i>H 2673</i>	St. Lawrence Seaway No 73.	44° 55.5' N 75° 05.8' W	<b>Fl.G.</b> period 2.5s	30 9		Tower, green square daymark.	
	RACON		<b>M(- -)</b>		6		
For other lights along the St. Lawrence Seaway and the Great Lakes see U.S.C.G. Light List Vol. VII, Great Lakes.							
<b>CANADA-ST. LAWRENCE ESTUARY, SOUTH SIDE</b>							
6512 <i>H 2272</i>	Ile de Bellechasse.	46° 55.9' N 70° 46.0' W	<b>Fl.Y.</b> period 6s fl. 1s, ec. 5s	43 13	6	Red and white square skeleton tower; 26.	Operates at night only. Seasonal.
6528 <i>H 2250</i>	Montmagny.	46° 59.2' N 70° 33.1' W	<b>Dir.W.R.G.</b>	24 7	12	Square skeleton tower, marked "FS"; 20.	F.R. 167°15'-167°45', Al.R.W.-168°15', F.W.- 168°45', Al.G.W.-169°15', F.G.-169°45'.
6540 <i>H 2246</i>	-Pointe aux Pins.	47° 02.4' N 70° 34.5' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	36 11	6	Square skeleton tower; 33.	Operates at night only. Seasonal.
6546 <i>H 2238.2</i>	-Ile aux Grues.	47° 03.3' N 70° 31.9' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	36 11	10	On wharf structure; 30.	Operates at night only. Seasonal.
6584 <i>H 2228</i>	Stone Pillar.	47° 12.3' N 70° 21.6' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	83 25	10	Cylindrical tower; 43.	Operates at night only. Seasonal.
6600 <i>H 2226</i>	St. Jean Port Joli.	47° 13.0' N 70° 16.5' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	20 6	5	Square skeleton tower; 16.	Operates at night only. Seasonal.
6652 <i>H 2174</i>	Grande Ile.	47° 37.3' N 69° 51.7' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	115 35	8	Square skeleton tower; 39.	Operates at night only. Seasonal.
6664 <i>H 2172</i>	Long Pilgrim.	47° 43.0' N 69° 44.9' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	143 44	8	Square skeleton tower; 45.	Operates at night only. Seasonal.
6684 <i>H 2164</i>	Brandypot, island, E. head.	47° 52.3' N 69° 40.9' W	<b>Iso.Y.</b> period 2s	119 36	8	Square skeleton tower; 43.	
6692 <i>H 2162</i>	Pointe de la Riviere du Loup.	47° 50.9' N 69° 34.2' W	<b>Iso.G.</b> period 2s	33 10	7	Pipe swing pole; 26.	Operates at night only.
6714 <i>H 2160.5</i>	Cacouna Harbor, N.	47° 55.8' N 69° 31.2' W	<b>Fl.Y.</b> period 6s fl. 1s, ec. 5s	27 8	6	Square skeleton tower; 16.	Operates at night only.
6715 <i>H 2160.6</i>	-S.	47° 55.7' N 69° 31.2' W	<b>Iso.W.</b> period 2s	26 8	6	Square skeleton tower; 16.	Operates at night only.
6715.1 <i>H 2160</i>	-Harbor Range, front.	47° 55.9' N 69° 29.6' W	<b>F.R.</b>	97 30	16	Cylindrical tower, orange trapezoidal daymark, black stripe; 49.	Visible on range line only.
6715.2 <i>H 2160.1</i>	--Rear, 349 meters 082°09' from front.	47° 55.9' N 69° 29.3' W	<b>F.R.</b>	131 40	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 49.	Visible on range line only.

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<b>CANADA-ST. LAWRENCE ESTUARY, SOUTH SIDE</b>							
ILE VERTE:							
6724 H 2146	-NW. point.	48° 03.1' N 69° 25.5' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	56 17	19	White cylindrical tower; 56.	Mercury vapor light.
6732 H 2148	-E. wharf, head.	48° 02.4' N 69° 24.4' W	<b>F.G.</b>	18 6	7	Square skeleton tower; 15.	Operates at night only. Seasonal.
6744 H 2098	Trois Pistoles Range, front.	48° 08.1' N 69° 11.2' W	<b>F.R.</b>	29 9	6	Square skeleton tower, orange trapezoidal daymark, black stripe; 25.	Visible on range line only. Operates at night only. Seasonal.
6748 H 2098.1	-Rear, 241 meters 136°55' from front.	48° 08.0' N 69° 11.1' W	<b>F.R.</b>	56 17	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 50.	Visible on range line only. Operates at night only. Seasonal.
6752 H 2096	Ile aux Basques.	48° 09.0' N 69° 14.3' W	<b>Fl.Y.</b> period 6s fl. 1s, ec. 5s	43 13	7	Square skeleton tower; 30.	Operates at night only. Seasonal. <b>Radar reflector.</b>
6764 H 2086	Ile du Bic, SW. extremity.	48° 23.2' N 68° 53.3' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	36 11	8	Red and white square skeleton tower, orange rectangular daymarks; 31.	Operates at night only. Seasonal.
6768 H 2084	Ile Bicquette.	48° 24.9' N 68° 53.6' W	<b>Fl.W.</b> period 2s	112 34	12	White cylindrical tower.	Visible 011°-295°. Seasonal.
			<b>Fl.R.</b> period 6s		5		Visible 192°-116°. Seasonal.
RIMOUSKI HARBOR:							
6776 H 2072	-Wharf, head.	48° 28.9' N 68° 31.0' W	<b>Iso.G.</b> period 2s	47 14	6	Square skeleton tower; 43.	Operates at night only.
6780 H 2074	-Range, on government wharf, front.	48° 28.1' N 68° 31.1' W	<b>Iso.R.</b> period 1s	37 11	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 37.	Visible on range line only. Emergency light.
6784 H 2074.1	--Rear, 702 meters 178°23' from front.	48° 27.7' N 68° 31.1' W	<b>Iso.R.</b> period 1s	68 21	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 60.	Visible on range line only. Emergency light.
			<b>N(- •)</b>		10		(3 & 10cm).
6800 H 2048	Pointe Mitis.	48° 40.8' N 68° 02.0' W	<b>Fl.(3)W.</b> period 7.5s fl. 0.2s, ec. 1s fl. 0.2s, ec. 1s fl. 0.2s, ec. 4.8s	69 21		Hexagonal tower; 82.	Mercury vapor light. Emergency light. Private light.
MATANE:							
6812 H 2043	-E. breakwater, head.	48° 50.8' N 67° 34.6' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	33 10	16	Square skeleton tower; 23.	
6816 H 2042	-W. breakwater, head.	48° 50.9' N 67° 34.7' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	36 11	6	Square tower; 23.	Operates at night only.
6817 H 2041.2	-E. breakwater, mouth of river.	48° 51.4' N 67° 32.1' W	<b>Fl.G.</b> period 5s fl. 1s, ec. 4s	20 6		Mast.	Seasonal. Private light.
6818 H 2041.3	-W. breakwater.	48° 51.4' N 67° 32.1' W	<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	20 6		Mast.	Seasonal. Private light.
6820 H 2044	-Railway Wharf.	48° 50.6' N 67° 34.4' W	<b>F.R.</b>	24 7	7	Square skeleton tower; 10.	Private light.

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<b>CANADA-ST. LAWRENCE ESTUARY, SOUTH SIDE</b>							
6824 H 2031	Les Mechins East.	49° 00.3' N 66° 58.4' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	26 8	6	Square skeleton tower; 20.	Operates at night only. Seasonal.
6828 H 2032	Le Gros Mechins Wharf.	49° 00.4' N 66° 58.5' W	<b>Fl.Y.</b> period 4s	26 8	5	Square skeleton tower; 22.	Operates at night only. Seasonal. Private light.
6836 H 1852	Ste. Anne des Monts.	49° 08.1' N 66° 29.1' W	<b>Iso.R.</b> period 2s	33 10	7	Square skeleton tower; 26.	Seasonal.
6837 H 1854	-N. breakwater.	49° 08.1' N 66° 29.3' W	<b>Fl.R.</b> period 6s	14 4	3	Structure on breakwater.	Operates at night only. Seasonal.
6838 H 1853	-S. breakwater.	49° 08.0' N 66° 29.3' W	<b>Fl.G.</b> period 6s	10 3	3	Structure on breakwater.	Operates at night only. Seasonal.
6840 H 1846	<b>Petite Tourelle</b> , front.	49° 10.1' N 66° 22.3' W	<b>F.G.</b>	51 16	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 36.	Visible on range line only. Seasonal.
6844 H 1846.1	-Rear, 90.6 meters 204°55' from front.	49° 10.1' N 66° 22.3' W	<b>F.G.</b>	84 26	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 30.	Visible on range line only. Seasonal.
6848 H 1842	<b>La-Martre-de-Gaspe</b> .	49° 12.5' N 66° 10.3' W	<b>L.Fl.(4)W.</b> period 30s fl. 2s, ec. 3s fl. 2s, ec. 3s fl. 2s, ec. 3s fl. 2s, ec. 13s	130 40	17	Red octagonal tower, white stripe; 62.	Emergency light. Private light.
6856 H 1830	<b>Mont Louis</b> Range, front.	49° 13.7' N 65° 43.9' W	<b>Iso.R.</b> period 2s	29 9	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 21.	Visible on range line only. Seasonal.
6860 H 1830.1	-Rear, 116.7 meters 176°05' from front.	49° 13.7' N 65° 43.9' W	<b>Iso.R.</b> period 2s	46 14	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 30.	Visible on range line only. Seasonal.
6868 H 1828	<b>Cap de la Madeleine</b> .	49° 15.0' N 65° 19.6' W	<b>Fl.(3)W.</b> period 27s fl. 0.2s, ec. 4.3s fl. 0.2s, ec. 4.3s fl. 0.2s, ec. 17.8s	148 45	20	White cylindrical tower; 55.	Private light.
6872 H 1826	Grande Vallee, on outer end of the wharf.	49° 13.8' N 65° 08.0' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	33 10	6	Square skeleton tower; 26.	Operates at night only. Seasonal.
6884 H 1808	<b>Cloridorme</b> Range, front.	49° 10.8' N 64° 50.9' W	<b>F.R.</b>	36 11	16	Square skeleton tower, orange rectangular daymark, black stripe; 16.	Visible on range line only. Operates at night only. Seasonal.
6888 H 1808.1	-Rear, 74.2 meters 196°25' from front.	49° 10.8' N 64° 50.9' W	<b>F.R.</b>	72 22	16	Square skeleton tower, orange rectangular daymark, black stripe; 25.	Visible on range line only. Operates at night only. Seasonal.
6892 H 1811	-Wharf, head.	49° 11.2' N 64° 50.9' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	29 9	5	Square skeleton tower; 25.	Operates at night only. Seasonal.
6900 H 1800	<b>L'Anse-a-Valleau</b> .	49° 05.2' N 64° 33.5' W	<b>Fl.W.</b> period 10s	315 96	21	Skeleton tower.	
6906 H 1798	L'Anse-a-Valleau E.	49° 04.9' N 64° 32.6' W	<b>Iso.R.</b> period 2s	56 17	6	Square skeleton tower; 21.	Seasonal.
6914 H 1782	<b>Riviere-au-Renard</b> Wharf.	48° 59.9' N 64° 23.0' W	<b>Fl.G.</b> period 5s fl. 1s, ec. 4s	28 8	19	Square skeleton tower; 21.	Operates at night only. Seasonal.

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<b>CANADA-GULF OF ST. LAWRENCE</b>							
6936 <i>H 1768</i>	<b>Cap des Rosiers.</b>	48° 51.4' N 64° 12.1' W	<b>Oc.W.</b> period 20s fl. 15s, ec. 5s	138 42	24	White round tower; 112.	
6940 <i>H 1770</i>	-Cap des Rosiers East Wharf, N. jetty, head.	48° 50.3' N 64° 12.8' W	<b>Iso.R.</b> period 2s	25 8	4	Pipe swing pole; 21.	Seasonal.
6944 <i>H 1762</i>	<b>Cap Gaspe.</b>	48° 45.1' N 64° 09.8' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	351 107	12	White octagonal tower; 42.	
GASPE BAY:							
6953 <i>H 1757</i>	-Grande-Greve.	48° 47.6' N 64° 13.6' W	<b>Iso.R.</b> period 2s	26 8	4	Pipe swing pole.	Seasonal.
6956 <i>H 1756</i>	<b>-Gros Cap aux Os.</b>	48° 49.5' N 64° 19.0' W	<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	89 27	18	Square skeleton tower; 50.	
6960 <i>H 1754</i>	<b>-Penouille Peninsula Range,</b> front.	48° 51.1' N 64° 25.5' W	<b>F.W.</b>	23 7	19	Square skeleton tower, fluorescent orange trapezoidal daymark, black stripe; 15.	Visible on range line only. Emergency light.
6964 <i>H 1754.1</i>	--Rear, 229.6 meters 307°25' from front.	48° 51.2' N 64° 25.6' W	<b>F.W.</b>	59 18	19	Square skeleton tower, orange trapezoidal daymark, black stripe; 52.	Visible on range line only. Emergency light.
	--RACON		<b>G(-- •)</b>		10		(3 & 10cm).
6972 <i>H 1752.2</i>	-Marina de Gaspe, breakwater.	48° 49.7' N 64° 28.4' W	<b>Iso.Y.</b> period 2s	23 7	5	Red and white square skeleton tower; 15.	Seasonal. F.W., F.R., F.G. lights mark bridge 450 meters W. Private light.
6976 <i>H 1752.4</i>	-Marina de Gaspe, entrance.	48° 49.7' N 64° 28.5' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	23 7	5	Red and white square skeleton tower; 15.	Seasonal. Private light.
6978 <i>H 1740</i>	<b>L'Anse-a-Brillant Range, front.</b>	48° 43.2' N 64° 17.5' W	<b>F.G.</b>	26 8	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 15.	Visible on range line only. Seasonal.
6979 <i>H 1740.1</i>	-Rear, 31 meters 205°10' from front.	48° 43.2' N 64° 17.5' W	<b>F.G.</b>	32 10	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 25.	Visible on range line only. Seasonal.
6980 <i>H 1738</i>	Ile Plate (Flat Rock), off Pointe St. Pierre, N. entrance to bay.	48° 37.6' N 64° 09.4' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	69 21	9	Square skeleton tower, orange rectangular daymark; 42.	
6988 <i>H 1727</i>	Perce, breakwater, head.	48° 31.2' N 64° 12.6' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	26 8	6	Black square mast; 20.	Seasonal.
7004 <i>H 1718</i>	<b>Cap d'Espoir.</b>	48° 25.2' N 64° 19.0' W	<b>L.Fl.(4)W.</b> period 30s fl. 2s, ec. 3s fl. 2s, ec. 3s fl. 2s, ec. 3s fl. 2s, ec. 13s	89 27	17	White octagonal tower; 37.	
7032 <i>H 1703</i>	<b>Chandler E. Sector.</b>	48° 20.5' N 64° 39.5' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	46 14	20	Square skeleton tower; 30.	
7036 <i>H 1706</i>	Dupuis Islet (Ile Dupuis).	48° 20.4' N 64° 40.2' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	41 12	6	Square skeleton tower; 30.	
7038 <i>H 1708</i>	Anse a L'Ilot.	48° 20.6' N 64° 40.1' W	<b>Fl.Y.</b> period 4s fl. 0.5s, ec. 3.5s	23 7	4	Mast; 16.	Private light.
7040 <i>H 1704</i>	<b>Chandler Range, front.</b>	48° 20.8' N 64° 40.4' W	<b>Q.W.</b>	33 10	19	Square skeleton tower, orange trapezoidal daymark, black stripe; 25.	Visible on range line only. Emergency light.

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<b>CANADA-GULF OF ST. LAWRENCE</b>							
7044 <i>H 1704.1</i>	-Rear, 199 meters 321°08' from front.	48° 20.9' N 64° 40.5' W	<b>Q.W.</b>	62 19	19	Square skeleton tower, orange trapezoidal daymark, black stripe; 39.	Visible on range line only. Emergency light.
7052 <i>H 1701</i>	<b>Newport Wharf</b> Range, front.	48° 17.1' N 64° 43.2' W	<b>F.R.</b>	24 7	16	White square skeleton tower, red band, orange trapezoidal daymark, black stripe; 20.	Visible on range line only. Seasonal.
7056 <i>H 1701.1</i>	-Rear, 235.4 meters 341°50' from front.	48° 17.2' N 64° 43.3' W	<b>F.R.</b>	56 17	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 50.	Visible on range line only. Seasonal.
7060 <i>H 1700</i>	Newport Point, on island off the point.	48° 17.0' N 64° 43.1' W	<b>FI.Y.</b> period 6s fl. 1s, ec. 5s	38 12	6	Square skeleton tower; 30.	Seasonal.
CHALEUR BAY:							
7066 <i>H 1687</i>	<b>-Anse aux Gascons</b> Range, front.	48° 11.4' N 64° 51.8' W	<b>F.R.</b>	31 9	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 25.	Visible on range line only. Seasonal.
7067 <i>H 1687.1</i>	--Rear, 70.3 meters 319°26' from front.	48° 11.5' N 64° 51.9' W	<b>F.R.</b>	44 14	16	Square skeleton tower, orange trapezoidal daymark, black stripe; 35.	Visible on range line only. Seasonal.
7068 <i>H 1686</i>	-Ruisseau Chapados, outer end of wharf.	48° 11.4' N 64° 51.6' W	<b>FI.G.</b> period 6s fl. 1s, ec. 5s	16 5	3	Cylindrical mast; 22.	Operates at night only. Seasonal.
7072 <i>H 1680</i>	<b>--West Point.</b>	48° 09.1' N 64° 57.0' W	<b>FI.W.</b> period 5s fl. 1s, ec. 4s	75 23	20	White octagonal tower; 26.	
7080 <i>H 1674</i>	-St. Godefroi, head.	48° 04.3' N 65° 06.8' W	<b>FI.R.</b> period 6s fl. 1s, ec. 5s	26 8	5	Square skeleton tower; 20.	Seasonal.
7092 <i>H 1666</i>	-Paspebiac West.	48° 01.1' N 65° 15.5' W	<b>FI.R.</b> period 6s fl. 1s, ec. 5s	33 10	6	Square mast; 26.	Seasonal.
7093 <i>H 1665</i>	-Paspebiac Breakwater.	48° 01.1' N 65° 15.6' W	<b>FI.G.</b> period 6s fl. 1s, ec. 5s	36 11	7	Square skeleton tower; 23.	Operates at night only. Seasonal.
7097 <i>H 1655</i>	-Bonaventure Range, front.	48° 02.2' N 65° 28.9' W	<b>Iso.R.</b> period 2s	21 6	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 15.	Visible on range line only. Operates at night only. Seasonal.
7098 <i>H 1655.1</i>	--Rear, 142 meters 009°52' from front.	48° 02.2' N 65° 28.9' W	<b>Iso.R.</b> period 2s	29 9	13	Square skeleton tower, orange trapezoidal daymark, black stripe; 26.	Visible on range line only. Operates at night only. Seasonal.
7108 <i>H 1638</i>	<b>-Pointe Tracadigache.</b>	48° 05.2' N 66° 07.5' W	<b>FI.R.</b> period 5s fl. 1s, ec. 4s	30 9	15	White square skeleton tower, red top; 28.	Operates at night only. Seasonal. Private light.
7112 <i>H 1640</i>	-Carleton Wharf.	48° 06.0' N 66° 07.9' W	<b>Iso.Y.</b> period 2s	38 12	8	Square skeleton tower; 30.	Operates at night only. Seasonal.
-Restigouche River:							
7136 <i>H 1633</i>	-Wharf.	48° 00.8' N 66° 39.9' W	<b>FI.G.</b> period 4s fl. 1s, ec. 3s	16 5	4	Square skeleton tower; 16.	Operates at night only. Seasonal.
<b>CANADA-NEW BRUNSWICK-GULF OF ST. LAWRENCE</b>							
7140 <i>H 1618</i>	Dalhousie Wharf.	48° 04.3' N 66° 21.6' W	<b>FI.G.</b> period 4s fl. 1s, ec. 3s	30 9	7	Square skeleton tower, red and white rectangular daymark; 22.	Operates at night only.

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<b>CANADA-NEW BRUNSWICK-GULF OF ST. LAWRENCE</b>							
7144 H 1619	Dalhousie Harbor, E. Range, front.	48° 04.3' N 66° 22.0' W	<b>Q.G.</b>	48	16	Square skeleton tower, white trapezoidal daymark, red stripe; 41.	Visible on range line only.
7148 H 1619.1	-Rear, 57 meters 268°10' from front.	48° 04.3' N 66° 22.0' W	<b>Iso.G.</b> period 4s	59	16	Square skeleton tower, white trapezoidal daymark, red stripe; 51.	Visible on range line only.
7152 H 1620	Dalhousie Island.	48° 04.3' N 66° 21.9' W	<b>Fl.W.</b> period 5s fl. 0.2s, ec. 4.8s	69	15	Square skeleton tower, red and white rectangular daymark, green square in center; 62.	
CHALEUR BAY:							
7156 H 1620.4	--Harbor Range, front.	48° 04.3' N 66° 22.2' W	<b>Q.R.</b>	24	5	Square skeleton tower, white trapezoidal daymark, red stripe; 20.	Visible on range line only. Operates at night only.
7160 H 1620.41	---Rear, 614.4 meters 264°24' from front.	48° 04.3' N 66° 22.7' W	<b>Iso.R.</b> period 4s	30	13	Square skeleton tower, white trapezoidal daymark, red stripe; 25.	Visible on range line only. Operates at night only.
7164 H 1616	-Inch Arran Point Range, front.	48° 03.7' N 66° 21.1' W	<b>Iso.W.</b> period 6s	45	11	White square tower, red top, red stripe; 36.	
7168 H 1616.1	--Rear, 365 meters 286°45' from front.	48° 03.7' N 66° 21.3' W	<b>F.W.</b>	79	11	Square skeleton tower, white trapezoidal daymark, red stripe; 32.	Visible on range line only.
7176 H 1612	-New Mills.	47° 58.5' N 66° 11.4' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	20	4	Pipe swing pole, green, white, and black square daymark; 18.	Seasonal.
7184 H 1609	-Belledune Point.	47° 54.5' N 65° 49.9' W	<b>Oc.G.</b> period 3s lt. 2s, ec. 1s	36	10	Square skeleton tower, green and white rectangular daymarks; 32.	
7188 H 1610	--Breakwater, head.	47° 55.0' N 65° 50.3' W	<b>Oc.R.</b> period 3s lt. 2s, ec. 1s	33	10	Red square skeleton tower, red and white rectangular daymarks; 33.	
7192 H 1608.4	-Green Point, NW. corner of inner wharf.	47° 51.7' N 65° 45.6' W	<b>F.R.</b>	24	10	Square skeleton tower; 23.	
7194 H 1608	--Breakwater, head.	47° 51.7' N 65° 45.7' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	23	4	Square skeleton tower; 12.	Operates at night only. Seasonal.
7196 H 1606	-Petit Rocher.	47° 46.9' N 65° 42.5' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	25	9	Square skeleton tower; 23.	Seasonal.
7240 H 1596	-Stonehaven Wharf.	47° 45.2' N 65° 21.7' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s		10	Pipe swing pole.	Operates at night only. Seasonal.
7241 H 1596.2	-Stonehaven, breakwater.	47° 45.3' N 65° 21.8' W	<b>Fl.G.</b> period 4s	23	5	Pipe swing pole, green and white square daymarks; 12.	Operates at night only. Seasonal.
7252 H 1591.6	-Anse-Bleue wharf.	47° 49.9' N 65° 04.8' W	<b>Fl.G.</b> period 4s	21	4	Pipe swing pole; 17.	Operates at night only. Seasonal.
7254 H 1591.8	-Blue Cove (Anse Bleue) breakwater.	47° 49.9' N 65° 04.9' W	<b>Fl.R.</b> period 4s	26	4	Square skeleton tower; 12.	Operates at night only.
7256 H 1591.4	-Blue Cove (Anse Bleue) Range, front.	47° 49.9' N 65° 04.8' W	<b>F.R.</b>	21	10	Square skeleton tower, white trapezoidal daymark, red stripe; 17.	Visible on range line only.
7260 H 1591.41	--Rear, 338.6 meters 195°04' from front.	47° 49.7' N 65° 04.9' W	<b>F.R.</b>	43	10	Square skeleton tower, white trapezoidal daymark, red stripe; 32.	Visible on range line only.
7264 H 1590	-Maisonnette Point.	47° 50.3' N 65° 00.2' W	<b>Fl.W.</b> period 2.4s fl. 0.4s, ec. 2s	56	14	Square skeleton tower; 43.	

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<b>CANADA-NEW BRUNSWICK-GULF OF ST. LAWRENCE</b>							
-Caraquet Harbor:							
7272 H 1588	--Caraquet Island.	47° 49.4' N 64° 54.3' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	73 22	9	Rectangular skeleton tower, white rectangular daymark; 66.	Operates at night only.
7273 H 1581.7	--Stoke Point Range, front.	47° 48.4' N 64° 51.6' W	<b>F.R.</b>	27 8	14	Square skeleton tower, red trapezoidal daymark, white stripe; 12.	Visible on range line only. Seasonal.
7274 H 1581.71	---Rear, 124 meters 093°46' from front.	47° 48.4' N 64° 51.5' W	<b>F.R.</b>	42 13	14	Square skeleton tower, red trapezoidal daymark, white stripe; 27.	Visible on range line only. Seasonal.
7276 H 1580	--Range, front, below Stoke Point.	47° 48.5' N 64° 50.5' W	<b>F.Y.</b>	27 8	13	White square tower, red stripe; 27.	Seasonal.
7280 H 1580.1	---Rear, 1097 meters 226°47' from front.	47° 48.1' N 64° 51.1' W	<b>F.Y.</b>	66 20	13	Square skeleton tower, white trapezoidal daymark, red stripe; 41.	Seasonal.
7284 H 1582	--Middle Caraquet Wharf.	47° 48.2' N 64° 52.4' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	23 7	9	Square skeleton tower; 20.	Operates at night only. Seasonal.
7288 H 1582.4	--Middle Caraquet, E. Wharf.	47° 48.2' N 64° 52.4' W	<b>Fl.G.</b> period 4s	14 4	4	Square skeleton tower; 12.	Seasonal.
7291 H 1581.5	--Caraquet Middle Range, front.	47° 48.2' N 64° 53.2' W	<b>F.R.</b>	28 9		Square skeleton tower, red trapezoidal daymark, white stripe; 17.	Seasonal.
7291.1 H 1581.51	---Rear, 355 meters 244°07' from front.	47° 48.0' N 64° 53.4' W	<b>F.R.</b>	64 20		Square skeleton tower, red trapezoidal daymark, white stripe; 46.	Seasonal.
7300 H 1583	-Young Wharf, SE. corner.	47° 47.8' N 64° 55.5' W	<b>Q.R.</b>	25 8	9	Pipe swing pole; 20.	Seasonal.
7304 H 1584	-Young Wharf West, NW. corner.	47° 47.9' N 64° 55.8' W	<b>Iso.G.</b> period 2s	18 5	8	Square skeleton tower, green and white rectangular daymark; 16.	Seasonal.
7305 H 1585	<b>-Pointe a Brideau</b> Range, front.	47° 47.8' N 64° 56.2' W	<b>F.W.</b>	25 8	19	Square skeleton tower, white trapezoidal daymark, red stripe; 12.	Seasonal.
7306 H 1585.1	--Rear, 374.8 meters 248°04' from front.	47° 47.7' N 64° 56.5' W	<b>F.W.</b>	44 14	19	White square tower, red stripe; 42.	Seasonal.
-Baie de Shippegan:							
7312 H 1567	--Pointe de Lameque Range, front.	47° 49.0' N 64° 42.3' W	<b>F.W.</b>	29 9	11	Square skeleton tower, black trapezoidal daymark, red stripe; 27.	Visible on range line only. Seasonal.
7316 H 1567.1	---Rear, 281.3 meters 151°15' from front.	47° 48.8' N 64° 42.2' W	<b>F.W.</b>	56 17	11	Square skeleton tower, black trapezoidal daymark, red stripe; 54.	Visible on range line only. Seasonal.
7320 H 1568	--Pointe a Marcelle Range, front.	47° 47.2' N 64° 45.0' W	<b>F.W.</b>	26 8	9	Square skeleton tower, black trapezoidal daymark, red stripe; 21.	Visible on range line only. Seasonal.
7324 H 1568.1	---Rear, 339 meters 194°15' from front.	47° 47.0' N 64° 45.0' W	<b>F.W.</b>	59 18	9	Square skeleton tower, black trapezoidal daymark, red stripe; 56.	Visible on range line only. Seasonal.
7328 H 1567.3	--Pointe a Bernache Range, front.	47° 45.5' N 64° 43.3' W	<b>F.R.</b>		13	Square skeleton tower, black trapezoidal daymark, red stripe; 22.	Seasonal.
7332 H 1567.31	---Rear, 170 meters 179°25' from front.	47° 45.3' N 64° 43.3' W	<b>F.R.</b>	52 16	13	Square skeleton tower, black trapezoidal daymark, red stripe; 52.	Seasonal.
7335 H 1535	--Savoy Landing.	47° 44.9' N 64° 41.5' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	20 6	7	Square skeleton tower; 16.	Operates at night only. Seasonal.

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<b>CANADA-NEW BRUNSWICK-GULF OF ST. LAWRENCE</b>							
7354 H 1564.2	Shippegan Island W. wharf.	47° 53.0' N 64° 34.5' W	<b>Iso.G.</b> period 2s	14 4	5	Green pipe swing pole, black and white square daymark.	Seasonal.
7356 H 1562	-Miscou Wharf.	47° 53.7' N 64° 34.6' W	<b>Iso.R.</b> period 2s	16 5	3	Pipe swing pole, red and white triangular daymark, red central triangle; 13.	Operates at night only. Seasonal.
7358 H 1559	-Harper Point.	47° 53.6' N 64° 34.7' W	<b>Fl.G.</b> period 4s fl. 0.5s, ec. 3.5s	13 4	4	Green pipe swing pole, green and white square daymark; 13.	Operates at night only. Seasonal.
7360 H 1556	-Black Point.	47° 53.1' N 64° 37.4' W	<b>Oc.(2)Y.</b> period 10s lt. 4s, ec. 2s lt. 2s, ec. 2s	58 18	12	Skeleton tower, enclosed center portion, red and white rectangular daymark; 58.	
7368 H 1552	Miscou Island.	48° 00.6' N 64° 29.6' W	<b>Oc.W.</b> period 5s lt. 4s, ec. 1s	79 24	12	White octoganal tower; 83.	
	RACON		<b>K(- • -)</b>		15		(3 & 10cm).
7374 H 1551	Pigeon Hill Wharf.	47° 52.7' N 64° 30.4' W	<b>Iso.R.</b> period 2s	15 4	5	Pipe swing pole, red and white triangular daymark, red triangle in center; 11.	Operates at night only. Seasonal.
7376 H 1550	Fox Dens Gully.	47° 53.2' N 64° 30.2' W	<b>Fl.R.</b> period 4s	15 5	4	Square skeleton tower; 10.	Operates at night only. Seasonal.
7380 H 1542	Ste-Marie-sur-Mer Breakwater.	47° 46.8' N 64° 33.8' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	23 7	3	Square skeleton tower; 11.	Seasonal.
7382 H 1542.5	Ste-Marie-sur-Mer.	47° 46.9' N 64° 34.1' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	51 16	13	Square skeleton tower; 43.	
	SHIPPEGAN GULLY:						
7392 H 1530	-Big Shippegan, on sand bar, E. side of S. entrance.	47° 43.3' N 64° 39.6' W	<b>Fl.Y.</b> period 5s fl. 0.2s, ec. 4.8s	54 16	15	White octagonal tower, red top; 54.	
7396 H 1531	-W. breakwater, head.	47° 43.1' N 64° 40.0' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	15 5	6	Cylindrical mast; 10.	Seasonal.
7400 H 1567.36	-Government wharf Range, front, head.	47° 44.8' N 64° 42.1' W	<b>F.R.</b>	36 11	10	Square skeleton tower, white trapezoidal daymark, red stripe; 31.	Visible on range line only. Seasonal.
7400.1 H 1567.37	--Rear, 453 meters 154°24' from front.	47° 44.6' N 64° 42.0' W	<b>F.R.</b>	56 17	10	Square skeleton tower, white trapezoidal daymark, red stripe; 54.	Visible on range line only. Seasonal.
7402 H 1564	Shippegan Wharf.	47° 44.9' N 64° 42.1' W	<b>Q.R.</b>	18 6	5	Square skeleton tower; 16.	Seasonal.
7418 H 1526.4	-Pokemouche Gully, wharf, SW. corner.	47° 40.2' N 64° 48.7' W	<b>Fl.R.</b> period 4s	19 6	4	Square skeleton tower; 16.	Operates at night only. Seasonal.
7424 H 1521	South Tracadie.	47° 28.8' N 64° 52.3' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	20 6	5	Cylindrical mast; 12.	Operates at night only. Seasonal.
7428 H 1520.5	Val Comeau, wharf, head.	47° 27.9' N 64° 53.0' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	20 6	5	Square skeleton tower; 17.	Operates at night only. Seasonal.
7436 H 1525	North Tracadie Wharf.	47° 31.5' N 64° 54.5' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	21 6	5	Square skeleton tower; 17.	Operates at night only. Seasonal.
7444 H 1517	Lower Neguac Wharf.	47° 15.4' N 65° 03.2' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s		4	Pipe swing pole, red and white triangular day mark.	Seasonal.

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7450 H 1515	Neguac wharf.	47° 14.4' N 65° 04.4' W	<b>Fl.R.</b> period 4s	20 6	4	Cylindrical mast; 10.	Operates at night only. Seasonal.
7452 H 1514	-Burnt Church, E. side of wharf.	47° 11.4' N 65° 08.1' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	23 7	4	Square skeleton tower; 22.	Operates at night only. Seasonal.
7480 H 1446	<b>-Portage Channel Range</b> , on Fox Island front.	47° 07.8' N 65° 02.3' W	<b>F.W.</b>	38 12	18	Square skeleton tower, white trapezoidal daymark, red stripe; 30.	Visible on range line only. Operates at night only.
7484 H 1446.1	--Rear, 373 meters 243°41' from front.	47° 07.7' N 65° 02.5' W	<b>F.W.</b>	62 19	18	Skeleton tower, white trapezoidal daymark, red stripe; 66.	Visible on range line only. Operates at night only. <b>Radar reflector.</b>
	--RACON		<b>G(- - •)</b> period 120s		10		(3cm).
7485 H 1440	<b>-Fox Island</b> , S. Range, front.	47° 05.2' N 64° 58.7' W	<b>Q.W.</b>	28 9	15	Square skeleton tower, red trapezoidal daymark, black stripe; 21.	Visible on range line only. Operates at night only.
7486 H 1440.1	--Rear, 215 meters 248°28' from front.	47° 05.2' N 64° 58.9' W	<b>Iso.W.</b> period 4s	45 14	15	Square skeleton tower, red trapezoidal daymark, black stripe; 41.	Visible on range line only. Operates at night only.
7496 H 1464	-Bay du Vin Island.	47° 05.4' N 65° 06.1' W	<b>F.W.R.G.</b>	31 10	5	Triangular skeleton tower, red and white rectangular daymark; 22.	R. 284°30'-042°, W.-044°, G.- 049°. Operates at night only. Seasonal.
7498 H 1452	-Grand Dune outer Range, front.	47° 06.8' N 65° 02.6' W	<b>Q.W.</b>	28 8	14	Pier, red trapezoidal daymark, black stripe; 26.	Visible on range line only. Operates at night only.
7499 H 1452.1	--Rear, 3499.8 meters 102°11' from front.	47° 06.4' N 64° 59.9' W	<b>Iso.W.</b> period 4s	107 32	17	Triangular skeleton tower, red trapezoidal daymark, black stripe; 99.	Visible on range line only. Operates at night only.
7500 H 1472	-Grand Dune Flats, S. end of Grand Dune Island Range, front.	47° 08.4' N 65° 13.6' W	<b>F.W.</b>	49 15	12	Triangular skeleton tower, red trapezoidal daymark, black stripe; 46.	Visible on range line only.
7504 H 1472.1	--Rear, 1211.3 meters 282°04' from front.	47° 08.6' N 65° 14.6' W	<b>F.W.</b>	87 26	11	Triangular skeleton tower, red trapezoidal daymark, black stripe; 69.	Visible on range line only.
7508 H 1477	-Moody Point Range, front.	47° 06.0' N 65° 19.5' W	<b>Iso.Y.</b> period 1s	33 10	14	Triangular skeleton tower, red daymark, black stripe; 29.	Visible on range line only. Operates at night only.
7512 H 1477.1	--Rear, about 1810 meters 257°24' from front.	47° 05.8' N 65° 20.9' W	<b>Iso.Y.</b> period 4s	62 19	17	Triangular skeleton tower, red daymark, black stripe; 46.	Visible on range line only. Operates at night only.
7516 H 1478	-Oak Channel Range, front.	47° 04.3' N 65° 19.2' W	<b>Iso.Y.</b> period 2s	29 9	12	Triangular skeleton tower, red trapezoidal daymark, white stripe; 20.	Visible on range line only.
7520 H 1478.1	--Rear, 1200 meters 223°13' from front.	47° 03.9' N 65° 19.8' W	<b>Fl.Y.</b> period 3s fl. 1s, ec. 2s	69 21	13	Triangular skeleton tower, red trapezoidal daymark, white stripe; 52.	Visible on range line only.
7521 H 1479	-Oak Point Range, front.	47° 06.8' N 65° 16.5' W	<b>Iso.W.</b> period 1s	28 9	14	Triangular skeleton tower, red daymark, black stripe; 18.	Visible on range line only.
7522 H 1479.1	--Rear, 1325 meters, 024°08' from front.	47° 07.5' N 65° 16.1' W	<b>Iso.W.</b> period 4s	56 17	10	Triangular skeleton tower, red daymark, black stripe; 25.	Visible on range line only.
7532 H 1491	-Grants Beach Range, front.	47° 05.1' N 65° 22.5' W	<b>Iso.R.</b> period 1s	69 21	10	Triangular skeleton tower, red daymark, black stripe; 42.	Visible on range line only.
7536 H 1491.1	--Rear, 876 meters 278°03' from front.	47° 05.1' N 65° 23.2' W	<b>Iso.R.</b> period 4s	134 41	16	Triangular skeleton tower, red trapezoidal daymark, black stripe; 76.	Visible on range line only.
7540 H 1493	-St. Andrews Bank Range, front.	47° 04.2' N 65° 25.1' W	<b>Iso.Y.</b> period 2s	30 9	6	Triangular skeleton tower, red trapezoidal daymark, black stripe; 16.	Visible on range line only.
7544 H 1493.1	--Rear, 294 meters 247°53' from front.	47° 04.2' N 65° 25.3' W	<b>Fl.Y.</b> period 3s fl. 1s, ec. 2s	45 14	7	Triangular skeleton tower, red trapezoidal daymark, black stripe; 20.	Visible on range line only.

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<b>CANADA-NEW BRUNSWICK-GULF OF ST. LAWRENCE</b>							
7548 H 1494	-Leggett Shoal Range, front.	47° 04.7' N 65° 23.9' W	<b>Iso.R.</b> period 1s	46 14	6	Pipe swing pole, red daymark, black stripe.	Visible on range line only.
7552 H 1494.1	--Rear, 309 meters 043°27' from front.	47° 04.8' N 65° 23.8' W	<b>Iso.R.</b> period 4s	70 21	16	Triangular skeleton tower, red trapezoidal daymark, black stripe; 14.	Visible on range line only.
7553 H 1492	-Lower Newcastle Range, front.	47° 04.5' N 65° 24.6' W	<b>Iso.W.</b> period 1s	42 13	9	Triangular skeleton tower, red daymark, black stripe; 19.	Visible on range line only.
7554 H 1492.1	--Rear, 467 meters 256°15' from front.	47° 04.5' N 65° 24.9' W	<b>Iso.W.</b> period 4s	72 22	9	Triangular skeleton tower, red daymark, black stripe; 19.	Visible on range line only.
7556 H 1496	-Millbank Range, front.	47° 03.4' N 65° 27.6' W	<b>Iso.R.</b> period 1s	53 16	8	Triangular skeleton tower, red daymark, black stripe; 20.	Visible on range line only.
7560 H 1496.1	--Rear, 306 meters 252°26' from front.	47° 03.3' N 65° 27.8' W	<b>Iso.R.</b> period 4s	102 31	9	Triangular skeleton tower, red daymark, black stripe; 39.	Visible on range line only.
7564 H 1505	-Chatham Bridge Pier, N.	47° 01.7' N 65° 28.8' W	<b>Iso.R.</b> period 2s	25 8	4	Square skeleton tower; 17.	Operates at night only.
7568 H 1505.2	--S.	47° 01.6' N 65° 28.7' W	<b>Iso.G.</b> period 2s	25 8	4	Square skeleton tower; 17.	Operates at night only.
7580 H 1424	Point Escuminac.	47° 04.4' N 64° 47.9' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	72 22	13	White hexagonal tower, red top; 73.	Visible 120°-110°. <b>Horn:</b> 2 bl. ev. 60s (bl. 3s, si. 3s, bl. 3s, si. 51s).
7581 H 1430	Escuminac.	47° 05.0' N 64° 53.2' W	<b>L.Fl.Y.</b> period 6s fl. 2s, ec. 4s	27 8	11	Square skeleton tower, red rectangular daymark, white band; 23.	
7592 H 1418.2	Point Sapin Sector.	46° 57.8' N 64° 49.8' W	<b>F.W.R.G.</b>		13	Square skeleton tower.	R. 002°07'-003°52'. W- 005°52', G.-023°52'. Seasonal.
7597 H 1419	Point Sapin.	46° 57.7' N 64° 49.8' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	23 7	5	Square skeleton tower, red and white rectangular daymark; 21.	Operates at night only. Seasonal.
7598 H 1418.5	-Point Sapin, outer breakwater.	46° 57.6' N 64° 49.8' W	<b>Fl.W.</b> period 4s fl. 0.1s, ec. 3.9s		8	Square skeleton tower, red and white rectangular daymark.	Operates at night only. Seasonal.
<b>RICHIBUCTO HARBOR:</b>							
7632 H 1394	-Pile Sheet Range, front.	46° 43.0' N 64° 48.0' W	<b>Q.W.</b>	26 8	6	Square skeleton tower, white trapezoidal daymark, red stripe; 22.	Seasonal.
7636 H 1394.1	--Rear, 239 meters 045°48' from front.	46° 43.0' N 64° 47.9' W	<b>Iso.W.</b> period 4s	45 14	6	Square skeleton tower, white trapezoidal daymark, red stripe; 32.	Seasonal.
7640 H 1400	-Fagan Point Range, W. side of South Beach, front.	46° 42.5' N 64° 48.0' W	<b>Q.R.</b>	26 8	13	Square skeleton tower, white trapezoidal daymark, red stripe; 16.	Visible on range line only. Seasonal.
7644 H 1400.1	--Rear, 296 meters 065°44' from front.	46° 42.6' N 64° 47.8' W	<b>Iso.R.</b> period 4s	36 11	14	Square skeleton tower, white trapezoidal daymark, red stripe; 31.	Visible on range line only. Seasonal.
7648 H 1402	-Town Range, front.	46° 40.8' N 64° 51.8' W	<b>Q.G.</b>	50 15	13	Square skeleton tower, white trapezoidal daymark, red stripe; 42.	Visible on range line only. Seasonal.
7652 H 1402.1	--Rear, 285 meters 227°27' from front.	46° 40.7' N 64° 51.9' W	<b>Iso.G.</b> period 4s	75 23	11	Square skeleton tower, white trapezoidal daymark, red stripe; 62.	Visible on range line only. Seasonal.
7656 H 1378	Richibucto Cape, breakwater.	46° 40.4' N 64° 42.6' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	14 4	5	Cylindrical mast; 9.	Operates at night only. Seasonal.
7660 H 1376	Richibucto Head.	46° 40.2' N 64° 42.7' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	59 18	14	White square tower, red top; 34.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-NEW BRUNSWICK-GULF OF ST. LAWRENCE</b>							
7664 H 1374	Chockpish, on N. breakwater.	46° 35.0' N 64° 43.2' W	<b>Fl.R.</b> period 4s	20 6	3	Cylindrical mast; 10.	Seasonal.
7666 H 1375.1	-Rear, 110 meters 271°02' from front.	46° 34.9' N 64° 43.9' W	<b>F.Y.</b>	23 7	13	Square skeleton tower; 22.	Visible on range line only. Seasonal.
7668 H 1372	St. Edouard de Kent wharf.	46° 32.4' N 64° 41.9' W	<b>Fl.R.</b> period 5s fl. 0.2s, ec. 4.8s	17 5	13	Square skeleton tower, red and white rectangular daymark; 13.	Seasonal.
7680 H 1362	-Buctouche Bar.	46° 27.7' N 64° 36.8' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	36 11	7	White square tower; 37.	Seasonal.
7700 H 1360	St. Thomas-de-Kent, NW. corner of wharf.	46° 26.9' N 64° 38.2' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	17 5	5	Square skeleton tower; 10.	Operates at night only. Seasonal.
7703 H 1359	Cockagne Bar Wharf.	46° 24.5' N 64° 36.9' W	<b>Fl.R.</b> period 3s fl. 1s, ec. 2s	20 6	4	Square skeleton tower; 17.	Seasonal.
7720 H 1352	Cocagne Cape Wharf, SW. corner.	46° 21.3' N 64° 34.5' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s		6	Pipe swing pole, green, white and black square daymark; 10.	Seasonal.
7724 H 1350	Caissie Point.	46° 19.2' N 64° 30.8' W	<b>L.Fl.(2)Y.</b> period 12s fl. 2s, ec. 2s fl. 2s, ec. 6s	46 14	11	White square tower, red top; 45.	
7728 H 1348	-Breakwater, head.	46° 18.8' N 64° 30.6' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	19 6	5	Square skeleton tower; 16.	Seasonal.
SHEDIAC HARBOR:							
7750 H 1334	-Yacht Club Breakwater.	46° 13.7' N 64° 32.8' W	<b>Fl.G.</b> period 4s	17 5	4	Pipe swing pole, green and white square daymarks; 12.	Operates at night only.
7756 H 1325.1	Cape Bald (L'Aboiteau).	46° 13.9' N 64° 17.9' W	<b>Fl.G.</b> period 3s fl. 1s, ec. 2s	33 10	4	Square skeleton tower, green and white square daymark, black square in center; 27.	Operates at night only.
7764 H 1324	Bas-Cap-Pele.	46° 14.1' N 64° 15.7' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	42 13	11	Square skeleton tower, red and white rectangular daymark; 22.	Seasonal.
7766 H 1326	Robichaud wharf.	46° 13.5' N 64° 23.0' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	20 6	6	Square skeleton tower; 17.	Seasonal.
7768 H 1324.4	Cape Bald wharf, on end of wharf.	46° 14.2' N 64° 15.7' W	<b>Fl.R.</b> period 3s fl. 1s, ec. 2s	20 6	4	Square skeleton tower; 17.	Operates at night only. Seasonal.
7772 H 1323	Little Cape Breakwater, SE. corner.	46° 12.0' N 64° 09.8' W	<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	36 11	10	Square skeleton tower; 33.	Seasonal.
7774 H 1322	Little Cape, outer breakwater.	46° 11.9' N 64° 09.7' W	<b>Fl.R.</b> period 4s	23 7	4	Square skeleton tower; 11.	Operates at night only. Seasonal.
7786 H 1319.2	Murray corner.	46° 10.4' N 63° 57.3' W	<b>Fl.(3)W.</b> period 12s	59 18			Private light.
7812 H 1313	Cape Tormentine, Fisherman's wharf.	46° 08.0' N 63° 46.7' W	<b>Fl.G.</b> period 4s	23 7	3	Pipe swing pole, green and white square daymark; 11.	Operates at night only. Seasonal.
7816 H 1316	Cape Tormentine Harbor breakwater.	46° 08.0' N 63° 46.2' W	<b>Fl.G.</b> period 3s fl. 1s, ec. 2s	18 6	4	Square skeleton tower, two green and white square daymarks, black square in center; 11.	Operates at night only. Seasonal.
7819 H 1313.1	-Inner wharf.	46° 08.0' N 63° 46.5' W	<b>Fl.R.</b> period 3s	20 6	6	Round mast; 12.	Operates at night only. Seasonal.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
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**CANADA-NEW BRUNSWICK-GULF OF ST. LAWRENCE**

7824 H 1308	-Outer wharf.	46° 08.1' N 63° 46.3' W	<b>Iso.R.</b> period 2s	39 12	5	White square tower, white daymark, red stripe; 33.	Seasonal.
7844 H 1304	Fort Monckton Point (Old Fort Point).	46° 02.6' N 64° 04.2' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	31 10	7	Round tower, red and white bands, red top; 24.	Seasonal.

# Section 5

## South Side of Gulf of St. Lawrence Including Prince Edward Island, Magdalen Islands and Cape Breton Island

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-PRINCE EDWARD ISLAND-GULF OF ST. LAWRENCE</b>							
7851 <i>H 1074.4</i>	Skinners Pond, N. breakwater.	46° 58.0' N 64° 07.5' W	<b>Fl.G.</b> period 4s fl. 0.5s, ec. 3.5s	14 4	4	Cylindrical mast; 10.	Seasonal.
7851.5 <i>H 1074</i>	-S. breakwater, N. head.	46° 58.0' N 64° 07.6' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	13 4	3	Cylindrical mast; 10.	Seasonal.
7852 <i>H 1076</i>	<b>North Cape.</b>	47° 03.5' N 63° 59.7' W	<b>Fl.Y.</b> period 5s fl. 1s, ec. 4s	78 24	18	White octagonal tower, red top; 62.	R. lights on radio mast close S.
7856 <i>H 1078</i>	North Point East, S. breakwater, head.	47° 01.9' N 63° 59.3' W	<b>Fl.G.</b> period 3s fl. 1s, ec. 2s	21 6	5	Pipe swing pole, green and white square daymark; 15.	Seasonal.
7865 <i>H 1081.4</i>	Big Tignish Breakwater.	46° 57.1' N 63° 59.7' W	<b>Q.R.</b>	23 7	5	Cylindrical mast; 17.	Operates at night only. Seasonal.
7892 <i>H 1094</i>	<b>Cascumpeque Island</b> Northport Range, near outer end of railway wharf, front.	46° 47.7' N 64° 03.6' W	<b>Q.G.</b>	30 9	15	Square skeleton tower, white rectangular daymark, red stripe; 26.	Visible on range line only. Seasonal.
7896 <i>H 1094.1</i>	-Rear, 273 meters 244°54' from front.	46° 47.6' N 64° 03.9' W	<b>Iso.G.</b> period 4s	43 13	15	White square tower, red stripe; 37.	Visible on range line only. Seasonal.
7948 <i>H 1129</i>	Cape Tryon.	46° 32.0' N 63° 30.4' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	110 33	8	White square tower, red top; 41.	
7956 <i>H 1130.05</i>	New London.	46° 30.7' N 63° 29.2' W	<b>Iso.W.</b> period 4s	43 13	7	White square tower, red top; 43.	Seasonal.
<b>NORTH RUSTICO HARBOR:</b>							
7968 <i>H 1140</i>	-Northern Breakwater.	46° 27.4' N 63° 17.3' W	<b>Fl.R.</b> period 3s fl. 1s, ec. 2s	9 3	3	Cylindrical mast; 6.	Seasonal.
7972 <i>H 1141</i>	-North Rustico Harbor.	46° 27.3' N 63° 17.5' W	<b>Iso.Y.</b> period 10s	41 12	13	White square tower, red top; 34.	
7976 <i>H 1142</i>	-N. Rustico, inner breakwater.	46° 27.2' N 63° 17.5' W	<b>Iso.R.</b> period 4s	25 8	4	Pipe swing pole; 22.	Seasonal.
7992 <i>H 1149</i>	Covehead Bridge.	46° 25.8' N 63° 08.8' W	<b>Fl.W.</b> period 4s	28 8	5	Cylindrical mast; 8.	Operates at night only. Seasonal.
7996 <i>H 1150</i>	Cape Stanhope (Covehead Harbor).	46° 25.8' N 63° 08.6' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	36 11	11	White square tower, red top; 27.	Seasonal. <b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 005°. Private light.
8000 <i>H 1156</i>	Grand Tracadie, wharf.	46° 24.2' N 63° 01.7' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	15 5	2	Cylindrical mast, red and white triangular daymark, red triangle in center; 12.	Seasonal.
8020 <i>H 1160</i>	Savage Harbor.	46° 26.0' N 62° 49.9' W	<b>Fl.W.</b> period 4s	16 5	3	Pipe swing pole; 11.	Operates at night only. Seasonal.
8036 <i>H 1168</i>	Shipwreck Point.	46° 28.1' N 62° 25.5' W	<b>Oc.W.</b> period 5s lt. 3s, ec. 2s	84 26	12	White octagonal tower, red top; 44.	
8048 <i>H 1170.4</i>	Naufrage, W. breakwater.	46° 28.2' N 62° 25.2' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	17 5	4	Pipe swing pole, red, white and red triangular daymark; 11.	Seasonal.

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<b>CANADA-PRINCE EDWARD ISLAND-GULF OF ST. LAWRENCE</b>							
8052 <i>H 1170.3</i>	-E. breakwater, head.	46° 28.2' N 62° 25.2' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	16 5	4	Pipe swing pole, green, white and black square daymark; 11.	Seasonal.
8060 <i>H 1173</i>	North Lake Harbor Range, front.	46° 28.1' N 62° 04.1' W	<b>Q.G.</b>	26 8	11	Square skeleton tower, white trapezoidal daymark, red stripe; 16.	Visible on range line only. Operates at night only. Seasonal.
8064 <i>H 1173.1</i>	-Rear, 328 meters 204°34' from front.	46° 27.9' N 62° 04.2' W	<b>Iso.G.</b> period 4s	49 15	15	Square skeleton tower, white trapezoidal daymark, red stripe; 36.	Visible on range line only. Operates at night only. Seasonal.
8065 <i>H 1174</i>	-W. breakwater, head.	46° 28.2' N 62° 04.2' W	<b>Iso.R.</b> period 2s	24 7	5	Pipe swing pole, red and white triangular daymarks, red triangles in center; 16.	Seasonal.
8072 <i>H 0920</i>	East Point.	46° 27.1' N 61° 58.3' W	<b>L.Fl.W.</b> period 5s fl. 2s, ec. 3s	89 27	11	White octagonal tower, red top; 64.	
SOURIS HARBOR:							
8084 <i>H 0922</i>	-Souris East.	46° 20.8' N 62° 14.8' W	<b>Iso.W.</b> period 4s	89 27	13	White square tower, red top; 47.	Operates at night only.
8088 <i>H 0924</i>	-E. breakwater, near extremity.	46° 20.9' N 62° 15.3' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	36 11	8	Square skeleton tower; 30.	
8092 <i>H 0928</i>	<b>Annandale</b> Range, front.	46° 15.5' N 62° 25.3' W	<b>Q.W.</b>	31 10	15	White square tower, red stripe; 17.	Visible on range line only. Seasonal.
8096 <i>H 0928.1</i>	-Rear, 1376 meters 303°50' from front.	46° 16.0' N 62° 26.3' W	<b>Iso.W.</b> period 4s	76 23	18	White square tower, red stripe; 66.	Visible on range line only. Seasonal.
8100 <i>H 0925</i>	Fortune Bay, N. wharf.	46° 19.7' N 62° 21.1' W	<b>F.W.R.G.</b>	23 7	9	Square skeleton tower, red and white rectangular daymark; 17.	R. 265°-280°, W.-282°, G.-291°. Seasonal.
8104 <i>H 0930</i>	Launching Pond, breakwater, head.	46° 13.2' N 62° 24.5' W	<b>Fl.R.</b> period 3s fl. 1s, ec. 2s	16 5	4	Cylindrical mast; 12.	Seasonal. Private light.
8106 <i>H 0931</i>	-S. breakwater.	46° 13.2' N 62° 24.6' W	<b>Fl.G.</b> period 4s	16 5	4	Cylindrical mast; 12.	Seasonal. Private light.
CARDIGAN BAY:							
8108 <i>H 0932</i>	<b>-Panmure Head.</b>	46° 08.7' N 62° 28.0' W	<b>Fl.W.</b> period 4s	82 25	19	White octagonal tower, red top; 61.	
8120 <i>H 0939</i>	-Lower Montague Wharf, NE. corner.	46° 10.2' N 62° 33.8' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	20 6	5	Pipe swing pole; 16.	Seasonal.
8128 <i>H 0949</i>	-Graham Pond, on N. breakwater.	46° 05.8' N 62° 27.1' W	<b>Iso.R.</b> period 4s	20 6	6	Square skeleton tower; 16.	Seasonal.
8132 <i>H 0949.2</i>	--S. breakwater.	46° 05.7' N 62° 27.1' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	13 4	4	Square skeleton tower; 10.	Seasonal.
8140 <i>H 0954</i>	Murray Harbor Range, front.	46° 01.3' N 62° 28.7' W	<b>Fr.</b>	21 6	10	White square tower, red stripe, red top; 23.	Visible on range line only. Seasonal.
8144 <i>H 0954.1</i>	-Rear, 1360.9 meters 234°04' from front.	46° 00.8' N 62° 29.6' W	<b>Fr.</b>	58 18	10	White square tower, red stripe, red top; 45.	Visible on range line only. Seasonal.
8148 <i>H 0956</i>	-Beach Point Breakwater.	46° 01.0' N 62° 29.3' W	<b>Fl.G.</b> period 4s	15 5	4	Square skeleton tower; 12.	Seasonal.
8156 <i>H 0950</i>	Cape Bear, head.	46° 00.2' N 62° 27.6' W	<b>L.Fl.Y.</b> period 6s fl. 2s, ec. 4s	56 17	10	Square skeleton tower, red and white rectangular daymarks; 27.	
8164 <i>H 0962</i>	Wood Island.	45° 57.0' N 62° 44.7' W	<b>Iso.W.</b> period 10s	72 22	12	White square tower, red top; 50.	

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<b>CANADA-PRINCE EDWARD ISLAND-GULF OF ST. LAWRENCE</b>							
8184 <i>H 0978</i>	Pinette River Outer Range, front.	46° 03.3' N 62° 57.3' W	<b>F.W.</b>	33 10	11	Square skeleton tower, white trapezoidal daymark, red stripe; 17.	Visible on range line only. Seasonal.
8188 <i>H 0978.1</i>	--Rear, 302 meters 017°56' from front.	46° 03.4' N 62° 57.2' W	<b>F.W.</b>	46 14	11	Square skeleton tower, white trapezoidal daymark, red stripe; 32.	Seasonal.
8192 <i>H 0982</i>	<b>Prim Point.</b>	46° 03.0' N 63° 02.4' W	<b>Fl.W.</b> period 5s fl. 0.2s, ec. 4.8s	68 21	18	White cylindrical tower, red top; 60.	
8216 <i>H 0996</i>	St. Peters Island, SE. side.	46° 07.0' N 63° 10.8' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	68 21	10	White square tower, red top; 30.	Operates at night only.
8220 <i>H 0998</i>	Nine Mile Creek, wharf.	46° 08.9' N 63° 13.1' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	18 5	5	Pipe swing pole, red and white rectangular daymark, red triangle in center; 16.	Seasonal.
CHARLOTTETOWN HARBOR:							
8228 <i>H 1006</i>	<b>-Haszard Point</b> Range, front.	46° 11.7' N 63° 04.4' W	<b>F.W.</b>	60 18	15	Red pyramid tower, black stripe; 56.	Visible on range line only.
8232 <i>H 1006.1</i>	--Rear, 650.1 meters 019°19' from front.	46° 12.0' N 63° 04.3' W	<b>F.W.</b>	152 46	15	Red pyramid tower, black stripe; 46.	Visible on range line only.
8236 <i>H 1008</i>	-Blockhouse Point.	46° 11.4' N 63° 07.8' W	<b>Oc.W.</b> period 4s fl. 3s, ec. 1s	59 18	12	White square tower, red top; 40.	
8240 <i>H 1012</i>	<b>-Brighton Beach</b> Range, front.	46° 13.8' N 63° 08.9' W	<b>F.Y.</b>	36 11	19	White square tower, red stripe, red top; 41.	Visible on range line only.
8244 <i>H 1012.1</i>	--Rear, 398 meters 336°56' from front.	46° 14.0' N 63° 09.0' W	<b>F.Y.</b>	86 26	19	White hexagonal tower, red stripe; 60.	Visible on range line only.
8248 <i>H 1016</i>	-Warren Cove Range, W. side of harbor, front.	46° 11.9' N 63° 08.3' W	<b>F.Y.</b>	56 17	12	White square tower, red stripe, red top; 36.	
8252 <i>H 1016.1</i>	--Rear, 328 meters 197°39' from front.	46° 11.8' N 63° 08.4' W	<b>F.Y.</b>	69 21	12	White square tower, red stripe, red top; 25.	
8253 <i>H 1018</i>	-Peakes Quay Marina.	46° 13.9' N 63° 07.3' W	<b>Q.G.</b>		3	Round mast; 7.	Seasonal. Private light.
8260 <i>H 1024</i>	Charlottetown AVIATION LIGHT.	46° 17.0' N 63° 08.0' W	<b>Fl.W.</b> period 10s	250 76		Tower; 75.	
CRAPAUD:							
8292 <i>H 1039</i>	-Port Borden Pier, head.	46° 14.7' N 63° 42.0' W	<b>Iso.G.</b> period 4s	33 10	7	White square tower, red top; 28.	Seasonal.
8304 <i>H 1044</i>	-Port Borden breakwater.	46° 14.6' N 63° 41.8' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	16 5	3	Cylindrical mast; 9.	Seasonal.
8306 <i>H 1039.4</i>	-Confederation Bridge, on each side of navigation span.	46° 12.6' N 63° 45.1' W	<b>2 Iso.W.</b> period 6s	166 51	13	On bridge.	Private light.
8306.1 <i>H 1039.5</i>	--SE. side.	46° 12.6' N 63° 45.1' W	<b>Dir.W.R.G.</b>	210 64		On bridge.	F.R. 308°39'-310°39', F.W.-311°39', F.G.-313°39'. Private light.
8306.2 <i>H 1039.6</i>	--NW. side.	46° 12.6' N 63° 45.2' W	<b>Dir.W.R.G.</b>	210 64		On bridge.	F.G. 129°08'-131°08', F.W.-132°08', F.R.-134°08'. Private light.
8306.3 <i>H 1039.7</i>	--Pier 22. SW. side.	46° 12.6' N 63° 45.2' W	<b>2 F.G.</b>	54 16	11	On bridge.	On N. and S. sides. Private light.
	--RACON		<b>B(- • • •)</b>		30		(3 & 10cm).

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<b>CANADA-PRINCE EDWARD ISLAND-GULF OF ST. LAWRENCE</b>							
8306.4 <i>H 1039.8</i>	--Pier 21. SW. side.	46° 12.7' N 63° 45.1' W	<b>2 F.R.</b>	54 16	11	On bridge.	On N. and S. sides. Private light.
	--RACON		<b>T(-)</b>		30		(3 & 10cm).
8308 <i>H 1046</i>	Seacow Head.	46° 19.0' N 63° 48.6' W	<b>Fl.(2)W.</b> period 12s fl. 2s, ec. 2s fl. 2s, ec. 6s	88 27	12	White octagonal tower, red top; 60.	
8310 <i>H 1045</i>	Richmond Cove.	46° 19.1' N 63° 47.2' W	<b>Fl.(3)W.</b> period 12s	59 18			Private light.
SUMMERSIDE HARBOR:							
8316 <i>H 1048</i>	-Indian Head.	46° 22.8' N 63° 49.0' W	<b>Iso.W.</b> period 10s	46 14	10	White octagonal tower, red top; 42.	Operates at night only.
8318 <i>H 1054</i>	-Marina.	46° 23.3' N 63° 47.2' W	<b>Fl.R.</b> period 4s	17 5	7	Square skeleton tower, red and white rectangular daymark, red triangle in center; 11.	Visible 269°-029°. Seasonal.
8320 <i>H 1050</i>	-Range, on railway wharf, front.	46° 23.2' N 63° 47.4' W	<b>F.G.</b>	35 11	14	Square skeleton tower, white trapezoidal daymark, red stripe; 30.	Visible on range line only.
8324 <i>H 1050.1</i>	--Rear, 1436 meters 072°04' from front.	46° 23.5' N 63° 46.3' W	<b>F.G.</b>	81 25	16	White pyramid tower, red stripe, red top; 66.	Visible on range line only.
8328 <i>H 1056</i>	Cape Egmont.	46° 24.1' N 64° 08.1' W	<b>L.Fl.W.</b> period 5s fl. 2s, ec. 3s	65 20	12	White square tower, red top; 41.	
FISHING COVE:							
8332 <i>H 1057</i>	-Outer End, inner breakwater.	46° 24.4' N 64° 08.1' W	<b>L.Fl.R.</b> period 6s fl. 2s, ec. 4s	26 8	4	Pipe swing pole, red and white triangular daymark; 23.	Seasonal.
8336 <i>H 1057.5</i>	-Fishing Cove, W. breakwater, S. head.	46° 24.4' N 64° 08.1' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	10 3	4	Cylindrical mast; 10.	Seasonal.
8340 <i>H 1058</i>	Canoe Gully Outer Range, front.	46° 26.9' N 64° 06.4' W	<b>F.Y.</b>	20 6	13	Square skeleton tower, white trapezoidal daymark, red stripe; 16.	Visible on range line only. Seasonal.
8344 <i>H 1058.1</i>	-Rear, 176 meters 105°49' from front.	46° 26.9' N 64° 06.2' W	<b>F.Y.</b>	33 10	13	Square skeleton tower, white trapezoidal daymark, red stripe; 26.	Visible on range line only. Seasonal.
8356 <i>H 1060</i>	Egmont Bay Wharf, SW. corner.	46° 26.4' N 64° 06.8' W	<b>Fl.G.</b> period 4s		3	Pipe swing pole, green, white and black square daymark.	Seasonal.
8360 <i>H 1062</i>	West Point.	46° 37.2' N 64° 23.2' W	<b>Iso.W.</b> period 12s	66 20	12	White square tower, black bands, red top; 68.	Private light.
8376 <i>H 1068</i>	Seal Point wharf, (Howard Cove).	46° 44.4' N 64° 22.7' W	<b>Iso.R.</b> period 2s	27 8	4	Square skeleton tower, red and white rectangular daymark, red triangle in center; 21.	
8380 <i>H 1068.1</i>	Howards Cove, near Seal Point.	46° 44.4' N 64° 22.6' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	46 14	12	White square tower, red top; 19.	Seasonal.
8384 <i>H 1073.1</i>	Miminegash, N. breakwater.	46° 52.8' N 64° 14.1' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s		4	Square skeleton tower, green and white rectangular daymark.	Seasonal.
<b>CANADA-MAGDALEN ISLANDS-GULF OF ST. LAWRENCE</b>							
8402 <i>H 0907.5</i>	-Millerand, breakwater.	47° 12.9' N 61° 59.0' W	<b>Iso.R.</b> period 2s	22 7	4	Mast; 9.	Seasonal.

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<b>CANADA-MAGDALEN ISLANDS-GULF OF ST. LAWRENCE</b>							
8420 <i>H 0913.4</i>	Etang du Nord, N. breakwater.	47° 22.2' N 61° 57.7' W	<b>Fl.G.</b> period 3s fl. 1s, ec. 2s	16 5	4	Mast; 9.	Operates at night only. Seasonal.
8422 <i>H 0913.5</i>	-S. breakwater, head.	47° 22.2' N 61° 57.7' W	<b>Fl.R.</b> period 3s fl. 1s, ec. 2s	13 4	4	Mast; 9.	Operates at night only. Seasonal.
8423 <i>H 0903</i>	House Harbor bridge, port.	47° 24.3' N 61° 50.5' W	<b>Iso.G.</b> period 2s		5	On bridge, black, green and white square daymark.	Operates at night only. Seasonal.
8423.5 <i>H 0903.5</i>	-Starboard.	47° 24.4' N 61° 50.5' W	<b>Iso.R.</b> period 2s		5	On bridge, red and white triangular daymark.	Operates at night only. Seasonal.
8424 <i>H 0886</i>	Brion Island, near W. extremity.	47° 46.9' N 61° 30.5' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	131 40	9	White octagonal tower; 44.	Operates at night only.
8432 <i>H 0882</i>	Bird Rocks.	47° 50.3' N 61° 08.7' W	<b>L.Fl.W.</b> period 8s fl. 2s, ec. 6s	161 49	9	Square skeleton tower; 34.	Operates at night only.
8444 <i>H 0888</i>	<b>Grand Entry Harbor</b> Range, front.	47° 33.4' N 61° 33.7' W	<b>F.R.</b>	21 6	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 16.	Visible on range line only. Operates at night only.
8448 <i>H 0888.1</i>	-Rear, 63 meters 025°57' from front.	47° 33.4' N 61° 33.7' W	<b>F.R.</b>	34 10	15	Square skeleton tower, orange trapezoidal daymark, black stripe; 33.	Visible on range line only. Operates at night only.
8469 <i>H 0915.4</i>	Grindstone (Cap-aux-Meules), W. breakwater.	47° 22.6' N 61° 51.4' W	<b>Iso.R.</b> period 2s	18 6	4	Cylindrical mast; 10.	Seasonal. Operates at night only.
8470 <i>H 0914</i>	-Wharf Range, front.	47° 22.6' N 61° 51.2' W	<b>Q.G.</b>	22 7	13	Red square skeleton tower, orange trapezoidal daymark, black stripe; 16.	Visible on range line only.
8470.1 <i>H 0914.1</i>	--Rear, 133 meters 330°13' from front.	47° 22.7' N 61° 51.3' W	<b>Q.G.</b>	39 12	13	Red square skeleton tower, orange trapezoidal daymark, black stripe; 33.	Visible on range line only.
8471 <i>H 0915</i>	-Breakwater.	47° 22.5' N 61° 51.1' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	26 8	4	Cylindrical mast; 7.	Operates at night only.
8472 <i>H 0896</i>	Entry Island, NE. point.	47° 17.3' N 61° 41.4' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	236 72	8	Square skeleton tower; 15.	
8484 <i>H 0909</i>	Amherst Sector.	47° 13.7' N 61° 50.0' W	<b>Dir.W.R.G.</b> period 4s	16 5	12	Gray square skeleton tower, red and white stripes; 15.	Iso.R. 211°48'-212°48', Iso.W.-213°48', Iso.G.- 214°48'. Seasonal. Private light.
8490 <i>H 0910</i>	Havre-Aubert Sector.	47° 14.1' N 61° 50.0' W	<b>Iso.W.R.G.</b> period 2s	14 4	5	White square tower; 10.	R. 305°-322°50', W.-325°50', G.-007°. Seasonal. Private light.
PUGWASH HARBOR:							
8512 <i>H 1292</i>	-Outer Range, midway between Biglow Point and Fox Point, front.	45° 51.3' N 63° 40.9' W	<b>F.G.</b>	50 15	16	Square skeleton tower, white trapezoidal daymark, red stripe; 16.	Visible on range line only. Seasonal.
8516 <i>H 1292.1</i>	--Rear, 478.5 meters 160°32' from front.	45° 51.0' N 63° 40.8' W	<b>F.G.</b>	92 28	16	Square skeleton tower, white trapezoidal daymark, red stripe; 36.	Visible on range line only. Seasonal.
8520 <i>H 1296</i>	-Steven Point Range, front.	45° 51.9' N 63° 40.1' W	<b>Iso.R.</b> period 2s	32 10	5	Square skeleton tower, white trapezoidal daymark, red stripe; 18.	Visible on range line only. Seasonal.
8524 <i>H 1296.1</i>	--Rear, 470 meters 086°22' from front.	45° 51.9' N 63° 39.7' W	<b>Iso.R.</b> period 4s	89 27	5	Square skeleton tower, white trapezoidal daymark, red stripe; 21.	Visible on range line only. Seasonal.

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<b>CANADA-MAGDALEN ISLANDS-GULF OF ST. LAWRENCE</b>							
8528 <i>H 1300</i>	-Fishing Point Range, front.	45° 52.2' N 63° 40.5' W	<b>F.G.</b>	27 8	10	Square skeleton tower, white trapezoidal daymark, red stripe; 13.	Visible on range line only. Seasonal.
8532 <i>H 1300.1</i>	--Rear, 258 meters 350°30' from front.	45° 52.3' N 63° 40.5' W	<b>F.G.</b>	40 12	10	Square skeleton tower, white trapezoidal daymark, red stripe; 26.	Visible on range line only. Seasonal.
8536 <i>H 1291</i>	<b>-Bergeman Point</b> Range, front.	45° 51.7' N 63° 42.5' W	<b>Q.Y.</b>	39 12	16	Square skeleton tower, white trapezoidal daymark, red stripe; 16.	Visible on range line only. Seasonal.
8540 <i>H 1291.1</i>	--Rear, 168.6 meters 205°13' from front.	45° 51.6' N 63° 42.6' W	<b>Iso.Y.</b> period 4s	54 17	16	Square skeleton tower, white trapezoidal daymark, red stripe; 31.	Visible on range line only. Seasonal.
WALLACE HARBOR:							
8554 <i>H 1283</i>	<b>-Wallace Harbor.</b>	45° 48.8' N 63° 27.8' W	<b>F.W.R.G.</b>	41 12	21	White pyramid tower, white top; 27.	F.R. 254°-256°, Al.R.W.-257°, F.W.-258°, Al.G.W.-259°, F.G.-261°.
8560 <i>H 1274</i>	Skinner Cove.	45° 47.6' N 63° 02.8' W	<b>F.W.R.G.</b>	21 6	5	Square skeleton tower, red and white rectangular daymark; 17.	R. 109°-182°54', W.-186°25', G.-252°. Seasonal.
8564 <i>H 1276</i>	Amet Island.	45° 50.1' N 63° 10.7' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	39 12	10	Square skeleton tower; 22.	Seasonal.
8568 <i>H 1273</i>	Toney River Wharf.	45° 46.5' N 62° 53.4' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	16 5	3	Cylindrical mast; 10.	Seasonal.
8576 <i>H 1272</i>	Caribou Point.	45° 45.9' N 62° 40.8' W	<b>Fl.(3)W.</b> period 20s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 15s	44 13	9	White square tower, red top; 41.	Emergency light.
8580	<i>Caribou Harbor Buoy SS1.</i>	45° 45.1' N 62° 39.9' W	<b>Fl.G.</b> period 4s fl. 0.5s, ec. 3.5s			PORT (B) G.	Seasonal. <b>Bell.</b>
	RACON		<b>G(- - •)</b>		10		(3 & 10cm).
PICTOU ISLAND:							
8596 <i>H 1238</i>	-East End, SE. point.	45° 49.0' N 62° 30.9' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	58 18	9	Square red skeleton tower, red and white rectangular daymark; 33.	
8600 <i>H 1238.5</i>	-Pictou Island (East End), breakwater.	45° 49.4' N 62° 30.6' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	14 4	3	Cylindrical mast; 11.	Seasonal.
8604 <i>H 1240</i>	-Island Breakwater.	45° 48.2' N 62° 35.1' W	<b>Fl.G.</b> period 4s	17 5	4	Pipe swing pole, green and white square daymark, black square in center; 13.	Seasonal.
8608 <i>H 1237</i>	-Island South.	45° 48.2' N 62° 35.2' W	<b>Iso.W.</b> period 4s	35 11	8	White pyramid tower, red top; 27.	Seasonal.
8612 <i>H 1244</i>	-West End.	45° 48.2' N 62° 36.1' W	<b>Fl.W.</b> period 4s	46 14	9	Square skeleton tower, red rectangular daymark, white band; 23.	
8616 <i>H 1248.05</i>	-Pictou Bar.	45° 41.2' N 62° 39.8' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	29 9	6	Square skeleton tower, white rectangular daymark, red band; 24.	<b>Radar reflector.</b>
8617 <i>H 1248.1</i>	<b>-Pictou.</b>	45° 40.6' N 62° 42.1' W	<b>Iso.R.</b> period 4s	94 29	16	Red square skeleton tower; 42.	
8620 <i>H 1256</i>	-Harbor Range, front.	45° 41.3' N 62° 40.7' W	<b>F.W.</b>	23 7	11	White square tower, red stripe, red top; 23.	Visible on range line only.



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<b>CANADA-MAGDALEN ISLANDS-GULF OF ST. LAWRENCE</b>							
8624 H 1256.1	--Rear, 142 meters 261°57' from front.	45° 41.3' N 62° 40.8' W	<b>F.W.</b>	55 17	11	Square skeleton tower, white trapezoidal daymark, red stripe; 31.	Visible on range line only.
8634 H 1260.5	-Pictou Marina.	45° 40.5' N 62° 42.7' W	<b>Q.G.</b>	7 2		Pier; 6.	Seasonal. Private light.
8644 H 1264.1	--Rear, 891 meters 119°43' from front.	45° 37.4' N 62° 38.3' W	<b>F.R.</b>	66 20	10	Square skeleton tower, white trapezoidal daymark, red stripe; 33.	Visible on range line only. Seasonal.
8652 H 1236	<b>Baillie Brook.</b>	45° 42.4' N 62° 16.2' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	56 17	15	Square skeleton tower, red and white rectangular daymark; 25.	Seasonal.
8653 H 1236.3	-E. breakwater.	45° 42.5' N 62° 16.5' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	16 5	4	Cylindrical mast; 9.	Seasonal.
8654 H 1236.4	-W. breakwater.	45° 42.4' N 62° 16.4' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	19 6	3	Cylindrical mast; 10.	Seasonal. Operates at night only.
8662 H 1234.5	Livingstone Cove.	45° 52.1' N 61° 59.0' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	20 6	4	Cylindrical mast; 16.	Seasonal. Operates at night only.
8664 H 1234	<b>Cape George.</b>	45° 52.4' N 61° 54.0' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	398 121	15	White octagonal tower, red top; 45.	
8668 H 1232.5	-Ballantynes Cove Wharf.	45° 51.5' N 61° 55.1' W	<b>L.Fl.R.</b> period 6s fl. 2s, ec. 4s	26 8	4	Pipe swing pole; 16.	Seasonal.
8671 H 1232.35	Cribbean, head.	45° 45.4' N 61° 53.7' W	<b>F.W.</b>	69 21	13	Skeleton tower, enclosed lower portion; 12.	
8672 H 1232.3	-Wharf, head.	45° 45.3' N 61° 53.7' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	20 6	4	Skeleton tower, enclosed lower portion; 12.	Seasonal.
8676 H 1232	Pomquet Island.	45° 39.5' N 61° 44.9' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	46 14	8	White square tower; 26.	Seasonal.
8684 H 1231	Barrios Beach, on shore, approach to breakwater.	45° 38.7' N 61° 37.5' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	52 16	9	Square skeleton tower, red and white rectangular daymark; 22.	Seasonal.
8688 H 1230	Havre Boucher Range, front.	45° 40.9' N 61° 31.6' W	<b>F.G.</b>	26 8	8	Square skeleton tower, white trapezoidal daymark, red stripe; 24.	Visible on range line only. Seasonal.
8692 H 1230.1	--Rear, 436 meters 194°31' from front.	45° 40.7' N 61° 31.7' W	<b>F.G.</b>	105 32	8	White square tower, red stripe, red top; 31.	Visible on range line only. Seasonal.
STRAIT OF CANSO:							
8700 H 3433	-Canso Canal, NE. mooring berth.	45° 39.2' N 61° 25.2' W	<b>Fl.Y.</b> period 4s	18 6		Mast.	Operates at night only. Private light.
8704 H 3436	<b>-Balache Point</b> Range, front, N. end of Canso Lock.	45° 39.0' N 61° 25.0' W	<b>Oc.Y.</b> period 11s lt. 10s, ec. 1s	20 6	16	Square skeleton tower, white trapezoidal daymark, red stripe; 12.	Visible on range line only. Seasonal.
8708 H 3436.1	--Rear, 219.4 meters 131°30' from front.	45° 38.9' N 61° 24.9' W	<b>Oc.Y.</b> period 11s lt. 10s, ec. 1s	43 13	16	White square tower, red stripe, red top; 25.	Visible on range line only. Seasonal.
8712 H 3432	-Canso Canal, SE. mooring dock.	45° 38.8' N 61° 24.5' W	<b>Fl.Y.</b> period 4s	16 5		Mast.	Operates at night only. Private light.

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<b>CANADA-CAPE BRETON ISLAND-GULF OF ST. LAWRENCE</b>							
8716 <i>H 1228</i>	Judique South, wharf.	45° 51.5' N 61° 30.2' W	<b>L.F.I.R.</b> period 6s fl. 2s, ec. 4s	24 7	4	Pipe swing pole, red and white triangular daymark point up, red triangle in center; 20.	Seasonal.
8718 <i>H 1223.2</i>	Little Judique Harbor, breakwater.	45° 57.5' N 61° 31.7' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	17 5	2	Cylindrical mast, green, white, and black square daymark; 12.	Seasonal.
8720 <i>H 1222</i>	Henry Island.	45° 58.6' N 61° 36.0' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	200 61	9	Octagonal tower, red and white stripes, red top; 38.	
8724 <i>H 1224</i>	Port Hood Island, Smith Point.	46° 00.9' N 61° 33.4' W	<b>Fl.R.</b> period 4s	16 5	5	Skeleton mast, red and white rectangular daymark; 12.	Seasonal. Private light.
8736 <i>H 1218</i>	-Murphy Pond, W. breakwater, head.	46° 01.6' N 61° 32.7' W	<b>Fl.G.</b> period 4s	21 6	2	Cylindrical tower; 11.	Seasonal.
8740 <i>H 1223</i>	-Little Judique Harbor Wharf.	45° 57.5' N 61° 31.6' W	<b>F.W.R.G.</b>	27 8	7	Triangular skeleton tower, enclosed lower portion, red and white rectangular daymark; 23.	R. 077°-121°, W.-123°, G.-161°. Seasonal.
8748 <i>H 1216.1</i>	Mabou Harbor.	46° 05.2' N 61° 27.9' W	<b>F.G.</b>	46 14	6	White square tower, red top; 44.	Seasonal.
8752 <i>H 1210</i>	Inverness Harbor Range, front.	46° 13.6' N 61° 19.2' W	<b>F.G.</b>	20 6	10	Square skeleton tower, white daymark, red stripe; 11.	Visible on range line only. Seasonal. Operates at night only.
8756 <i>H 1210.1</i>	--Rear, 24 meters 123° 49' from front.	46° 13.6' N 61° 19.1' W	<b>F.G.</b>	39 12	10	Square skeleton tower, white daymark, red stripe; 16.	Visible on range line only. Seasonal. Operates at night only.
8757 <i>H 1210.5</i>	-Inverness, breakwater.	46° 13.8' N 61° 19.5' W	<b>Fl.G.</b> period 4s	26 8	2	Triangular skeleton tower. Square green, white and black daymark; 10.	Seasonal. Operates at night only.
8760 <i>H 1208</i>	Margaree, summit of Margaree Island.	46° 21.5' N 61° 15.8' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	298 91	9	White hexagonal tower, red top; 27.	Operates at night only.
8764 <i>H 1202</i>	Margaree Harbor Range, front.	46° 26.4' N 61° 06.8' W	<b>F.Y.</b>	49 15	7	White square tower, red stripe, red top; 23.	Visible 102°-192°. Operates at night only. Seasonal.
8768 <i>H 1202.1</i>	-Rear, 65 meters 166°45' from front.	46° 26.3' N 61° 06.7' W	<b>F.Y.</b>	68 21	8	White square tower, red stripe, red top; 33.	Visible on range line only. Seasonal. Operates at night only.
8776 <i>H 1202.3</i>	--E. breakwater.	46° 26.6' N 61° 06.8' W	<b>Fl.G.</b> period 4s	16 5	4	Cylindrical mast; 6.	Seasonal. Operates at night only.
8776.1 <i>H 1202.4</i>	--W. breakwater.	46° 26.6' N 61° 06.9' W	<b>Fl.R.</b> period 4s	19 6	2	Cylindrical mast; 7.	Seasonal. Operates at night only.
8778 <i>H 1196.5</i>	--SW. breakwater.	46° 33.0' N 61° 02.9' W	<b>Q.R.</b>	27 8	2	Cylindrical mast; 11.	Seasonal. Operates at night only.
8780 <i>H 1196</i>	<b>Grande-Etang</b> Range, front.	46° 32.9' N 61° 02.5' W	<b>Oc.Y.</b> period 10s lt. 9s, ec. 1s	32 10	16	Square skeleton tower, white trapezoidal daymark, red stripe; 27.	Visible on range line only. Seasonal. Operates at night only.
8784 <i>H 1196.1</i>	-Rear, 197 meters 130°29' from front.	46° 32.8' N 61° 02.4' W	<b>Oc.Y.</b> period 10s lt. 9s, ec. 1s	59 18	16	Triangular skeleton tower, enclosed lower portion, white trapezoidal daymark, red stripe; 24.	Visible on range line only. Seasonal. Operates at night only.
CHETICAMP ISLAND:							
8792 <i>H 1197.5</i>	-Grand Etang, NE. breakwater.	46° 33.1' N 61° 02.8' W	<b>Q.G.</b>	30 9	4	Cylindrical mast; 17.	Seasonal.
8796 <i>H 1194</i>	-La Pointe, wharf, head.	46° 36.2' N 61° 03.2' W	<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	14 4	2	Skeleton tower, enclosed lower portion; 10.	Seasonal. Operates at night only.

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8798 H 1189	-Cheticamp.	46° 37.8' N 61° 00.8' W	<b>Dir.W.R.G.</b>	34 10	7	White cylindrical tower, red band; 25.	F.R.187°57'-189°53', Al.R.W.- 190°03', F.W.-190°51', Al.G.W.-191°01', F.G.- 192°57'.
8800 H 1188	<b>-Enragee Point</b> Range.	46° 39.0' N 61° 01.6' W	<b>Fl.(3)W.</b> period 24s fl. 0.3s, ec. 3.7s fl. 0.3s, ec. 3.7s fl. 0.3s, ec. 15.7s	74 23	18	White octagonal tower, red top; 42.	
8804 H 1182	-Caveau Point Range, front.	46° 38.9' N 61° 00.0' W	<b>F.R.</b>	56 17	14	Square skeleton tower, white trapezoidal daymark, red stripes; 22.	Visible on range line only.
8808 H 1182.1	--Rear, 223.1 meters 107°55' from front.	46° 38.9' N 60° 59.9' W	<b>F.R.</b>	95 29	14	White square tower, trapezoidal daymark, red stripe; 28.	Visible on range line only.
8818 H 1176.5	Pleasant Bay.	46° 50.0' N 60° 47.9' W	<b>Q.R.</b>	22 7	4	Cylindrical mast; 12.	Seasonal.
8825 H 1176.4	-breakwater, NE.	46° 50.0' N 60° 47.8' W	<b>Fl.G.</b> period 4s	23 7	2	Cylindrical mast; 13.	Seasonal.
8830 H 1049	<b>-Summerside</b> Outer Range, front.	46° 23.7' N 63° 48.6' W	<b>F.R.</b>	31 9	18	White square tower, white trapezoidal daymark, red stripe; 30.	Visible on range line only.
8831 H 1049.1	--Rear, 430.3 meters 028°57' from front.	46° 23.9' N 63° 48.5' W	<b>F.R.</b>	49 15	18	White square tower, white trapezoidal daymark, red stripe; 33.	Visible on range line only.
8832 H 0874	Cape St. Lawrence.	47° 02.5' N 60° 35.8' W	<b>L.Fl.W.</b> period 12s fl. 2s, ec. 10s	88 27	8	Square skeleton tower, red and white rectangular daymark; 22.	Visible 050°- 261°.
8840 H 0873	St. Lawrence Bay.	47° 00.2' N 60° 28.0' W	<b>Fl.G.</b> period 3s	17 5	4	Pipe swing pole; 14.	Seasonal.
8844 H 0873.2	-Southwest breakwater.	47° 00.2' N 60° 28.0' W	<b>Fl.R.</b> period 4s	16 5	2	Pipe swing pole; 10.	Seasonal.
8848 H 0872	Cape North.	47° 01.7' N 60° 23.5' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	112 34	8	Square skeleton tower, red and white rectangular daymarks on NW., NE. and SE. faces; 49.	
8864 H 0870	Dingwall Harbor.	46° 54.2' N 60° 27.3' W	<b>Fl.R.</b> period 4s	26 8	3	Square skeleton tower, red and white rectangular daymarks on E. and W. faces;16.	Seasonal.
8868 H 0870.4	-S.	46° 54.2' N 60° 27.2' W	<b>Fl.G.</b> period 4s	26 8	4	Cylindrical mast; 16.	Seasonal.
8880 H 0866	Neil Harbor, E. side of entrance.	46° 48.4' N 60° 19.2' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	59 18	9	White square tower, red top; 33.	Seasonal.
8893 H 0865.1	The Point Breakwater, outer end of wharf.	46° 41.2' N 60° 21.6' W	<b>Q.R.</b>	13 4	5	Square skeleton tower, red and white rectangular daymark, red triangle in center; 10.	Seasonal.
8902 H 0857.5	Briton Cove Range, front.	46° 26.7' N 60° 27.6' W	<b>F.Y.</b>	23 7	12	Square skeleton tower, white trapezoidal daymark, red stripe; 16.	Visible on range line only. Seasonal.
8903 H 0857.51	-Rear, 80 meters 291°02' from front.	46° 26.7' N 60° 27.7' W	<b>F.Y.</b>	33 10	12	Square skeleton tower, white trapezoidal daymark, red stripe; 33.	Visible on range line only. Seasonal.
<b>GREAT BRAS D'OR:</b>							
8916 H 0778	-Black Rock Point.	46° 18.3' N 60° 23.5' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	85 26	13	White square tower; 39.	Visible 047°-227°. <b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 353°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-CAPE BRETON ISLAND-GULF OF ST. LAWRENCE</b>							
8920 H 0779	--W.	46° 18.3' N 60° 23.5' W	<b>Dir.W.R.G.</b>	54 16	19	Square skeleton tower ; 13.	F.G. 045°15'- 048°15', Al.G.W.-048°30', F.W.- 049°30', Al.R.W.-049°45', F.R.-053°45'. Seasonal.
8932 H 0782	-Great Bras d'Or Range, front.	46° 17.4' N 60° 24.8' W	<b>F.G.</b>	52 16	6	White square tower, red stripe, red top; 33.	Visible on range line only. Seasonal.
8936 H 0782.1	--Rear, 515 meters 212°25' from front.	46° 17.2' N 60° 25.0' W	<b>F.G.</b>	63 19	6	White square structure, red stripe; 53.	Visible on range line only. Seasonal.
8948 H 0784	-Duffus Point.	46° 16.9' N 60° 25.5' W	<b>Fl.W.</b> period 4s	23 7	4	Pipe swing pole; 23.	Seasonal.
8952 H 0786	-Kelly Cove Wharf.	46° 17.3' N 60° 26.2' W	<b>F.W.</b>	16 5	12	Skeleton tower, enclosed lower portion; 13.	Seasonal.
8981 H 0792	-Man of War Point Range, front.	46° 11.5' N 60° 32.6' W	<b>F.Y.</b>	59 18	10	Triangular skeleton tower, white trapezoidal daymark, red stripe; 33.	Visible on range line only. Seasonal.
8982 H 0792.1	--Rear, 769 meters 223°04' from front.	46° 11.2' N 60° 33.1' W	<b>F.Y.</b>	95 29	16	Triangular skeleton tower, white trapezoidal daymark, red stripe; 65.	Visible on range line only. Seasonal.
8983 H 0796	<b>-MacFarlane Point</b> Range, front.	46° 07.6' N 60° 36.3' W	<b>F.Y.</b>	102 31	15	Triangular skeleton tower, white trapezoidal daymark, red stripe; 33.	Visible on range line only. Seasonal.
8983.1 H 0796.1	--Rear, 277.2 meters 065°15' from front.	46° 07.6' N 60° 36.1' W	<b>F.Y.</b>	102 31	15	Triangular skeleton mast, white trapezoidal daymark, red stripe; 32.	Visible on range line only. Seasonal.
8984 H 0798	-Mackenzie Point.	46° 07.0' N 60° 38.9' W	<b>Fl.R.</b> period 4s	69 21	2	Skeleton tower, red and white rectangular daymark; 23.	Seasonal.
ST. PATRICK'S CHANNEL:							
8996 H 0800	-Kidston Island.	46° 05.9' N 60° 44.5' W	<b>L.Fl.G.</b> period 12s fl. 2s, ec. 10s	44 13	6	White square tower, red top; 47.	Seasonal.
9000 H 0801	--W. head.	46° 05.6' N 60° 45.0' W	<b>Fl.R.</b> period 6s	44 13	4	White cylindrical tower, two red bands; 36.	Seasonal.
9012 H 0803	-Morrison Cove Range, front.	46° 00.7' N 60° 56.3' W	<b>F.Y.</b>	11 3	10	Square skeleton tower, white trapezoidal daymark, red stripe; 10.	Visible on range line only. Seasonal.
9016 H 0803.1	--Rear, 639 meters 195°33' from front.	46° 00.3' N 60° 56.4' W	<b>F.Y.</b>	20 6	10	Square skeleton tower, white trapezoidal daymark, red stripe; 20.	Visible on range line only. Seasonal.
9020 H 0802	-MacIver Point Range, front.	46° 02.1' N 60° 55.5' W	<b>Iso.W.</b> period 2s	13 4	10	Triangular skeleton tower, white trapezoidal daymark, red stripe; 10.	Visible on range line only. Seasonal. On request by keying VHF 5 times for 0.5 seconds on channel 65A (156.275 MHz). Remains active for 15 minutes.
9024 H 0802.1	--Rear, 33 meters 066° 23' from front.	46° 02.1' N 60° 55.4' W	<b>Iso.W.</b> period 2s	27 8	10	Square skeleton tower, white trapezoidal daymark, red stripe; 21.	Visible on range line only. Seasonal. On request by keying VHF 5 times for 0.5 seconds on channel 65A (156.275 MHz). Remains active for 15 minutes.
9028 H 0804.4	-Little Narrows Range, front.	45° 59.8' N 60° 58.1' W	<b>F.Y.</b>	15 5	10	Triangular skeleton tower, white trapezoidal daymark, red stripe; 13.	Visible on range line only. Seasonal.
9032 H 0804.41	--Rear, 128 meters 206°44' from front.	45° 59.8' N 60° 58.2' W	<b>F.Y.</b>	33 10	10	Triangular skeleton tower, white trapezoidal daymark, red stripe; 10.	Visible on range line only. Seasonal.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-CAPE BRETON ISLAND-GULF OF ST. LAWRENCE</b>							
9040 <i>H 0806</i>	Whycocomagh.	45° 57.7' N 61° 04.7' W	<b>F.W.</b>	23 7	11	Skeleton tower, enclosed lower portion; 23.	Seasonal.
BARRA STRAIT:							
9052 <i>H 0818</i>	-Grand Narrows Bridge, center of swing.	45° 57.5' N 60° 47.8' W	<b>F.W.R.G.</b>	56 17		Cylindrical mast; 7.	F.R. when closed, F.G. open, F.W. continuous. Private light.
9056 <i>H 0822</i>	-Derby Point.	45° 56.4' N 60° 48.1' W	<b>Fl.R.</b> period 4s	52 16	6	Skeleton tower, enclosed lower portion, red and white rectangular daymark; 23.	Seasonal.
9057 <i>H 0832</i>	-Cameron Island.	45° 48.8' N 61° 00.4' W	<b>Fl.G.</b> period 4s	30 9	5	White square tower; 26.	Seasonal.
9058 <i>H 0833</i>	-Clarke Cove Wharf.	45° 49.2' N 61° 02.3' W	<b>F.R.</b>	15 4	9	Triangular skeleton mast; 13.	Seasonal.
BRAS D'OR LAKE:							
9060 <i>H 0838</i>	-Cape George, W. side of entrance to St. Peter's Inlet.	45° 44.1' N 60° 48.6' W	<b>Fl.W.</b> period 4s	41 12	6	White square tower, red top; 26.	Visible 126°-317°. Seasonal.
ST. PETER'S INLET:							
9064 <i>H 0839</i>	-Gregory Island.	45° 42.6' N 60° 48.0' W	<b>Fl.G.</b> period 4s	36 11	4	White cylindrical tower, two red bands; 33.	Seasonal.
9068 <i>H 0842</i>	-Beaver Island, SE. point.	45° 40.5' N 60° 50.0' W	<b>Fl.W.</b> period 4s	33 10	6	White cylindrical tower, red bands; 33.	Seasonal.
9072 <i>H 0843</i>	-Helen Island, W. of Sandys Point.	45° 40.0' N 60° 51.3' W	<b>Fl.G.</b> period 4s	26 8	4	Triangular skeleton tower; 23.	Seasonal.
9080 <i>H 0770</i>	Point Aconi.	46° 20.2' N 60° 17.6' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	89 27	14	Square skeleton tower, red and white rectangular daymarks on NW., NE. and SE. faces; 33.	Seasonal.
9092 <i>H 0772</i>	Little Bras d'Or Range, front.	46° 18.7' N 60° 17.2' W	<b>F.R.</b>	30 9	6	Skeleton tower, enclosed lower portion, white trapezoidal daymark, red stripe; 13.	
9096 <i>H 0772.1</i>	-Rear, 354 meters 211°46' from front.	46° 18.6' N 60° 17.4' W	<b>F.R.</b>	43 13	16	Skeleton tower, enclosed lower portion, white trapezoidal daymark, red stripe; 23.	
9098 <i>H 0774</i>	<b>Little Bras d'Or.</b>	46° 17.9' N 60° 17.2' W	<b>Dir.W.R.G.</b>	13 4	15	Skeleton tower, enclosed lower portion; 10.	F.R. 180°15'-182°05', Al.W.R.-182°30', F.W.- 183°, Al.W.G.-183°25', F.G.-185°15'.
9100 <i>H 0758</i>	<b>Low Point.</b>	46° 16.0' N 60° 07.5' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	85 26	18	White octagonal tower, red top; 69.	
<b>CANADA-CAPE BRETON ISLAND</b>							
9104 <i>H 0761</i>	-Sydney Range, S. side of W. arm of harbor, 1 mile W. of Edward Point, front.	46° 10.8' N 60° 15.0' W	<b>Iso.Y.</b> period 4s	56 17	14	White octagonal tower, red stripe, red top; 49.	Visible on range line only.
9108 <i>H 0761.1</i>	--Rear, 766 meters 213°34' from front.	46° 10.5' N 60° 15.3' W	<b>Iso.Y.</b> period 4s	121 37	14	Square skeleton tower, red and white trapezoidal daymark; 33.	Visible on range line only.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-CAPE BRETON ISLAND</b>							
SYDNEY HARBOR:							
9112 <i>H 0760</i>	-Sydney Bar.	46° 12.3' N 60° 13.1' W	<b>FI.G.</b> period 5s fl. 1s, ec. 4s	30 9	4	White building; 7.	
9120 <i>H 0762.6</i>	-Ballast Grounds.	46° 12.4' N 60° 14.9' W	<b>FI.(2)R.</b> period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	26 8	3	Cylindrical mast; 23.	
9124 <i>H 0764</i>	-Sydney, South Arm Range, front.	46° 09.4' N 60° 12.2' W	<b>F.G.</b>	26 8	12	Triangular skeleton tower, white trapezoidal daymark, red stripe; 23.	Visible on range line only.
9128 <i>H 0764.1</i>	--Rear, 151 meters 162°32' from front.	46° 09.4' N 60° 12.2' W	<b>F.G.</b>	53 16	15	Triangular skeleton tower, white trapezoidal daymark, red stripe; 43.	Visible on range line only.
9130 <i>H 0767</i>	Point Edward, main jetty, N. head.	46° 09.4' N 60° 13.0' W	<b>2 F.R.</b>	23 7	6	Mast; 16.	
9131 <i>H 0766.2</i>	--S. head.	46° 09.2' N 60° 13.0' W	<b>2 F.R.</b>	26 8		Skeleton tower; 13.	
9132 <i>H 0757.5</i>	Lingan Range, front.	46° 13.8' N 60° 02.8' W	<b>F.G.</b>	16 5	7	Skeleton tower, enclosed lower portion, white trapezoidal daymark, red stripe; 13.	Visible on range line only. Seasonal.
9136 <i>H 0757.51</i>	-Rear, 31 meters 270° from front.	46° 13.8' N 60° 02.7' W	<b>F.G.</b>	23 7	7	Triangular skeleton mast, enclosed lower portion, white trapezoidal daymark, red stripe; 23.	Seasonal.
9144 <i>H 0756</i>	-Glace Bay, breakwater.	46° 11.9' N 59° 56.9' W	<b>FI.R.</b> period 3s	30 9	10	White cylindrical tower, red band; 16.	<b>Horn:</b> 1 bl. ev. 20s (bl. 2s, si. 18s).
9148 <i>H 0752</i>	-Glace Bay Range, front.	46° 11.8' N 59° 56.9' W	<b>F.R.</b>	26 8	16	Triangular skeleton tower, white trapezoidal daymark, red stripe; 18.	
9152 <i>H 0752.1</i>	--Rear, 101.7 meters 208°17' from front.	46° 11.7' N 59° 57.0' W	<b>F.R.</b>	43 13	16	Triangular skeleton tower, white trapezoidal daymark, red stripe; 30.	
9156 <i>H 0750</i>	Flint Island.	46° 10.9' N 59° 46.2' W	<b>L.FI.W.</b> period 6s fl. 2s, ec. 4s	75 23	8	White hexagonal tower, red top; 56.	
9160 <i>H 0746</i>	Port Morien.	46° 07.9' N 59° 52.2' W	<b>FI.R.</b> period 4s fl. 1s, ec. 3s	18 5	5	Cylindrical mast; 10.	
9164 <i>H 0742</i>	-Scatarie.	46° 02.1' N 59° 40.6' W	<b>FI.W.</b> period 3s fl. 1s, ec. 2s	64 20	13	Square tower, three rectangular daymarks, horizontal red and white band.	
9168 <i>H 0744</i>	-Main-a-Dieu.	46° 00.2' N 59° 47.7' W	<b>FI.W.</b> period 4s	82 25	7	White cylindrical tower, two red bands; 33.	
9172 <i>H 0745</i>	Moque, head.	46° 00.4' N 59° 49.4' W	<b>L.FI.W.</b> period 6s fl. 2s, ec. 4s	40 12	12	Skeleton tower, three red and white daymarks; 22.	Operates at night only. <b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 070°.
9180 <i>H 0745.6</i>	Burke Point, Main-a-Dieu Harbor.	46° 00.2' N 59° 50.4' W	<b>FI.R.</b> period 4s	20 6	4	Skeleton tower, enclosed lower portion; 13.	
9182 <i>H 0745.8</i>	Mira Gut Swing Bridge, N. side of bridge.	46° 02.2' N 59° 58.1' W	<b>F.R.G.</b>	30 9		Cylindrical mast; 13.	G. bridge open, R. bridge closed. Private light.
9184 <i>H 0745.4</i>	Battery Point (Main-a-Dieu).	46° 00.3' N 59° 50.4' W	<b>L.FI.G.</b> period 12s fl. 2s, ec. 10s	13 4	2	Cylindrical mast; 7.	
9196 <i>H 3342</i>	Little Lorraine (Lorembec).	45° 56.9' N 59° 51.5' W	<b>F.G.</b>	36 11	7	White cylindrical tower, red top; 16.	Seasonal. <b>Horn:</b> 1 bl. ev. 20s (bl. 2s, si. 18s).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-CAPE BRETON ISLAND</b>							
9204 H 3344	<b>Louisbourg.</b>	45° 54.4' N 59° 57.5' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	105 32	16	White octagonal tower, red top; 49.	Visible 250°-100°. <b>Horn (2):</b> 1 bl. ev. 20s (bl. 2s, si. 18s). Horn points 138°. Emergency light.
9208 H 3348	Louisbourg Range, harbor, W. side, front.	45° 54.1' N 59° 59.4' W	<b>F.Y.</b>	23 7	14	Square skeleton tower, white trapezoidal daymark, red stripe; 16.	Visible on range line only.
9212 H 3348.1	-Rear, 166 meters 267°56' from front.	45° 54.1' N 59° 59.5' W	<b>F.Y.</b>	43 13		Square skeleton tower, white trapezoidal daymark, red stripe; 20.	
9224 H 3358	Gabarus Cove.	45° 50.6' N 60° 08.8' W	<b>F.R.</b>	56 17	8	White hexagonal tower, red top; 33.	Seasonal.
9226 H 3359	Rouse Point.	45° 50.6' N 60° 07.9' W	<b>F.Y.</b>	30 9	9	White block; 13.	Seasonal.
9232 H 3360	<b>Guyon Island.</b>	45° 46.0' N 60° 06.8' W	<b>Fl.W.</b> period 20s fl. 1s, ec. 19s	53 16	17	White octagonal tower, red top; 43.	Seasonal. <b>Horn:</b> 1 bl. ev. 60s (bl. 6s, si. 54s). Horn points 147°. Emergency light.
9236 H 3362	Fourchu, head.	45° 43.0' N 60° 13.8' W	<b>F.W.</b>	62 19	13	White cylindrical tower, two red bands; 36.	Visible 096°-065°. Seasonal. <b>Horn (2):</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horns sound in unison. Horns point 065° and 170°. Seasonal. Emergency light.
9240 H 3364	<b>Fourchu Harbor</b> Range, front.	45° 43.1' N 60° 14.7' W	<b>F.Y.</b>	10 3	18	Triangular skeleton mast, white trapezoidal daymark, red stripe; 10.	Visible on range line only. Seasonal.
9244 H 3364.1	-Rear, 225.7 meters 255°10' from front.	45° 43.1' N 60° 14.9' W	<b>F.Y.</b>	26 8	18	Triangular skeleton mast, white trapezoidal daymark, red stripe; 24.	Visible on range line only. Seasonal.
9252 H 3368	St. Esprit Island.	45° 37.3' N 60° 29.3' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	79 24	7	Skeleton tower, red and white rectangular daymark; 33.	Operates at night only.
9264 H 3380	Jerome Point, St. Peters Bay, near entrance to canal.	45° 38.9' N 60° 52.4' W	<b>F.R.</b>	52 16	10	White square tower, red top; 36.	Seasonal.
9265 H 3384	Ouetique Island.	45° 36.6' N 60° 57.5' W	<b>Fl.R.</b> period 4s	75 23	5	Triangular skeleton tower, red and white rectangular daymark; 30.	Seasonal.
9266 H 3388	Hawk Island.	45° 35.7' N 60° 59.7' W	<b>Fl.G.</b> period 4s	39 12	4	Skeleton tower, enclosed lower portion, red and white rectangular daymark; 33.	Visible 240°30'-265°30'. Seasonal.
9267 H 3392	Grandique Point.	45° 35.6' N 61° 01.3' W	<b>L.Fl.G.</b> period 6s fl. 2s, ec. 4s	30 9	7	White square tower, red upper portion; 33.	Seasonal.
CHEDABUCTO BAY:							
9272 H 3396	-Petit-de-Grat Inlet breakwater.	45° 31.1' N 60° 57.0' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s		4	Square skeleton tower, two green and white rectangular daymarks.	Seasonal.
9280 H 3372	Little Harbor Wharf.	45° 35.0' N 60° 44.5' W	<b>F.R.</b>	16 5	8	Cylindrical mast; 10.	Seasonal.
9312 H 3376	-Green Island.	45° 28.7' N 60° 54.0' W	<b>Fl.(2)W.</b> period 20s fl. 2s, ec. 2s fl. 2s, ec. 14s	112 34	10	White cylindrical tower, red top; 38.	Operates at night only. Emergency light.
9336 H 3398	<b>-Petit-de-Grat</b> Outer Range, front.	45° 29.8' N 60° 58.4' W	<b>F.W.</b>	26 8	19	Skeleton tower, enclosed lower portion, white trapezoidal daymark, red stripe; 11.	Visible on range line only.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-CAPE BRETON ISLAND</b>							
9340 <i>H 3398.1</i>	--Rear, 60 meters 356°01' from front.	45° 29.8' N 60° 58.4' W	<b>F.W.</b>	49 15	19	Skeleton mast, enclosed lower portion, white trapezoidal daymark, red stripe; 33.	Visible on range line only.
9344 <i>H 3399</i>	<b>-Petit-de-Grat</b> Inner Range, front.	45° 30.1' N 60° 57.5' W	<b>F.Y.</b>	39 12	16	Triangular skeleton tower, enclosed lower portion, white trapezoidal daymark, red stripe; 13.	Visible on range line only.
9348 <i>H 3399.1</i>	--Rear, 64.1 meters 033°56' from front.	45° 30.1' N 60° 57.5' W	<b>F.Y.</b>	49 15	16	Triangular skeleton tower, enclosed lower portion, white trapezoidal daymark, red stripe; 11.	Visible on range line only.
9352 <i>H 3401</i>	-Cowley Point, breakwater.	45° 30.1' N 60° 57.8' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	16 5	3	Pipe swing pole, green and white square daymarks on NNE. and SSE. faces; 13.	
9356 <i>H 3404</i>	-Marache Point, SE. side of entrance to Arichat Harbor.	45° 28.8' N 61° 22.1' W	<b>F.W.</b>	33 10	13	White square tower, red top; 26.	Visible 338°-224°.
9364 <i>H 3406</i>	-Beach Point, N. extremity of West Jerseyman Island.	45° 30.2' N 61° 03.3' W	<b>Fl.R.</b> period 4s	26 8	5	White square tower, red top; 26.	Seasonal.
9380 <i>H 3416</i>	-West Arichat Wharf, outer end.	45° 30.9' N 61° 05.0' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	13 4	2	Pipe swing pole; 13.	Seasonal.
9396 <i>H 3386</i>	-River Bourgeois, extremity of point, E. side of entrance.	45° 37.6' N 60° 56.8' W	<b>F.R.</b>	23 7	8	Square tower, red and white rectangular daymark; 26.	Seasonal. Private light.



# Section 6

## Nova Scotia Including Bay of Fundy

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-NOVA SCOTIA</b>							
9400 <i>H 3423</i>	<b>Janvrin Island</b> Range, front, at Thomas Head.	45° 32.5' N 61° 12.0' W	<b>F.Y.</b>	41 12	15	Triangular skeleton tower, white trapezoidal daymark, red stripe; 33.	Visible on range line only.
			<b>Fl.W.</b> period 4s	43 13			
9404 <i>H 3423.1</i>	--Rear, 300 meters 088°10' from front.	45° 32.5' N 61° 11.8' W	<b>F.Y.</b>	82 25	15	Triangular skeleton tower, white trapezoidal daymark, red stripe; 49.	Visible on range line only.
			<b>Fl.W.</b> period 4s	84 26			
STRAIT OF CANSO:							
9416 <i>H 3421</i>	<b>Eddy Point</b> Range, front, SE. entrance of strait.	45° 31.2' N 61° 15.1' W	<b>Oc.Y.</b> period 11s lt. 10s, ec. 1s	39 12	15	Triangular skeleton tower, white trapezoidal daymark, red stripe; 39.	Visible on range line only.
			<b>Fl.W.</b> period 4s				
9420 <i>H 3421.1</i>	--Rear, 361 meters 124°51' from front.	45° 31.1' N 61° 14.9' W	<b>F.Y.</b>	86 26	15	Triangular skeleton tower, white trapezoidal daymark, red stripe; 62.	Visible on range line only.
			<b>Fl.W.</b> period 4s	88 27			
9424 <i>H 3419</i>	<b>Port Malcolm</b> Range, front, Seacol Bay entrance.	45° 34.5' N 61° 17.3' W	<b>Oc.W.</b> period 11s lt. 10s, ec. 1s	66 20	25	Triangular skeleton tower, white trapezoidal daymark, red stripe; 31.	Visible on range line only.
9428 <i>H 3419.1</i>	--Rear, 791 meters 319°50' from front.	45° 34.9' N 61° 17.7' W	<b>Oc.W.</b> period 11s lt. 10s, ec. 1s	154 47	25	Triangular skeleton tower, white trapezoidal daymark, red stripe; 63.	Visible on range line only.
9432 <i>H 3422</i>	-Bear Head, SE. end.	45° 32.9' N 61° 17.3' W	<b>Fl.W.</b> period 4s	49 15	6	Skeleton tower, enclosed lower portion, red and white rectangular daymark; 23.	Intensified on 297°.
9436 <i>H 3425</i>	<b>Middle Melford</b> Range, front.	45° 32.4' N 61° 18.9' W	<b>F.G.</b>	46 14	15	Triangular skeleton tower, white trapezoidal daymark, red stripe; 26.	Visible on range line only.
			<b>Fl.W.</b> period 4s	46 14	7		
9440 <i>H 3425.1</i>	--Rear, 92 meters 268°05' from front.	45° 32.4' N 61° 19.0' W	<b>F.G.</b>	68 21	15	Triangular skeleton tower, white trapezoidal daymark, red stripe; 45.	Visible on range line only.
			<b>Fl.W.</b> period 4s	70 21	7		
9444 <i>H 3426</i>	<b>Park Point</b> Range, front, on point, W. side of strait.	45° 32.6' N 61° 19.3' W	<b>F.G.</b>	40 12	17	Triangular skeleton tower, white trapezoidal daymark, red stripe; 36.	Visible on range line only.
9448 <i>H 3426.1</i>	--Rear, 317 meters 146°18' from front.	45° 32.5' N 61° 19.1' W	<b>F.G.</b>	82 25	17	Triangular skeleton tower, white trapezoidal daymark, red stripe; 63.	Visible on range line only.
9452 <i>H 3427</i>	<b>Cahil Rock</b> Range, front, S. of rock.	45° 34.2' N 61° 21.3' W	<b>F.Y.</b>	43 13	18	Triangular skeleton tower, white trapezoidal daymark, red stripe; 42.	Visible on range line only.
			<b>Fl.W.</b> period 4s	46 14			

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-NOVA SCOTIA</b>							
9456 <i>H 3427.1</i>	--Rear, 176 meters 304°46' from front.	45° 34.3' N 61° 21.4' W	<b>Oc.Y.</b> period 11s lt. 10s, ec. 1s	92 28	18	Triangular skeleton tower, white trapezoidal daymark, red stripe, 40.	Visible on range line only.
			<b>Fl.W.</b> period 4s	92 28			
9472 <i>H 3430</i>	-Point Tupper, on gypsum loading pier.	45° 36.5' N 61° 22.5' W	<b>FR.</b>	98 30		Mast on small shed.	Visible on range line only. Private light.
9476 <i>H 3434</i>	<b>Cape Porcupine</b> Range, front, S. side of causeway.	45° 38.7' N 61° 25.1' W	<b>FG.</b>	33 10	18	Triangular skeleton tower, white trapezoidal daymark, red stripe; 20.	Visible on range line only. Seasonal.
9480 <i>H 3434.1</i>	--Rear, 1583 meters 144°06' from front.	45° 38.0' N 61° 24.4' W	<b>FG.</b>	72 22	18	Triangular skeleton tower, white trapezoidal daymark, red stripe; 45.	Visible on range line only. Seasonal.
GUYSBOROUGH HARBOR:							
9492 <i>H 3456</i>	-Queensport, on Rook Island.	45° 20.9' N 61° 16.3' W	<b>Fl.W.</b> period 4s	52 16	7	White block, red top; 36.	Visible on range line only.
CANNO HARBOR:							
9506 <i>H 3468</i>	-Harbor Shoal.	45° 20.3' N 60° 59.6' W	<b>Fl.G.</b> period 4s	20 6	6	White cylindrical tower, green band, green and white square daymarks on E., W. and N. faces, black square in center; 13.	
9508 <i>H 3465</i>	<b>-Hart Island</b> Range, front.	45° 20.6' N 60° 59.4' W	<b>FR.</b>	13 4	17	Square skeleton tower, white trapezoidal daymark, red stripe; 13.	Increased intensity in line of range.
9512 <i>H 3465.1</i>	--Rear, 117 meters 169°49' from front.	45° 20.6' N 60° 59.4' W	<b>FR.</b>	34 10	17	Square skeleton tower, white trapezoidal daymark, red stripe; 26.	<b>Horn:</b> 1 bl. ev. 30s. Horn points 348°.
9514 <i>H 3464.5</i>	Starling Rock.	45° 20.4' N 60° 59.1' W	<b>Q.G.</b>	21 6	4	White cylindrical tower, green band, green and white square daymarks on S., W. and N. faces, black square in center; 13.	
9516 <i>H 3464</i>	-Piscatiqui Island.	45° 20.6' N 60° 59.1' W	<b>L.Fl.W.</b> period 5s fl. 2s, ec. 3s	16 5	7	Triangular skeleton tower; 13.	
9520 <i>H 3462</i>	-Graves Island breakwater Range, front.	45° 20.2' N 60° 59.1' W	<b>FG.</b>	17 5	6	Square skeleton tower, white trapezoidal daymark, red stripe; 10.	
9524 <i>H 3462.1</i>	--Rear, 62 meters 164° 31' from front.	45° 20.2' N 60° 59.1' W	<b>FG.</b>	23 7	7	Square skeleton tower, white trapezoidal daymark, red stripe; 16.	
9528 <i>H 3460</i>	-Lanigan Beach Range, front.	45° 19.9' N 60° 58.8' W	<b>FR.</b>	39 12	13	White square tower, red stripe, red top; 33.	Visible on range line only.
9532 <i>H 3460.1</i>	--Canso, rear, 384 meters 266°28' from front.	45° 19.9' N 60° 59.1' W	<b>FR.</b>	95 29	13	White square tower, red stripe, red top; 46.	Visible on range line only.
9540 <i>H 3458</i>	<b>Cranberry Island.</b>	45° 19.5' N 60° 55.6' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	56 17	23	White square tower, red top; 49.	<b>Horn (2):</b> 2 bl. ev. 60s (bl. 3s, si. 3s, bl. 3s, si. 51s). Horns sound in unison. Horns point 066° and 141°. Emergency light.
RACON						<b>B(- • • •)</b>	10 (3cm).
9556 <i>H 3472</i>	Little Dover Harbor.	45° 16.7' N 61° 01.2' W	<b>Fl.W.</b> period 4s	26 8	7	Triangular skeleton tower, red and white rectangular daymark; 23.	Seasonal.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-NOVA SCOTIA</b>							
9558 H 3471	Rock Island.	45° 17.0' N 61° 01.7' W	<b>L.F.I.R.</b> period 6s fl. 2s, ec. 4s			5 Cylindrical mast, two red and white triangular daymarks points up, red triangle in center.	Seasonal.
9584 H 3474	White Head Island, SW. extremity.	45° 11.8' N 61° 08.2' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	60 18	12	White block, red top; 36.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 190°. Emergency light.
9588 H 3476	Three Top Island.	45° 12.5' N 61° 09.5' W	<b>L.Fl.W.</b> period 12s fl. 2s, ec. 10s	56 17	7	Square skeleton tower, red and white rectangular daymark; 33.	Visible 150°-033°.
9596 H 3478	Port Felix, Hog Island, SE. head.	45° 13.7' N 61° 13.2' W	<b>Fl.W.</b> period 4s	36 11	7	Square skeleton tower, red and white rectangular daymark; 33.	Visible 196°-062°. Seasonal. <b>Horn:</b> 1 bl. ev. 20s (bl. 2s, si. 18s).
9624 H 3497	Larry's River NE. breakwater.	45° 13.0' N 61° 22.1' W	<b>Iso.R.</b> period 4s	13 4	10	Square skeleton tower, red and white rectangular daymarks on ESE. and WNW. faces, red triangle in center; 10.	
9628 H 3484	Torbay, E. point of Berry Head.	45° 11.5' N 61° 18.7' W	<b>F.W.</b>	39 12	12	White block; 20.	<b>Horn:</b> 3 bl. ev. 60s (bl. 2s, si. 3s, bl. 2s, si. 3s, bl. 2s, si. 48s). Horn points 155°.
9632 H 3500	New Harbour Cove, breakwater, head.	45° 10.2' N 61° 27.0' W	<b>Fl.(2)G.</b> period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	26 8	3	Skeleton tower, enclosed lower portion; 13.	Seasonal.
9636 H 3502	Coddles Harbor.	45° 09.4' N 61° 31.0' W	<b>Fl.W.</b> period 4s	33 10	6	Triangular skeleton tower, red and white rectangular daymark; 23.	Seasonal.
9648 H 3504	Country Island.	45° 06.0' N 61° 32.5' W	<b>L.Fl.W.</b> period 20s fl. 2s, ec. 18s	52 16	14	White octagonal tower, red top; 45.	Emergency light.
9656 H 3508	Drum Head, E.	45° 08.7' N 61° 36.2' W	<b>Fl.R.</b> period 4s	13 4	4	Cylindrical mast, red and white triangular daymark point up, red triangle in center; 13.	Seasonal.
9664 H 3512	Fishermans Harbor.	45° 06.7' N 61° 40.7' W	<b>Fl.G.</b> period 4s	23 7	7	Square skeleton tower, white and green daymark; 26.	Seasonal.
9684 H 3514	<b>Port Bickerton</b> , near W. extremity of Barachois Head.	45° 05.4' N 61° 42.0' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	69 21	17	White rectangular tower, red top; 30.	Visible 280°-136°. <b>Horn (2):</b> 2 bl. ev. 60s (bl. 3s, si. 3s, bl. 3s, si. 51s). Horns sound in unison. Horns point 156°. Emergency light.
9688 H 3516.3	Mouton Harbor.	45° 05.7' N 61° 43.5' W	<b>Q.R.</b> period 1s	13 4	4	Square skeleton tower, red and white triangular daymark point up, red triangle in center; 13.	
9692 H 3516	-Mouton Harbor Outer Range, front.	45° 05.5' N 61° 43.8' W	<b>F.W.</b>	13 4	14	Square skeleton tower, white trapezoidal daymark, red stripe; 13.	Visible on range line only.
9696 H 3516.1	--Rear, 141 meters 263°42' from front.	45° 05.5' N 61° 43.9' W	<b>F.W.</b>	26 8	14	Square skeleton tower, white trapezoidal daymark, red stripe; 20.	Visible on range line only.
9700 H 3516.4	-Mouton Harbor Inner.	45° 05.7' N 61° 43.6' W	<b>Fl.G.</b> period 4s	13 4	4	Cylindrical mast, green and white daymark, green square in center; 12.	
9708 H 3515	Port Bickerton, E.	45° 06.3' N 61° 43.4' W	<b>Iso.R.</b> period 4s	13 4	4	Cylindrical mast; 13.	
9736 H 3526	Liscomb Island, SW. head.	44° 59.3' N 61° 58.0' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	72 22	14	White octagonal tower, red top; 45.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 144°. Emergency light.
9748 H 3530	Thrumcap Island, E. entrance to Marie Joseph Harbor.	44° 57.4' N 62° 02.4' W	<b>Fl.R.</b> period 4s	40 12	4	Square skeleton tower, red and white rectangular daymark, red triangle in center; 20.	<b>Radar reflector.</b>

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<b>CANADA-NOVA SCOTIA</b>							
BEAVER HARBOR:							
9772 H 3534	-Beaver Island.	44° 49.5' N 62° 20.3' W	<b>Fl.W.</b> period 7s	65 20	14	White cylindrical tower; 30.	<b>Horn:</b> 1 bl. ev. 60s (bl. 6s, si. 54s). Horn points 144°. Seasonal. Emergency light.
9778 H 3541	Sheet Rock, entrance to harbor.	44° 49.8' N 62° 29.5' W	<b>Fl.W.</b> period 4s	85 26	7	White cylindrical tower, red bands; 30.	
9784 H 3542	<b>Sheet Harbor Passage</b> Range, E. of Kirby River, front.	44° 51.5' N 62° 26.9' W	<b>F.W.</b>	52 16	18	White square tower, red stripe, red top; 23.	
9788 H 3542.1	-Rear, 278 meters 343°28' from front.	44° 51.7' N 62° 27.0' W	<b>F.W.</b>	69 21	18	White square tower, red stripe, red top; 30.	
9814 H 3557	Spry Bay.	44° 49.4' N 62° 35.9' W	<b>F.R.W.G.</b>	75 23	10	White square tower, red top; 23.	R. 317°-336°15', W.-338°15', G.-118°15'. Seasonal.
9816 H 3560	Popes Harbor.	44° 47.7' N 62° 39.0' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	30 9	8	Pipe swing pole, red and white triangular daymark.	
9820 H 3564	Ship Harbor.	44° 44.9' N 62° 45.4' W	<b>L.Fl.G.</b> period 6s fl. 2s, ec. 4s	59 18	4	Skeleton tower, rectangular daymark, white and red bands; 20.	Seasonal.
9824 H 3566	Owls Head, on extremity.	44° 43.2' N 62° 48.0' W	<b>Fl.W.</b> period 4s	85 26	6	Red skeleton mast, red and white triangular daymarks; 33.	
9836 H 3568	Egg Island, center of island.	44° 39.9' N 62° 51.8' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	25 8	12	Four red, white, and red rectangular daymarks on square skeleton tower.	Operates at night only.
9848 H 3570	Jeddore Rock.	44° 39.8' N 63° 00.7' W	<b>L.Fl.W.</b> period 12s fl. 2s, ec. 10s	98 30	8	Skeleton tower; 49.	
9852 H 3579	French Point.	44° 42.3' N 63° 04.6' W	<b>F.R.</b>	47 14	9	White square tower; 31.	Visible 278°-098°.
9872 H 3578	Musquodoboit Harbor.	44° 41.7' N 63° 04.7' W	<b>Q.R.</b>	20 6		Red cylindrical mast, red and white triangular daymark; 13.	
HALIFAX APPROACH:							
9884	-Alpha Buoy HA.	44° 21.8' N 63° 24.2' W	<b>Mo.(A)W.</b>			SAFE WATER RW.	<b>Whistle.</b>
9892 H 3596	-Devils Island, SE. end.	44° 34.8' N 63° 27.6' W	<b>L.Fl.R.</b> period 6s fl. 2s, ec. 4s	20 6	7	Square framework tower, white and red rectangular daymarks on E., S. and W. faces, red triangle in center; 23.	
9896 H 3609	-Eastern Passage, E.	44° 36.4' N 63° 29.8' W	<b>F.W.R.G.</b>	16 5	10	Triangular skeleton mast; 13.	G. 126°40'-134°, W.-136°, R.-148°40'.
HALIFAX HARBOR:							
9904 H 3600	-Chebucto Head.	44° 30.4' N 63° 31.4' W	<b>Fl.W.</b> period 20s fl. 0.5s, ec. 19.5s	157 48	10	White tower, red top; 43.	Visible 155°-360°. <b>Horn:</b> 2 bl. ev. 60s (bl. 3s, si. 3s, bl. 3s, si. 51s). Horn points 113°. Emergency light.
	-RACON		<b>Z(- - • •)</b> period 120s				(3cm).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-NOVA SCOTIA</b>							
9906	-Bear Cove Bell Buoy H6.	44° 32.6' N 63° 31.4' W	<b>Q.R.</b>			STARBOARD (B) R.	
	-RACON		<b>N(- •)</b>		8		(3cm).
9908 H 3604	-Herring Cove, S. side of entrance.	44° 34.0' N 63° 33.3' W	<b>F.G.</b>	66 20	6	Triangular skeleton tower, red and white rectangular daymark; 33.	
9912 H 3605	-Herring Cove, S.E. corner of breakwater.	44° 34.2' N 63° 33.4' W	<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	13 4		Pipe swing pole, red and white triangular daymark point up, red triangle in center; 13.	
9916 H 3602	-Sandwich Point Range, front.	44° 34.9' N 63° 32.9' W	<b>F.G.</b>	125 38	12	Triangular skeleton tower, white trapezoidal daymark, red stripe; 20.	
9920 H 3602.1	--Rear, 499 meters 336°27' from front.	44° 35.2' N 63° 33.1' W	<b>F.G.</b>	167 51	12	Triangular skeleton tower, white trapezoidal daymark, red stripe; 49.	
9924 H 3606	-Middle Range, front	44° 36.8' N 63° 32.2' W	<b>F.R.</b>	59 18	12	Triangular skeleton tower, white trapezoidal daymark, red stripe; 13.	
9928 H 3606.1	--Rear, 322 meters 356°13' from front.	44° 37.0' N 63° 32.2' W	<b>F.R.</b>	95 29	12	Triangular skeleton tower, white trapezoidal daymark, red stripe; 72.	
9932 H 3607	Maugher Beach.	44° 36.1' N 63° 32.0' W	<b>Iso.W.</b> period 4s	57 17	11	White octagonal tower, red top; 58.	
9944 H 3618	-Inner Range, front.	44° 38.4' N 63° 33.6' W	<b>F.W.</b>	58 18	15	White octagonal tower, red stripe, red top; 53.	Visible 290°-181°. Intensified on range line. Emergency light.
9948 H 3618.1	--Rear, 3154 meters 339°08' from front.	44° 40.0' N 63° 34.5' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	124 38	13	Triangular skeleton tower, white trapezoidal daymark, red stripe; 56.	
9952 H 3630	-Bedford Institute of Oceanography Wharf.	44° 40.8' N 63° 36.8' W	<b>Fl.G.</b> period 2s	24 7		Yellow tower.	
9966 H 3631	-Dartmouth Yacht Harbor, breakwater.	44° 42.0' N 63° 36.8' W	<b>Fl.G.</b> period 4s	17 5	4	Square tower; 10.	Private light.
9968 H 3632	<b>Sambro.</b>	44° 26.2' N 63° 33.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	141 43	23	White octagonal tower, red bands; 68.	
9980 H 3644	Sambro Harbor.	44° 28.5' N 63° 35.8' W	<b>F.G.</b>	34 10	7	White square tower; 26.	
10004 H 3650	Terence Bay.	44° 27.6' N 63° 42.4' W	<b>F.R.</b>	48 15	8	White square tower; 23.	
10008 H 3651	-Government Wharf.	44° 28.1' N 63° 42.9' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	16 5	4	Pipe swing pole; 13.	
10012 H 3651.4	-Lower Prospect.	44° 27.1' N 63° 43.6' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	16 5	4	Pipe swing pole; 13.	
10016 H 3652	Betty Island.	44° 26.3' N 63° 46.1' W	<b>L.Fl.W.</b> period 15s fl. 4s, ec. 11s	63 19	13	Square skeleton tower, white rectangular daymark, red stripe; 30.	Visible from all S. points of approach.
10024 H 3655	-Prospect, public wharf.	44° 28.2' N 63° 47.1' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	16 5	4	Pipe swing pole; 13.	
10028 H 3658	Port Dover, S. end of Callaghan Island.	44° 29.4' N 63° 51.7' W	<b>Fl.G.</b> period 4s	50 15	5	Triangular skeleton mast, red and white rectangular daymark; 27.	
10032 H 3659	Dover West, on wharf.	44° 29.6' N 63° 52.1' W	<b>L.Fl.G.</b> period 6s fl. 2s, ec. 4s	16 5	4	Pipe swing pole; 13.	

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<b>CANADA-NOVA SCOTIA</b>							
10036 <i>H 3657</i>	East Dover wharf.	44° 29.7' N 63° 50.7' W	<b>L.F.I.R.</b> period 6s fl. 2s, ec. 4s	16 5	4	Pipe swing pole, red and white triangular daymark point up, red triangle in center; 13.	
10040 <i>H 3660</i>	Peggy's Point, E.	44° 29.5' N 63° 55.1' W	<b>F.I.R.</b> period 5s fl. 1.5s, ec. 3.5s	72 22	10	White octagonal tower, red top; 43.	Visible 290°-136°.
10044 <i>H 3661</i>	-Peggy's Cove, Government Wharf, head.	44° 29.6' N 63° 55.0' W	<b>F.I.G.</b> period 3s fl. 1s, ec. 2s	16 5	4	Pipe swing pole, white and green square daymark; 13.	
ST. MARGARETS BAY:							
10060 <i>H 3663</i>	-Indian Harbor.	44° 31.3' N 63° 56.8' W	<b>F.W.</b>	36 11	9	White square tower, red top; 33.	
10064 <i>H 3664</i>	-Croucher Island.	44° 38.4' N 63° 57.5' W	<b>L.F.I.W.</b> period 12s fl. 2s, ec. 10s	90 27	6	Triangular skeleton mast, red and white rectangular daymark; 36.	
10068 <i>H 3665</i>	-Hubbards Cove.	44° 37.3' N 64° 03.2' W	<b>F.I.G.</b> period 6s fl. 1s, ec. 5s	39 12	6	Square skeleton tower, green and white rectangular daymark; 23.	
10070 <i>H 3666</i>	-Fox Cove Wharf.	44° 36.9' N 64° 03.4' W	<b>F.I.W.</b> period 4s fl. 1s, ec. 3s		3	Pipe swing pole, black and white triangular daymark.	
10072 <i>H 3666.5</i>	-Mill Cove Wharf.	44° 34.9' N 64° 03.3' W	<b>F.I.G.</b> period 4s fl. 1s, ec. 3s		3	Pipe swing pole, green, white and black square daymark.	Shown 24 hours.
10076 <i>H 3667</i>	-Northwest Cove, on Government wharf.	44° 32.0' N 64° 01.4' W	<b>L.F.I.R.</b> period 6s fl. 2s, ec. 4s	16 5	4	Pipe swing pole; 13.	
10088 <i>H 3670</i>	Pearl Island, off St. Margaret's and Mahone Bays.	44° 23.0' N 64° 02.9' W	<b>F.I.W.</b> period 10s fl. 0.5s, ec. 9.5s	62 19	8	White square tower; 39.	
10092 <i>H 3672</i>	East Ironbound Island, near center.	44° 26.4' N 64° 05.0' W	<b>Iso.W.</b> period 6s	146 44	13	White rectangular tower, red top; 46.	Emergency light.
BIG TANCOOK ISLAND:							
10100 <i>H 3676</i>	-Government wharf, N.W. Cove.	44° 27.9' N 64° 10.3' W	<b>F.I.G.</b> period 6s fl. 1s, ec. 5s	13 4	3	Cylindrical mast; 7.	
10104 <i>H 3677</i>	Little Tancook Island, outer end of wharf.	44° 28.3' N 64° 08.5' W	<b>L.F.I.W.</b> period 6s fl. 2s, ec. 4s	23 7	5	Square skeleton tower, red and white rectangular daymark; 20.	
MAHONE BAY:							
10112 <i>H 3674</i>	-New Harbor, S. side of entrance.	44° 28.4' N 64° 05.5' W	<b>F.I.R.</b> period 5s	20 6	4	Cylindrical mast; 13.	
10120 <i>H 3680</i>	-Quaker Island, off Chester Harbor.	44° 30.9' N 64° 14.0' W	<b>F.I.R.</b> period 4s	101 31	3	White cylindrical tower, red top; 20.	
10128 <i>H 3682</i>	-Kaulbach Island Range, front, N. end of island.	44° 28.2' N 64° 16.9' W	<b>F.W.</b>	33 10	9	White square tower, red stripe, red top; 20.	Visible on range line only.
10132 <i>H 3682.1</i>	--Rear, 113.1 meters 268°03' from front.	44° 28.2' N 64° 17.0' W	<b>F.W.</b>	66 20	9	White square tower, red stripe, red top; 20.	Visible on range line only.
10133 <i>H 3683</i>	-Western Shore Breakwater, seaward end of breakwater.	44° 31.4' N 64° 18.3' W	<b>L.F.I.G.</b> period 6s fl. 2s, ec. 4s	13 4	3	Square skeleton tower, green, white and black square daymark; 13.	
10134 <i>H 3683.2</i>	--Inner.	44° 31.4' N 64° 18.3' W	<b>L.F.I.R.</b> period 6s fl. 2s, ec. 4s	17 5	3	Cylindrical mast, enclosed lower portion; 13.	

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<b>CANADA-NOVA SCOTIA</b>							
10136 <i>H 3688</i>	-Westhaver Island, Mahone Harbor entrance.	44° 26.2' N 64° 20.3' W	<b>Fl.W.</b> period 4s	31 10	7	White cylindrical tower, red top; 25.	
10148 <i>H 3694</i>	-Tanner Island.	44° 22.0' N 64° 12.1' W	<b>Fl.W.</b> period 4s	36 11	6	White cylindrical tower, red band; 26.	
10152 <i>H 3699</i>	East Point Island.	44° 21.0' N 64° 12.2' W	<b>L.Fl.G.</b> period 6s	31 10	6	Triangular skeleton mast; 23.	
LUNENBURG BAY:							
10160 <i>H 3698</i>	-Cross Island.	44° 18.7' N 64° 10.1' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	82 25	10	White cylindrical tower, red top; 30.	Emergency light.
10168 <i>H 3700</i>	Feltzen South.	44° 19.8' N 64° 16.8' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	20 6	4	Cylindrical mast; 13.	
10172 <i>H 3702</i>	Battery Point Breakwater.	44° 21.6' N 64° 17.8' W	<b>Iso.R.</b> period 4s	25 8	9	White square tower, red top; 26.	<b>Horn:</b> 1 bl. ev. 20s (bl. 2s, si. 18s). Horn points 130°.
10184 <i>H 3708</i>	West Ironbound Island.	44° 13.7' N 64° 16.5' W	<b>Fl.W.</b> period 12s fl. 2s, ec. 10s	80 24	8	Cylindrical tower, red and white bands; 36.	
LAHAVE RIVER:							
10192 <i>H 3710</i>	-Mosher Island, W. side of entrance to river.	44° 14.2' N 64° 19.0' W	<b>F.W.</b>	76 23	13	White cylindrical tower; 36.	Visible 106°-351°. <b>Horn:</b> 1 bl. ev. 20s (bl. 2s, si. 18s). Emergency light.
10196 <i>H 3710.5</i>	-Kraut Point.	44° 17.4' N 64° 20.8' W	<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	17 5	5	Square skeleton tower.	
10200 <i>H 3711</i>	-Dublin Shore, government wharf.	44° 16.0' N 64° 21.8' W	<b>Q.(6)+L.Fl.W.</b> period 15s	26 8	5	Cylindrical mast; 23.	<b>Radar reflector.</b>
10212 <i>H 3718</i>	Cherry Cove.	44° 09.5' N 64° 28.8' W	<b>Iso.G.</b> period 4s	23 7	8	Cylindrical mast; 13.	Seasonal. <b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 055°46'.
10224 <i>H 3722</i>	Medway Head, W. side of entrance.	44° 06.2' N 64° 32.4' W	<b>Fl.W.</b> period 12s fl. 4s, ec. 8s	79 24	11	White square tower, red top; 30.	Emergency light.
10226 <i>H 3721</i>	Frying Pan Island.	44° 06.1' N 64° 31.4' W	<b>L.Fl.R.</b> period 12s fl. 2s, ec. 10s	36 11	4	Triangular skeleton tower, red and white rectangular daymark; 16.	
10228 <i>H 3725</i>	Voglers Cove.	44° 09.2' N 64° 32.7' W	<b>Fl.R.</b> period 3s fl. 1s, ec. 2s	16 5	4	Cylindrical mast; 13.	Intensified on a bearing of 350°.
LIVERPOOL BAY:							
10235 <i>H 3735</i>	-Coffin Island, S point.	44° 02.0' N 64° 37.7' W	<b>Fl.W.</b> period 4s	49 15	7	White cylindrical tower, red top.	
10244 <i>H 3740</i>	<b>-Western Head.</b>	43° 59.4' N 64° 39.8' W	<b>Fl.W.</b> period 15s fl. 0.5s, ec. 14.5s	56 17	15	White octagonal tower, red top; 46.	Visible 180°-062°. <b>Horn:</b> 1 bl. ev. 60s (bl. 6s, si. 54s). Horn points 104°. Emergency light.
10248 <i>H 3736</i>	-Moose Point.	44° 01.2' N 64° 39.8' W	<b>Q.G.</b>	23 7		Cylindrical mast; 13.	<b>Radar reflector.</b>
10256 <i>H 3730</i>	-Brooklyn pier, breakwater, head.	44° 02.7' N 64° 41.5' W	<b>L.Fl.W.</b> period 12s fl. 2s, ec. 10s	30 9	3	Cylindrical mast; 16.	

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<b>CANADA-NOVA SCOTIA</b>							
10268 <i>H 3742</i>	Port Mouton.	43° 55.1' N 64° 48.2' W	<b>L.F.I.W.</b> period 12s fl. 2s, ec. 10s	56 17	6	White square tower, red top; 23.	Visible 069°30'-291°30'.
10272 <i>H 3742.04</i>	-Spectacle Islands West.	43° 54.5' N 64° 48.7' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	13 4		Red cylindrical mast, red and white rectangular daymark; 10.	
10274 <i>H 3742.5</i>	-Inner.	43° 55.2' N 64° 50.8' W	<b>L.F.I.R.</b> period 6s fl. 2s, ec. 4s	13 4	5	Cylindrical mast, triangular daymark point up; 11.	
10276 <i>H 3742.6</i>	-Hunts Landing, on outer end of breakwater.	43° 57.1' N 64° 46.1' W	<b>Iso.R.</b> period 4s	26 8	4	Skeleton tower, enclosed lower portion, red and white rectangular daymark, red triangle in center; 10.	
10320 <i>H 3746</i>	Port Hebert, on Shingle Point, E. side of harbor.	43° 48.8' N 64° 55.5' W	<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	28 8	4	Skeleton mast, red and white rectangular daymark, red triangle in center; 23.	
10336 <i>H 3748</i>	Little Harbor, outer end of public wharf.	43° 43.0' N 65° 01.8' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	10 3	7	Pipe swing pole.	
LOCKEPORT HARBOR:							
10344 <i>H 3750</i>	-Gull Rock.	43° 39.3' N 65° 05.9' W	<b>L.F.I.W.</b> period 15s fl. 4s, ec. 11s	56 17	12	White rectangular tower, red top; 39.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 130°30'. Emergency light.
10348 <i>H 3753</i>	-Carters Island.	43° 42.3' N 65° 06.1' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	54 16	7	White cylindrical tower, two red bands; 39.	
10352 <i>H 3754</i>	--S. breakwater.	43° 42.1' N 65° 06.4' W	<b>Fl.G.</b> period 5s fl. 1s, ec. 4s	10 3	4	Cylindrical mast, two green and white square daymarks facing ENE. and WSW.; 10.	
10356 <i>H 3755</i>	--N. breakwater.	43° 42.1' N 65° 06.4' W	<b>Q.R.</b>	10 3	3	Triangular skeleton tower; 12.	
10376 <i>H 3758</i>	Osborne Harbor, on outer end of wharf.	43° 42.9' N 65° 06.6' W	<b>L.F.I.R.</b> period 6s	16 5	5	Cylindrical mast, red and white triangular daymark, red triangle in center; 13.	
10388 <i>H 3759.4</i>	Lower Jordan Bay Wharf.	43° 40.9' N 65° 14.4' W	<b>Fl.W.</b> period 4s	15 4	5	Skeleton tower, enclosed lower portion; 12.	
SHELBURNE HARBOR:							
10404 <i>H 3762</i>	-Cape Roseway.	43° 37.4' N 65° 15.8' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	108 33	10	White octagonal tower, red top; 56.	Visible 187°-055°. Emergency light.
10412 <i>H 3763</i>	-Lower Sandy Point.	43° 40.8' N 65° 18.2' W	<b>Fl.W.</b> period 4s	14 4	5	Pipe swing pole; 13.	
10416 <i>H 3765</i>	-Gunning Cove.	43° 40.9' N 65° 20.1' W	<b>Fl.W.</b> period 4s	13 4	6	Triangular skeleton tower; 13.	
10436 <i>H 3774</i>	Cape Negro Island.	43° 30.4' N 65° 20.7' W	<b>L.F.I.W.</b> period 6s fl. 2s, ec. 4s	92 28	11	White octagonal tower, red top; 39.	Visible 187°-106°30'. <b>Horn:</b> 1 bl. ev. 60s (bl. 6s, si. 54s).
10440 <i>H 3776</i>	Ingomar wharf.	43° 33.8' N 65° 21.8' W	<b>L.F.I.R.</b> period 6s fl. 2s, ec. 4s	16 5	5	Cylindrical mast, two red and white triangular daymarks points up, red triangle in center; 13.	
10452 <i>H 3778</i>	The Salvages.	43° 28.1' N 65° 22.7' W	<b>L.F.I.W.</b> period 12s fl. 2s, ec. 10s	52 16	10	White rectangular tower, red top; 39.	<b>Horn:</b> 3 bl. ev. 60s (bl. 2s, si. 3s, bl. 2s, si. 48s).



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<b>CANADA-NOVA SCOTIA</b>							
10460 <i>H 3779</i>	Port La Tour Harbour, Whaleback Rock.	43° 29.6' N 65° 27.0' W	<b>FI.G.</b> period 4s	16	5	2 Cylindral mast; 13.	
10464 <i>H 3780</i>	Port La Tour breakwater.	43° 30.0' N 65° 28.3' W	<b>L.FI.G.</b> period 6s fl. 2s, ec. 4s	21	6	5 Cylindrical mast, green and white square daymark; 13.	
10468 <i>H 3781</i>	Upper Port La Tour, E. breakwater.	43° 30.3' N 65° 28.2' W	<b>L.FI.R.</b> period 6s	24	7	5 Pipe swing pole, red and white triangular daymark; 23.	
10484 <i>H 3782</i>	<b>Baccaro Point.</b>	43° 27.0' N 65° 28.2' W	<b>Mo.(D)W.</b> period 10s fl. 5s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 1s	49	15	15 White square tower, red top; 46.	Visible 207°-127°. <b>Horn:</b> 1 bl. ev. 20s (bl. 2s, si. 18s). Horn points 200°.
10492 <i>H 3787.5</i>	Cripple Creek Breakwater.	43° 29.4' N 65° 33.6' W	<b>Iso G</b> period 4s			2 Mast.	
10494 <i>H 3787.41</i>	Stony Island, breakwater, head.	43° 28.1' N 65° 34.0' W	<b>FI.G.</b> period 3s fl. 1s, ec. 2s	33	10	Square skeleton tower, red and white rectangular daymark, green square in center; 23.	
10496 <i>H 3784.4</i>	Daniels Head, on NE. corner of breakwater.	43° 26.9' N 65° 35.2' W	<b>FI.G.</b> period 4s	30	9	4 Square skeleton tower; 23.	
10508 <i>H 3784</i>	<b>Cape Sable.</b>	43° 23.4' N 65° 37.3' W	<b>FI.W.</b> period 5s	98	30	18 White octagonal tower, red top; 98.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 150°. Emergency light.
	RACON		<b>C(- • - •)</b> period 120s			10	(3cm).
10520 <i>H 3785.6</i>	Fish Island.	43° 25.7' N 65° 39.3' W	<b>FI.R.</b> period 4s fl. 0.5s, ec. 3.5s	23	7	4 Red cylindrical mast; 23.	
10524 <i>H 3785.4</i>	Swim Point.	43° 25.9' N 65° 37.9' W	<b>L.FI.G.</b> period 6s fl. 2s, ec. 4s	26	8	5 Cylindrical mast, green and white square daymark; 23.	
10528 <i>H 3785</i>	Clark's Harbor.	43° 26.6' N 65° 38.1' W	<b>FI.G.</b> period 4s	24	7	4 Skeleton tower; 20.	
10532 <i>H 3786</i>	West Head, Cape Sable Island.	43° 27.4' N 65° 39.3' W	<b>F.R.</b>	52	16	7 Red and white cylindrical tower; 20.	<b>Horn:</b> 2 bl. ev. 60s (bl. 3s, si. 3s, bl. 3s, si. 51s). Horn points 254°.
10536 <i>H 3786.2</i>	West Head, outer end of breakwater.	43° 27.6' N 65° 39.2' W	<b>FI.R.</b> period 4s fl. 1s, ec. 3s	33	10	5 Square skeleton tower, three red and white rectangular daymarks; 20.	
10540 <i>H 3788</i>	Bear Point, S. end of wharf.	43° 29.2' N 65° 39.3' W	<b>FI.R.</b> period 4s	26	8	5 Cylindrical mast, red and white rectangular daymark, red triangle in center; 13.	
10544 <i>H 3793.6</i>	Shag Harbor, outer end of wharf.	43° 29.5' N 65° 42.3' W	<b>F.R.</b> period 4s	23	7	4 Cylindrical mast; 22.	
10548 <i>H 3793</i>	Prospect Point, breakwater, head.	43° 29.4' N 65° 43.1' W	<b>FI.Y.</b> period 4s	26	8	5 Cylindrical mast; 23.	
10560 <i>H 3790</i>	Outer Island.	43° 27.4' N 65° 44.6' W	<b>FI.W.</b> period 10s fl. 1s, ec. 9s	46	14	10 White square tower, red top; 39.	Emergency light.
10572 <i>H 3796.2</i>	The Falls, NW. end of ledge.	43° 32.1' N 65° 44.6' W	<b>FI.R.</b> period 4s	16	5	4 Red cylindrical mast; 23.	<b>Radar reflector.</b>
10576 <i>H 3796</i>	Falls Point wharf.	43° 31.8' N 65° 44.4' W	<b>FI.G.</b> period 5s fl. 1s, ec. 4s	30	9	Cylindrical mast, green and white square daymark; 20.	
10582 <i>H 3797</i>	Northern End Ledge.	43° 32.2' N 65° 46.1' W	<b>FI.G.</b> period 4s	16	5	4 Square skeleton tower, black and white square daymark.	<b>Radar reflector.</b>
10584 <i>H 3795</i>	Lower Woods Harbor.	43° 31.4' N 65° 44.3' W	<b>FI.R.</b> period 6s fl. 1s, ec. 5s	23	7	4 Skeleton tower; 10.	

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<b>CANADA-NOVA SCOTIA</b>							
10588 <i>H 3794</i>	Woods Harbor, on Big Ledge.	43° 31.2' N 65° 44.7' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	20 6	9	White square tower, red top; 20.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 201°.
10596 <i>H 3812</i>	Seal Island, S. end.	43° 23.7' N 66° 00.9' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	108 33	19	White octagonal tower, two red bands; 68.	<b>Horn:</b> 3 bl. ev. 60s (bl. 2s, si. 3s, bl. 2s, si. 3s, bl. 2s, si. 48s). Horn points 183°. Emergency light. <b>Radiobeacon.</b>
10608 <i>H 3798.4</i>	Lower East Pubnico, on wharf.	43° 36.4' N 65° 46.7' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	26 8	4	Triangular skeleton tower; 23.	
10632 <i>H 3800</i>	Whitehead Island.	43° 39.8' N 65° 52.0' W	<b>Fl.W.</b> period 15s	98 30	13	White square tower, white square building; 39.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 190°. Emergency light.
10633 <i>H 3803.4</i>	Bar Island.	43° 42.0' N 65° 54.2' W	<b>Fl.G.</b> period 4s	13 4	4	Green cylindrical mast; 30.	
10634 <i>H 3805.7</i>	Snipe Reef.	43° 40.5' N 65° 59.2' W	<b>Fl.R.</b> period 4s	14 4	4	Red cylindrical mast; 13.	
10636 <i>H 3804</i>	<b>Tusket River.</b>	43° 42.2' N 65° 57.1' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	62 19	16	White square tower, red top; 36.	
10640 <i>H 3805</i>	Tusket Wedge.	43° 42.8' N 65° 58.0' W	<b>Fl.G.</b> period 4s	26 8	4	Pipe swing pole, green and white square daymark, black square in center; 23.	
10640.1 <i>H 3819.5</i>	Indian Sluice Point Wharf.	43° 46.3' N 65° 57.0' W	<b>Fl.R.</b> period 4s		6	Cylindrical mast; 10.	
10640.5 <i>H 3805.4</i>	Goose Bay.	43° 42.2' N 65° 59.3' W	<b>Fl.R.</b> period 4s	10 3	4	Skeleton tower, five-pile dolphin; 7.	<b>Radar reflector.</b>
10641 <i>H 3805.5</i>	Lower Wedgeport.	43° 42.6' N 65° 59.4' W	<b>Fl.R.</b> period 4s	10 3	4	Skeleton tower, five-pile dolphin; 7.	<b>Radar reflector.</b>
10644 <i>H 3816</i>	The Sluice, E.	43° 40.2' N 66° 00.8' W	<b>Fl.W.</b> period 4s	14 4		Cylindrical mast, three reflective bands; 13.	
10648 <i>H 3815</i>	-W.	43° 40.2' N 66° 00.9' W	<b>Fl.W.</b> period 4s	16 5		Cylindrical mast; 13.	
10652 <i>H 3817</i>	Frenchman Point.	43° 38.1' N 66° 01.0' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s		5	Square skeleton tower, red and white rectangular daymark; 20.	
10668 <i>H 3806</i>	Pease Island, S. point.	43° 37.7' N 66° 01.6' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	53 16	9	White cylindrical tower, red top; 36.	<b>Horn:</b> 2 bl. ev. 60s (bl. 3s, si. 3s, bl. 3s, si. 51s). Horn points 130°.
10670 <i>H 3817.02</i>	Pearl Rock.	43° 38.2' N 66° 01.4' W	<b>Fl.R.</b> period 4s	16 5	3	Red cylindrical mast; 26.	
10672 <i>H 3814</i>	Candlebox Island.	43° 39.8' N 66° 02.7' W	<b>F.R.</b>	46 14	10	White rectangular tower, red top; 39.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 295°.
10684 <i>H 3817.4</i>	Little River Harbor.	43° 42.6' N 66° 02.0' W	<b>Fl.W.</b> period 4s	23 7	5	Square skeleton tower, red and white rectangular daymark, red band; 10.	
10688 <i>H 3817.5</i>	-E. breakwater, head.	43° 42.7' N 66° 01.9' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	10 3	4	Pipe swing pole; 10.	
10692 <i>H 3819</i>	Pinkney Point.	43° 42.2' N 66° 03.2' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s			Green pipe swing pole, white and green square daymark; 10.	
10700 <i>H 3818</i>	<b>Green Island</b> , center of island.	43° 41.4' N 66° 08.6' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	82 25	19	White square tower, red top, RWR triangular daymark; 30.	

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<b>CANADA-NOVA SCOTIA</b>							
10728 <i>H 3820</i>	-Cape Forchu, E. cape.	43° 47.6' N 66° 09.3' W	<b>L.FI.W.</b> period 12s fl. 2s, ec. 10s	115 35	12	Hexagonal tower, red and white stripes; 75.	Private light.
	-RACON		<b>B(- • • •)</b>		10		(3cm).
YARMOUTH HARBOR:							
10732 <i>H 3822</i>	-Ships Stern, N. end.	43° 48.5' N 66° 08.8' W	<b>Fl.W.</b> period 4s	30 9	6	Triangular skeleton tower; 13.	
10736 <i>H 3826</i>	-Bunker Island.	43° 48.7' N 66° 08.6' W	<b>Iso.R.</b> period 4s	33 10	8	White square tower, red stripe; 30.	Emergency light.
10740 <i>H 3834</i>	Yarmouth Bar breakwater.	43° 48.9' N 66° 09.1' W	<b>F.G.</b>	21 6	7	Cylindrical mast; 10.	
10742 <i>H 3837</i>	Cheggoggin Point breakwater.	43° 51.2' N 66° 09.7' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s		7	Square skeleton tower, green and white rectangular daymark; 20.	
10750	<i>Lurcher Shoal Buoy NM.</i>	43° 49.0' N 66° 30.0' W	<b>Fl.(2+1)R.</b> period 6s			PREFERRED CHANNEL (B) RGR.	
	RACON		<b>K(- • -)</b> period 120s		8		(3cm).
10758	<i>Fundy Entrance, S. Buoy M.</i>	44° 13.6' N 66° 50.2' W	<b>Mo.(A)W.</b>			SAFE WATER RW.	<b>Whistle.</b> <b>Radar reflector.</b>
	RACON		<b>M(- -)</b>		10		
10765 <i>H 3838</i>	Sanford Sector.	43° 55.1' N 66° 09.2' W	<b>Iso.W.R.G.</b> period 2s	26 8	12	Square skeleton tower, white rectangular daymark, red band; 23.	R. 090°57'-134°57', W.-136°57', G.-180°57'.
10776 <i>H 3840</i>	-Port Maitland breakwater.	43° 59.2' N 66° 09.5' W	<b>L.FI.G.</b> period 6s fl. 2s, ec. 4s	20 6	5	Square skeleton tower, green and white rectangular daymark facing NNW.; 23.	<b>Radar reflector.</b>
10792 <i>H 3848</i>	Cape St. Mary, E. side of bay.	44° 05.2' N 66° 12.7' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	105 32	13	White rectangular tower, red top; 30.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 251°30'.
10796 <i>H 3846</i>	Cape St. Mary Breakwater.	44° 05.1' N 66° 12.3' W	<b>Fl.G.</b> period 4s	23 7	4	Cylindrical mast; 23.	
10804 <i>H 3851</i>	-Meteghan Breakwater, outer end.	44° 11.7' N 66° 10.0' W	<b>L.FI.R.</b> period 6s fl. 2s, ec. 4s		4	Square skeleton tower, red and white rectangular daymark; 16.	
10808 <i>H 3852</i>	-Meteghan River, breakwater, head.	44° 13.2' N 66° 08.6' W	<b>Fl.W.</b> period 4s	26 8	6	Triangular skeleton tower; 20.	
10810 <i>H 3855</i>	-Saulnierville breakwater.	44° 15.9' N 66° 08.3' W	<b>Fl.R.</b> period 4s	28 9	7	Square skeleton tower, two red and white triangular daymarks; 28.	Operates at night only.
10816 <i>H 3858</i>	-Comeauville wharf.	44° 17.5' N 66° 07.9' W	<b>Fl.R.</b> period 4s	17 5	4	Triangular skeleton tower; 10.	
10828 <i>H 3864.5</i>	-East Sandy Cove.	44° 29.2' N 66° 05.1' W	<b>Fl.R.</b> period 4s	13 4	4	Pipe swing pole, red and white triangular daymark point up, red triangle in center.	
10832 <i>H 3864</i>	-Little River.	44° 26.6' N 66° 07.7' W	<b>L.FI.G.</b> period 6s fl. 2s, ec. 4s	23 7	4	Cylindrical mast, green and white square daymark; 23.	

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<b>CANADA-NOVA SCOTIA-BAY OF FUNDY</b>							
10844 <i>H 3872</i>	<b>Brier Island.</b>	44° 14.9' N 66° 23.5' W	<b>Fl.(3)W.</b> period 18s fl. 0.2s, ec. 2.8s fl. 0.2s, ec. 2.8s fl. 0.2s, ec. 11.8s	72 22	14	White octagonal tower, three red bands; 56.	<b>Horn (2):</b> 2 bl. ev. 60s (bl. 3s, si. 3s, bl. 3s, si. 51s). Horns point 270° and 315°, sound in unison.
GRAND PASSAGE:							
10852 <i>H 3874</i>	<b>-N. Point, Brier Island.</b>	44° 17.2' N 66° 20.5' W	<b>Fl.W.</b> period 10s fl. 0.3s, ec. 9.7s	47 14	21	White triangular tower, red top; 30.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s).
10860 <i>H 3876</i>	-Freeport, on wharf.	44° 16.5' N 66° 20.1' W	<b>F.R.</b>	30 9	7	Pipe swing pole; 23.	
10864 <i>H 3875</i>	--Breakwater, S.	44° 16.0' N 66° 19.7' W	<b>Fl.W.</b> period 4s	14 4	6	Triangular skeleton tower; 13.	
10868 <i>H 3880</i>	-Westport.	44° 15.9' N 66° 20.8' W	<b>Fl.G.</b> period 4s	26 8	2	Cylindrical skeleton mast; 23.	
10872 <i>H 3878</i>	-Peter Island, S. entrance to passage.	44° 15.4' N 66° 20.3' W	<b>L.Fl.G.</b> period 6s fl. 2s, ec. 4s		6	Square skeleton tower, three red rectangular daymarks, white band, green square in center.	<b>Horn:</b> 1 bl. ev. 20s (bl. 2s, si. 18s).
PETIT PASSAGE:							
10880 <i>H 3884</i>	<b>-Boars Head, W. side of entrance to Petit Passage.</b>	44° 24.2' N 66° 12.9' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	92 28	16	White square tower, red top; 39.	<b>Horn:</b> 3 bl. ev. 60s (bl. 2s, si. 3s, bl. 2s, si. 3s, bl. 2s, si. 48s). Horn points 315°.
10884 <i>H 3885</i>	-Tiverton.	44° 23.8' N 66° 12.8' W	<b>Fl.Y.</b> period 4s	17 5	5	Triangular skeleton tower; 10.	
10892 <i>H 3887</i>	Whale Cove, outer end of wharf.	44° 26.1' N 66° 10.5' W	<b>Fl.G.</b> period 4s	17 5	4	Green cylindrical mast, black and white square daymark; 16.	
10896 <i>H 3888</i>	Centreville, entrance, W. side.	44° 33.1' N 66° 02.0' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	46 14	8	Square skeleton tower, red and white rectangular daymark, green square in center.	
10908 <i>H 3890</i>	Prim Point, W. side of Digby Gut.	44° 41.5' N 65° 47.2' W	<b>Iso.W.</b> period 6s	82 25	13	White rectangular tower, red stripes; 46.	
ANNAPOLIS BASIN:							
10916 <i>H 3892</i>	-Digby Gut, E. side of entrance.	44° 41.3' N 65° 45.6' W	<b>L.Fl.G.</b> period 6s fl. 2s, ec. 4s	50 15	10	Triangular skeleton tower; 23.	Emergency light.
10936 <i>H 3896</i>	-Port Wade.	44° 40.6' N 65° 42.7' W	<b>F.R.</b>	23 7	7	Triangular skeleton mast; 16.	
10940 <i>H 3906</i>	-Schafner Point, N. side of river.	44° 42.6' N 65° 37.2' W	<b>F.W.</b>	43 13	10	White square tower; red top.	Indicates Goat Island Shoals.
ANNAPOLIS RIVER:							
10944 <i>H 3908</i>	-Annapolis, NE. of government pier.	44° 44.7' N 65° 31.2' W	<b>F.R.</b>	30 9	8	White square tower, red top; 26.	Private light.
10946 <i>H 3914</i>	Delap Cove Wharf, E. of Digby Gut.	44° 46.3' N 65° 38.1' W	<b>Fl.W.</b> period 4s	20 6	3	Mast; 23.	Seasonal.
10948 <i>H 3916</i>	Parkers Cove, end of E. breakwater.	44° 48.9' N 65° 32.4' W	<b>L.Fl.G.</b> period 12s fl. 2s, ec. 10s	26 8	2	Cylindrical mast; 26.	
10952 <i>H 3918</i>	Hampton, on shore, Chute Cove.	44° 54.4' N 65° 21.2' W	<b>F.W.</b>	69 21	11	White tower; 33.	

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<b>CANADA-NOVA SCOTIA-BAY OF FUNDY</b>							
10956 H 3919	Port Lorne, S. shore.	44° 57.0' N 65° 15.9' W	<b>Fl.R.</b> period 4s	10 3	2	Aluminum pipe swing pole, red triangular daymark, 10.	
10964 H 3926	Margaretsville, extremity of point, S. of breakwater.	45° 02.9' N 65° 03.9' W	<b>Oc.(2)W.</b> period 20s lt. 10s, ec. 3s lt. 4s, ec. 3s	37 11	10	Square tower, black and white bands; 32.	Visible 095°-236°.
10968 H 3928	Ile Haute, summit.	45° 15.1' N 65° 00.3' W	<b>Fl.W.</b> period 4s	367 112	7	Square skeleton tower; 43.	May be obscured less than 2.5 miles from light.
10972 H 3930	Harborville, near outer end of W. pier.	45° 09.1' N 64° 48.8' W	<b>Fl.R.</b> period 4s	32 10	5	Square skeleton tower, red and white rectangular daymark, red triangle in center; 23.	
10976 H 3932	Black Rock, S. shore Minas channel.	45° 10.2' N 64° 45.6' W	<b>Fl.(2)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 8s	52 16	12	White cylindrical tower, red bands; 33.	
10980 H 3938	Cape D'Or, on extreme point.	45° 17.5' N 64° 46.5' W	<b>Fl.W.</b> period 9s fl. 1s, ec. 8s	67 20	13	White square tower, red top; 36.	<b>Horn:</b> 3 bl. ev. 60s (bl. 2s, si. 3s, bl. 2s, si. 3s, bl. 2s, si. 48s). Horn points 240°.
10984 H 3934	Advocate Harbor, on S. side of entrance.	45° 19.2' N 64° 47.1' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s		4	Square skeleton tower, three red and white rectangular daymarks.	
10988 H 3942	Halls Harbor, on end of wharf.	45° 12.1' N 64° 37.2' W	<b>Fl.R.</b> period 4s	20 6	7	Cylindrical mast, red and white triangular daymark point up, red triangle in center; 20.	
MINAS BASIN:							
11004 H 3950	-Cape Sharp.	45° 22.0' N 64° 23.6' W	<b>Oc.W.</b> period 10s lt. 7s, ec. 3s	56 17	12	White square tower, red top; 39.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 250°.
11008 H 3956	-Outer SW. corner of wharf.	45° 12.2' N 64° 22.9' W	<b>Fr.R.</b>	23 7	7	Triangular skeleton tower; 23.	
11010 H 3957	-Upper Pereaue.	45° 12.1' N 64° 22.8' W	<b>Fl.R.</b> period 4s	13 4	4	Triangular skeleton tower; 13.	Seasonal. <b>Radar reflector.</b>
11044 H 3952	-Parrsboro, at entrance to harbor.	45° 23.3' N 64° 19.0' W	<b>L.Fl.G.</b> period 6s fl. 2s, ec. 4s	26 8	7	White square tower; 26.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 170°.
11048 H 3954	--SE. end of Government wharf.	45° 23.5' N 64° 19.2' W	<b>Fl.R.</b> period 4s	16 5	3	Pipe swing pole; 13.	
CHIGNECTO BAY:							
11052 H 4032	-Apple River.	45° 28.4' N 64° 51.4' W	<b>L.Fl.W.</b> period 12s fl. 2s, ec. 10s	68 21	9	White square tower; 36.	
11064 H 4060	-Cape Enrage, slope of cape.	45° 36.0' N 64° 56.6' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	135 41	10	White square tower, red top; 30.	<b>Horn:</b> 3 bl. ev. 60s (bl. 2s, si. 3s, bl. 2s, si. 3s, bl. 2s, si. 48s). Horn points 220°.
11068 H 4064	-Alma, of public wharf, head.	45° 35.6' N 64° 46.8' W	<b>Iso.R.</b> period 4s		4	Pipe swing pole, red and white triangular daymark, 20.	
11076 H 4074	St. Martins, W. breakwater, head.	45° 21.3' N 65° 32.0' W	<b>L.Fl.R.</b> period 6s fl. 2s, ec. 4s	24 7	4	Triangular skeleton tower; 20.	
11080 H 4076	<b>Quaco Head.</b>	45° 19.4' N 65° 32.2' W	<b>Fl.W.</b> period 10s fl. 0.3s, ec. 9.7s	85 26	21	White rectangular tower, red top; 39.	<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 130°.
11084 H 4077	Black River, wharf, head.	45° 15.4' N 65° 48.7' W	<b>Fl.W.</b> period 4s	47 14	6	Pipe swing pole; 23.	

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11088 <i>H 4078</i>	Cape Spencer.	45° 11.7' N 65° 54.6' W	<b>Fl.W.</b> period 11s fl. 1s, ec. 10s	203 62	14	Cylindrical tower, red and white bands; 23.	
ST. JOHN HARBOR:							
11092	-Whistle Buoy J.	45° 12.9' N 66° 02.6' W	<b>Mo.(A)W.</b>			SAFE WATER RW.	<b>Whistle.</b> <b>Radar reflector.</b>
	-RACON		<b>N(- •)</b> period 120s		8		
11096 <i>H 4080</i>	-Black Point.	45° 13.0' N 66° 00.5' W	<b>Fl.R.</b> period 4s	37 11	7	Red and white cylindrical tower; 26.	
11100 <i>H 4082</i>	-Partridge Island.	45° 14.4' N 66° 03.2' W	<b>Fl.W.</b> period 7.5s	116 35	19	Hexagonal tower, red and white stripes; 46.	
11104 <i>H 4089</i>	-Saint John Harbor Range, front.	45° 16.4' N 66° 04.1' W	<b>F.G.</b>	69 21	20	Triangular skeleton tower, red trapezoidal daymark, black stripe; 59.	
11108 <i>H 4089.1</i>	--Rear, 431 meters 333°40' from front.	45° 16.6' N 66° 04.3' W	<b>F.G.</b>	110 34	20	Triangular skeleton tower, red trapezoidal daymark, black stripe; 36.	
11112 <i>H 4083</i>	-Courtenay Bay.	45° 15.4' N 66° 02.7' W	<b>Iso.R.</b> period 2s	43 13	8	White hexagonal tower, red top; 33.	
11114 <i>H 4083.6</i>	-Single station range.	45° 16.0' N 66° 02.8' W	<b>F.W.R.G.</b>	26 8	12	Skeleton tower, orange and white rectangular daymark; 23.	F.R. 001°30'-002°30', Al.W.R.-003°, F.W.-005°, Al.G.W.-005°30', F.G.- 006°30'.
11116 <i>H 4083.4</i>	-Courtenay Bay Inner Range, front.	45° 16.4' N 66° 02.3' W	<b>F.G.</b>	21 6	15	Triangular skeleton tower, red trapezoidal daymark, black stripe; 20.	
11120 <i>H 4083.41</i>	--Rear, 86 meters 021°10' from front.	45° 16.5' N 66° 02.3' W	<b>F.G.</b>	33 10	16	Triangular skeleton tower, red trapezoidal daymark, black stripe; 30.	
11128 <i>H 4085.5</i>	-Pier No 12.	45° 15.6' N 66° 03.7' W	<b>Iso.G.</b> period 2s	8 2	4	Rectangular skeleton tower; 7.	Private light.
11132 <i>H 4090</i>	-Marble Cove, S. side of entrance to cove.	45° 16.3' N 66° 05.3' W	<b>L.Fl.G.</b> period 12s fl. 2s, ec. 10s	92 28	4	White square tower, red top; 46.	Seasonal.
11138	McColgan Point.	45° 19.9' N 66° 06.6' W	<b>L.Fl.W.</b> period 12s fl. 2s, ec. 10s	36 11	6	White square tower, red top; 27.	
11140 <i>H 4092</i>	Lorneville Breakwater.	45° 11.6' N 66° 08.9' W	<b>Fl.W.</b> period 4s	23 7	6	Cylindrical tower; 23.	
11148 <i>H 4096</i>	<b>Musquash Head.</b>	45° 08.6' N 66° 14.2' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	115 35	20	White hexagonal tower, red band; 46.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 180°.
11150 <i>H 4098</i>	Five Fathom Hole, SE. corner of wharf.	45° 11.2' N 66° 15.4' W	<b>Fl.R.</b> period 3s fl. 1s, ec. 2s	26 8	4	Cylindrical mast; 23.	
11152 <i>H 4100</i>	Chance Harbor, Reef Point, W. side of entrance.	45° 07.1' N 66° 20.9' W	<b>L.Fl.W.</b> period 12s fl. 2s, ec. 10s	41 12	7	Cylindrical tower, red and white bands; 24.	
11156 <i>H 4104</i>	Dipper Harbor, breakwater.	45° 05.7' N 66° 24.9' W	<b>Fl.G.</b> period 4s	36 11	4	Pipe swing pole, two green, black and white square daymarks on SE. and NW. faces; 20.	
11160 <i>H 4108</i>	Point Lepreau.	45° 03.5' N 66° 27.5' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	84 26	14	Octagonal tower, red and white bands; 59.	<b>Horn:</b> 3 bl. ev. 60s (bl. 2s, si. 3s, bl. 2s, si. 3s, bl. 2s, si. 48s). Horn points 190°. Emergency light.

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11172 H 4110	Southwest Wolf Island.	44° 56.2' N 66° 44.0' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	125 38	7	White cylindrical tower; 36.	
11184 H 4112	Lighthouse Point.	45° 03.8' N 66° 44.0' W	<b>Iso.W.</b> period 6s	47 14	12	White cylindrical tower, red top; 30.	<b>Horn:</b> 1 bl. ev. 60s (bl. 6s, si. 54s). Horn points 159°.
11188 H 4113	Beaver Harbor, breakwater, head.	45° 04.2' N 66° 44.4' W	<b>Fl.G.</b> period 4s		4	Cylindrical mast, green, white and black square daymark; 10.	
11190	Blacks Harbor, entrance.	45° 02.8' N 66° 48.5' W	<b>F.R.</b>	24 7	7	Triangular skeleton tower; 20.	
11191 H 4116.4	-Wharf.	45° 03.3' N 66° 47.7' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	23 7	4	Cylindrical tower; 23.	
LETANG HARBOR:							
11192 H 4114	-Pea Point, on Pea Islet.	45° 02.3' N 66° 48.5' W	<b>F.W.</b>	56 17	12	White rectangular tower, red top; 36.	Visible 251°-161°. <b>Horn:</b> 2 bl. ev. 60s (bl. 3s, si. 3s, bl. 3s, si. 51s). Horn points 180°.
11196 H 4115	Roaring Bull.	45° 02.4' N 66° 48.8' W	<b>Fl.R.</b> period 4s	16 5	3	Red cylindrical mast; 20.	
11200 H 4118	-Bliss Island.	45° 01.1' N 66° 51.0' W	<b>Fl.R.</b> period 4s	51 15	5	White rectangular tower, red top; 39.	
11204 H 4119	-Back Bay.	45° 03.2' N 66° 51.7' W	<b>Fl.G.</b> period 4s	13 4	4	Skeleton tower; 13.	
PASSAMAQUODDY BAY:							
11208 H 4120	-Letete Passage Fog Signal.	45° 02.3' N 66° 53.5' W					<b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s). Horn points 180°.
11212 H 4120.4	-Morgan Ledge.	45° 02.2' N 66° 53.6' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	17 5	7	Red square skeleton tower, red and white rectangular daymark, red triangle in center; 20.	<b>Radar reflector.</b>
11220 H 4122	--Letete Harbor.	45° 03.1' N 66° 53.8' W	<b>Fl.G.</b> period 4s	7 2	4	Green cylindrical skeleton mast; 24.	Operates at night only.
11225 H 4123	--Matthews Ledge.	45° 03.1' N 66° 53.8' W	<b>L.Fl.R.</b> period 6s fl. 2s, ec. 4s	16 5	4	Skeleton tower, two red and white rectangular daymarks; 30.	
11230 H 4127	--St. Andrews, North Point.	45° 04.0' N 67° 02.9' W	<b>Fl.R.</b> period 4s	23 7	4	Red square skeleton tower; 39.	
11232 H 4126	-Tongue Shoal.	45° 03.8' N 67° 00.8' W	<b>Fl.W.</b> period 4s		7	Red square skeleton tower, three white and red trapezoidal daymarks.	<b>Radar reflector.</b>
11244 H 4130	St. Andrews, W. channel.	45° 04.3' N 67° 04.1' W	<b>Fl.G.</b> period 4s	10 3	4	Green cylindrical mast; 23.	
ST. CROIX RIVER:							
11248 H 4134	-St. Croix Island (U.S.).	45° 07.7' N 67° 08.1' W	<b>Fl.W.</b> period 2.5s fl. 0.5s, ec. 2s	102 31	7	White skeleton tower, surmounted by platform.	Higher intensity beam toward Todds Point.
11260 H 4138	-Whitlocks Mill, on S. bank (U.S.).	45° 09.8' N 67° 13.7' W	<b>Iso.G.</b> period 6s	32 10	6	White conical tower.	Seasonal.

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DEER ISLAND:							
11264 H 4146	-Leonardville Harbor.	44° 58.1' N 66° 57.3' W	<b>F.W.</b>	66 20	10	White square tower, red top; 30.	
11272 H 4146.4	-Leonardville wharf.	44° 58.3' N 66° 57.2' W	<b>F.R.</b>	26 8	7	Cylindrical mast; 23.	
11276 H 4145	-Pompey Ledge.	44° 58.8' N 66° 56.7' W	<b>Fl.W.</b> period 4s	11 3	3	Green cylindrical mast; 23.	<b>Radar reflector.</b>
11280 H 4144	-Richardson wharf.	44° 59.7' N 66° 56.7' W	<b>Iso.G.</b> period 4s			Cylindrical mast, green, white and black square daymark; 23.	
11304 H 4138.6	-Jameson Island West.	45° 02.1' N 66° 55.6' W	<b>Fl.G.</b> period 4s	13 4	4	Green square skeleton tower; 20.	<b>Radar reflector.</b>
11308 H 4139	-Two Hour Rock.	45° 01.7' N 66° 56.1' W	<b>Fl.R.</b> period 4s	8 2	4	Red square skeleton tower, red and white triangular daymark.	<b>Radar reflector.</b>
11310 H 4140	-Stuart Town, breakwater.	45° 01.2' N 66° 56.1' W	<b>Fl.W.</b> period 4s	18 6	6	Triangular skeleton tower; 20.	
11312 H 4148	-Fairhaven.	44° 57.8' N 67° 00.5' W	<b>L.Fl.R.</b> period 6s fl. 2s, ec. 4s	13 4	7	Pipe swing pole; 13.	
11316 H 4147	-Deer Point.	44° 55.5' N 66° 59.1' W	<b>L.Fl.R.</b> period 12s fl. 2s, ec. 10s	33 10	7	White cylindrical tower; 20.	
11324 H 4150	Dog Island DI (U.S.).	44° 55.1' N 66° 59.3' W	<b>Fl.W.R.</b> period 6s 5 fl.	36 11	W. 10 R. 8	Skeleton tower, green diamond daymark.	R. 306°-036°. <b>Horn:</b> 1 bl. ev. 30s (bl. 3s, si. 27s).
11328 H 4152	<b>Cherry Island.</b>	44° 55.1' N 66° 58.0' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	32 10	17	Cylindrical tower, red and white bands; 26.	<b>Horn:</b> 1 bl. ev. 20s (bl. 2s, si. 18s).
11332 H 4154	Head Harbor, on rock off E. Quoddy Head.	44° 57.5' N 66° 54.0' W	<b>F.R.</b>	58 18	13	Octagonal tower, red and white bands; 49.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 116°.
11334 H 4155	-Inner.	44° 56.9' N 66° 54.8' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	39 12		Pipe swing pole, white bands; 23.	
11336 H 4156	Wilson's Beach, wharf.	44° 55.9' N 66° 56.4' W	<b>L.Fl.G.</b> period 6s fl. 2s, ec. 4s		4	Cylindrical tower, green, white and black square daymark; 10.	
CURRY COVE:							
11344 H 4157.4	-Malloch Beach.	44° 55.0' N 66° 56.5' W	<b>L.Fl.R.</b> period 6s fl. 2s, ec. 4s	20 6	3	Cylindrical mast, red and white triangular daymark point up; 20.	
11352	Roosevelt Memorial Bridge.	44° 52.0' N 66° 59.0' W	<b>F.G.</b>			On center navigable span of bridge.	E. and W. extremities of span marked by F.R. lights.
11356 H 4161	Lubec Channel (U.S.).	44° 50.5' N 66° 58.6' W	<b>Fl.W.</b> period 6s	53 16	6	White conical tower, black cylindrical pier.	<b>Horn:</b> 1 bl. ev. 15s (bl. 2s, si. 13s).
GRAND MANAN:							
11360 H 4166	-Long Eddy Point.	44° 48.0' N 66° 47.1' W	<b>Fl.R.</b> period 8s	126 38	14	White rectangular tower, red top; 30.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 335°.
11364 H 4168	-Swallow Tail.	44° 45.9' N 66° 44.0' W	<b>Oc.W.</b> period 6s lt. 4s, ec. 2s	122 37	12	White octagonal tower, red top; 52.	<b>Horn:</b> 1 bl. ev. 20s (bl. 2s, si. 18s). Horn points 100°.



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CANADA-NOVA SCOTIA-BAY OF FUNDY</b>							
11372 H 4171	-Gull Islet.	44° 41.2' N 66° 43.7' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	11 3	4	Green square skeleton tower; 33.	
11376 H 4170	-N. head, on Fisherman's Wharf.	44° 45.8' N 66° 45.1' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	14 4	4	Cylindrical mast; 13.	
11380 H 4170.4	-Farmer Ledge.	44° 43.4' N 66° 43.6' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	13 4	4	Square skeleton tower, green and white rectangular daymark; 13.	
11384 H 4174	<b>-Great Duck Island.</b>	44° 41.1' N 66° 41.6' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	49 15	18	White rectangular tower, red top; 30.	<b>Horn:</b> 1 bl. ev. 60s (bl. 4s, si. 56s). Horn points 120°. Emergency light.
11388 H 4175	-Edmunds Rock.	44° 40.4' N 66° 43.2' W	<b>Fl.G.</b> period 4s	10 3	4	Green cylindrical mast; 23.	
11392 H 4172	-Half Tide Rock.	44° 39.3' N 66° 43.7' W	<b>Fl.G.</b> period 5s fl. 1s, ec. 4s	13 4	4	Square skeleton tower, two black and white rectangular daymarks on both sides facing traffic; 13.	<b>Horn:</b> 1 bl. ev. 15s (bl. 1s, si. 14s).
11398 H 4178.3	-White Head Harbor.	44° 37.8' N 66° 43.7' W	<b>Fl.R.</b> period 4s	16 5	4	Skeleton tower, three-pile dolphin; 10.	
11400 H 4178	-Long Point, S. extremity of White Head Island.	44° 36.8' N 66° 42.6' W	<b>Iso.W.</b> period 12s	52 16	12	White rectangular tower, red top; 36.	<b>Horn:</b> 1 bl. ev. 20s (bl. 2s, si. 18s). Horn points 180°.
11416 H 4188	<b>Gannet Rock.</b>	44° 30.6' N 66° 46.9' W	<b>Fl.W.</b> period 5s	93 28	19	White octagonal tower, black and white stripes; 75.	<b>Horn:</b> 3 bl. ev. 60s (bl. 2s, si. 3s, bl. 2s, si. 3s, bl. 2s, si. 48s).
	RACON		<b>G(- - •)</b>				(3 & 10cm).
11420 H 4181.5	White Horse Islet.	44° 36.2' N 66° 48.4' W	<b>L.Fl.G.</b> period 12s fl. 2s, ec. 10s	43 13	4	Square skeleton tower, red and white rectangular daymark, green square in center; 23.	<b>Radar reflector.</b>
11424 H 4180	-Ingalls Head, on breakwater.	44° 39.7' N 66° 45.3' W	<b>Q.G.</b>	16 5	7	Cylindrical mast, green and white square daymark; 13.	
11428 H 4184	-Seal Cove, outer breakwater.	44° 38.9' N 66° 50.3' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	16 5	4	Cylindrical mast, black and white square daymark; 13.	
11436 H 4186	-Southwest Head, on Gull Cliff.	44° 36.0' N 66° 54.3' W	<b>Fl.W.</b> period 10s	157 48	16	White rectangular tower, red top; 33.	
11444 H 4192	<b>Machias Seal Island.</b>	44° 30.1' N 67° 06.1' W	<b>Fl.W.</b> period 3s	82 25	17	White octagonal tower, red top; 59.	

# Section 7

## Florida, Bermuda, the Bahamas and Turks and Caicos Islands

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>UNITED STATES-FLORIDA</b>							
11608 <i>J 3060</i>	<b>Dry Tortugas.</b>	24° 38.0' N 82° 54.9' W	<b>Fl.(2)W.</b> period 20s	151 46	20	White conical tower, black top.	Emergency light.
	RACON		<b>K(- • -)</b>				(3cm).
For other lights of the U.S., see U.S. Coast Guard Light Lists.							
<b>BERMUDA</b>							
11616 <i>J 4472</i>	<b>St. Davids Island.</b>	32° 21.8' N 64° 39.1' W	<b>Fl.(2)W.</b> period 20s fl. 0.4s, ec. 2.9s fl. 0.4s, ec. 16.3s	213 65	15	White octagonal tower, red band; 72.	Partially obscured 044°-135°.
			<b>F.R.G.</b>	207 63	20		R. 135°-221°, G.-276°, R.- 044°, R. (partially obscured)-135°. F.R. lights 0.95 mile SSW, 0.63 mile SW., 0.75 mile and 1.12 miles WNW.
11620 <i>J 4471.3</i>	NE. breaker.	32° 28.7' N 64° 40.9' W	<b>Fl.W.</b> period 2.5s	45 14	12	Red fiberglass tower, concrete tripod, marked "North East"; 46.	<b>Radar reflector.</b>
	RACON		<b>N(- •)</b>		12		(3cm).
11624 <i>J 4471.5</i>	Kitchen Shoal.	32° 26.1' N 64° 37.7' W	<b>Fl.(3)W.</b> period 15s	45 14	12	White fiberglass tower, red bands, concrete tripod, marked "Kitchen" in red, white concrete base; 46.	<b>Radar reflector.</b>
ST. GEORGES ISLAND:							
11632 <i>J 4477</i>	-Town Cut Channel, N. side, outer.	32° 22.7' N 64° 39.8' W	<b>F.R.</b>	46 14	8	White metal framework tower, red top.	Visible 250°-080°.
11636 <i>J 4478</i>	--N. side, inner, Chalk wharf.	32° 22.7' N 64° 39.9' W	<b>F.R.</b>	52 16	8	White metal framework tower, red top.	Visible 250°-095°.
11640 <i>J 4476</i>	-Town Cut Channel, Higgs Island, NE. corner.	32° 22.7' N 64° 39.7' W	<b>F.G.</b>	48 15	8	White framework tower, green top.	F.R. lights shown from Fort George flagstaff 1 mile W.
11644 <i>J 4476.5</i>	-Horseshoe Island.	32° 22.6' N 64° 39.8' W	<b>F.G.</b>		8	Framework tower.	
11646 <i>J 4479</i>	-Three Sisters.	32° 22.6' N 64° 40.0' W	<b>V.Q.G.</b>		4	White beacon, green band.	
11648 <i>J 4481</i>	-Hen Island, NW. part.	32° 22.5' N 64° 40.5' W	<b>Fl.G.</b> period 1.5s	16 5	4	White metal framework tower, green band, red and white checkered diamond daymark.	
11664 <i>J 4482</i>	<b>Kindley Field AVIATION LIGHT, St. Davids.</b>	32° 22.0' N 64° 40.6' W	<b>Al.W.G.</b> period 10s	141 43	15	Control tower.	F.R. on tank 0.5 mile WNW. 2 F.R. at Swing Bridge Ferry Reach 0.8 mile WNW.
BERMUDA ISLAND:							
11668 <i>J 4550</i>	<b>-Gibbs Hill.</b>	32° 15.2' N 64° 50.1' W	<b>Fl.W.</b> period 10s	354 108	26	White round metal tower; 135.	Visible 228°-229° and 237°- 223°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BERMUDA</b>							
11672 J 4540	-Riddells Bay, N. side.	32° 15.7' N 64° 49.9' W	<b>Fl.G.</b> period 4s fl. 0.6s, ec. 3.4s	13 4	4		
11676 J 4539	-Perots Island, SW head.	32° 15.6' N 64° 50.0' W	<b>F.W.</b>				Occasional.
11680 J 4490	-Gibbet Island.	32° 19.4' N 64° 44.7' W	<b>Fl.R.</b> period 4s	24 7	2	Wood column, white base; 10.	
11684 J 4471	-North Rock.	32° 28.5' N 64° 46.1' W	<b>Fl.(4)W.</b> period 20s	69 21	12	Yellow fiberglass tower, black top, marked "North Rock", concrete base; 49.	<b>Radar reflector.</b>
11686 J 4547	-Eastern Blue Cut, NW. reef.	32° 24.0' N 64° 52.7' W	<b>Mo.(U)W.</b> period 10s	60 18	12	White fiberglass tower, black bands, black concrete tripod, marked "Eastern Blue Cut" in white; 59.	<b>Radar reflector.</b>
11688 J 4489	-South Channel, No 20.	32° 21.0' N 64° 44.5' W	<b>Fl.G.</b> period 2.5s			Green column.	
11696 J 4492	-South Channel, No 26.	32° 18.8' N 64° 47.5' W	<b>Fl.G.</b> period 2.5s			Green column.	
11698 J 4493.5	-South Channel, No 29.	32° 19.3' N 64° 48.7' W	<b>Fl.R.</b> period 4s			Red beacon.	
11700 J 4493	-Grassy Bay, No 30.	32° 19.1' N 64° 48.7' W	<b>Fl.G.</b> period 4s	16 5		Green beacon.	
11704 J 4494	-Hogfish.	32° 18.6' N 64° 49.4' W	<b>Fl.(2)Y.</b> period 10s	16 5	5	White masonry beacon, black band.	F.R. on radio mast 1.07 miles 290°.
11708 J 4495	-Stag Rocks, No 35.	32° 18.8' N 64° 49.8' W	<b>Fl.R.</b> period 4s			White beacon, red triangular daymark point up.	
11712 J 4491	-Devonshire Dock, W. side of entrance.	32° 18.5' N 64° 46.3' W	<b>F.G.</b>	27 8	2	White post.	F.R. on radio masts 0.7 mile and 1.2 mile ENE., 0.55 mile and 0.7 mile SE. 2 F.R. mark chimney 460 meters ENE.
11716 J 4524	-Ireland Island, Commodore's cottage.	32° 19.1' N 64° 50.5' W	<b>F.R.</b>	11 3	2		
11728 J 4520	--S. breakwater, head.	32° 19.3' N 64° 50.0' W	<b>Fl.G.</b> period 4s	12 4	3	Green structure, white bollard; 7.	
11729 J 4518	--N. breakwater, head.	32° 19.3' N 64° 50.1' W	<b>Fl.R.</b> period 4s	12 4	2	Red structure, white bollard.	
11732 J 4514	-Pearl Island.	32° 17.5' N 64° 50.2' W	<b>Fl.Y.</b> period 4s	20 6	5	White concrete beacon; 7.	
11733 J 4542.5	-Pompano.	32° 15.0' N 64° 52.7' W	<b>V.Q.G.</b>			PORT (B) G, beacon, topmark.	
11736 J 4544	-Hogfish Cut.	32° 15.6' N 64° 53.0' W	<b>Fl.R.</b> period 4s fl. 0.4s, ec. 3.6s	13 4	5	Post.	
11740 J 4543	-Hogfish Tripod.	32° 15.4' N 64° 52.8' W	<b>Fl.G.</b> period 4s fl. 0.4s, ec. 3.6s			Tripod.	
11741 J 4545	-Wreck Hill.	32° 16.8' N 64° 53.3' W	<b>V.Q.R.</b>			STARBOARD (B) R, beacon, topmark.	
11742 J 4546	-Chub Heads.	32° 17.3' N 64° 58.7' W	<b>V.Q.(9)W.</b> period 15s	60 18	12	Yellow fiberglass tower, black band, marked "Chub Heads" in white, on tripod.	<b>Radar reflector.</b>
	-RACON		<b>C(- • - •)</b>		12		(3 & 10cm).
11743 J 4531	-Long Point.	32° 17.8' N 64° 51.4' W	<b>V.Q.(3)W.</b> period 5s	13 4	4	White fiberglass beacon, black and yellow bands at top.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BERMUDA</b>							
11744 <i>J 4532</i>	-Plaice's Point.	32° 17.8' N 64° 51.5' W	<b>Fl.R.</b> period 2.5s	20 6	4	White fiberglass beacon, red top.	2 F.R. shown from center of Watford Bridge 900 meters N.
11748 <i>J 4508</i>	-Lane channel, N. side, head.	32° 17.3' N 64° 48.9' W	<b>Fl.W.</b> period 4s fl. 0.6s, ec. 3.4s	15 5	1	Black round stone tower, white base.	
11750 <i>J 4537</i>	-Little Sound, Naval Air Station, Tender Pier.	32° 16.1' N 64° 51.2' W	<b>Fl.R.</b> period 4s				
HAMILTON HARBOR:							
11752 <i>J 4506</i>	-Hinson Island, NW. point, Timlins Narrows.	32° 17.1' N 64° 48.4' W	<b>Fl.R.</b> period 2.5s	12 4	5	White structure, red band; 13.	
11753 <i>J 4503</i>	-Spectacle Island, S. end.	32° 17.2' N 64° 48.0' W	<b>Fl.G.</b> period 4s			White fiberglass beacon, green top.	
11755 <i>J 4501</i>	-Royal Bermuda Yacht Club, SE. corner.	32° 17.4' N 64° 47.2' W	<b>F.G.</b>				
11755.2 <i>J 4501.1</i>	--SW. corner.	32° 17.4' N 64° 47.3' W	<b>F.G.</b>				
11757	-Ferry Depot, jetty.	32° 17.5' N 64° 46.6' W	<b>F.G.</b>				
11760 <i>J 4498</i>	-Two Rocks Passage.	32° 17.5' N 64° 48.7' W	<b>V.Q.G.</b>	21 6	5	White structure, green top.	
11761 <i>J 4499</i>	--S. side.	32° 17.5' N 64° 48.7' W	<b>V.Q.R.</b>	21 6	5	White structure, red top.	
11764 <i>J 4542</i>	-Ricketts Island.	32° 16.5' N 64° 49.7' W	<b>Fl.R.</b> period 2.5s	18 5	4	White concrete column, red top; 3.	
11768 <i>J 4509</i>	-Dagger Rock.	32° 16.6' N 64° 48.8' W	<b>Fl.R.</b> period 4s fl. 0.6s, ec. 3.4s	13 4	4	White concrete beacon, red band.	
<b>BAHAMA ISLANDS</b>							
11776 <i>J 4560</i>	Little Sale Cay.	27° 02.7' N 78° 10.3' W	<b>Fl.W.</b> period 3s	47 14	12	Metal tower; 19.	
GREAT ABACO ISLAND:							
11780 <i>J 4562</i>	-Crab Cay, Angel Fish Point.	26° 55.6' N 77° 36.3' W	<b>Fl.W.</b> period 5s	33 10	11	Metal tower; 23.	
11784 <i>J 4565</i>	-Whale Cay.	26° 42.9' N 77° 14.7' W	<b>Fl.W.</b> period 5s	40 12	8	Aluminum tower, black bands.	
11788 <i>J 4566</i>	-Great Guana Cay.	26° 39.8' N 77° 06.9' W	<b>Fl.W.</b> period 3s	30 9	6	Metal tower; 20.	
11792 <i>J 4570</i>	-Marsh Harbor, N. side, Great Abaco Island.	26° 33.3' N 77° 04.1' W	<b>Fl.W.</b> period 3s	23 7	5	Metal tower; 13.	
11796 <i>J 4568</i>	-Man of War Cay.	26° 35.4' N 77° 00.4' W	<b>Q.W.</b>	30 9	5	White mast.	
11800 <i>J 4572</i>	<b>-Elbow Cay.</b>	26° 32.3' N 76° 57.9' W	<b>Fl.(5)W.</b> period 15s	120 37	23	White round tower, red bands.	
11804 <i>J 4575</i>	-Sandy Cay.	26° 24.1' N 76° 59.4' W	<b>Fl.G.</b> period 3s			Beacon.	
11808 <i>J 4576</i>	-Little Harbor.	26° 19.8' N 76° 59.7' W	<b>Fl.W.</b> period 4s	61 19	10	Metal tower.	F.W. shown when bar is dangerous.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BAHAMA ISLANDS</b>							
11812 <i>J 4578</i>	-Cherokee Sound, on Duck Cay, Great Abaco Island.	26° 16.0' N 77° 04.0' W	<b>F.R.</b>	29 9	6	Metal tower.	Visible 229°-094° except where obscured to the E. by the high land of Cherokee Point.
11816 <i>J 4580</i>	<b>-Abaco.</b>	25° 51.7' N 77° 11.1' W	<b>Fl.W.</b> period 10s fl. 0.3s, ec. 9.7s	168 51	23	Red conical stone tower, white base, white lantern; 92.	
11820 <i>J 4581</i>	-Rocky Point.	26° 00.0' N 77° 24.3' W	<b>Fl.W.</b> period 6s	33 10	6	Black metal framework tower, white hut; 26.	
11824 <i>J 4582</i>	-Sandy Point, near W. extremity of Great Abaco Island.	26° 01.7' N 77° 24.1' W	<b>F.W.</b>	25 8	5	Mast; 20.	
11828 <i>J 4583</i>	-Channel Cay.	26° 15.3' N 77° 37.8' W	<b>Fl.W.</b> period 2.5s	38 12	7	Black metal framework tower.	
GRAND BAHAMA ISLAND:							
11832 <i>J 4584</i>	-Sweetings Cay.	26° 36.7' N 77° 53.6' W	<b>Fl.W.</b> period 6s	23 7	8	Metal tower.	
11832.1 <i>J 4585</i>	-Riding Point AVIATION LIGHT.	26° 42.7' N 78° 09.5' W	<b>Oc.R.</b> period 3s  <b>3 F.R.</b> (vert.)	269 82		Red and white tower.	
11833 <i>J 4586</i>	-South Riding, Point Harbor Range, front.	26° 37.5' N 78° 13.1' W	<b>Oc.G.</b> period 3s lt. 2.5s, ec. 0.5s	39 12		Framework tower, orange triangular daymark point up.	Visible on range line only.
11833.1 <i>J 4586.1</i>	--Rear, 60 meters 340° from front.	26° 37.5' N 78° 13.1' W	<b>Oc.G.</b> period 3s lt. 2.5s, ec. 0.5s	52 16		Framework tower, orange diamond daymark.	Visible on range line only.
11834 <i>J 4587.6</i>	-Communications Tower.	26° 37.7' N 78° 14.3' W	<b>2 F.R.</b> (vert.)	239 73		Red and white tower.	
11835 <i>J 4588</i>	-Platform.	26° 36.7' N 78° 13.7' W	<b>Fl.R.</b> period 3s			Control building.	2 Q.R. on E. and W. dolphins.
11836 <i>J 4589</i>	-High Rock, S. side of Grand Bahama Island.	26° 37.3' N 78° 16.1' W	<b>F.W.</b>	25 8	6	White mast.	Unreliable.
11837 <i>J 4589.4</i>	-Ionospheric Tower AVIATION LIGHT.	26° 37.1' N 78° 18.7' W	<b>Oc.R.</b> period 8s  <b>F.R.</b>	210 64		Tower.	
11837.1 <i>J 4589.8</i>	-Bassett Cove Tower AVIATION LIGHT.	26° 36.9' N 78° 19.4' W	<b>Q.R.</b>  <b>2 F.R.</b> (vert.)	407 124		Red and white tower.	
11837.2 <i>J 4590.4</i>	-Bore Site Tower AVIATION LIGHT.	26° 36.6' N 78° 20.8' W	<b>Oc.R.</b> period 4s  <b>F.W.</b>  <b>2 F.R.</b> (vert.)	174 53		Red and white tower.	
11838 <i>J 4591</i>	-Grand Lucayan Waterway, W. breakwater head.	26° 32.4' N 78° 33.4' W	<b>Fl.(3)G.</b> period 10s	13 4	3	Concrete column; 7.	
11838.1 <i>J 4591.1</i>	--E. breakwater, head.	26° 32.4' N 78° 33.3' W	<b>Fl.(3)R.</b> period 10s	13 4	3	Concrete column; 7.	
11841 <i>J 4593</i>	-Bahamia Marina, E. breakwater, head.	26° 29.3' N 78° 42.1' W	<b>Q.R.</b>		3	Concrete pedestal.	
11841.1 <i>J 4593.2</i>	--W. breakwater, head.	26° 29.3' N 78° 42.2' W	<b>Q.G.</b>		3	Concrete pedestal.	
11844 <i>J 4593.5</i>	<b>-Freeport</b> International Airport AVIATION LIGHT.	26° 32.7' N 78° 42.4' W	<b>Al.Fl.W.G.</b> period 10s	98 30	40		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BAHAMA ISLANDS</b>							
11852 <i>J 4594.4</i>	-Borco Oil Terminal, No 1 jetty, SE. head.	26° 30.0' N 78° 46.2' W	<b>Q.W.</b>				
11856 <i>J 4594.44</i>	--No 1 jetty, NW. head.	26° 30.3' N 78° 46.7' W	<b>Fl.(3)W.</b> period 7s		5	Dolphin.	
11864 <i>J 4596</i>	-Freeport, W. breakwater.	26° 31.1' N 78° 46.7' W	<b>Fl.G.</b> period 4s	23 7	6	Metal structure; 10.	
11868 <i>J 4596.8</i>	-Channel entrance, W. side.	26° 31.2' N 78° 46.6' W	<b>Q.G.</b>	12 4	2	Framework tower.	
11872 <i>J 4596.6</i>	--E. side.	26° 31.2' N 78° 46.5' W	<b>Q.R.</b>	12 4	3	Framework tower.	
11880 <i>J 4595</i>	-Pinder Point Range, front.	26° 31.5' N 78° 46.4' W	<b>F.G.</b>	161 49	11	White framework tower, red bands, two red rectangular daymarks, white stripes.	
			<b>Q.W.</b>				Strobe.
11884 <i>J 4595.1</i>	--Rear, 1139 meters 021°47' from front.	26° 31.6' N 78° 46.4' W	<b>F.G.</b>	266 81	11	White framework tower, red bands, two red rectangular daymarks, white stripes.	
			<b>Q.W.</b>				Strobe.
11888 <i>J 4598</i>	-Settlement Point, W. end of Island.	26° 41.5' N 79° 00.0' W	<b>Fl.W.</b> period 4s	44 13	6	White metal tower; 33.	
11892 <i>J 4600</i>	-Indian Cay.	26° 42.9' N 79° 00.2' W	<b>Fl.W.</b> period 6s	40 12	8	Aluminum tower; 36.	
11896 <i>J 4602</i>	Memory Rock.	26° 57.0' N 79° 06.3' W	<b>Fl.W.</b> period 3s	37 11	11	Black metal beacon; 23.	
GREAT BAHAMA BANK:							
11900 <i>J 4620</i>	- <b>Great Isaac.</b>	26° 01.8' N 79° 05.4' W	<b>Fl.W.</b> period 15s	152 46	23	White round tower.	
11904 <i>J 4616</i>	-North Rock.	25° 48.1' N 79° 15.7' W	<b>Fl.W.</b> period 3s	40 12	8	Black metal beacon; 30.	Visible 022°-343°.
11908 <i>J 4618</i>	-North Bimini Island, wharf, head.	25° 43.7' N 79° 18.1' W	<b>F.W.</b>	20 6	5	Gray metal framework beacon.	Two F.R. 2M range lights indicate channel through reef on South Bimini. These lights are unwatched and unreliable.
11912 <i>J 4613</i>	--AVIATION LIGHT.	25° 42.5' N 79° 16.3' W	<b>Mo.(B)R.</b> period 20s	282 86	23	Orange framework tower, white stripe.	Several lights mark tower.
			<b>F.R.</b>				
11916 <i>J 4610</i>	- <b>Gun Cay.</b>	25° 34.3' N 79° 17.8' W	<b>Fl.W.</b> period 10s	80 24	15	White conical stone tower, red top.	Obscured by the Bimini Isles, when 8 miles distant, between 176° and 198°.
11920 <i>J 4608</i>	-North Cat Cay, breakwater, head.	25° 33.9' N 79° 17.3' W	<b>Fl.W.</b> period 2s	10 3	5	Beacon; 12.	Not visible W. or SW. of Cat Cay.
11924 <i>J 4604</i>	-South Riding Rock.	25° 14.3' N 79° 08.6' W	<b>Fl.W.</b> period 5s	35 11	11	White metal framework tower.	
11928 <i>J 4606</i>	-Sylvia.	25° 27.4' N 79° 01.6' W	<b>Fl.W.</b> period 4s	20 6	8	Beacon, piles.	
11933 <i>J 4630</i>	-Mackie Shoal.	25° 40.9' N 78° 39.4' W	<b>Fl.W.</b> period 2s	20 6			
11936 <i>J 4624.5</i>	-Bullock Harbor.	25° 45.5' N 77° 52.5' W	<b>Fl.W.</b> period 6s	36 11	7	Black metal framework tower, white top.	

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<b>BAHAMA ISLANDS</b>							
11940 <i>J 4624</i>	-Great Stirrup Cay.	25° 49.4' N 77° 54.0' W	<b>Fl.(2)W.</b> period 20s fl. 0.2s, ec. 1.5s fl. 0.2s, ec. 18.1s	82 25	22	White round concrete tower; 56.	
11944 <i>J 4624.2</i>	--AVIATION LIGHT, 1189 meters from E. end.	25° 49.5' N 77° 54.3' W	<b>Fl.R.</b> period 1.5s	200 61	18	Radio mast.	Obstruction light.
<b>F.R.</b>							
11948 <i>J 4625</i>	-Little Harbor Cay.	25° 33.9' N 77° 42.8' W	<b>Fl.W.</b> period 2s	94 29	9	Metal tower; 23.	
11952 <i>J 4626</i>	-Whale Point, SW. point of Whale Cay.	25° 23.7' N 77° 48.0' W	<b>Fl.W.</b> period 4s	70 21	7	Stone tower, white metal structure; 43.	
11954	Frazers Hog Cay AVIATION LIGHT.	25° 25.0' N 77° 53.7' W	<b>Fl.W.G.</b>				<b>Radiobeacon.</b>
11956 <i>J 4627</i>	-Thompsons Cay (Chub Point).	25° 24.4' N 77° 54.6' W	<b>Fl.W.R.</b> period 10s	44 13	7	Aluminum framework tower; 33.	W. 320°-054°, R.-320°. Fl.W. and Fl.G. on water tower 0.8 mile NE.
11960 <i>J 4628</i>	-Northwest Channel.	25° 28.1' N 78° 09.6' W	<b>Fl.W.</b> period 3s	20 6	8	White metal tower on piles; 36.	
11960.5 <i>J 4628.5</i>	-Northwest Shoal.	25° 29.9' N 78° 13.9' W	<b>Fl.W.</b> period 2s	20 6			
11964 <i>J 4629</i>	-Russell.	25° 28.5' N 78° 25.5' W	<b>Fl.W.</b> period 4s	20 6			
<b>ANDROS ISLAND:</b>							
11968 <i>J 4635</i>	-Morgan's Bluff, Range, front.	25° 10.5' N 78° 02.1' W	<b>Q.W.</b>	29 9	6		Intensified on range line.
11972 <i>J 4635.1</i>	--Rear, 223°44' from front.	25° 10.5' N 78° 02.1' W	<b>Oc.W.</b> period 4s fl. 3s, ec. 1s	60 18	6		Intensified on range line.
11976 <i>J 4634</i>	-Morgan's Bluff, dock.	25° 10.8' N 78° 01.6' W	<b>Fl.W.</b> period 4s fl. 0.4s, ec. 3.6s	20 6	4		
11980 <i>J 4636</i>	-Nicolls Town, Range, front.	25° 08.1' N 78° 00.0' W	<b>Fl.W.</b> period 5s	60 18	8	Red aluminum structure.	
11984 <i>J 4636.1</i>	--Rear, 24 meters 247° from front.	25° 07.9' N 78° 00.3' W	<b>Fl.W.</b> period 5s	65 20	10	Red aluminum structure.	
11988 <i>J 4640</i>	-Staniard Rock.	24° 51.6' N 77° 52.7' W	<b>Fl.W.</b> period 4s	18 5	6	Gray mast; 16.	
11992 <i>J 4639</i>	-Staniard Creek.	24° 50.5' N 77° 53.4' W	<b>F.R.</b>	26 8	6	Wooden framework tower; 20.	
12000.5 <i>J 4642</i>	-Site 1 N. ITT Tower.	24° 43.9' N 77° 46.3' W	<b>Fl.Y.</b> period 4s		5	Metal framework tower.	
12001 <i>J 4641.3</i>	-OHDF Tower.	24° 43.7' N 77° 45.7' W	<b>Fl.Y.</b> period 4s		5		
12001.5 <i>J 4642.25</i>	-Site 1 S. ITT Tower.	24° 41.5' N 77° 44.3' W	<b>Fl.Y.</b> period 4s		5	Metal framework tower.	
12002 <i>J 4641.4</i>	-AVIATION LIGHT.	24° 42.3' N 77° 46.4' W	<b>Al.Fl.W.G.Y.</b> period 2s	136 41		Tower.	
12004 <i>J 4642.2</i>	-Site 1 Range, front.	24° 42.3' N 77° 45.9' W	<b>Q.G.</b>	25 8	10	White tower, red rectangular daymark, white stripe.	
12008 <i>J 4642.21</i>	--Rear, 335 meters 223°48' from front.	24° 42.2' N 77° 46.0' W	<b>Iso.G.</b> period 6s	33 10	10	White tower, red rectangular daymark, white stripe.	

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<b>BAHAMA ISLANDS</b>							
12012 <i>J 4643.4</i>	-High Cay.	24° 38.9' N 77° 41.7' W	<b>Fl.W.</b> period 4s fl. 0.4s, ec. 3.6s	70 21	6	Framework tower, red and white checkered diamond daymark.	
12016 <i>J 4642.3</i>	-Site 1, No 5.	24° 42.8' N 77° 45.3' W	<b>Fl.G.</b> period 4s fl. 0.4s, ec. 3.6s	18 5	6	Dolphin, black square daymark, green border.	
12020 <i>J 4642.32</i>	--No 6.	24° 42.9' N 77° 45.3' W	<b>Fl.R.</b> period 4s fl. 0.4s, ec. 3.6s	19 6	3	Dolphin, red triangular daymark point up.	
12024 <i>J 4642.34</i>	--No 7.	24° 42.6' N 77° 45.6' W	<b>Fl.G.</b> period 4s fl. 0.4s, ec. 3.6s	16 5	4	Dolphin, green square daymark.	
12026 <i>J 4642.5</i>	--No 9.	24° 42.5' N 77° 45.7' W	<b>Fl.G.</b> period 6s	16 5	4		
12028 <i>J 4642.4</i>	--No 10.	24° 42.5' N 77° 45.8' W	<b>Fl.R.</b> period 4s fl. 0.4s, ec. 3.6s	16 5	3	Dolphin, red triangular daymark point up.	
12030 <i>J 4642.6</i>	--No 15.	24° 42.3' N 77° 45.8' W	<b>Fl.G.</b> period 6s	16 5	4		
12032 <i>J 4646</i>	-Middle Bight on rock S. side of channel.	24° 19.0' N 77° 39.7' W	<b>Fl.W.</b> period 5s	17 5	7	White metal framework tower.	
12036 <i>J 4644</i>	-Site 2 Range, front.	24° 29.9' N 77° 43.1' W	<b>Q.G.</b>	22 7	10	White tower, red rectangular daymark, white stripe.	
12040 <i>J 4644.1</i>	--Rear, 745 meters 269°54' from front.	24° 29.9' N 77° 43.5' W	<b>Iso.G.</b> period 6s	42 13	10	White tower, red rectangular daymark, white stripe.	
12044 <i>J 4644.3</i>	-Site 2, No 3.	24° 29.9' N 77° 42.0' W	<b>Fl.G.</b> period 4s fl. 0.4s, ec. 3.6s	19 6	4	Dolphin, black square daymark.	Fl.G. and Fl.R. lights mark channel.
12044.4 <i>J 4644.4</i>	--No 4.	24° 29.9' N 77° 42.0' W	<b>Fl.R.</b> period 4s	19 6	3	Dolphin, red triangular daymark point up.	
12044.8 <i>J 4644.5</i>	--No 6.	24° 29.9' N 77° 42.2' W	<b>Fl.R.</b> period 4s	19 6	3	Dolphin, red triangular daymark point up.	
12045 <i>J 4644.6</i>	--No 9.	24° 29.9' N 77° 42.6' W	<b>Fl.G.</b> period 4s	16 5	4	Dolphin, black ball daymark.	
12045.2 <i>J 4644.7</i>	--No 10.	24° 29.9' N 77° 42.6' W	<b>Fl.R.</b> period 4s	16 5	3	Dolphin, red triangular daymark point up.	
12045.6 <i>J 4644.8</i>	--No 13.	24° 29.9' N 77° 43.0' W	<b>Fl.G.</b> period 4s	17 5	4	Dolphin, black ball daymark.	
12046 <i>J 4644.9</i>	-Site 3 ITT Tower.	24° 20.9' N 77° 40.4' W	<b>Fl.Y.</b> period 4s	33 10	5		
12048 <i>J 4645</i>	-Site 3 No 3.	24° 20.1' N 77° 40.4' W	<b>Fl.G.</b> period 4s fl. 0.4s, ec. 3.6s	19 6	4	Dolphin, green square daymark.	Fl.G. and Fl.R. lights mark channel.
12048.4 <i>J 4645.1</i>	--No 4.	24° 20.2' N 77° 40.4' W	<b>Fl.R.</b> period 4s	20 6	3	Dolphin, red triangular daymark point up.	
12048.8 <i>J 4645.2</i>	--No 5.	24° 20.2' N 77° 40.6' W	<b>Fl.G.</b> period 4s	19 6	4	Dolphin, black square daymark.	
12049 <i>J 4645.3</i>	--No 6.	24° 20.2' N 77° 40.9' W	<b>Fl.R.</b> period 4s	16 5	3	Dolphin, red triangular daymark point up.	
12049.4 <i>J 4645.4</i>	--No 9.	24° 20.2' N 77° 40.9' W	<b>Fl.G.</b> period 4s	16 5	4	Dolphin, black square daymark.	
12052 <i>J 4647</i>	-Mangrove Cay, Peats Wharf.	24° 14.3' N 77° 38.5' W	<b>F.R.</b>	20 6	7		
12056 <i>J 4648</i>	-Sirious Rock.	24° 13.0' N 77° 36.0' W	<b>Fl.W.</b> period 3s	29 9	7	Black and white mast, white round structure.	



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<b>BAHAMA ISLANDS</b>							
12056.1 <i>J 4648.2</i>	-Site 4 ITT Tower.	24° 13.3' N 77° 36.0' W	<b>Fl.Y.</b> period 4s	33 10	5		
12056.2 <i>J 4648.25</i>	-Site 4 No 3.	24° 13.4' N 77° 36.2' W	<b>Fl.G.</b> period 4s	23 7	4		
12056.4 <i>J 4648.22</i>	--No 2.	24° 13.4' N 77° 36.2' W	<b>Fl.R.</b> period 4s	22 7	3		
12056.6 <i>J 4648.27</i>	--No 4.	24° 13.3' N 77° 36.2' W	<b>Fl.R.</b> period 4s	20 6	3		
12060 <i>J 4649</i>	-Green Cay.	24° 02.4' N 77° 10.7' W	<b>Fl.W.</b> period 3s	33 10	7	Black metal column, concrete base; 23.	
12060.2 <i>J 4648.3</i>	-Site 6 Range, front.	24° 00.4' N 77° 31.7' W	<b>Q.W.</b>	34 10	10	Framework tower.	
12060.4 <i>J 4648.31</i>	--Rear, 760 meters 257° from front.	24° 00.3' N 77° 32.1' W	<b>Iso.W.</b> period 6s	68 21	10	Framework tower.	
12060.6 <i>J 4648.32</i>	-Site 6 No 4.	24° 00.6' N 77° 30.1' W	<b>Fl.R.</b> period 4s	16 5	3		
12060.8 <i>J 4648.321</i>	--No 5.	24° 00.5' N 77° 30.1' W	<b>Fl.G.</b> period 4s	22 7	4		
12061 <i>J 4648.322</i>	--No 6.	24° 00.5' N 77° 30.2' W	<b>Fl.R.</b> period 4s	21 6	3		
12061.2 <i>J 4648.323</i>	--No 7.	24° 00.5' N 77° 30.2' W	<b>Fl.G.</b> period 4s	21 6	4		
12061.4 <i>J 4648.324</i>	--No 8.	24° 00.6' N 77° 30.4' W	<b>Fl.R.</b> period 4s	21 6	3		
12061.6 <i>J 4648.325</i>	--No 9.	24° 00.5' N 77° 30.4' W	<b>Fl.G.</b> period 4s	20 6	4		
12061.8 <i>J 4648.326</i>	--No 10.	24° 00.6' N 77° 30.5' W	<b>Fl.R.</b> period 4s	20 6	3		
12062 <i>J 4648.327</i>	--No 11.	24° 00.6' N 77° 30.7' W	<b>Fl.G.</b> period 4s	18 5	4		
12062.2 <i>J 4648.328</i>	--No 12.	24° 00.6' N 77° 30.7' W	<b>Fl.R.</b> period 4s	17 5	3		
12062.4 <i>J 4648.329</i>	--No 13.	24° 00.6' N 77° 30.9' W	<b>Fl.G.</b> period 4s	20 6	4		
12062.6 <i>J 4648.33</i>	--No 16.	24° 00.5' N 77° 31.3' W	<b>Fl.R.</b> period 4s	16 5	3		
12062.8 <i>J 4648.331</i>	--No 17.	24° 00.4' N 77° 31.6' W	<b>Fl.G.</b> period 4s	16 5	4		
12064 <i>J 4648.5</i>	-Tinker Rocks.	23° 58.5' N 77° 29.3' W	<b>Fl.W.</b> period 4.2s	32 10	8	Metal tower.	
12068 <i>J 4648.7</i>	-High Point Cay.	23° 55.2' N 77° 28.5' W	<b>Fl.W.</b> period 5s			White building on piles.	
12068.2 <i>J 4648.75</i>	-Site 7 No 4.	23° 54.0' N 77° 28.7' W	<b>Fl.R.</b> period 4s	20 6	3		
12068.4 <i>J 4648.751</i>	--No 5.	23° 53.9' N 77° 28.7' W	<b>Fl.G.</b> period 4s	20 6	4		
12068.6 <i>J 4648.752</i>	--No 7.	23° 53.9' N 77° 28.8' W	<b>Fl.G.</b> period 4s	17 5	4		
12068.8 <i>J 4648.753</i>	--No 10.	23° 54.0' N 77° 29.0' W	<b>Fl.R.</b> period 4s	16 5	3		
12069 <i>J 4648.754</i>	--No 11.	23° 53.9' N 77° 29.1' W	<b>Fl.G.</b> period 4s	18 5	4		

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<b>BAHAMA ISLANDS</b>							
12069.2 <i>J 4648.755</i>	--No 12.	23° 53.9' N 77° 29.1' W	<b>Fl.R.</b> period 4s	19 6	3		
12069.4 <i>J 4648.756</i>	--No.14.	23° 53.9' N 77° 29.3' W	<b>Fl.R.</b> period 4s	17 5	3		
12072 <i>J 4632</i>	-Billy Island, N. end of Williams Island.	24° 39.6' N 78° 28.6' W	<b>F.W.</b>	23 7	5	Metal tower; 23.	Fishing light.
NEW PROVIDENCE ISLAND:							
12076 <i>J 4650</i>	-Goulding Cay, off W. point of New Providence Island.	25° 01.3' N 77° 34.3' W	<b>Fl.W.</b> period 2s	36 11	8	Gray metal structure; 49.	
-Nassau Harbor:							
12080 <i>J 4654</i>	-- <b>Fort Fincastle</b> AVIATION LIGHT.	25° 04.4' N 77° 20.3' W	<b>Fl.W.</b> period 5s	219 67	28	White concrete water tower; 131.	Obscured SW. by island.
12084 <i>J 4655</i>	--Paradise (Hog) Island, W. point.	25° 05.2' N 77° 21.1' W	<b>Fl.W.</b> period 5s	68 21	13	White round tower; 63.	Fl.R. 5s 11M when bar is dangerous. Visible 025°-334°.
12086 <i>J 4657.4</i>	--W. breakwater, head.	25° 05.1' N 77° 21.3' W	<b>Fl.R.</b> period 5s	29 9		Tower.	
12088 <i>J 4656</i>	--W. of town, Range, front.	25° 04.7' N 77° 21.0' W	<b>F.G.</b>	37 11	7	Orange mast; 39.	Difficult to distinguish.
12092 <i>J 4656.1</i>	---Rear, 260 meters 151°36' from front.	25° 04.6' N 77° 20.9' W	<b>F.G.</b>	61 19	7	Orange mast; 36.	Difficult to distinguish.
12096 <i>J 4658</i>	--Government House.	25° 04.5' N 77° 20.7' W	<b>Fl.R.</b> period 3s	122 37	10	Building, green cupola; 69.	
12100 <i>J 4664</i>	-The Narrows.	25° 04.7' N 77° 17.3' W	<b>Fl.R.</b> period 5s	12 4	2	White mast; 13.	
12104 <i>J 4668</i>	-Porgee Rocks.	25° 04.0' N 77° 14.6' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	25 8	5	Metal tower; 23.	
12108 <i>J 4662</i>	-Chub Rocks.	25° 06.5' N 77° 14.4' W	<b>Fl.W.</b> period 5s	32 10	4	White metal framework tower; 26.	
12112 <i>J 4669</i>	-On point, S. of East End Point.	25° 02.0' N 77° 15.6' W	<b>Fl.W.</b> period 6s	57 17	8	White square stone building; 26.	Visible 180°-056°.
12112.5 <i>J 4669.4</i>	-Port New Providence Marina, entrance channel.	25° 00.2' N 77° 15.7' W	<b>Fl.W.</b> period 4s fl. 0.4s, ec. 3.6s	7 2	4	Wooden pile.	
12112.7 <i>J 4669.6</i>	--No 1.	25° 00.3' N 77° 15.8' W	<b>Fl.W.</b> period 4s fl. 0.4s, ec. 3.6s	7 2	4	Wooden pile.	
12112.9 <i>J 4669.7</i>	--No 2.	25° 00.4' N 77° 15.9' W	<b>Fl.W.</b> period 4s fl. 0.4s, ec. 3.6s	7 2	4	Wooden pile.	
12114 <i>J 4670.8</i>	-Clifton Terminal.	25° 00.4' N 77° 32.5' W	<b>2 Q.R.</b> (horiz.)  <b>2 F.R.</b> (horiz.)	121 37  59 18	13  10	Orange mast, white bands.	
GREAT BAHAMA BANK:							
12116 <i>J 4722</i>	-Beacon Cay (North Rock), Ship Channel.	24° 52.7' N 76° 49.9' W	<b>Fl.W.R.</b> period 3s	58 18	8	Gray metal framework tower; 30.	R. 292°-303°, W.-292°. Partially obscured by neighboring islands 319°-006°.
12120 <i>J 4724</i>	-Elbow Cay.	24° 30.9' N 76° 49.0' W	<b>Fl.W.</b> period 2s	46 14	11	Gray metal framework tower; 26.	

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<b>BAHAMA ISLANDS</b>							
12124 <i>J 4728</i>	-Harvey Cay.	24° 09.2' N 76° 29.2' W	<b>Fl.W.</b> period 3.3s	49 15	6	Gray beacon; 13.	
12128 <i>J 4726</i>	-Bitter Guana Cay, N. end Dotham's Cut.	24° 07.0' N 76° 23.0' W	<b>Fl.W.</b> period 5s	33 10			
12132 <i>J 4730</i>	-Galliot Cut.	23° 55.1' N 76° 16.7' W	<b>Fl.W.</b> period 4s	43 13	7	Gray metal framework tower.	
	-Eleuthera Island:						
12136 <i>J 4694</i>	--Tarpum Bay, S. end.	24° 58.2' N 76° 11.2' W	<b>F.W.</b>	35 11	7	Mast; 20.	
12140 <i>J 4700</i>	--Powell Point.	24° 50.3' N 76° 20.7' W	<b>Fl.W.</b> period 3s	38 12	8	Gray metal framework tower; 30.	
12144 <i>J 4696</i>	--Poison Point.	24° 49.3' N 76° 11.7' W	<b>Fl.W.</b> period 15s	29 9	7	Metal tower; 13.	
12148 <i>J 4698</i>	--Rock Sound settlement.	24° 52.0' N 76° 09.6' W	<b>F.R.</b>	25 8		Mast; 20.	
12152 <i>J 4701</i>	--Free Town.	24° 46.1' N 76° 16.8' W	<b>F.W.</b>	19 6	7	Mast.	
12156 <i>J 4702</i>	--Wemyss Bight.	24° 43.6' N 76° 13.2' W	<b>F.W.</b>	27 8	2	White mast; 16.	
12158 <i>J 4705</i>	--North Palmetto Point.	25° 10.8' N 76° 11.4' W	<b>Iso.W.</b> period 4s	73 22	12	White tower, black top, dwelling.	
12160 <i>J 4692</i>	--Cupid Cay.	25° 11.5' N 76° 15.0' W	<b>Fl.W.</b> period 4s	40 12	8	Gray metal framework.	
12162 <i>J 4691</i>	--AVIATION LIGHT.	25° 16.3' N 76° 19.0' W	<b>Iso.R.</b> period 3s			Radio mast.	
12164 <i>J 4688</i>	--Hatchet Bay.	25° 20.9' N 76° 29.6' W	<b>Fl.W.</b> period 15s	57 17	8	White metal framework tower; 23.	2 F.R. range lights in line on 022° are shown from the E. side of the bay.
12168 <i>J 4686</i>	--Stafford, Gregory Town.	25° 23.4' N 76° 33.6' W	<b>F.W.</b>	41 12	9	Mast; 13.	
12172 <i>J 4674</i>	--Six Shilling Cays.	25° 16.4' N 76° 54.4' W	<b>Fl.W.</b> period 8s	32 10	10	Metal framework tower; 33.	
12176 <i>J 4675</i>	--Six Shilling Channel, 4.3 kilometers 235°30' from Six Shilling Cays Light.	25° 15.3' N 76° 56.2' W	<b>Fl.R.</b> period 4s fl. 0.4s, ec. 3.6s	16 5	7	Metal structure.	
12180 <i>J 4676</i>	--Current Rock.	25° 24.0' N 76° 51.1' W	<b>Fl.W.</b> period 8s	41 12	7	Metal framework tower; 33.	
12184 <i>J 4677</i>	--Current.	25° 24.4' N 76° 46.8' W	<b>F.W.</b>	12 4	1	Mast.	
12188 <i>J 4675.5</i>	--Current Island.	25° 22.9' N 76° 48.5' W	<b>F.W.</b>	20 6	1	Mast.	
12192 <i>J 4680</i>	--The Bluff.	25° 29.4' N 76° 44.9' W	<b>F.W.</b>	20 6	1	Mast.	
12196 <i>J 4681</i>	--Spanish Wells.	25° 32.3' N 76° 45.1' W	<b>F.W.</b>	6 2	1	Concrete column.	
12200 <i>J 4678</i>	--Egg Island.	25° 29.8' N 76° 52.9' W	<b>Fl.W.</b> period 3s	112 34	12	White metal tower; 59.	
12204 <i>J 4682</i>	--Man Island.	25° 32.8' N 76° 38.5' W	<b>Fl.(3)W.</b> period 15s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 11.5s	93 28	12	White metal framework tower; 59.	
12208 <i>J 4704</i>	--Eleuthera Point.	24° 36.9' N 76° 08.8' W	<b>Fl.W.</b> period 4.6s	61 19	6	Beacon, white dwelling; 26.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BAHAMA ISLANDS</b>							
EXUMA SOUND:							
12212 J 4708	-Little San Salvador.	24° 33.9' N 75° 56.1' W	<b>Fl.W.</b> period 2.4s	69 21	13	Gray metal framework tower; 30.	Visible 240°-110°, 130°-140°, 170°-190° and 200°-220°.
-Cat Island:							
12220 J 4712	--Bennetts Harbor.	24° 33.6' N 75° 38.3' W	<b>Fl.W.</b> period 4s	53 16	12	Gray metal framework tower; 30.	Visible 350°-130°.
12228 J 4716	--Smith Town.	24° 19.9' N 75° 28.5' W	<b>Fl.W.</b> period 3.3s	39 12	7	Gray metal framework tower.	
12236 J 4718	--Devils Point on summit 823 meters NW. of point.	24° 07.3' N 75° 27.9' W	<b>Fl.W.</b> period 5s	143 44	12	White metal framework tower; 30.	
12240 J 4748	-Conception Island.	23° 49.3' N 75° 07.0' W	<b>Fl.W.</b> period 2s	84 26	6	Gray metal framework tower; 30.	
-Great Exuma Island:							
12244 J 4734	--Exuma Harbor, Conch Cay.	23° 33.3' N 75° 48.0' W	<b>Fl.W.</b> period 5s	39 12	8	Gray metal framework tower; 30.	
12248 J 4732	--Simon Point.	23° 32.0' N 75° 48.0' W	<b>F.W.</b>	40 12	5	Mast; 16.	
12252 J 4737	--Hawksbill Rocks.	23° 25.4' N 76° 05.6' W	<b>Fl.W.</b> period 3.3s	32 10	6	White conical metal tower, black bands; 23.	
12256 J 4736	--Jewfish Cut.	23° 27.0' N 75° 57.6' W	<b>Fl.W.</b> period 2.5s	38 12	8	Black conical metal tower, white top; 23.	
-Long Island:							
12260 J 4750	--Cape St. Maria.	23° 40.5' N 75° 20.4' W	<b>Fl.W.</b> period 3.3s	99 30	14	Gray metal framework tower; 30.	Visible 340°-240°.
12264 J 4752	--Simms.	23° 29.4' N 75° 14.7' W	<b>F.W.</b>	23 7	4	Mast.	
12268 J 4753	--Great Harbor, Booby Rock.	23° 06.9' N 74° 56.9' W	<b>Fl.W.</b> period 2s	39 12	8	White tower, red bands; 26.	
12272 J 4754	--Harbor Point.	23° 06.1' N 74° 57.5' W	<b>F.W.</b>	25 8	3	White mast, hut; 20.	
12276 J 4760	--Galloway Landing.	23° 04.3' N 74° 59.0' W	<b>F.W.</b>	14 4	2	White mast; 23.	
12280 J 4758	--South Point, Turbot Hill.	22° 51.5' N 74° 51.2' W	<b>Fl.W.</b> period 2.5s	61 19	12	Gray metal framework tower; 30.	Partially obscured 140°-245°.
12284 J 4744	--Rum Cay, Port Nelson.	23° 38.7' N 74° 50.2' W	<b>F.W.</b>	18 5	5	Mast; 13.	
12285 J 4745	--Cotton Field Point.	23° 39.2' N 74° 51.6' W	<b>L.Fl.W.Y.R.</b> period 10s fl. 2s, ec. 8s	75 23	10		R. 083°30'-006°30', W.-014°30', Y.-075°30', W.-083°30'.
12288 J 4738	<b>-San Salvador.</b>	24° 06.0' N 74° 27.1' W	<b>Fl.(2)W.</b> period 10s fl. 0.2s, ec. 1.3s fl. 0.2s, ec. 8.3s	163 50	23	White stone tower, dwelling; 72.	Partially obscured 001°-008°, 010°-068°, and 076°-095°.
12292 J 4740	-Cockburn Town, near landing.	24° 03.2' N 74° 31.8' W	<b>F.W.</b>	23 7	1	Mast; 13.	
CROOKED ISLAND AND ACKLINS ISLAND:							
12296 J 4792	<b>-Bird Rock.</b>	22° 50.7' N 74° 21.5' W	<b>Fl.(2)W.</b> period 15s	112 34	22	White conical stone tower.	
12300 J 4794	-Majors Cay.	22° 44.2' N 74° 09.2' W	<b>F.W.</b>	30 9	4	Mast; 20.	Unreliable.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BAHAMA ISLANDS</b>							
12304 J 4778	Acklins Island.	22° 43.9' N 73° 50.9' W	<b>Fl.W.</b> period 6s	56 17	10	White round metal tower; 33.	
12308 J 4779	-Atwood Harbor.	22° 43.5' N 73° 53.0' W	<b>Fl.W.</b> period 4.5s	20 6	5	Black metal tower.	
12312 J 4780	-Spring Point.	22° 27.9' N 73° 57.2' W	<b>F.W.</b>	19 6	7	White pole; 16.	
12316 J 4786	-Long Cay.	22° 36.1' N 74° 19.6' W	<b>F.W.</b>	60 18	4	White post.	
12320 J 4788	-Windsor Point.	22° 33.1' N 74° 22.4' W	<b>Fl.W.</b> period 3s	36 11	8	Metal tower; 36.	
12324 J 4782	<b>-Castle Island.</b>	22° 07.6' N 74° 19.7' W	<b>Fl.(2)W.</b> period 20s	131 40	22	White concrete tower; 112.	
JUMENTOS CAYS:							
12328 J 4764	-Nuevitas Rocks.	23° 09.7' N 75° 22.4' W	<b>Fl.W.</b> period 4s	38 12	10	Gray metal tower; 30.	
12332 J 4766	-Flamingo Cay.	22° 52.8' N 75° 52.0' W	<b>Fl.W.</b> period 6s	138 42	8	Gray metal framework tower; 13.	
12336 J 4768	-Ragged Island, Duncan Town (Man-O-War Hill).	22° 11.0' N 75° 44.0' W	<b>Fl.W.</b> period 3s	118 36	12	Black pipe, platform; 23.	F.W. light shown from settlement wharf.
12340 J 4772	-Cay Santo Domingo.	21° 43.2' N 75° 45.4' W	<b>Fl.W.</b> period 5s	29 9	7	Red framework tower, silver bands.	
12344 J 4774	<b>Cay Lobos.</b>	22° 22.7' N 77° 35.3' W	<b>Fl.(2)W.</b> period 20s fl. 0.2s, ec. 1.5s fl. 0.2s, ec. 18.1s	145 44	22	White round metal tower; 148.	
MAYAGUANA ISLAND:							
12348 J 4800	-Guano Point, Abraham Bay.	22° 21.4' N 72° 57.9' W	<b>Fl.W.</b> period 3s	14 4	8	Gray structure; 7.	
12352 J 4798	-Northwest Point.	22° 27.5' N 73° 07.9' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	70 21	12	White framework tower, red lantern.	
12356 J 4802	Hogsty Reef.	21° 41.7' N 73° 50.9' W	<b>Fl.W.</b> period 4s	29 9	8	Red mast, white bands; 23.	
GREAT INAGUA ISLAND:							
12360 J 4804	<b>-Great Inagua.</b>	20° 56.1' N 73° 40.2' W	<b>Fl.(2)W.</b> period 10s fl. 0.4s, ec. 0.9s fl. 0.4s, ec. 8.3s	120 37	22	White conical tower; 112.	Partially obscured 165°-183°.

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**TURKS AND CAICOS ISLANDS**

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CAICOS ISLANDS:

12380 J 4806.8	-Providenciales Island, E. head.	21° 48.5' N 72° 07.8' W	<b>Fl.W.</b> period 10s		12		Temporarily extinguished (2009).
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Lights in the Caicos and Turks Islands are reported to be unreliable.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>TURKS AND CAICOS ISLANDS</b>							
12384 J 4806.6	--NW. point.	21° 51.8' N 72° 20.0' W	<b>Fl.(3)W.</b> period 15s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 9.5s		14		<i>Temporarily extinguished (2010).</i>
12388 J 4807	-Cape Comete, East Caicos Island.	21° 43.4' N 71° 28.3' W	<b>Fl.(2)W.</b> period 20s		12		<i>Temporarily extinguished (2009).</i>
12392 J 4808	-South Caicos Island Cockburn Harbor, on Government Hill.	21° 29.3' N 71° 31.6' W	<b>F.W.</b>	50 15	9	White building; 16.	Visible 180°-090°. <i>Temporarily extinguished (2009).</i>
12396 J 4809	-Long Cay, E. end.	21° 29.0' N 71° 32.1' W	<b>Fl.G.</b> period 2.5s fl. 0.5s, ec. 2s		5		<i>Temporarily extinguished (2009).</i>
12400 J 4809.4	-Dove Cay, W. end.	21° 29.1' N 71° 31.8' W	<b>Fl.R.</b> period 2.5s fl. 0.5s, ec. 2s		5	White tower.	<i>Temporarily extinguished (2009).</i>
12404 J 4810	-Bush Cay.	21° 11.2' N 71° 38.2' W	<b>Fl.(2)W.</b> period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s		14		<i>Temporarily extinguished (2009).</i>
12405 J 4811	-French Cay.	21° 30.5' N 72° 12.7' W	<b>Fl.R.</b>	10 3		Pillar.	<i>Temporarily extinguished (2009).</i>
12406 J 4811.5	-W. Caicos, S. end.	21° 37.6' N 72° 28.3' W	<b>Q.R.</b>	52 16		Pillar.	<i>Temporarily extinguished (2009).</i>
TURKS ISLANDS:							
12408 J 4812	- <b>Grand Turk.</b>	21° 30.7' N 71° 08.0' W	<b>Fl.W.</b> period 7.5s fl. 1s, ec. 6.5s	108 33	18	White round metal tower; 62.	F.W. on tower 1.1 miles S. F.R. on tower 3 miles S. <i>Temporarily extinguished (2009).</i>
12420 J 4814	-Freighter Dock.	21° 26.0' N 71° 09.0' W	<b>2 F.R.</b>				<i>Temporarily extinguished (2009).</i>
12428 J 4816	-Salt Cay.	21° 20.2' N 71° 12.7' W	<b>Fl.(4)W.</b> period 20s		8		<i>Temporarily extinguished (2009).</i>
12432 J 4818	-Sand Cay.	21° 11.8' N 71° 14.9' W	<b>Fl.W.</b> period 2s fl. 0.1s, ec. 1.9s	85 26	10	Red metal framework tower; 49.	<i>Temporarily extinguished (2009).</i>

Lights in the Caicos and Turks Islands are reported to be unreliable.

# Section 8

## Cuba

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CUBA</b>							
12436 <i>J 4820</i>	<b>Cabo San Antonio.</b>	21° 52.1' N 84° 57.1' W	<b>Fl.(2)W.</b> period 10s	102 31	<b>18</b>	Yellow round masonry tower; 75.	Aeromarine light. Reserve light range 7M.
12440 <i>J 4822</i>	Banco Sancho Pardo.	22° 09.7' N 84° 44.9' W	<b>Fl.W.</b> period 8s fl. 1s, ec. 7s	36 11	10	Red framework tower; 26.	
12448 <i>J 4823</i>	La Tabla.	22° 18.2' N 84° 39.9' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	36 11	12	White framework tower, piles; 26.	
12452 <i>J 4823.5</i>	Zorrita.	22° 22.3' N 84° 34.9' W	<b>Fl.W.</b> period 7s fl. 1s, ec. 6s	36 11	10	Green framework tower, piles; 26.	
12456 <i>J 4824</i>	El Pinto.	22° 24.9' N 84° 31.1' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	36 11	10	Red framework tower, yellow bands, piles; 26.	
12460 <i>J 4826</i>	Cayo Buenavista.	22° 24.1' N 84° 26.7' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	108 33	6	Aluminum framework tower; 98.	
12464 <i>J 4824.5</i>	Quebrado de Buenavista.	22° 28.1' N 84° 28.1' W	<b>Fl.W.</b> period 7s fl. 1s, ec. 6s	36 11	10	White framework tower, piles; 26.	
12468 <i>J 4827.5</i>	Cabezo Seco.	22° 32.1' N 84° 20.0' W	<b>Fl.W.</b> period 12s fl. 1s, ec. 11s	36 11	10	White framework tower, red bands, piles; 26.	
12472 <i>J 4827</i>	Puerto de Los Arroyos, Baja La Paila.	22° 21.4' N 84° 22.8' W	<b>Fl.G.</b> period 5s	16 5	3	PORT (B) G, tower, topmark.	
12476 <i>J 4827.8</i>	Punta Tabaco.	22° 34.6' N 84° 15.3' W	<b>Fl.W.</b> period 8s fl. 1s, ec. 7s	36 11	10	Yellow framework tower, piles; 26.	
12480 <i>J 4827.9</i>	<b>Roncadora.</b>	22° 38.2' N 84° 11.8' W	<b>Fl.W.</b> period 10s	39 12	<b>15</b>	Red framework tower, piles; 26.	
12484 <i>J 4828</i>	<b>Cayo Jutias.</b>	22° 42.9' N 84° 01.4' W	<b>L.Fl.W.</b> period 15s fl. 2s, ec. 13s	141 43	<b>22</b>	Yellow octagonal metal framework tower, black bands; 135.	
12504 <i>J 4832</i>	Cayo Arenas.	22° 50.2' N 83° 39.3' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	46 14	10	Aluminum framework tower; 39.	
12505 <i>J 4833</i>	No 13.	22° 51.4' N 83° 34.8' W	<b>Fl.G.</b> period 5s	13 4	4	PORT (B) G, tower, topmark.	
12505.2 <i>J 4833.1</i>	No 15.	22° 51.1' N 83° 34.6' W	<b>Fl.G.</b> period 5s	13 4	4	PORT (B) G, tower, topmark.	
12512 <i>J 4836</i>	<b>Punta Gobernadora.</b>	22° 59.7' N 83° 13.0' W	<b>Fl.W.</b> period 6s	108 33	<b>27</b>	White conical metal tower, red bands; 105.	Aeromarine light. Reserve light range 7M.
BAHIA HONDA:							
12516 <i>J 4838</i>	-N. of old fort on Punta del Morrillo.	22° 58.9' N 83° 09.2' W	<b>Fl.(2)W.</b> period 10s	89 27	8	Aluminum framework tower; 26.	

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CUBA</b>							
BAHIA CABANAS:							
12528 <i>J 4842</i>	-Cerro Frias.	22° 59.8' N 82° 58.9' W	<b>Fl.W.</b> period 8s	174 53	10	White framework tower; 26.	
12536 <i>J 4843</i>	-Punta Arenas, edge of shoal S. of Punta Arena (No 2A).	22° 59.2' N 82° 59.0' W	<b>Fl.R.</b> period 6s fl. 0.5s, ec. 5.5s	16 5	3	STARBOARD (B) R, tower, topmark.	
12540 <i>J 4842.5</i>	-Punta Africana, NE. point of Cayo Juan Tomas (No 6).	22° 59.2' N 82° 58.3' W	<b>Fl.R.</b> period 4s	16 5	3	STARBOARD (B) R, tower, topmark.	
12542 <i>J 4840</i>	-Peninsula Juan Tomas Entrance Range, front.	22° 59.2' N 82° 58.4' W	<b>Q.W.</b>	39 12	12	Metal framework tower, red diamond daymark, white border; 33.	
12542.5 <i>J 4841</i>	--Rear, 304 meters 170° from front.	22° 59.0' N 82° 58.4' W	<b>Iso.W.</b> period 1.5s	49 15	12	Metal framework tower, red diamond daymark, white border; 43.	
12544 <i>J 4843.5</i>	-Piedra Gloria No 8.	22° 59.6' N 82° 56.7' W	<b>Fl.R.</b> period 6s fl. 0.5s, ec. 5.5s	16 5	3	STARBOARD (B) R, tower, topmark.	
BAHIA DEL MARIEL:							
12552 <i>J 4846</i>	-Puerto del Mariel, W. side of entrance.	23° 01.3' N 82° 45.6' W	<b>Fl.W.</b> period 12s	134 41	11	White framework tower; 102.	
12556 <i>J 4847</i>	-Punta Regula Entrance Range, front.	23° 00.9' N 82° 45.5' W	<b>Q.W.</b>	23 7	13	White diamond daymark, black border; 16.	<b>AIS</b> (MMSI No 993231003).
12560 <i>J 4847.1</i>	--Rear, 500 meters 182° from front.	23° 00.7' N 82° 45.6' W	<b>Q.W.</b>	49 15	13	White diamond daymark, black border; 36.	<b>AIS</b> (MMSI No 993231004).
12561 <i>J 4845</i>	-Esenada de Laza, front.	23° 00.8' N 82° 46.7' W	<b>Q.W.</b>	33 10	2	White metal tower, yellow top; 20.	
12561.5 <i>J 4845.1</i>	--Rear, 230 meters 270° from front.	23° 00.8' N 82° 46.8' W	<b>Iso.W.</b> period 3s	56 17	2	White metal tower, yellow top; 16.	
12562 <i>J 4847.6</i>	<b>Rio Santa Ana.</b>	23° 03.4' N 82° 32.5' W	<b>Fl.W.</b> period 10s	184 56	15	Blue water tank, blue and white columns.	
12564 <i>J 4848</i>	Darsena de Barlovento.	23° 05.6' N 82° 29.4' W	<b>Fl.W.</b> period 7s	118 36	10	White framework tower, building; 26.	
12565 <i>J 4849</i>	-Santa Fe.	23° 04.9' N 82° 30.2' W	<b>Q.W.R.G.</b>	16 5	9	Framework tower, white square daymark with orange diamond in center; 16.	
12565.6 <i>J 4849.4</i>	--E side. No 3.	23° 05.1' N 82° 30.3' W	<b>Fl.G.</b> period 5s	20 6	3	Green fiberglass tower, pile.	
LA HABANA (HAVANA):							
12572 <i>J 4854</i>	-Bahia Chorrera, entrance (No 2), W. side.	23° 08.0' N 82° 24.7' W	<b>Fl.R.</b> period 6s	33 10	3	STARBOARD (B) R, tower, topmark; 26.	
12576 <i>J 4855</i>	-No 3, on mole.	23° 07.9' N 82° 24.7' W	<b>Fl.G.</b> period 3s	10 3	3	PORT (B) G, column, topmark.	
12580 <i>J 4857</i>	<b>-Castillo del Morro.</b>	23° 09.0' N 82° 21.4' W	<b>Fl.(2)W.</b> period 15s	144 44	26	Yellow conical tower; 82. Floodlit.	Storm signals. Aeromarine light. Reserve light range 11M.
12585 <i>J 4858</i>	-Neptuno.	23° 08.5' N 82° 20.9' W	<b>Fl.R.</b> period 4s	26 8	4	STARBOARD (B) R, tower, topmark.	
12590 <i>J 4860</i>	-Range, front.	23° 08.1' N 82° 19.7' W	<b>Iso.Y.</b>	59 18	9	Aluminum framework tower, breakwater; 39.	

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<b>CUBA</b>							
12592 <i>J 4860.1</i>	--Rear, 480 meters 099°24' from front.	23° 08.1' N 82° 19.5' W	<b>Q.Y.</b>	59 <b>18</b>	9	Aluminum framework tower; 105.	
12597 <i>J 4859</i>	-Range, front.	23° 07.9' N 82° 19.8' W	<b>Q.Y.</b>	42 <b>13</b>	10	White framework tower, yellow diamond daymark, black border; 39.	
12598 <i>J 4859.1</i>	--Rear, 300 meters 124° from front.	23° 07.8' N 82° 19.7' W	<b>Iso.Y.</b> period 6s	62 <b>19</b>	10	White framework tower, yellow diamond daymark, black border; 59.	
12600 <i>J 4862</i>	Rio Cojimar.	23° 10.0' N 82° 17.6' W	<b>Fl.G.</b> period 5s	30 <b>9</b>	3	PORT (B) G, column, topmark; 30.	
12612 <i>J 4867</i>	-Rio Jaruco, W. side of entrance.	23° 10.8' N 82° 00.7' W	<b>Fl.W.</b> period 10s	56 <b>17</b>	11	White cylindrical fiberglass tower, red bands; 33.	
12613 <i>J 4867.5</i>	<b>Canasi.</b>	23° 08.7' N 81° 47.6' W	<b>Fl.W.</b> period 7s fl. 1s, ec. 6s	410 <b>125</b>	15	White fiberglass tower, red bands; 26.	
12616 <i>J 4868</i>	Punta Seboruco.	23° 09.2' N 81° 36.4' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	115 <b>35</b>	10	White round concrete tower, red bands; 108.	
12620 <i>J 4872</i>	<b>Punta Maya.</b>	23° 05.6' N 81° 28.5' W	<b>Fl.W.</b> period 8s fl. 1s, ec. 7s	112 <b>34</b>	17	White round concrete tower; 105.	FW. on wharf, N. side of port. Reserve light range 7M.
CANALIZO PASO MALO:							
12628 <i>J 4875</i>	-Kawama W. Jetty.	23° 08.0' N 81° 18.8' W	<b>Fl.R.</b> period 4s fl. 0.4s, ec. 3.6s	23 <b>7</b>	3	STARBOARD (B) R, column, topmark; 20.	
12632 <i>J 4875.2</i>	--E. Jetty.	23° 08.0' N 81° 18.7' W	<b>Fl.G.</b> period 3s fl. 0.4s, ec. 2.6s	23 <b>7</b>	3	PORT (B) G, column, topmark; 20.	
12636 <i>J 4875.4</i>	-Range, front.	23° 07.8' N 81° 18.6' W	<b>Q.W.</b>	9 <b>3</b>	10	White column, square base; 7.	
12640 <i>J 4875.41</i>	--Rear, 108 meters 152°36' from front.	23° 07.7' N 81° 18.6' W	<b>Iso.W.</b> period 6s	23 <b>7</b>	10	White column, square base; 20.	
12641 <i>J 4875.6</i>	Laguna de Paso Malo, No 3.	23° 07.8' N 81° 18.3' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	13 <b>4</b>	3	PORT (B) G, tower, topmark.	
12642 <i>J 4875.7</i>	-No 6.	23° 07.8' N 81° 18.1' W	<b>Fl.R.</b> period 6s fl. 0.5s, ec. 5.5s	13 <b>4</b>	3	STARBOARD (B) R, tower, topmark.	
12643 <i>J 4875.8</i>	-No 9.	23° 07.9' N 81° 17.7' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	13 <b>4</b>	3	PORT (B) G, tower, topmark.	
12644.5 <i>J 4875.9</i>	-No 11.	23° 07.9' N 81° 17.6' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	13 <b>4</b>	3	PORT (B) G, tower, topmark.	
12645 <i>J 4876.2</i>	-No 21.	23° 07.9' N 81° 16.7' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	13 <b>4</b>	3	PORT (B) G, tower, topmark.	
12646 <i>J 4876.3</i>	-No 22.	23° 07.8' N 81° 16.7' W	<b>Fl.R.</b> period 4s fl. 0.3s, ec. 3.7s	13 <b>4</b>	3	STARBOARD (B) R, tower, topmark.	
12647 <i>J 4877</i>	Canal Cueva de Muerto, No 26.	23° 07.9' N 81° 16.5' W	<b>Fl.R.</b> period 6s	20 <b>6</b>	3	STARBOARD (B) R, tower, topmark.	
12647.5 <i>J 4877.2</i>	-No 27.	23° 08.2' N 81° 16.1' W	<b>Fl.G.</b> period 5s	20 <b>6</b>	3	PORT (B) G, tower, topmark.	

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<b>CUBA</b>							
BAHIA DE CARDENAS:							
12648 <i>J 4879</i>	-Cayo Piedras, entrance to bay.	23° 14.6' N 81° 07.2' W	<b>Fl.W.</b> period 10s fl. 1.5s, ec. 8.5s	79 24	10	White round masonry tower; 62.	Reserve light range 8M.
12656 <i>J 4880</i>	Cayo Monito.	23° 13.8' N 81° 08.5' W	<b>Fl.(2)W.</b> period 10s	20 6	5	ISOLATED DANGER BRB, tower, topmark.	
12660 <i>J 4881</i>	-Cayo Diana, S. side.	23° 09.9' N 81° 06.2' W	<b>Fl.W.</b> period 8s	49 15	10	White framework tower; 39.	
12660.5 <i>J 4881.1</i>	-Hicacos.	23° 09.0' N 81° 07.7' W	<b>Fl.(2)W.</b> period 10s	52 16	4	ISOLATED DANGER BRB, tower, topmark.	
12661 <i>J 4881.3</i>	-No 2.	23° 10.8' N 81° 07.7' W	<b>Fl.R.</b> period 6s	13 4	3	STARBOARD (B) R, tower, topmark.	
12664 <i>J 4882</i>	-Channel Beacon 4A, Punta Gorda.	23° 10.0' N 81° 10.3' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, tower, topmark.	
12668 <i>J 4883</i>	--No 6A.	23° 09.9' N 81° 11.2' W	<b>Fl.R.</b> period 6s fl. 0.5s, ec. 5.5s	13 4	3	STARBOARD (B) R, tower, topmark.	
12668.1 <i>J 4883.7</i>	-Cupey No 1.	23° 06.8' N 81° 11.7' W	<b>Fl.Y.</b> period 7s	10 3	3	SPECIAL Y, tower, "X" topmark.	
12672 <i>J 4886</i>	Cayo Cruz del Padre.	23° 16.9' N 80° 53.9' W	<b>Fl.W.</b> period 7s fl. 1s, ec. 6s	82 25	12	White concrete tower, three balconies, square base; 59.	
12676 <i>J 4888</i>	<b>Cayo Bahia de Cadiz.</b>	23° 12.3' N 80° 28.9' W	<b>Fl.(3)W.</b> period 15s	177 54	21	White truncated pyramidal tower, black stripes; 161.	Reserve light range 7M.
SAGUA LA GRANDE:							
12684 <i>J 4894</i>	-Cayo Hicacal, on Punta de la Rancheria.	23° 04.3' N 80° 05.2' W	<b>Fl.W.</b> period 8s	36 11	7	White framework tower; 26.	
12688 <i>J 4896</i>	-Cayo del Cristo, on Punta de los Practicos.	23° 02.1' N 79° 59.4' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	50 15	10	White framework tower; 39.	
12689 <i>J 4896.6</i>	-Rio Sagua Entrance, E. side.	22° 56.8' N 80° 00.0' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	13 4	3	PORT (B) G, tower, topmark.	
12696 <i>J 4897.3</i>	-Boca de Jutias.	22° 58.0' N 79° 51.9' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	13 4	3	PORT (B) G, tower, topmark.	
12700 <i>J 4897.4</i>	-Canal de Cilindrin.	22° 56.4' N 79° 49.0' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	13 4	3	PORT (B) G, tower, topmark.	
12712 <i>J 4897.6</i>	-Cayo La Vela.	22° 56.7' N 79° 45.4' W	<b>Fl.W.</b> period 12s	39 12	10	White round metal tower; 30.	
12716 <i>J 4900</i>	-Cayo Fragoso, NW. end.	22° 48.5' N 79° 34.7' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	68 21	10	White framework tower; 59.	
12720 <i>J 4899</i>	-No 2.	22° 44.7' N 79° 36.9' W	<b>Fl.R.</b> period 6s fl. 0.5s, ec. 5.5s	13 4	3	STARBOARD (B) R, tower, topmark.	
12728 <i>J 4899.3</i>	-No 5.	22° 41.0' N 79° 35.0' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	13 4	3	PORT (B) G, tower, topmark.	

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<b>CUBA</b>							
12732 J 4899.5	-No 8.	22° 40.2' N 79° 34.2' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	13	4	3 STARBOARD (B) R, tower, topmark.	
12736 J 4902	Cayo Frances, W. end, at entrance to Caibarien.	22° 38.5' N 79° 13.8' W	Fl.W. period 10s fl. 1s, ec. 9s	33	10	9 White concrete tower; 30.	
12746 J 4904	-No 4.	22° 35.8' N 79° 17.3' W	Fl.R. period 4s	16	5	3 STARBOARD (B) R, tower, topmark.	
12748 J 4905	-No 6.	22° 34.5' N 79° 18.4' W	Fl.R. period 6s	16	5	3 STARBOARD (B) R, tower, topmark.	
12752 J 4906	-No 8.	22° 33.5' N 79° 22.8' W	Fl.R. period 4s	16	5	3 STARBOARD (B) R, tower, topmark.	
12756 J 4908	-Punta Brava, No 9.	22° 32.0' N 79° 26.8' W	Fl.G. period 5s	33	10	3 PORT (B) G, tower, topmark; 26.	
12758.2 J 4908.08	-Canal del Refugio, E. No 1.	22° 31.9' N 79° 27.5' W	Fl.G. period 5s	13	4	3 PORT (B) G, tower, topmark.	
12759 J 4909	Canal de las Piraguas.	22° 37.0' N 79° 13.2' W	Fl.R. period 4s	16	5	3 STARBOARD (B) R, tower, topmark.	
12772 J 4913	Bahia de Buenavista, No 6.	22° 27.3' N 78° 56.7' W	Fl.R. period 4s fl. 0.5s, ec. 3.5s	16	5	3 STARBOARD (B) R, tower, topmark.	
12776 J 4915	Cayo Borracho, W. end.	22° 38.9' N 79° 09.4' W	Fl.G. period 5s	33	10	3 PORT (B) G, tower, topmark.	
12780 J 4916	<b>Cayo Caiman Grande de Santa Maria.</b>	22° 41.1' N 78° 53.0' W	Fl.W. period 5s	158	48	28 White conical tower, red bands; 105.	Aeromarine light. Reserve light range 7M.
12784 J 4914	Paso Manuy, W. beacon.	22° 24.8' N 78° 41.4' W	Fl.R. period 6s fl. 0.3s, ec. 5.7s	13	4	3 STARBOARD (B) R, tower, topmark.	
12788 J 4917	Cayo Jaula.	22° 34.3' N 78° 30.9' W	Fl.W. period 10s fl. 1s, ec. 9s	68	21	10 White framework tower; 59.	
12792 J 4920	Boco De Manati.	22° 15.2' N 78° 29.8' W	Fl.G. period 5s	13	4	3 PORT (B) G, tower, topmark.	
12800 J 4918	<b>Cayo Paredon Grande.</b>	22° 29.0' N 78° 09.9' W	Fl.(3)W. period 15s	157	48	27 Black and yellow checkered truncated pyramidal tower; 135.	Aeromarine light. Reserve light range 7M.
12804 J 4922	Cayo Confites.	22° 11.3' N 77° 39.7' W	Fl.W. period 7.5s fl. 1s, ec. 6.5s	75	23	12 White metal framework tower; 66.	
12806 J 4923	-No 2.	22° 10.3' N 77° 39.2' W	Fl.R. period 6s	13	4	3 STARBOARD (B) R, tower, topmark.	
12806.5 J 4923.5	-No 3.	22° 10.2' N 77° 38.6' W	Fl.G. period 5s	13	4	3 PORT (B) G, tower, topmark.	
12807 J 4924	-Confites.	22° 08.8' N 77° 41.7' W	Fl.Y. period 7s	13	4	3 SPECIAL Y, tower, "X" topmark.	
BAHIA DE NUEVITAS:							
12808 J 4926	<b>-Punta Maternillos.</b>	21° 39.7' N 77° 08.4' W	Fl.W. period 15s	174	53	23 White conical masonry tower; 171.	Reserve light range 7M.
12812 J 4928	-Punta Practicos, E. side of entrance.	21° 36.1' N 77° 05.7' W	Fl.W. period 10s fl. 1s, ec. 9s	33	10	6 White concrete tower; 30.	

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<b>CUBA</b>							
12816 <i>J 4930</i>	-Entrance Range, front.	21° 35.5' N 77° 06.3' W	<b>Q.W.</b>		6 2	8 Wall, white diamond daymark, black border; 7.	
12820 <i>J 4930.1</i>	--Rear, 170 meters 185°36' from front.	21° 35.3' N 77° 06.4' W	<b>Iso.W.</b> period 3s		23 7	8 Wall, white diamond daymark, black border; 16.	
12824 <i>J 4931</i>	-Punta Salteadores Beacon No 3.	21° 35.8' N 77° 06.2' W	<b>Fl.G.</b> period 3s		13 4	3 PORT (B) G, column, topmark.	
12828 <i>J 4932</i>	-Pena Redonda Beacon 4.	21° 35.7' N 77° 06.4' W	<b>Fl.R.</b> period 4s		16 5	3 STARBOARD (B) R, column, topmark.	
12832 <i>J 4933</i>	-Playa Chuchu Range, front.	21° 35.6' N 77° 06.9' W	<b>Q.W.</b>		10 3	8 Wall, white diamond daymark, black border; 20.	
12836 <i>J 4933.1</i>	--Rear, 195 meters 000°54' from front.	21° 35.7' N 77° 06.9' W	<b>Iso.W.</b> period 3s		33 10	8 Concrete column, white diamond daymark, black border; 33.	
12840 <i>J 4934</i>	-Las Calabazas Range, front.	21° 33.9' N 77° 06.9' W	<b>Q.W.</b>		23 7	8 Wall, white diamond daymark, black border; 20.	
12844 <i>J 4934.1</i>	--Rear, 190 meters 180°54' from front.	21° 33.9' N 77° 06.9' W	<b>Iso.W.</b> period 3s		33 10	8 Wall, white diamond daymark, black border; 30.	
12848 <i>J 4936</i>	-Bajo del Medio Range, front.	21° 34.2' N 77° 08.3' W	<b>Q.W.</b>		20 6	8 Wall, white diamond daymark, black border; 13.	
12852 <i>J 4936.1</i>	--Rear, 265 meters 269°30' from front.	21° 34.2' N 77° 08.5' W	<b>Iso.W.</b> period 3s		33 10	8 Square column, white diamond daymark, black border; 30.	
12856 <i>J 4939</i>	-Cayo Cayita Range, common front.	21° 32.8' N 77° 08.1' W	<b>Q.W.</b>		16 5	8 Wall, white diamond daymark, black border; 13.	
12860 <i>J 4938.9</i>	--Rear, 290 meters 179°30' from common front.	21° 32.7' N 77° 08.1' W	<b>Iso.W.</b> period 3s		23 7	8 Square column, pile, white diamond daymark, black border; 23.	
12864 <i>J 4939.1</i>	--Rear, 225 meters 057°48' from common front.	21° 32.9' N 77° 07.9' W	<b>Iso.W.</b> period 3s		33 10	8 Square column, white diamond daymark, black border; 30.	
12872 <i>J 4942</i>	Bahia de Manati, Punta Roma.	21° 23.5' N 76° 48.9' W	<b>Fl.W.</b> period 12s		43 13	10 White conical tower; 33.	
12884 <i>J 4944</i>	Puerto Padre, Punta Masterlero.	21° 16.5' N 76° 32.4' W	<b>Fl.W.</b> period 8s fl. 1s, ec. 7s		50 15	10 White conical truncated tower; 33.	
12886 <i>J 4945</i>	-No 20.	21° 13.0' N 76° 34.4' W	<b>Fl.R.</b> period 6s		16 5	3 STARBOARD (B) R, tower, topmark.	
12892 <i>J 4946</i>	Punta Piedra del Mangle.	21° 15.1' N 76° 18.8' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s		76 23	10 White round fiberglass tower, red bands; 59.	
12894 <i>J 4948</i>	Punta Rasa.	21° 09.0' N 76° 07.8' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s		112 34	12 White round tower, red bands; 98.	
12896 <i>J 4950</i>	Puerto Gibara.	21° 06.6' N 76° 06.7' W	<b>Fl.G.</b> period 5s fl. 1s, ec. 4s		26 8	3 PORT (B) G, tower, topmark.	
12900 <i>J 4952</i>	Puerto de Vita.	21° 05.8' N 75° 57.6' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s		115 35	10 White round concrete tower; 102.	
12904 <i>J 4954</i>	Bahia Naranjo.	21° 06.8' N 75° 52.6' W	<b>Fl.W.</b> period 6s		59 18	6 White framework tower; 26.	
12908 <i>J 4956</i>	Bahia Sama.	21° 07.6' N 75° 46.0' W	<b>Fl.W.</b> period 8s		98 30	7 White framework tower; 30.	
12912 <i>J 4958</i>	<b>Cabo Lucrecia.</b>	21° 04.3' N 75° 37.3' W	<b>Fl.W.</b> period 5s		132 40	25 White round masonry tower, octagonal base; 121.	Aeromarine light. Reserve light range 7M.

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<b>CUBA</b>							
12916 <i>J 4960</i>	Bahia de Banes, on Caracolillo Beach, S. side of entrance.	20° 52.6' N 75° 39.7' W	<b>Fl.W.</b> period 8s fl. 1s, ec. 7s	43 13	7	White truncated conical tower;	33.
BAHIA DE NIPE:							
12920 <i>J 4962</i>	-Punta Mayari, E. side of entrance.	20° 47.4' N 75° 31.5' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	115 35	10	White framework tower;	102.
12924 <i>J 4964</i>	-Entrance Range, front.	20° 46.3' N 75° 32.8' W	<b>Q.W.</b>	25 8	5	Wall, orange diamond daymark;	7.
12928 <i>J 4964.1</i>	--Rear, 230 meters 201°36' from front.	20° 46.0' N 75° 33.0' W	<b>Fl.W.</b> period 4s fl. 1.1s, ec. 2.9s	90 27	8	Wall, orange diamond daymark;	7.
12940 <i>J 4964.6</i>	-Bajo La Estrella, No 9.	20° 47.5' N 75° 36.7' W	<b>Fl.G.</b> period 3s	16 5	3	PORT (B) G, beacon, topmark.	
12942 <i>J 4965</i>	-Bajo Salina Grande S. end, No 10.	20° 48.6' N 75° 41.8' W	<b>Fl.R.</b> period 6s	13 4	3	STARBOARD (B) R, beacon, topmark.	
-Antilla Channel:							
12944 <i>J 4966</i>	--Lengua Tierra No 11.	20° 48.7' N 75° 42.6' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, beacon, topmark.	
12945 <i>J 4967</i>	--Bajo Manati, S. end, No 12.	20° 49.0' N 75° 43.2' W	<b>Fl.R.</b> period 6s	13 4	3	STARBOARD (B) R, beacon, topmark.	
12945.2 <i>J 4968</i>	--Bajo Lengua de Tierra N. end No 13.	20° 48.9' N 75° 43.8' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, beacon, topmark.	
12946 <i>J 4969</i>	--Bajo Marabella, S. end, No 14.	20° 49.1' N 75° 43.8' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, beacon, topmark.	
12946.2 <i>J 4969.4</i>	--No 15.	20° 48.9' N 75° 44.8' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, beacon, topmark.	
12947 <i>J 4970</i>	--No 17.	20° 49.1' N 75° 45.2' W	<b>Fl.G.</b> period 3s	13 4	3	PORT (B) G, beacon, topmark.	
12947.2 <i>J 4971</i>	-Canal A beacon, No 1A.	20° 46.0' N 75° 34.7' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, beacon, topmark.	
12947.4 <i>J 4972</i>	--Bajo Planaca No 3A.	20° 44.7' N 75° 34.6' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, beacon, topmark.	
12948 <i>J 4975</i>	Punta Liberal.	20° 44.7' N 75° 28.9' W	<b>Fl.W.</b> period 10s	56 17	7	White fiberglass tower, red bands;	33.
12948.52 <i>J 4980.53</i>	-No 19.	20° 43.4' N 75° 29.8' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, beacon, topmark.	
12948.54 <i>J 4980.6</i>	-No 22.	20° 43.6' N 75° 30.4' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, beacon, topmark.	
12948.56 <i>J 4980.63</i>	-No 23.	20° 43.4' N 75° 30.7' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, beacon, topmark.	
12948.62 <i>J 4981</i>	-No 29.	20° 43.1' N 75° 32.2' W	<b>Fl.G.</b> period 3s	13 4	3	PORT (B) G, beacon, topmark.	
12948.64 <i>J 4981.2</i>	-No 32.	20° 43.2' N 75° 32.9' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, beacon, topmark.	
12948.7 <i>J 4984</i>	-Cayo Grande.	20° 43.1' N 75° 29.4' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, beacon, topmark.	

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<b>CUBA</b>							
BAHIA DE SAGUA DE TANAMO:							
12952 <i>J 4988</i>	-Punta Barlovento, E. point of entrance.	20° 43.2' N 75° 19.1' W	<b>Fl.W.</b> period 8s	43 13	10	White framework tower; 26.	
12956 <i>J 4990</i>	-Entrance Range, front.	20° 42.6' N 75° 19.5' W	<b>Q.W.</b>	22 7	5	Wall, orange diamond daymark; 7.	
12960 <i>J 4990.1</i>	--Rear, 210 meters 180° from front.	20° 42.5' N 75° 19.5' W	<b>Iso.W.</b> period 6s	43 13	10	Wall, orange diamond daymark; 7.	
12964 <i>J 4992</i>	-No 3, W. Point.	20° 42.6' N 75° 19.8' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	13 4	3	PORT (B) G, beacon, topmark.	
12968 <i>J 4993</i>	-No 5, Cayo Juanillo, W. side.	20° 42.3' N 75° 20.2' W	<b>Fl.G.</b> period 3s	13 4	3	PORT (B) G, beacon, topmark.	
12972 <i>J 4994</i>	-No 8, Cayo Alto, E. side.	20° 41.8' N 75° 20.1' W	<b>Fl.R.</b> period 6s fl. 0.4s, ec. 5.6s	13 4	3	STARBOARD (B) R, beacon, topmark.	
12976 <i>J 4995</i>	-No 11, Cayo Medio, W. side.	20° 41.1' N 75° 19.3' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	13 4	3	PORT (B) G, beacon, topmark.	
12978 <i>J 4996</i>	-No 12, Punta Gorda.	20° 41.0' N 75° 19.9' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, beacon, topmark.	
PUERTO CAYO MOA:							
12980 <i>J 5012</i>	-Cayo Moa Grande.	20° 41.7' N 74° 54.4' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	46 14	12	White framework tower; 39.	
12988 <i>J 5013</i>	-Punta La Fabrica Range, front.	20° 40.0' N 74° 53.0' W	<b>Q.W.</b>	39 12	8	White framework tower, piles, orange diamond daymark; 33.	
12992 <i>J 5013.1</i>	--Rear, 865 meters 209° from front.	20° 39.6' N 74° 53.2' W	<b>Iso.W.</b> period 6s	72 22	8	White concrete post, orange diamond daymark; 69.	
12996 <i>J 5015.5</i>	Punta Guarico.	20° 37.1' N 74° 43.9' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	37 11	7	White truncated conical tower; 33.	
13000 <i>J 5016</i>	Bahia de Baracoa, Punta Rama, SW. side.	20° 21.2' N 74° 29.9' W	<b>Fl.Y.</b> period 6s	72 22	3	White fiberglass tower on building; 7.	
13008 <i>J 5018</i>	<b>Punta Maisi.</b>	20° 14.5' N 74° 08.8' W	<b>Fl.W.</b> period 5s	121 37	27	White conical masonry tower, dwelling; 102.	Reserve light range 7M.
13012 <i>J 5020</i>	Punta Caleta.	20° 04.0' N 74° 17.8' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	149 45	10	White framework tower; 98.	
13016 <i>J 5021</i>	Bahia de Baitiquiri, N.	20° 01.5' N 74° 51.1' W	<b>Fl.W.</b> period 6s	30 9	8	White framework tower; 26.	
13017 <i>J 5022.5</i>	Puerto Escondido.	19° 54.3' N 75° 03.4' W	<b>Fl.W.</b> period 5s	66 20	6	White metal post.	
GUANTANAMO BAY:							
13020 <i>J 5024</i>	-Windward Point.	19° 53.7' N 75° 09.6' W	<b>Fl.W.</b> period 6s	377 115	9	Framework tower.	
13028 <i>J 5026.1</i>	-Hicacal Beach.	19° 56.7' N 75° 09.8' W	<b>Fl.W.</b> period 2.5s	40 12	7	Framework tower, black and white checkered diamond daymark.	

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<b>CUBA</b>							
13032 <i>J 5025</i>	-Leeward Point AVIATION LIGHT.	19° 54.6' N 75° 12.5' W	<b>Al.FI.W.G.</b>				
13033.4 <i>J 5029</i>	-No 5.	19° 54.7' N 75° 11.7' W	<b>Fl.G.</b> period 2.5s	16 5	3	Pile, green square daymark.	
13036 <i>J 5032</i>	-Fisherman Point.	19° 55.2' N 75° 09.7' W	<b>Fl.W.</b> period 4s	30 9	5	Framework tower, pyramidal base, black and white diamond daymark.	Marks Hicacal Range exit point. Various lights mark channel in cove S. of Deer Point. F.R. shown at each end of fuel berth N. of Deer Point.
13040 <i>J 5032.2</i>	-Corinaso Point.	19° 55.1' N 75° 09.3' W	<b>Fl.R.</b> period 6s	42 13	5	Framework tower, black and white checkered diamond daymark.	
13044 <i>J 5033</i>	-McCalla Hill.	19° 55.0' N 75° 09.6' W	<b>F.R.</b>	175 53			Private light.
13048 <i>J 5034</i>	-Radio Point, No 1.	19° 55.3' N 75° 09.0' W	<b>Fl.G.</b> period 4s fl. 0.4s, ec. 3.6s	15 5	5	Pile, green square daymark.	
13052 <i>J 5034.1</i>	--No 2.	19° 55.4' N 75° 08.9' W	<b>Q.R.</b>	14 4	3	Pile, red triangular daymark point up.	
13056 <i>J 5034.3</i>	--No 4.	19° 55.3' N 75° 08.8' W	<b>Fl.R.</b> period 4s fl. 0.4s, ec. 3.6s	11 3	3	Piles, red triangular daymark point up.	
13064 <i>J 5035</i>	-Deer Point, No 1.	19° 55.5' N 75° 08.8' W	<b>Fl.G.</b> period 4s fl. 0.4s, ec. 3.6s	10 3	4	Piles, green square daymark.	
13068 <i>J 5035.2</i>	--No 3.	19° 55.4' N 75° 08.8' W	<b>Q.G.</b>	12 4	3	Piles, green square daymark.	
13072 <i>J 5035.4</i>	--No 5.	19° 55.4' N 75° 08.7' W	<b>Fl.G.</b> period 4s fl. 0.4s, ec. 3.6s	14 4	5	Dolphin, green square daymark.	
13076 <i>J 5035.6</i>	-Junction DP.	19° 55.3' N 75° 08.7' W	<b>Fl.(2+1)R.</b> period 6s	13 4	3	PREFERRED CHANNEL (B) RGR, pile.	
13080 <i>J 5035.8</i>	-Evans Point No 8.	19° 55.3' N 75° 08.6' W	<b>Fl.R.</b> period 4s fl. 0.4s, ec. 3.6s	10 3	3	Pile, red triangular daymark point up.	
13082 <i>J 5035.9</i>	-Mud Island No 1.	19° 55.2' N 75° 08.7' W	<b>Fl.G.</b> period 6s	7 2	5	Pile, green square daymark.	
13084 <i>J 5036</i>	-Marine Site Two Channel No 1.	19° 55.9' N 75° 08.1' W	<b>Fl.G.</b> period 4s fl. 0.4s, ec. 3.6s	10 3	5	Dolphin, green square daymark.	
13088 <i>J 5036.3</i>	-Marine Boat Channel No 2, 457 meters S. of Caravela Point.	19° 55.9' N 75° 08.1' W	<b>Fl.R.</b> period 4s fl. 0.4s, ec. 3.6s	13 4	3	Pile, red triangular daymark point up.	
13092 <i>J 5039</i>	-Granadillo Point W., No 2.	19° 56.8' N 75° 07.5' W	<b>Fl.R.</b> period 4s fl. 0.4s, ec. 3.6s	13 4	3	Dolphin, red triangular daymark point up.	
13096 <i>J 5038</i>	-Granadillo Bay, Cayo Tomate CT.	19° 56.9' N 75° 07.9' W	<b>Fl.(2+1)R.</b> period 6s	14 4	5	PREFERRED CHANNEL (B) RGR, dolphin.	
13100 <i>J 5036.6</i>	-Hospital Cay, Watergate channel No 2.	19° 56.6' N 75° 08.8' W	<b>Q.R.</b>	13 4	4	Pile, red triangular daymark point up.	
13104 <i>J 5037</i>	--No 4.	19° 57.1' N 75° 08.7' W	<b>Fl.R.</b> period 4s	11 3	3	Pile, red triangular daymark point up.	
13108 <i>J 5041</i>	-Palma Point Shoal, No 5.	19° 57.8' N 75° 08.9' W	<b>Fl.G.</b> period 4s	14 4	5	Dolphin, green square daymark.	

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<b>CUBA</b>							
13110 <i>J 5043</i>	--Cayo Brook.	19° 59.2' N 75° 07.8' W	<b>Fl.(2+1)G.</b> period 10s	14 4	4	PREFERRED CHANNEL (B) GRG, beacon, topmark.	
13112 <i>J 5046</i>	<b>Morro de Cuba.</b>	19° 58.1' N 75° 52.1' W	<b>Fl.(2)W.</b> period 10s	269 82	27	White round concrete tower; 43.	Aeromarine light. Reserve light range 7M.
BAHIA DE SANTIAGO DE CUBA:							
13154 <i>J 5048</i>	<b>-Aserradero.</b>	19° 59.1' N 76° 10.4' W	<b>Fl.W.</b> period 19s	197 60	10	White framework tower, daymark; 66.	
13164 <i>J 5052</i>	Puerto Pilon Range, front.	19° 54.0' N 77° 17.3' W	<b>Q.W.</b>	16 5	5	Black framework tower, white diamond daymark, yellow border; 6.	
13168 <i>J 5052.1</i>	-Rear, on shore 1.5 km. 355°30' from front.	19° 54.8' N 77° 17.4' W	<b>Fl.W.</b> period 10s	26 8	10	White framework tower, white diamond daymark, yellow border; 23.	
13169 <i>J 5052.4</i>	-Bajo La Javla.	19° 54.0' N 77° 18.7' W	<b>Fl.R.</b> period 4s	16 5	3	STARBOARD (B) R, beacon, topmark.	
13170 <i>J 5052.8</i>	-Beacon No 11.	19° 54.0' N 77° 19.0' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, tower, topmark.	
13172 <i>J 5054</i>	<b>Cabo Cruz.</b>	19° 50.5' N 77° 43.8' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	112 34	22	Yellow conical masonry tower; 105.	Aeromarine light. Reserve light range 7M.
13176 <i>J 5055</i>	La Campana.	19° 50.1' N 77° 44.9' W	<b>Fl.R.</b> period 4s	16 5	3	STARBOARD (B) R, beacon, topmark.	
13177 <i>J 5055.3</i>	-No 2.	19° 50.3' N 77° 44.7' W	<b>Fl.R.</b> period 6s	10 3	3	STARBOARD (B) R, beacon, topmark.	
13178 <i>J 5055.35</i>	-No 3.	19° 50.4' N 77° 44.5' W	<b>Fl.G.</b> period 3s	10 3	3	PORT (B) G, beacon, topmark.	
GOLFO DE GUACANAYABO:							
-Banco de Beuna Esperanza:							
13178.2 <i>J 5056</i>	--SW. of Gran Banco.	20° 12.0' N 77° 47.0' W	<b>Fl.R.</b> period 4s	16 5	4	STARBOARD (B) R, beacon, topmark.	
13178.4 <i>J 5057</i>	--W.	20° 18.3' N 77° 48.3' W	<b>Fl.R.</b> period 6s	16 5	4	STARBOARD (B) R, beacon, topmark.	
-Banco de Buena:							
13179 <i>J 5059</i>	--Cayo Medano.	20° 20.4' N 77° 48.7' W	<b>Fl.Y.</b> period 7s	16 5	6	SPECIAL Y, beacon, "X" topmark.	
-Canal de Palomino:							
13180 <i>J 5060.4</i>	--No 9.	20° 10.1' N 77° 44.9' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	13 4	3	PORT (B) G, beacon, topmark.	
13184 <i>J 5061</i>	--No 10.	20° 09.3' N 77° 45.0' W	<b>Fl.R.</b> period 6s fl. 0.5s, ec. 5.5s	13 4	4	STARBOARD (B) R, beacon, topmark.	
13192 <i>J 5062</i>	--No 13.	20° 09.9' N 77° 39.8' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	13 4	4	PORT (B) G, beacon, topmark.	
13194 <i>J 5055.5</i>	-Bajo Orejon Grande.	20° 06.3' N 77° 40.7' W	<b>Fl.Y.</b> period 7s	16 5	6	SPECIAL Y, beacon, "X" topmark.	
13196 <i>J 5062.4</i>	-Banco Fustete Beacon.	20° 11.3' N 77° 35.6' W	<b>Fl.G.</b> period 3s	13 4	4	PORT (B) G, tower, topmark.	

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<b>CUBA</b>							
-Cayos Manzanillo:							
13204 <i>J 5063</i>	--Cayo Perla, on S. point, approach to Manzanillo.	20° 21.4' N 77° 14.6' W	<b>Fl.W.</b> period 9s	36 11	8	White metal framework tower, piles; 29.	
13208 <i>J 5066.3</i>	--Punta Socorro.	20° 20.9' N 77° 12.9' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	12 4	3	PORT (B) G, beacon, topmark.	
13212 <i>J 5064</i>	--Punta Caimanera.	20° 19.8' N 77° 09.3' W	<b>Fl.R.</b> period 4s fl. 0.5s, ec. 3.5s	13 4	4	STARBOARD (B) R, beacon, topmark.	
13216 <i>J 5066.6</i>	--Cayita.	20° 22.2' N 77° 08.7' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	12 4	4	PORT (B) G, beacon, topmark.	
13220 <i>J 5068</i>	--Bajo Cucharillas.	20° 31.6' N 77° 17.3' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, beacon, topmark.	
13222 <i>J 5068.6</i>	--Bajo Paticombito.	20° 34.2' N 77° 28.9' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, beacon, topmark.	
13224 <i>J 5068.8</i>	--Chinchorro Bank.	20° 32.8' N 77° 22.5' W	<b>Fl.R.</b> period 6s	13 4	4	STARBOARD (B) R, beacon, topmark.	
-Paso de Chinchorro:							
13228 <i>J 5069</i>	--Bajo de Santa Clara.	20° 31.7' N 77° 24.0' W	<b>Fl.G.</b> period 3s	13 4	4	PORT (B) G, beacon, topmark.	
13236 <i>J 5073.4</i>	--Banco Vibora.	20° 33.9' N 77° 41.5' W	<b>Fl.R.</b> period 6s	13 4	4	STARBOARD (B) R, beacon, topmark.	
13236.5 <i>J 5073.5</i>	--Santa Cruz.	20° 42.2' N 77° 59.0' W	<b>Fl.W.</b> period 7s	95 29	9	Red concrete hut, white base; 10.	
13237 <i>J 5073.6</i>	--No 2.	20° 41.7' N 77° 58.1' W	<b>Fl.R.</b> period 4s	16 5	4	STARBOARD (B) R, beacon, topmark.	
13237.5 <i>J 5073.65</i>	--Punta Bonita No 3.	20° 41.8' N 77° 58.6' W	<b>Fl.G.</b> period 5s	16 5	4	PORT (B) G, beacon, topmark.	
13238 <i>J 5073.7</i>	--No 4.	20° 41.9' N 77° 58.5' W	<b>Fl.R.</b> period 6s	16 5	4	STARBOARD (B) R, beacon, topmark.	
-Media Luna Channel:							
13240 <i>J 5073.2</i>	--Cayo Patricio.	20° 35.8' N 77° 49.6' W	<b>Fl.G.</b> period 5s	13 4	4	PORT (B) G, beacon, topmark.	
13242 <i>J 5072.2</i>	--Cayo Blanco.	20° 27.1' N 77° 58.9' W	<b>Fl.R.</b> period 4s	16 5	4	STARBOARD (B) R, beacon, topmark.	
13244 <i>J 5070</i>	--Cayo Culebra.	20° 33.7' N 77° 50.0' W	<b>Fl.R.</b> period 4s	16 5	3	STARBOARD (B) R, beacon, topmark.	
13248 <i>J 5071</i>	--Cayo Medio Luna.	20° 33.0' N 77° 53.5' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	13 4	4	PORT (B) G, beacon, topmark.	
13248.5 <i>J 5071.5</i>	--Medano de la Ceiba.	20° 24.1' N 77° 57.6' W	<b>Fl.G.</b> period 3s	16 5	4	PORT (B) G, beacon, topmark.	
13249 <i>J 5069.4</i>	--Cayo Alacran.	20° 39.4' N 77° 43.8' W	<b>Q.W.</b>	10 3	5	N. CARDINAL BY, beacon, topmark.	
13250 <i>J 5069.5</i>	--Cayo Bajo Bayameses.	20° 39.8' N 77° 49.6' W	<b>Fl.G.</b> period 3s	10 3	3	PORT (B) G, beacon, topmark.	
13251 <i>J 5069.6</i>	--Cayo Navio.	20° 40.9' N 77° 51.6' W	<b>Fl.G.</b> period 5s	10 3	3	PORT (B) G, beacon, topmark.	
13254 <i>J 5074.12</i>	--No 4.	20° 36.4' N 78° 06.2' W	<b>Fl.R.</b> period 4s	16 5	3	STARBOARD (B) R, column, topmark.	

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<b>CUBA</b>							
13255 <i>J 5074.22</i>	--No 5.	20° 35.9' N 78° 06.8' W	<b>Fl.G.</b> period 5s	13 4	3 4	PORT (B) G, tower, topmark.	
-Canal de Cuatro Reales:							
13264 <i>J 5072</i>	--Cayo Carapacho.	20° 26.9' N 78° 02.5' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	47 14	10	Aluminum framework tower; 30.	
13265 <i>J 5072.2</i>	--Cayo Blanco.	20° 27.1' N 77° 58.9' W	<b>Fl.R.</b> period 4s	16 5	4	STARBOARD (B) R, beacon, topmark.	
13272 <i>J 5072.4</i>	--No 5.	20° 28.5' N 77° 59.7' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	13 4	4	PORT (B) G, beacon, topmark.	
13276 <i>J 5072.6</i>	--No 8.	20° 28.7' N 77° 58.9' W	<b>Fl.R.</b> period 4s	13 4	4	STARBOARD (B) R, beacon, topmark.	
13280 <i>J 5072.8</i>	--No 9.	20° 29.2' N 77° 58.8' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	13 4	3	PORT (B) G, beacon, topmark.	
13284 <i>J 5076</i>	-Canal de Cabeza del Este, W. side of entrance, on Cabeza del Este Cay.	20° 31.0' N 78° 19.8' W	<b>Fl.W.</b> period 12s fl. 1s, ec. 11s	47 14	10	Aluminum framework tower; 39.	
-Canal de Pingue:							
13284.5 <i>J 5078</i>	--Cayo Orihuela No 4.	20° 45.1' N 78° 18.2' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, tower, topmark.	
13284.6 <i>J 5078.2</i>	---No 12.	20° 46.8' N 78° 18.9' W	<b>Fl.R.</b> period 6s	13 4	3	STARBOARD (B) R, tower, topmark.	
13286 <i>J 5078.7</i>	Medano de Manuel Gomez.	21° 01.4' N 78° 51.6' W	<b>Fl.R.</b> period 6s	16 5	3	STARBOARD (B) R, tower, topmark.	
13288 <i>J 5078.6</i>	Cayo Manuel Gomez, NW. extremity of reef.	21° 04.4' N 78° 50.6' W	<b>Fl.R.</b> period 4s	16 5	3	STARBOARD (B) R, tower, topmark.	
13292 <i>J 5078.8</i>	Cayo Santa Maria, SW. part of bank.	21° 11.1' N 78° 39.2' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	39 12	7	White fiberglass tower, red bands; 33.	
13296 <i>J 5079</i>	Punta Vertientes.	21° 24.5' N 78° 34.5' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	13 4	3	PORT (B) G, tower, topmark.	
13300 <i>J 5080</i>	No 1.	21° 25.6' N 78° 44.9' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, tower, topmark.	
13304 <i>J 5080.2</i>	No 3.	21° 26.5' N 78° 46.1' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	13 4	3	PORT (B) G, tower, topmark.	
CANAL BALANDRAS:							
13306 <i>J 5082.6</i>	-Medano de Balandras.	21° 26.0' N 78° 49.0' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, tower, topmark.	
13308 <i>J 5082.7</i>	-No 6.	21° 27.9' N 78° 47.0' W	<b>Fl.R.</b> period 6s	16 5	3	STARBOARD (B) R, tower, topmark.	
13312 <i>J 5083</i>	-Cayuelo Sabicu No 9.	21° 30.1' N 78° 50.0' W	<b>Fl.G.</b> period 5s	16 5	3	PORT (B) G, tower, topmark.	
13314 <i>J 5083.2</i>	Cabezo del Flamenco.	21° 24.8' N 78° 53.3' W	<b>Fl.R.</b> period 6s	10 3	3	STARBOARD (B) R, tower, topmark.	
13316 <i>J 5081.8</i>	Pasa Ana Maria, S. side.	21° 30.8' N 78° 46.4' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, tower, topmark.	

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<b>CUBA</b>							
FUERA CHANNEL:							
13328 <i>J 5081.6</i>	-Boca Grande Inlet, E. side of entrance.	21° 33.2' N 78° 40.4' W	<b>Fl.G.</b> period 5s	16	3 5	PORT (B) G, tower, topmark.	
13332 <i>J 5082</i>	Cayo Encantado.	21° 33.6' N 78° 49.7' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	12	3 4	PORT (B) G, tower, topmark.	
13334 <i>J 5083.3</i>	Cayo Obispito.	21° 31.7' N 78° 53.0' W	<b>Fl.G.</b> period 5s	13	3 4	PORT (B) G, tower, topmark.	
13336 <i>J 5082.4</i>	Jucaro, W. side of channel.	21° 36.7' N 78° 51.2' W	<b>Fl.G.</b> period 5s	16	3 5	PORT (B) G, tower, topmark.	
13336.5 <i>J 5082.45</i>	-Muelle de Mambisas.	21° 36.9' N 78° 51.2' W	<b>Fl.R.</b> period 4s	13	3 4	STARBOARD (B) R, tower, topmark.	
13338 <i>J 5083.7</i>	Tomeguin, N. end of shoal.	21° 19.1' N 79° 13.0' W	<b>Fl.R.</b> period 6s	13	3 4	STARBOARD (B) R, tower, topmark.	
13340 <i>J 5077</i>	Cayo Cachiboca.	20° 40.9' N 78° 44.9' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	111	34	Aluminum framework tower, piles; 98.	
13344 <i>J 5084</i>	Cayo Breton, on W. side.	21° 07.3' N 79° 26.9' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	108	12 33	White framework tower; 98.	
CANAL DE BRETON:							
13356 <i>J 5084.5</i>	-La Vela.	21° 13.4' N 79° 33.4' W	<b>Fl.R.</b> period 4s fl. 0.5s, ec. 3.5s	16	3 5	STARBOARD (B) R, tower, topmark.	
13358 <i>J 5084.6</i>	-Beacon No 6.	21° 13.8' N 79° 26.1' W	<b>Fl.R.</b> period 4s	13	3 4	STARBOARD (B) R, tower, topmark.	
13359 <i>J 5084.65</i>	-Beacon No 8.	21° 24.2' N 79° 22.1' W	<b>Fl.R.</b> period 4s	10	3 3	STARBOARD (B) R, tower, topmark.	
13359.5 <i>J 5084.7</i>	Bajo Las Charcas.	21° 27.5' N 79° 04.4' W	<b>Fl.G.</b> period 5s	10	3 3	PORT (B) G, tower, topmark.	
ENSENADA DE LAS TUNAS:							
13364 <i>J 5084.8</i>	-Cayo Blanco de Zaza.	21° 35.9' N 79° 35.9' W	<b>Fl.W.</b> period 12s	48	8 15	White framework tower; 39.	
PUERTO DE CASILDA:							
13380 <i>J 5090</i>	-Cayo Blanco de Casilda.	21° 38.3' N 79° 53.0' W	<b>Fl.W.</b> period 7s fl. 1s, ec. 6s	46	10 14	White framework tower; 39.	
13382 <i>J 5090.05</i>	--NE.	21° 39.1' N 79° 52.5' W	<b>Fl.G.</b> period 3s	13	3 4	PORT (B) G, tower, topmark.	
13383 <i>J 5090.09</i>	-Banco Cascajal.	21° 39.1' N 79° 52.0' W	<b>Fl.R.</b> period 6s	13	4 4	STARBOARD (B) R, tower, topmark.	
13388 <i>J 5090.2</i>	-Bajo Los Guairos, No 3.	21° 40.3' N 79° 53.3' W	<b>Fl.G.</b> period 5s	13	3 4	PORT (B) G, pole, topmark.	
13392 <i>J 5090.25</i>	-Bajo Jobabos, No 4.	21° 40.5' N 79° 53.2' W	<b>Fl.R.</b> period 4s	13	3 4	STARBOARD (B) R, pole, topmark.	
13396 <i>J 5090.3</i>	-Canal de Los Guairos, No 5.	21° 40.7' N 79° 53.8' W	<b>Fl.G.</b> period 3s	16	3 5	PORT (B) G, tower, topmark.	

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<b>CUBA</b>							
13398 <i>J 5090.35</i>	-No 7.	21° 40.8' N 79° 53.9' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, tower, topmark.	
13400 <i>J 5090.4</i>	-No 9.	21° 40.7' N 79° 54.0' W	<b>Fl.G.</b> period 3s	16 5	3	PORT (B) G, tower, topmark.	
13404 <i>J 5090.45</i>	-No 11.	21° 40.6' N 79° 54.1' W	<b>Fl.G.</b> period 5s	16 5	3	PORT (B) G, pole, topmark.	
13406 <i>J 5090.5</i>	-No 12.	21° 40.7' N 79° 54.2' W	<b>Fl.R.</b> period 6s	13 4	3	STARBOARD (B) R, tower, topmark.	
13420 <i>J 5090.55</i>	--Banco Derribada.	21° 42.1' N 79° 57.9' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, tower, topmark.	
13424 <i>J 5090.6</i>	Bano del Gueyo, No 14.	21° 42.3' N 79° 56.6' W	<b>Fl.R.</b> period 6s	16 5	3	STARBOARD (B) R, tower, topmark.	
13428 <i>J 5091</i>	Bano del Medio, No 17.	21° 43.6' N 79° 57.7' W	<b>Fl.G.</b> period 3s	13 4	3	PORT (B) G, tower, topmark.	
13432 <i>J 5091.2</i>	Punta Casilda, No 21.	21° 43.8' N 79° 58.2' W	<b>Fl.G.</b> period 3s	13 4	3	PORT (B) G, tower, topmark.	
13436 <i>J 5091.5</i>	Punta Lastre, No 25.	21° 44.4' N 79° 59.2' W	<b>Fl.G.</b> period 3s	13 4	3	PORT (B) G, tower, topmark.	
13440 <i>J 5092</i>	-Cayo Raton, No 26.	21° 44.4' N 79° 59.1' W	<b>Fl.R.</b> period 4s	16 5	3	STARBOARD (B) R, tower, topmark.	
13444 <i>J 5092.2</i>	-No 28.	21° 44.5' N 79° 59.2' W	<b>Fl.R.</b> period 6s	16 5	3	STARBOARD (B) R, pole, topmark.	
13448 <i>J 5092.3</i>	-No 31.	21° 45.0' N 79° 59.5' W	<b>Fl.G.</b> period 3s	13 4	3	PORT (B) G, tower, topmark.	
13452 <i>J 5092.4</i>	-No 32.	21° 45.0' N 79° 59.4' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, tower, topmark.	
13456 <i>J 5092.6</i>	-No 37.	21° 45.1' N 79° 59.6' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, pole, topmark.	
13460 <i>J 5092.8</i>	Ancon.	21° 44.6' N 80° 01.3' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	59 18	13	White pedestal, building; 7.	Reserve light range 7M.
13464 <i>J 5093</i>	<b>Rio Yaguanabo.</b>	21° 51.5' N 80° 12.5' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	190 58	15	White round concrete tower; 112.	Reserve light range 7M.
CIENFUEGOS:							
13468 <i>J 5094</i>	<b>-Punta de los Colorados.</b>	22° 02.0' N 80° 26.6' W	<b>Fl.W.</b> period 5s	82 25	23	White conical masonry tower; 66.	Reserve light range 7M.
13470 <i>J 5097.5</i>	-Cayo Alcatraz.	22° 04.3' N 80° 26.6' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, pole, topmark.	
13472 <i>J 5097</i>	-Range No 1, front.	22° 03.5' N 80° 27.5' W	<b>F.R.</b>		5	White concrete wall, orange diamond daymark; 16.	
13476 <i>J 5097.1</i>	--Rear, 220 meters 350°12' from front.	22° 03.7' N 80° 27.5' W	<b>F.R.</b>		5	White concrete wall, orange diamond daymark; 33.	
13480 <i>J 5097.2</i>	-Range No 2, front.	22° 03.8' N 80° 27.8' W	<b>Fl.W.</b> period 1.5s	13 4	7	White concrete wall, orange diamond daymark; 13.	
13484 <i>J 5097.21</i>	--Rear, 60 meters 322°48' from front.	22° 03.8' N 80° 27.9' W	<b>Fl.W.</b> period 1.5s	13 4	7	White concrete wall, orange diamond daymark; 13.	
13488 <i>J 5095</i>	-Juragua, No 5.	22° 03.7' N 80° 27.8' W	<b>Fl.G.</b> period 3s	23 7	3	PORT (B) G, column, topmark.	

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<b>CUBA</b>							
13492 <i>J 5096</i>	-Pasa Caballos.	22° 03.7' N 80° 27.7' W	<b>Fl.R.</b> period 4s	33 10	5	Framework tower, red triangular daymark point up; 26.	
13496 <i>J 5097.3</i>	-Range No 3, front.	22° 03.6' N 80° 27.8' W	<b>F.W.</b>		5	White concrete wall, orange diamond daymark; 10.	
13500 <i>J 5097.31</i>	--Rear, 50 meters 204°54' from front.	22° 03.6' N 80° 27.8' W	<b>F.W.</b>		5	White concrete wall, orange diamond daymark; 13.	
13508 <i>J 5097.4</i>	-Range No 4, on Cayo Carenas, front.	22° 05.1' N 80° 27.5' W	<b>Fl.W.</b> period 1.5s	13 4	7	White concrete wall, orange diamond daymark; 10.	
13512 <i>J 5097.41</i>	--Rear, 60 meters 358°30' from front.	22° 05.2' N 80° 27.5' W	<b>Fl.W.</b> period 1.5s	13 4	7	White concrete wall, orange diamond daymark; 13.	
13518 <i>J 5099</i>	-Ensenada de Cotica, No. 5B.	22° 09.4' N 80° 27.9' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, tower, topmark.	
13518.2 <i>J 5099.2</i>	--No 6B.	22° 09.3' N 80° 27.7' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, tower, topmark.	
13518.4 <i>J 5099.4</i>	--No 7B.	22° 09.3' N 80° 27.4' W	<b>Fl.G.</b> period 3s	13 4	3	PORT (B) G, tower, topmark.	
13518.6 <i>J 5099.6</i>	--No 8B.	22° 09.2' N 80° 27.4' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, tower, topmark.	
13524 <i>J 5104</i>	Cayo Piedras.	21° 58.2' N 81° 07.3' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	49 15	10	White metal framework tower; 46.	
13532 <i>J 5104.2</i>	-Reef, SW. side.	21° 57.9' N 81° 08.9' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, tower, topmark.	
13536 <i>J 5102</i>	<b>Cayo Guano del Este.</b>	21° 39.8' N 81° 02.4' W	<b>Fl.(2)W.</b> period 15s	177 54	19	White round concrete tower, red bands; 148.	Aeromarine light. Reserve light range 7M.
13540 <i>J 5105</i>	No 1.	22° 13.5' N 81° 08.8' W	<b>Fl.G.</b> period 3s	23 7	3	PORT (B) G, pillar, topmark.	
13544 <i>J 5106</i>	No 2.	22° 12.6' N 81° 08.4' W	<b>Fl.R.</b> period 4s	26 8	6	STARBOARD (B) R, tower, topmark; 26.	
13544.1 <i>J 5106.2</i>	-No 1.	22° 12.6' N 81° 08.4' W	<b>Fl.G.</b> period 3s	13 4	3	PORT (B) G, tower, topmark.	
13545 <i>J 5106.5</i>	-Cabeta de Buenaventura, No 2.	22° 16.7' N 81° 12.5' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, tower, topmark.	
13546 <i>J 5106.6</i>	--No 5.	22° 16.9' N 81° 12.6' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, tower, topmark.	
13547 <i>J 5106.65</i>	--No 6.	22° 16.9' N 81° 12.6' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, tower, topmark.	
13548 <i>J 5107</i>	Cayo Sigua.	21° 53.6' N 81° 24.9' W	<b>Fl.W.</b> period 7s	30 9	7	White framework tower; 23.	
13552 <i>J 5108</i>	Pasa de Diego Perez, on reef at entrance.	22° 01.4' N 81° 30.9' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	39 12	7	White framework tower, piles; 33.	
13556 <i>J 5114</i>	Cabezo del Vapor.	22° 01.5' N 81° 36.5' W	<b>Fl.G.</b> period 5s fl. 0.4s, ec. 4.6s	13 4	3	PORT (B) G, tower, topmark.	
13560 <i>J 5116</i>	Cabezo del Carbonero.	22° 05.9' N 81° 46.0' W	<b>Fl.G.</b> period 3s	13 4	3	PORT (B) G, tower, topmark.	
13566 <i>J 5120</i>	Restinga Prieta.	22° 15.8' N 81° 58.6' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, tower, topmark.	
13568 <i>J 5128</i>	Cayos Ballenatos (Los Ballenatos).	21° 34.9' N 81° 38.2' W	<b>Fl.W.</b> period 10s	30 9	11	White framework tower; 26.	

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<b>CUBA</b>							
13569 <i>J 5121</i>	-No 25.	22° 03.8' N 81° 59.6' W	<b>Fl.G.</b> period 5s	13 4	3 4	PORT (B) G, tower, topmark.	
13570 <i>J 5121.5</i>	-No 28.	22° 08.5' N 82° 05.4' W	<b>Fl.R.</b> period 6s	13 4	3 4	STARBOARD (B) R, tower, topmark.	
13571 <i>J 5122</i>	Bajo Las Gordas, off S.W. side.	22° 13.1' N 82° 08.7' W	<b>Fl.R.</b> period 6s	13 4	3 4	STARBOARD (B) R, tower, topmark.	
13571.1 <i>J 5122.5</i>	Cayo Amber, off SE. side.	22° 19.1' N 82° 09.6' W	<b>Fl.G.</b> period 5s	13 4	3 4	PORT (B) G, tower, topmark.	
13571.2 <i>J 5123</i>	Punta Gorda.	22° 23.8' N 82° 09.5' W	<b>Fl.R.</b> period 4s	13 4	3 4	STARBOARD (B) R, tower, topmark.	
13572 <i>J 5130</i>	Cayo Largo.	21° 38.6' N 81° 33.8' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	43 13	10	White octagonal concrete tower; 23.	
13573 <i>J 5128.1</i>	-No 1.	21° 36.2' N 81° 34.9' W	<b>Fl.G.</b> period 5s	10 3	2	PORT (B) G, tower, topmark.	
13573.1 <i>J 5128.2</i>	-No 2.	21° 36.2' N 81° 34.9' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, tower, topmark.	
13573.2 <i>J 5128.3</i>	-No 3.	21° 36.4' N 81° 35.1' W	<b>Fl.G.</b> period 7s	13 4	3	PORT (B) G, tower, topmark.	
13573.3 <i>J 5128.4</i>	-No 6.	21° 36.5' N 81° 35.1' W	<b>Fl.R.</b> period 6s	13 4	3	STARBOARD (B) R, tower, topmark.	
13573.4 <i>J 5128.5</i>	-No 7.	21° 36.7' N 81° 35.1' W	<b>Fl.G.</b> period 3s	13 4	3	PORT (B) G, tower, topmark.	
13573.5 <i>J 5128.6</i>	-No 10.	21° 36.8' N 81° 34.9' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, tower, topmark.	
13573.6 <i>J 5128.7</i>	-No 11.	21° 37.5' N 81° 33.8' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, tower, topmark.	
13573.7 <i>J 5128.8</i>	-No 14.	21° 37.1' N 81° 34.6' W	<b>Fl.R.</b> period 6s	13 4	3	STARBOARD (B) R, tower, topmark.	
13573.8 <i>J 5128.9</i>	-No 15.	21° 37.2' N 81° 34.5' W	<b>Fl.G.</b> period 3s	13 4	3	PORT (B) G, tower, topmark.	
13574 <i>J 5130.5</i>	-No 6.	21° 37.2' N 81° 34.3' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, tower, topmark.	
13575 <i>J 5130.6</i>	-No 11.	21° 37.5' N 81° 34.2' W	<b>Fl.G.</b> period 3s	13 4	3	PORT (B) G, tower, topmark.	
13575.5 <i>J 5129</i>	Playa Sirena.	21° 36.2' N 81° 34.1' W	<b>Fl.(2)W.</b> period 10s	13 4	3	ISOLATED DANGER BRB, tower, topmark.	
13575.7 <i>J 5125.05</i>	No 20.	21° 38.8' N 81° 48.5' W	<b>Fl.R.</b> period 4s	10 3	2	STARBOARD (B) R, tower, topmark.	
13576 <i>J 5136</i>	Cayo Avalos, S. head.	21° 32.6' N 82° 09.9' W	<b>Fl.W.</b> period 8s fl. 1s, ec. 7s	30 9	7	White framework tower; 26.	
13580 <i>J 5138</i>	<b>Caleta de Carapachibey.</b>	21° 27.0' N 82° 55.4' W	<b>Fl.W.</b> period 7.5s fl. 1s, ec. 6.5s	184 56	17	White round concrete tower, yellow band; 171.	Reserve light range 10M.
<b>GOLFO DE BATABANO:</b>							
13596 <i>J 5157</i>	-Cayo Hambre.	22° 10.4' N 82° 51.4' W	<b>Fl.G.</b> period 5s	13 4	3	PORT (B) G, tower, topmark.	
13600 <i>J 5148</i>	-Punta de los Barcos.	21° 56.4' N 82° 59.7' W	<b>Fl.R.</b> period 4s fl. 0.5s, ec. 3.5s	13 4	3	STARBOARD (B) R, tower, topmark.	

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<b>CUBA</b>							
13604 J 5146	-Punta Buenavista.	21° 47.0' N 83° 05.8' W	<b>Fl.R.</b> period 6s	13	3 4	STARBOARD (B) R, tower, topmark.	
13608 J 5145	-Arsena de Siguanea, W. entrance, No 1.	21° 37.1' N 82° 59.1' W	<b>Fl.G.</b> period 5s	13	3 4	PORT (B) G, tower, topmark.	
13612 J 5145.2	--No 2.	21° 37.0' N 82° 59.1' W	<b>Fl.R.</b> period 6s	16	3 5	STARBOARD (B) R, tower, topmark.	
13616 J 5144	-Cayos Los Indios.	21° 43.2' N 83° 10.0' W	<b>Fl.G.</b> period 5s	13	3 4	PORT (B) G, tower, topmark.	
13618 J 5190	-Rio Las Casas. E. side. No 9.	21° 54.8' N 82° 48.1' W	<b>Fl.G.</b> period 5s	10	3 3	PORT (B) G, tower, topmark.	
13619 J 5191	--W. side, No 10.	21° 54.8' N 82° 48.1' W	<b>Fl.R.</b> period 4s	13	3 4	STARBOARD (B) R, tower, topmark.	
13622 J 5143	-Los Coyuelos.	21° 38.4' N 83° 11.2' W	<b>Q.W.</b>	13	3 4	N. CARDINAL BY, tower, topmark.	
13623 J 5192	-No 1.	21° 59.5' N 82° 43.4' W	<b>Fl.G.</b> period 3s	13	3 4	PORT (B) G, tower, topmark.	
13628 J 5192.6	-No 13.	22° 00.0' N 82° 42.8' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	13	3 4	PORT (B) G, tower, topmark.	
13630 J 5193.5	-Pasa La Manteca.	22° 00.7' N 82° 42.8' W	<b>Fl.W.</b> period 8s	39	14 12	White metal framework tower; 34.	
13632 J 5192.8	-No 14.	22° 00.2' N 82° 42.7' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	13	3 4	STARBOARD (B) R, tower, topmark.	
13634 J 5193	-No 21.	22° 01.4' N 82° 42.2' W	<b>Fl.G.</b> period 3s	13	3 4	PORT (B) G, tower, topmark.	
13635 J 5193.2	-No 22.	22° 01.3' N 82° 42.4' W	<b>Fl.R.</b> period 4s	13	3 4	STARBOARD (B) R, tower, topmark.	
13636 J 5194	--Beacon No 2.	21° 55.8' N 82° 39.3' W	<b>Fl.R.</b> period 4s	13	3 4	STARBOARD (B) R, tower, topmark.	
13638 J 5197	--Beacon No 29.	21° 56.1' N 82° 37.5' W	<b>Fl.G.</b> period 3s	13	3 4	PORT (B) G, tower, topmark.	
13644 J 5200	-Canal del Ingles, NE. of Pasa de Quitasol.	21° 57.3' N 82° 36.4' W	<b>Fl.G.</b> period 5s	13	3 4	PORT (B) G, tower, topmark.	
13647 J 5166	-Surgidero de Batabano.	22° 41.2' N 82° 17.9' W	<b>Fl.W.</b> period 10s	101	7 31	White pedestal, water tank; 7.	
13647.1 J 5167	-Cometa.	22° 40.5' N 82° 17.4' W	<b>Fl.R.</b> period 4s	13	3 4	STARBOARD (B) R, pedestal, topmark.	
-Isla de Pinos:							
13648 J 5168	--Refuge Canal, E. breakwater.	22° 40.6' N 82° 17.9' W	<b>Fl.R.</b> period 6s fl. 0.5s, ec. 5.5s	13	3 4	STARBOARD (B) R, tower, topmark.	
13649 J 5169	--W. side.	22° 40.8' N 82° 17.9' W	<b>Fl.G.</b> period 5s	13	3 4	PORT (B) G, tower, topmark.	
13652 J 5161	-Sur Bajo La Gata.	22° 21.2' N 82° 25.7' W	<b>Fl.G.</b> period 5s	13	2 4	PORT (B) G, tower, topmark.	
13656 J 5160	-Cayo Monterrey.	22° 20.0' N 82° 20.1' W	<b>Fl.W.</b> period 10s	36	14 11	White metal framework tower, piles; 43.	
13660 J 5162	-Cayo Cruz.	22° 28.2' N 82° 16.8' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	13	4 4	PORT (B) G, tower, topmark; 26.	

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<b>CUBA</b>							
13664 <i>J 5164</i>	-Buenavista.	22° 30.0' N 82° 21.3' W	<b>Fl.R.</b> period 6s	13 4	3	STARBOARD (B) R, tower, topmark.	
13672 <i>J 5174</i>	-Cayo Carabela.	22° 29.2' N 82° 28.8' W	<b>Fl.G.</b> period 3s	13 4	3	PORT (B) G, tower, topmark.	
13676 <i>J 5176</i>	-Boqueron del Hacha.	22° 29.4' N 82° 27.8' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, tower, topmark.	
ESENADA DE COLOMA:							
13678 <i>J 5202</i>	-La Coloma.	22° 14.3' N 83° 34.4' W	<b>Fl.W.</b> period 15s	98 30	12	Green tower, metal tank; 13.	
13680 <i>J 5203</i>	-Santo Domingo, approach beacon.	22° 09.6' N 83° 36.5' W	<b>L.Fl.W.</b> period 10s	19 6	4	SAFE WATER RW, tower, topmark.	
13684 <i>J 5203.4</i>	-No 1, W. side.	22° 12.1' N 83° 35.7' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	13 4	3	PORT (B) G, tower, topmark.	
13688 <i>J 5204</i>	-No 4, E. side.	22° 12.4' N 83° 35.3' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, tower, topmark.	
13692 <i>J 5204.4</i>	-No 5, W. side.	22° 13.0' N 83° 34.9' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	13 4	3	PORT (B) G, tower, topmark.	
13696 <i>J 5204.6</i>	-No 8, E. side.	22° 13.5' N 83° 34.6' W	<b>Fl.R.</b> period 4s	13 4	3	STARBOARD (B) R, post, topmark.	
13700 <i>J 5204.8</i>	-No 10, E. side.	22° 14.1' N 83° 34.2' W	<b>Fl.R.</b> period 6s fl. 0.5s, ec. 5.5s	13 4	3	STARBOARD (B) R, tower, topmark.	
13708 <i>J 5210</i>	Cabo Frances.	21° 54.5' N 84° 02.2' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	30 9	10	White framework tower; 26.	
13712 <i>J 4819</i>	Cabo Corrientes.	21° 45.7' N 84° 31.0' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	88 27	10	White framework tower; 72.	

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# Section 9

## Caribbean Islands

Including Cayman Islands, Jamaica, Hispaniola, Puerto Rico, and Lesser Antilles

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CAYMAN ISLANDS</b>							
13716 J 5232	Grand Cayman.	19° 17.8' N 81° 23.0' W	<b>Q.R.</b>	43 13	6	Black metal tower, white base.	
13720 J 5222	<b>-Boatswain Point.</b>	19° 23.1' N 81° 24.5' W	<b>Fl.W.</b> period 15s fl. 1.8s, ec. 13.2s	90 27	15	White metal tower, black base; 20.	Visible 316°-257°, partially obscured 241°-257°.
13724 J 5226	-Gorling Bluff at SE. end of island.	19° 18.1' N 81° 06.1' W	<b>Fl.(2)W.</b> period 20s 2 fl. 1.2s, ec. 18.8s	72 22	12	White metal tower, black base; 26.	
13728 J 5231	<b>-Georgetown AVIATION LIGHT.</b>	19° 17.5' N 81° 21.4' W	<b>Al.FI.W.G.</b>	39 12	20		
13733 J 5233	-Hog Sty Bay Range, front.	19° 17.7' N 81° 23.1' W	<b>F.G.</b>	13 4		White metal mast; 7.	
13734 J 5233.1	--Rear, 100 meters 090° from front.	19° 17.7' N 81° 23.0' W	<b>F.G.</b>	33 10	3	White metal mast; 30.	
13736 J 5236	Little Cayman, W. End Point.	19° 39.5' N 80° 06.5' W	<b>Fl.W.</b> period 5s fl. 0.6s, ec. 4.4s	30 9	10	White metal tower, black base; 20.	
13740 J 5237	-E. Point.	19° 42.4' N 79° 57.7' W	<b>Fl.(2)W.</b> period 15s	36 11	10	White tower, base.	
13744 J 5238	<b>Cayman Brac.</b>	19° 41.0' N 79° 53.2' W	<b>Fl.(2)W.</b> period 15s	41 12	15	White mast.	<i>Reported extinguished (1993).</i>
13748 J 5240	-NE. point.	19° 45.1' N 79° 43.4' W	<b>Fl.W.</b> period 20s	150 46	12	White metal tower, black base; 20.	
<b>JAMAICA</b>							
MONTEGO BAY:							
13756 J 5250	-Lower Range, front.	18° 28.2' N 77° 55.5' W	<b>F.R.</b>	22 7	5	Mast, red triangular daymark point up; 16.	Visible 108°-128°.
13760 J 5250.1	--Rear, 465 meters 118°37' from front.	18° 28.1' N 77° 55.3' W	<b>F.R.</b>	57 17	5	Mast, white triangular daymark point down; 52.	Visible 108°-128°.
13764 J 5250.4	-Upper Range, front.	18° 28.7' N 77° 55.6' W	<b>F.R.</b>	44 13	5	Red round metal tower, white fort, red round daymark; 13.	Visible 026°-046°. Stopping lights.
13768 J 5250.41	--Rear, 104 meters 035°13' from front.	18° 28.7' N 77° 55.5' W	<b>F.R.</b>	113 34	5	Red round metal tower, red round daymark; 16.	Visible 026°-046°.
13770 J 5251	-Entrance channel Range, front.	18° 27.6' N 77° 56.3' W	<b>Oc.R.</b> period 2s lt. 1.5s, ec. 0.5s	26 8		Post, white triangular daymark point up.	
13771 J 5251.1	--Rear, 300 meters 200°48' from front.	18° 27.5' N 77° 56.3' W	<b>Oc.R.</b> period 3s lt. 2s, ec. 1s	43 13		Post, white triangular daymark point down.	
13772 J 5249	-AVIATION LIGHT.	18° 29.9' N 77° 55.1' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	59 18	10	Control tower.	
13773 J 5249.5	-Sangster International Airport.	18° 30.0' N 77° 54.7' W	<b>Al.FI.W.G.</b> period 5s	141 43		Air traffic control tower.	
13775 J 5252.4	--No 4.	18° 27.8' N 77° 56.4' W	<b>Fl.R.</b> period 5s	16 5		Red pile.	

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<b>JAMAICA</b>							
13775.5 <i>J 5252</i>	--No 6.	18° 27.8' N 77° 56.1' W	<b>F.G.</b>		20 6	Green metal column; 20.	
13776 <i>J 5253</i>	<b>Rose Hall.</b>	18° 31.3' N 77° 48.7' W	<b>Fl.(5)W.</b> period 30s		106 32	Metal framework tower.	
FALMOUTH HARBOR							
13778 <i>J 5255</i>	-Cruise Terminal Range, front.	18° 29.7' N 77° 38.8' W	<b>Iso.W.</b> period 6s		20 6	6 Beacon, orange rectangular daymark, white stripe.	
13778.1 <i>J 5255.1</i>	--Rear, 221°15' from front.	18° 29.7' N 77° 38.9' W	<b>Iso.W.</b> period 6s		30 9	6 Beacon, orange rectangular daymark, white stripe.	
13782.2 <i>J 5254.1</i>	-Beacon.	18° 29.9' N 77° 38.8' W	<b>Fl.R.</b> period 3s			4 Red beacon.	
13782.4 <i>J 5254.2</i>	-Beacon.	18° 29.8' N 77° 38.8' W	<b>Q.R.</b>			3 Red beacon.	
13782.6 <i>J 5254.3</i>	-Beacon.	18° 29.7' N 77° 38.7' W	<b>Q.G.</b>			3 Green beacon.	
DISCOVERY BAY:							
13784 <i>J 5256</i>	-Dry Harbor Range, front.	18° 27.7' N 77° 24.6' W	<b>F.R.</b>		25 8	Mast, white triangular daymark point up.	
13788 <i>J 5256.1</i>	--Rear, 220 meters 193°52' from front.	18° 27.6' N 77° 24.6' W	<b>F.R.</b>		26 8	Framework tower, white triangular daymark point down.	
OCHO RIOS BAY:							
13804 <i>J 5260</i>	-Range, front.	18° 24.7' N 77° 06.9' W	<b>Oc.R.</b> period 5s lt. 4s, ec. 1s		42 13	10 Red and white triangular daymark point up.	Shown when vessels are expected.
13808 <i>J 5260.1</i>	--Rear, 384 meters 169° from front.	18° 24.5' N 77° 06.9' W	<b>Oc.R.</b> period 5s lt. 4s, ec. 1s		150 46	10 Metal column, red and white triangular daymark point up.	Synchronized with front. Shown when vessels are expected.
13809 <i>J 5260.4</i>	-Beacon.	18° 24.9' N 77° 06.7' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s		16 5	Three pile beacon, square topmark.	
13810 <i>J 5260.5</i>	-Beacon.	18° 24.8' N 77° 06.6' W	<b>Fl.G.</b> period 1.5s fl. 0.5s, ec. 1s		16 5	Three pile beacon, square topmark.	
13828 <i>J 5266</i>	<b>Galina Point.</b>	18° 24.6' N 76° 53.7' W	<b>Fl.W.</b> period 12s fl. 1.5s, ec. 10.5s		62 19	22 White round concrete tower, hut; 30.	F.R. on radio masts close W.
PORT ANTONIO:							
13832 <i>J 5272</i>	<b>Folly Point.</b>	18° 11.1' N 76° 26.5' W	<b>L.Fl.W.</b> period 10s fl. 2s, ec. 8s		54 16	23 White tower, red bands; 49.	
13836 <i>J 5276</i>	-Folly Point Range, front.	18° 11.2' N 76° 26.6' W	<b>F.R.</b>			Beacon.	When required.
13840 <i>J 5276.1</i>	--Rear, 146 meters 068°47' from front.	18° 11.3' N 76° 26.5' W	<b>F.R.</b>			Beacon.	When required.
13844 <i>J 5275</i>	-West Harbor Range, on shore, front.	18° 10.9' N 76° 27.6' W	<b>F.R.</b>		25 8	White beacon; 26.	
13848 <i>J 5275.1</i>	--Rear, 1271 meters 248°47' from front.	18° 10.7' N 76° 28.2' W	<b>F.R.</b>		277 84	White beacon; 20.	

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<b>JAMAICA</b>							
13856 J 5278	-Titchfield.	18° 11.0' N 76° 27.1' W	<b>Q.G.</b>			Green beacon.	
13860 J 5282	<b>Morant Point.</b>	17° 55.2' N 76° 11.1' W	<b>Fl.(3)W.</b> period 20s fl. 0.4s, ec. 2.9s fl. 0.4s, ec. 2.9s fl. 0.4s, ec. 13s	115 35	22	White metal tower, red bands; 95.	Visible 114° -067°.
13864 J 5356	Morant Cays, NE. Cay.	17° 25.0' N 75° 58.3' W	<b>L.Fl.W.</b> period 10s fl. 4s, ec. 6s	75 23	12	Aluminum framework tower, black bands; 69.	<b>Radar reflector.</b>
KINGSTON APPROACH:							
13908 J 5294	<b>-Plumb Point.</b>	17° 55.7' N 76° 46.7' W	<b>Fl.W.R.</b> period 9s fl. 1.5s, ec. 7.5s	69 21	19	White tower; 68.	W. 297°-010°, R.-136°, W.(unintensified)-181°, obscured elsewhere. <i>Red sector reported difficult to distinguish.</i>
			<b>F.R.</b>				Occasional.
13912 J 5292	-Norman Manley AVIATION LIGHT.	17° 56.3' N 76° 46.7' W	<b>Al.Fl.W.G.</b> period 5s	56 17		Tower.	Red lights on radio masts 300 meters E.
13914 J 5293	--Control tower.	17° 56.3' N 76° 46.9' W	<b>Al.Fl.W.G.</b> period 5s	138 42		Airport traffic control tower.	
13917	-Buoy No 2.	17° 54.4' N 76° 45.8' W	<b>Fl.R.</b> period 10s			Red conical buoy.	
	-RACON		<b>K(- • -)</b>				
PORT ROYAL:							
13924 J 5297	-Gun Cay, S. end of shoal.	17° 55.7' N 76° 50.2' W	<b>Fl.R.</b> period 5s	20 6	5	Beacon.	
13928 J 5295.95	-Rackhams Cay Range, front, 2.13 miles 284° to common rear.	17° 55.9' N 76° 51.4' W	<b>Fl.W.</b> period 3s	52 16	8	Metal framework tower.	Synchronized with common rear.
13932 J 5296	--Lazaretto, common rear.	17° 56.2' N 76° 52.4' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	92 28		White cairn.	2 F.R. (vert.) on mast 1.6 miles NNW. R. lights 2 miles NNW.
13933 J 5296.1	-Boat Channel Range, Bloomfield, middle, 2.37 miles 249°30' to common rear.	17° 57.0' N 76° 50.1' W	<b>Q.G.</b>			Beacon, green square daymark.	
13934 J 5296.4	-Boat Channel, Angel, front 2.93 miles 249°30' to common rear.	17° 57.2' N 76° 49.6' W	<b>Q.W.</b>			Red beacon, white stripes, red ball topmark.	
13940 J 5300	-SW. edge of Harbor Shoal.	17° 56.1' N 76° 50.9' W	<b>Fl.R.</b> period 5s	16 5	5	Red beacon.	
13948 J 5301.4	-Chevannes.	17° 56.4' N 76° 50.7' W	<b>Q.R.</b>			Red beacon.	F.R. lights on 4 masts 600 meters S.
13952 J 5304	-Pelican Spit, N. side of Port Royal Harbor.	17° 56.7' N 76° 50.7' W	<b>Fl.R.</b> period 5s	21 6	4	Red beacon.	
13956 J 5302	-Bustamente, SW. of Gallows Point.	17° 56.7' N 76° 50.3' W	<b>Fl.R.</b> period 3s			Beacon, red square daymark.	
KINGSTON HARBOR:							
13960 J 5306	-Currey's Gate.	17° 57.1' N 76° 50.9' W	<b>Fl.R.</b> period 1.5s			Red beacon.	
13962 J 5307.5	-Delbert Sicard.	17° 57.0' N 76° 51.3' W	<b>Fl.G.</b> period 5s			Green beacon.	

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<b>JAMAICA</b>							
13964 <i>J 5307</i>	-Morton.	17° 57.2' N 76° 51.2' W	<b>Fl.G.</b> period 1.5s	22 7	6	Green beacon.	
13976 <i>J 5308</i>	-Two Sisters, near W. extremity of Middle Ground, E. side of ship channel.	17° 57.5' N 76° 50.7' W	<b>Q.R.</b>	18 5		Red beacon.	
13980 <i>J 5312</i>	-Burial Ground.	17° 57.5' N 76° 50.9' W	<b>Fl.G.</b> period 3s	22 7		Green beacon.	
13984 <i>J 5309</i>	-Sphinx.	17° 57.8' N 76° 50.5' W	<b>Fl.R.</b> period 5s	18 5		Red beacon.	
13988 <i>J 5313</i>	-Augusta.	17° 57.9' N 76° 50.7' W	<b>Fl.G.</b> period 5s			Green beacon.	
13992 <i>J 5310</i>	-Mammee.	17° 57.9' N 76° 50.4' W	<b>Fl.R.</b> period 1.5s fl. 0.5s, ec. 1s	18 5		Red beacon.	
13996 <i>J 5314</i>	-St. Albans.	17° 58.0' N 76° 50.4' W	<b>Fl.G.</b> period 1.5s	22 7		Green beacon; 20.	
14000 <i>J 5317</i>	-East Horseshoe.	17° 57.9' N 76° 49.9' W	<b>Fl.R.</b> period 3s	26 8		Red beacon.	
14004 <i>J 5316</i>	-Hunts Bay.	17° 57.9' N 76° 49.9' W	<b>Fl.G.</b> period 3s			Green beacon.	
14040 <i>J 5318</i>	-Middle Ground.	17° 57.8' N 76° 49.5' W	<b>Fl.R.</b> period 5s	17 5		Red beacon.	
14044 <i>J 5325</i>	-Pond Mouth.	17° 57.8' N 76° 48.6' W	<b>Fl.G.</b> period 1.5s fl. 0.5s, ec. 1s	22 7		PORT (B) G, beacon, topmark; 20.	
14048 <i>J 5325.3</i>	-Pickering.	17° 57.2' N 76° 48.4' W	<b>Fl.R.</b> period 1.5s			Red beacon.	
14052 <i>J 5325.5</i>	-Tupper.	17° 57.1' N 76° 47.8' W	<b>Fl.R.</b> period 3s			Red beacon.	
14054 <i>J 5325.82</i>	-Royal Jamaican Yacht Club Marina, E side of entrance.	17° 56.8' N 76° 46.4' W	<b>Fl.G.</b> period 3s			Pile.	
14056 <i>J 5326</i>	-Shell pier, on each end of pier.	17° 58.0' N 76° 44.7' W	<b>2 F.R.</b>				
14060 <i>J 5295</i>	Wreck Reef.	17° 49.9' N 76° 55.3' W	<b>Fl.R.</b> period 5s	16 5	4	White post, red bands.	
PORTLAND BIGHT:							
14072 <i>J 5328</i>	-Pigeon Island Range, front.	17° 47.6' N 77° 04.4' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	25 8	9	White metal column, white triangular daymark point up; 26.	
14080 <i>J 5327.9</i>	--Rear, 0.5 mile 343°20' from front.	17° 48.1' N 77° 04.5' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s	80 24	10	White framework tower, white triangular daymark point down; 75.	Visible 339°-347°30'.
14084 <i>J 5329</i>	-Rocky Point Pier.	17° 49.1' N 77° 08.4' W	<b>2 F.R.</b>				1 light shows from each end.
14085	-Rocky Point Facility Range, front.	17° 50.1' N 77° 09.7' W	<b>Iso.R.</b> period 6s		9	Red beacon, white stripe.	
14086	--Rear, 0.5 mile 299° from front.	17° 50.3' N 77° 10.0' W	<b>Iso.R.</b> period 6s		9	Red beacon, white stripe.	Synchronized with front.
14088 <i>J 5332</i>	-Range, front.	17° 53.5' N 77° 08.4' W	<b>Fl.R.</b> period 3s	26 8		White conical beacon.	
14092 <i>J 5332.1</i>	-Rear, 677 meters 300° from front.	17° 53.7' N 77° 08.7' W	<b>Q.R.</b>	41 12		White conical beacon.	

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<b>JAMAICA</b>							
14112 <i>J 5327</i>	<b>Portland Ridge.</b>	17° 44.5' N 77° 09.5' W	<b>Fl.(2)W.</b> period 15s fl. 1s, ec. 1s fl. 1s, ec. 12s	650 <b>198</b>	<b>20</b>	Red metal framework tower, white bands; 115.	
14116 <i>J 5340</i>	Kaiser Pier Range, front, outer end.	17° 51.5' N 77° 36.2' W	<b>F.R.</b>	34 <b>10</b>			
14120 <i>J 5340.1</i>	-Rear, 690 meters 347°30' from front.	17° 51.9' N 77° 36.3' W	<b>F.R.</b>	138 <b>42</b>		Framework tower; 26.	
14124 <i>J 5341</i>	<b>Lovers Leap.</b>	17° 52.3' N 77° 39.5' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	1739 <b>530</b>	<b>40</b>	White round tower, red bands; 49.	
14144 <i>J 5244</i>	<b>South Negril Point.</b>	18° 15.0' N 78° 21.6' W	<b>Fl.W.R.</b> period 2s fl. 0.8s, ec. 1.2s	100 <b>30</b>	<b>15</b>	White tower; 89.	R. 297°-305°, W.-161°, R.- 215°.
14148 <i>J 5352</i>	Pedro Bank, NE. Cay, NW. extremity of Cay.	17° 03.1' N 77° 45.1' W	<b>Fl.W.</b> period 5s	35 <b>11</b>	<b>11</b>	Beacon, red square topmark, white bands.	
14149 <i>J 5347</i>	South West Rock.	16° 47.5' N 78° 11.4' W	<b>Fl.(3)R.</b> period 10s	16 <b>5</b>	<b>5</b>	Metal pole.	<b>Radar reflector.</b>
<b>HAITI</b>							
14156 <i>J 5368</i>	Cap Jacmel.	18° 10.6' N 72° 32.8' W	<b>Fl.W.</b> period 6s fl. 0.6s, ec. 5.4s	127 <b>39</b>	<b>9</b>	White metal framework tower, red lantern; 20.	
14158 <i>J 5370</i>	Ile Vache.	18° 03.9' N 73° 34.5' W	<b>Q.(6)+L.Fl.W.</b> period 15s			White square tower.	
14160 <i>J 5376</i>	Cap Dame Marie.	18° 36.3' N 74° 25.6' W	<b>Iso.W.</b> period 5s	123 <b>37</b>	<b>9</b>	Framework structure, white square concrete base; 16.	
14164 <i>J 5380</i>	Grande Cayemite, N. point.	18° 38.6' N 73° 45.5' W	<b>V.Q.W.</b>	54 <b>16</b>	<b>12</b>	White metal framework tower, red lantern; 43.	
14168 <i>J 5382</i>	<b>Pointe Ouest (W. Point).</b>	18° 55.7' N 73° 17.9' W	<b>Fl.(4)W.</b> period 15s	279 <b>85</b>	<b>20</b>	White metal framework tower.	
14172 <i>J 5386</i>	Banc de Rochelois, in Canal de Sud, on Les Pirogues.	18° 38.5' N 73° 12.4' W	<b>Mo.(A)W.</b> period 10s	30 <b>9</b>	<b>9</b>	White framework tower, black band, hut, red lantern.	
14182 <i>J 5388</i>	Miragoane.	18° 27.0' N 73° 06.4' W	<b>F.R.</b>	20 <b>6</b>		Corner of loading chute.	
14184 <i>J 5384</i>	Pointe Fantasque, SE. end of Ile de la Gonave.	18° 41.6' N 72° 49.4' W	<b>Q.(6)+L.Fl.W.</b> period 15s	50 <b>15</b>	<b>9</b>	White metal framework tower, black bands.	
PORT-AU-PRINCE:							
14192 <i>J 5390</i>	<b>-Pointe du Lamentin.</b>	18° 33.2' N 72° 24.6' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	106 <b>32</b>	<b>16</b>	White round metal tower; 95.	Visible 126°-109°.
14204 <i>J 5392</i>	-Range, front.	18° 32.1' N 72° 22.8' W	<b>F.R.</b>				
14208 <i>J 5392.1</i>	--Rear, inner end of dock, 120 meters 183° from front.	18° 32.0' N 72° 22.8' W	<b>F.G.</b>				
14212 <i>J 5399</i>	-Lafiteau Range front, pier, head.	18° 41.7' N 72° 21.2' W	<b>F.R.</b>			Black and white beacon; 66.	
14216 <i>J 5399.1</i>	--Rear, 304 meters 044°30' from front.	18° 41.8' N 42° 21.1' W	<b>F.R.</b>			Black and white beacon, building.	

Lights along the coast of Haiti have been reported to be unreliable.

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<b>HAITI</b>							
14220 <i>J 5402</i>	Les Arcadins, NW. point.	18° 48.2' N 72° 38.9' W	<b>Fl.(2)W.</b> period 5s	41 12	9	White round metal tower; 9.	Visible 012°-358°.
14224 <i>J 5404</i>	Pointe de St. Marc.	19° 02.5' N 72° 49.0' W	<b>Q.(9)W.</b> period 15s	96 29	9	White framework tower, white round topmark.	
14228 <i>J 5406</i>	Point Lapierre, N. side of entrance to Gonaives Bay.	19° 27.3' N 72° 46.0' W	<b>V.Q.(6)+L.FI.W.</b> period 10s	318 97	11	White square stone tower.	
14230 <i>J 5408</i>	<b>Cap du Mole St. Nicolas.</b>	19° 49.3' N 73° 24.8' W	<b>Oc.W.</b> period 3s lt. 2s, ec. 1s		15	White tower.	
PORT-DE-CAP-HAITIEN:							
14231	<b>-Pointe Picolet.</b>	19° 47.0' N 72° 11.4' W	<b>Fl.W.</b> period 4s		30	White square concrete tower.	
14231.9 <i>J 5411.4</i>	-Passenger berth.	19° 45.6' N 72° 11.6' W	<b>Oc.R.</b> period 4s lt. 3s, ec. 1s				
14232 <i>J 5414</i>	Ile de la Tortue, E. Point.	19° 59.8' N 72° 37.3' W	<b>Fl.(2)W.</b> period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	77 23	14	White metal framework tower, triangular base; 46.	
14234 <i>J 5412</i>	-W. Point.	20° 03.7' N 72° 58.0' W	<b>V.Q.W.</b>				
Lights along the coast of Haiti have been reported to be unreliable.							
<b>DOMINICAN REPUBLIC</b>							
14240 <i>J 5422</i>	Cayo Arenas, on Bahia de Monte Cristi.	19° 52.2' N 71° 51.9' W	<b>L.FI.W.</b> period 6s fl. 2s, ec. 4s	65 20	13	Red tower, black lantern.	
14244 <i>J 5424</i>	Puerto Libertador, steel pier, head.	19° 42.6' N 71° 44.6' W	<b>IsO.R.</b> period 20s	50 15	10	White tower, red lantern.	
14248 <i>J 5426</i>	Cabra Island, NW. side Bahia de Monte Cristi.	19° 53.4' N 71° 40.1' W	<b>L.FI.W.</b> period 12s fl. 3s, ec. 9s	110 34	13	White pyramidal metal tower; 49.	
14260 <i>J 5430</i>	<b>Puerto Plata.</b>	19° 48.2' N 70° 41.7' W	<b>L.FI.W.</b> period 6s fl. 2s, ec. 4s	137 42	18	Yellow framework tower, black lantern; 59.	Occasional.
14265 <i>J 5431.1</i>	-Harbor light, Dir 218°.	19° 47.9' N 70° 42.2' W	<b>Dir.F.W.R.G.</b>	36 11	9		R. 214°45'-217°15', W.-218°45', G.-221°15'.
14270 <i>J 5432</i>	-AVIATION LIGHT.	19° 45.8' N 70° 34.0' W	<b>Al.FI.W.G.</b> period 10s		10		
14272 <i>J 5434</i>	<b>Cabo Viejo Frances.</b>	19° 40.0' N 69° 56.2' W	<b>L.FI.W.</b> period 10s fl. 2s, ec. 8s	164 50	18	White pyramidal concrete tower; 85.	Visible 132°-304°.
14280 <i>J 5438</i>	Cabo Samana.	19° 18.0' N 69° 09.2' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	463 141	10	White pyramidal framework tower; 62.	
14284 <i>J 5440</i>	Punta Balandra.	19° 10.8' N 69° 13.9' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	155 47	10	White framework tower.	
14288 <i>J 5440.5</i>	Cayo Vigia.	19° 11.7' N 69° 19.6' W	<b>Fl.R.</b>	23 7	8	White pyramidal metal tower.	
14292 <i>J 5442</i>	Punta Nisibon.	18° 58.2' N 68° 46.5' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	50 15	12	White metal tower; 36.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>DOMINICAN REPUBLIC</b>							
14296 <i>J 5444</i>	Cabo Engano, E. point of island.	18° 37.0' N 68° 19.7' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	141 43	11	Red and white metal tower; 66.	
14298 <i>J 5444.5</i>	Punta Barrachana.	18° 32.6' N 68° 21.3' W	<b>Iso.R.</b> period 2s			Tower.	
14300 <i>J 5445</i>	Boca de Yuma.	18° 22.7' N 68° 36.4' W	<b>Fl.R.</b> period 11s	30 9	10	Red pyramidal metal tower; 30.	
ISLA SAONA:							
14304 <i>J 5446</i>	<b>-Isla Saona.</b>	18° 06.7' N 68° 34.6' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	105 32	16	White concrete tower.	
14308 <i>J 5447</i>	-Punta Laguna.	18° 08.3' N 68° 45.3' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	45 14	10	White concrete tower.	
14312 <i>J 5448</i>	<b>La Romana.</b>	18° 24.9' N 68° 57.5' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	90 27	15	White framework tower; 69.	
PUERTO DE ANDRES:							
14324 <i>J 5454</i>	-La Caleta AVIATION LIGHT.	18° 26.0' N 69° 40.1' W	<b>Al.FI.W.G.</b> period 5s		14	Tower.	On request. <b>Aero Radiobeacon.</b>
14333 <i>J 5456.8</i>	-Cabo Caucedo.	18° 24.5' N 69° 37.6' W	<b>F.R.</b>	190 58			Aero light.
14336 <i>J 5457</i>	Punta Torrecilla.	18° 27.9' N 69° 52.6' W	<b>L.Fl.(2)W.</b> period 10s fl. 2s, ec. 2s fl. 2s, ec. 4s	135 41	13	Black tower, yellow diagonal stripes; 125.	
PUERTO DE SANTO DOMINGO:							
14344 <i>J 5458</i>	-Entrance Range, front.	18° 28.4' N 69° 52.6' W	<b>F.G.</b>			White concrete tower.	
14348 <i>J 5458.1</i>	--Rear, 155 meters 047° from front.	18° 28.4' N 69° 52.5' W	<b>F.G.</b>			White concrete tower.	
PUERTO DE HAINA:							
14352 <i>J 5463</i>	-Entrance.	18° 25.5' N 70° 01.2' W	<b>Dir.W.R.G.</b>			Yellow framework tower.	F.R. 342°18'-347°18', F.W.-352°18', F.G.-357°18'. Sector bearings not reliable. R. lights mark two chimneys 800 meters SSW.
14353	-Channel beacon 1.	18° 24.7' N 70° 01.1' W	<b>Iso.G.</b> period 4s			Green beacon.	
14355	--3.	18° 24.9' N 70° 01.1' W	<b>Fl.G.</b> period 4s			Green beacon.	
14357	--4.	18° 24.8' N 70° 01.0' W	<b>Fl.R.</b> period 5s			Red beacon.	
14360 <i>J 5466</i>	Punta Palenque.	18° 13.8' N 70° 09.4' W	<b>Fl.W.</b> period 7s fl. 1s, ec. 6s	45 14	12	White concrete tower; 30.	
14364 <i>J 5468</i>	<b>Boca Canasta.</b>	18° 14.7' N 70° 20.3' W	<b>F.R., Fl.R.</b> (vert.)		22	Mast.	
14368 <i>J 5470</i>	Punta Salinas, Bahía de las Calderas.	18° 12.4' N 70° 33.6' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	98 30	10	Red pyramidal metal tower; 39.	

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<b>DOMINICAN REPUBLIC</b>							
14388 <i>J 5482</i>	Isla Alto Velo.	17° 28.5' N 71° 38.5' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	535 <b>163</b>	13	Yellow concrete tower, black bands, black lantern.	
14392 <i>J 5480</i>	Punta Beata.	17° 36.3' N 71° 25.4' W	<b>Fl.W.</b> period 9s fl. 1s, ec. 8s	80 <b>24</b>	14	Concrete tower.	
14404 <i>J 5484</i>	Pedernales.	18° 02.3' N 71° 44.9' W	<b>L.Fl.W.</b> period 12s fl. 5s, ec. 7s	40 <b>12</b>	11	White metal tower, red lantern.	
<b>PUERTO RICO</b>							
14412 <i>J 5486</i>	Isla Mona, on Cabo Noroeste.	18° 06.6' N 67° 54.5' W	<b>Fl.W.</b> period 5s	323 <b>98</b>	14	Metal tower; 39.	Light may be obscured by land masses when viewed from approximate bearings 140° and 270°.
14416 <i>J 5488</i>	Punta Higuero.	18° 21.7' N 67° 16.2' W	<b>Oc.W.</b> period 4s fl. 3s, ec. 1s	90 <b>27</b>	9	Gray round tower; 69.	
14420 <i>J 5490</i>	Punta Borinquen.	18° 29.8' N 67° 08.9' W	<b>Fl.(2)W.</b> period 15s fl. 0.5s, ec. 4s fl. 0.5s, ec. 10s	292 <b>89</b>	14	Gray column.	
14424 <i>J 5491</i>	Ramey Air Force Base AVIATION LIGHT.	18° 29.9' N 67° 08.3' W	<b>Al.Fl.W.G.</b> period 10s	297 <b>91</b>			
14428 <i>J 5492.6</i>	Arecibo AVIATION LIGHT.	18° 26.9' N 66° 40.4' W	<b>Al.Fl.W.G.</b>				
14432 <i>J 5492</i>	Arecibo, on Punta Morillos.	18° 29.0' N 66° 41.9' W	<b>Fl.W.</b> period 5s	120 <b>37</b>	14	White hexagonal tower, dwelling.	
BAHIA DE SAN JUAN:							
14436 <i>J 5494</i>	<b>-Puerto San Juan.</b>	18° 28.3' N 66° 07.4' W	<b>Fl.(3)W.</b> period 40s fl. 1.3s, ec. 8.7s fl. 1.3s, ec. 8.7s fl. 1.3s, ec. 18.7s	181 <b>55</b>	<b>24</b>	Beige square tower, octagonal base; 52.	Visible 061°-281°.
14440 <i>J 5496</i>	-Range, W. side of harbor, front.	18° 27.4' N 66° 07.7' W	<b>Iso.W.</b> period 2s	26 <b>8</b>		Framework tower, piles.	Visible 179°30'-182°30'. Shown 24 hours.
	-Passing.		<b>Fl.W.</b> period 6s	27 <b>8</b>	4		
14444 <i>J 5496.1</i>	--Rear, 220 meters 181° from front.	18° 27.3' N 66° 07.7' W	<b>Oc.W.</b> period 4s	49 <b>15</b>		Framework tower, piles.	Visible 179°30'-182°30'. Shown 24 hours.
14452 <i>J 5520</i>	AVIATION LIGHT.	18° 26.3' N 66° 00.3' W	<b>Al.Fl.W.G.</b> period 10s	185 <b>56</b>			
14456 <i>J 5518</i>	Caballo Channel Range, front.	18° 26.8' N 65° 59.9' W	<b>2 F.R.</b> (horiz.)	20 <b>6</b>		Red diamond daymark, orange stripes; 20.	Private light.
14460 <i>J 5518.1</i>	-Rear, 27 meters 146°30' from front.	18° 26.8' N 65° 59.9' W	<b>2 F.R.</b> (horiz.)	25 <b>8</b>		Red circular daymark, orange stripes; 26.	Private light.
14464 <i>J 5528</i>	<b>Cabo San Juan.</b>	18° 22.9' N 65° 37.1' W	<b>Fl.W.</b> period 15s fl. 0.7s, ec. 14.3s	260 <b>79</b>	<b>26</b>	Round tower, black band, white dwelling; 46.	Storm signal.
14468 <i>J 5524</i>	Las Cucarachas.	18° 24.0' N 65° 36.7' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	38 <b>12</b>	5	Framework tower, green and white checkered diamond daymark; 16.	

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<b>PUERTO RICO</b>							
14472 J 5601	Cayo Lobito.	18° 20.0' N 65° 23.5' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	110 34	8	Framework tower, red and white checkered diamond daymark.	
14480 J 5608	Isla Culebrita.	18° 18.8' N 65° 13.6' W	<b>Fl.W.</b> period 10s	305 93	14	Round masonry tower, dwelling; 43.	Visible 142°-125°.
ISLA DE CULEBRA:							
14488 J 5604	-Punta del Soldado.	18° 16.7' N 65° 17.2' W	<b>Fl.W.</b> period 2.5s fl. 0.5s, ec. 2s	65 20	5	Tower, red and white checkered diamond daymark.	
ISLA DE VIEQUES:							
14496 J 5594	-Punta Este.	18° 08.1' N 65° 16.1' W	<b>Fl.W.</b> period 6s	43 13	9		
14497 J 5592	-Punta Mulas.	18° 09.3' N 65° 26.6' W	<b>Oc.R.</b> period 4s	68 21	7	White octagonal tower, dwelling.	
14508 J 5540.8	Ensenada Honda AVIATION LIGHT.	18° 14.4' N 65° 38.2' W	<b>Fl.W.</b> period 60s	119 36			<b>Radiobeacon</b> about 1 mile eastward.
For other lighted aids in Sonda de Vieques, use U.S.C.G. Light List Vol. III.							
14509 J 5532	Isla Cabeza de Perro.	18° 15.0' N 65° 34.6' W	<b>Fl.W.R.</b> period 6s	80 24	W. R. 8 6	Framework tower, red and white checkered diamond daymark.	R. 066°-161°, W.-021°, R.-031°.
14510 J 5533	Bajo Chinchorro del Sur.	18° 14.0' N 65° 31.2' W	<b>Fl.W.</b> period 4s	25 8	8	Tower, piles, red and white checkered diamond daymark.	
14512 J 5545	<b>Punta Tuna.</b>	17° 59.3' N 65° 53.1' W	<b>Fl.(2)W.</b> period 30s fl. 0.2s, ec. 19.8s fl. 0.2s, ec. 9.8s	111 34	16	White octagonal tower, square flat-roofed dwelling; 111.	
14520 J 5552	Bahia de Jobos.	17° 56.0' N 66° 17.0' W	<b>Fl.W.</b> period 2.5s	30 9	5	Pile, red and white diamond daymark.	
14524 J 5556	Isla Caja de Muertos.	17° 53.7' N 66° 31.3' W	<b>Fl.W.</b> period 30s	297 91	10	Gray cylindrical tower, dwelling; 297.	
14536 J 5560	-Cayo Cardona, W. side of entrance.	17° 57.5' N 66° 38.1' W	<b>Fl.W.</b> period 4s	46 14	8	White cylindrical tower, dwelling; 36.	
14540 J 5564	-Harbor range, 183 meters S. of Customs Landing, front.	17° 58.8' N 66° 37.2' W	<b>Fl.G.</b> period 2.5s	16 5		Pile.	Visible 013°30'-016°30'. Shown 24 hours.
14544 J 5564.1	--Rear, 279 meters 015° from front.	17° 58.9' N 66° 37.2' W	<b>Iso.G.</b> period 6s	49 15		Skeleton tower.	Visible 013°30'-016°30'. Shown 24 hours.
BAHIA DE GUAYANILLA:							
14548 J 5569.8	-Cayo Maria Langa.	17° 58.0' N 66° 45.1' W	<b>Fl.W.</b> period 2.5s	42 13	7	Tower, red and white diamond daymark.	
For other lighted aids in Bahia de Guayanilla, use U.S.C.G. Light List Vol. III.							
14550 J 5569.9	-Entrance Range, front.	17° 58.6' N 66° 45.8' W	<b>Q.R.</b>	16 5		Pile, red rectangular daymark, white stripe.	Visible 356°36'-359°36'.
14551 J 5569.91	--Rear, 914 meters 358° from front.	17° 59.1' N 66° 45.8' W	<b>Iso.R.</b> period 6s	36 11		Pile, red rectangular daymark, white stripe.	Visible 356°30'-359°30'.

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**PUERTO RICO**

BAHIA DE GUANICA:

14564 <i>J 5574</i>	--Range, at Playa de Guanica, front.	17° 57.9' N 66° 54.6' W	<b>Q.R.</b>		36 11	Framework tower, red rectangular daymark, white stripe.	Visible 350°54'-358°54'.
14568 <i>J 5574.1</i>	--Rear, 512 meters 354°54' from front.	17° 58.2' N 66° 54.6' W	<b>Iso.R.</b> period 6s		48 15	5 Framework tower, red rectangular daymark, white stripe.	Visible 350°54'-358°54'.

For other lighted aids in Bahía de Guanica, use U.S.C.G. Light List Vol. III.

14572 <i>J 5578</i>	<b>Cabo Rojo.</b>	17° 56.0' N 67° 11.5' W	<b>Fl.W.</b> period 20s		121 37	20 Gray hexagonal tower, dwelling; 46.	
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MAYAGUEZ:

14596 <i>J 5582</i>	--Harbor Range, front.	18° 13.1' N 67° 09.7' W	<b>Q.G.</b>		33 10	Square tower, red rectangular daymark, white stripe.	Visible 090°18'-094°18'.
14600 <i>J 5582.1</i>	--Rear, 327 meters 092°18' from front.	18° 13.1' N 67° 09.6' W	<b>Oc.G.</b> period 4s		87 27	Tower, building, red rectangular daymark, white stripe.	Visible 090°18'-094°18'.

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**LESSER ANTILLES**

VIRGIN ISLANDS (U.S.):

-St. Thomas:

14604 <i>J 5610</i>	--Savana Island.	18° 20.2' N 65° 04.9' W	<b>Fl.W.</b> period 4s		300 91	7 White tower.	
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--St. Thomas Harbor:

14624 <i>J 5618</i>	---Berg Hill Range, front.	18° 20.7' N 64° 56.0' W	<b>Fl.G.</b> period 2.5s		210 64	Skeleton tower.	Visible 342°42'-345°42'. Shown 24 hours.
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14628 <i>J 5618.1</i>	---Rear, 114 meters 344°12' from front.	18° 20.7' N 64° 56.0' W	<b>Iso.G.</b> period 6s		299 91	Skeleton tower.	Visible 342°42'-345°42'. Shown 24 hours.
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14632 <i>J 5628</i>	---Buck Island, summit, E. side of harbor entrance.	18° 16.7' N 64° 53.5' W	<b>Fl.W.</b> period 4s fl. 0.4s, ec. 3.6s		139 42	8 Skeleton tower.	
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14636 <i>J 5629</i>	--Current Rock.	18° 18.9' N 64° 50.1' W	<b>Fl.W.</b> period 6s		20 6	7 Skeleton tower, red and white diamond daymark.	Intensified toward Buck Island and Two Brothers.
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-St. John:

14644 <i>J 5630</i>	--Two Brothers.	18° 20.6' N 64° 49.0' W	<b>Fl.W.</b> period 6s		23 7	7 Skeleton tower, red and white diamond daymark.	
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14648 <i>J 5631</i>	--Steven Cay.	18° 19.9' N 64° 48.5' W	<b>Fl.W.</b> period 4s fl. 0.4s, ec. 3.6s		14 4	7 Framework tower, red and white checkered diamond daymark.	
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14652 <i>J 5632</i>	--Cruz Bay.	18° 20.0' N 64° 47.9' W	<b>Fl.W.</b> period 4s		12 4	5 Pile, red and white checkered diamond daymark.	
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<b>LESSER ANTILLES</b>							
-St. Croix:							
14656 <i>J 5640</i>	--Hams Bluff.	17° 46.2' N 64° 53.7' W	<b>Fl.(2)W.</b> period 30s fl. 0.2s, ec. 9.8s fl. 0.2s, ec. 19.8s	394 120	16	White round tower.	Visible 053°-265°, partially obscured 053°-062°.
14660 <i>J 5639.2</i>	--Frederiksted Harbor, mooring.	17° 42.8' N 64° 53.0' W	<b>Fl.W.</b> period 4s	16 5		Dolphin.	Private light.
14664 <i>J 5642</i>	--Christiansted Harbor Entrance Channel Range, front (Fort Louise Augusta).	17° 45.3' N 64° 41.7' W	<b>Q.G.</b>	45 14		Framework tower, red rectangular daymark, white stripe.	
14668 <i>J 5642.1</i>	--Rear, 672 meters 164° from front.	17° 45.0' N 64° 41.6' W	<b>Iso.G.</b> period 6s	93 28		Framework tower, red rectangular daymark, white stripe.	
14672 <i>J 5646</i>	--Buck Island.	17° 47.2' N 64° 37.1' W	<b>Fl.W.</b> period 4s fl. 0.4s, ec. 3.6s	339 103	6	Red pyramidal framework tower.	
14673 <i>J 5647.5</i>	--Krause Lagoon Channel No 4.	17° 41.0' N 64° 45.4' W	<b>Fl.R.</b> period 4s	18 5		STARBOARD (B) R, pile, topmark.	Private light.
14674 <i>J 5647.17</i>	--Lime Tree Bay Channel No 5.	17° 40.9' N 64° 44.5' W	<b>Fl.G.</b> period 4s	14 4		PORT (B) G, pile, topmark.	Private light.
14688 <i>J 5638</i>	--Southwest Cape.	17° 40.8' N 64° 54.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	45 14	7	Gray framework tower.	
14692 <i>J 5649</i>	--AVIATION LIGHT.	17° 42.4' N 64° 47.8' W	<b>Al.FI.W.G.</b> period 10s	249 76			
VIRGIN ISLANDS (U.K.):							
-Tortola:							
14694 <i>J 5634</i>	--Sopers Hole, passenger terminal, SW. head.	18° 23.4' N 64° 42.2' W	<b>F.R.</b>	16 5			
14696 <i>J 5635</i>	--Roadtown Range, front (Road Harbor).	18° 25.3' N 64° 37.1' W	<b>F.R.</b>	37 11	3	Administration building.	F.R. lights on radio mast 1.5 miles WNW. Aero.F.R., F.W. (occas.) 3 miles E.
14696.1 <i>J 5635.1</i>	---Rear, about 40 meters 290° from front.	18° 25.3' N 64° 37.1' W	<b>F.R.</b>	52 16	3	Administration building.	
14697 <i>J 5635.4</i>	--Breakwater.	18° 25.5' N 64° 36.9' W	<b>Fl.Y.</b> period 4s				
14697.5 <i>J 5635.3</i>	--Cruise Ship Dock.	18° 25.3' N 64° 36.7' W	<b>Fl.W.</b> period 3s			Dolphin.	
14698 <i>J 5635.7</i>	--Fat Hogs Bay.	18° 26.1' N 64° 33.6' W	<b>Fl.(2)W.</b> period 5s	25 8	5		
14699 <i>J 5636.5</i>	--Bellamy Cay, off Beef Island.	18° 27.0' N 64° 31.9' W	<b>F.W.</b>			White mast.	
-Virgin Gorda:							
14700 <i>J 5633</i>	--Pajaros Point.	18° 30.4' N 64° 18.9' W	<b>Fl.(3)W.</b> period 15s	200 61	16		
14702 <i>J 5632.5</i>	--Anegada, W. head.	17° 47.6' N 77° 04.4' W	<b>Fl.W.</b> period 10s	62 19	10		
14704 <i>J 5637</i>	-Ginger Island.	18° 23.5' N 64° 28.1' W	<b>Fl.W.</b> period 5s	498 152	14	Yellow tower; 13.	

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<b>LESSER ANTILLES</b>							
14708 <i>J 5636</i>	--Salt Island, NW. corner of island.	18° 22.4' N 64° 31.9' W	<b>Fl.W.</b> period 10s	175 53	14		
LEEWARD ISLANDS:							
-Anguilla (U.K.):							
14712 <i>J 5650</i>	-- <b>Sombrero.</b>	18° 35.1' N 63° 25.5' W	<b>Fl.W.</b> period 10s fl. 0.1s, ec. 9.9s	92 28	17	White column.	
	--RACON		<b>T(-)</b>		10		(3 & 10cm).
14720 <i>J 5656.5</i>	--Road Point.	18° 12.2' N 63° 05.7' W	<b>Fl.(2)W.R.</b> period 14s	59 18	W. 10 R. 6	White triangular concrete structure; 16.	W. 070°-089°, R.-116°, W.-218°.
14722 <i>J 5656.8</i>	--Windward Point.	18° 16.4' N 62° 58.0' W	<b>Fl.(3)W.</b> period 16s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 13.5s	82 25		Pylon; 33.	2 R. lights on radio mast 4.4 miles SW.
-Sint Martin (N.):							
14727 <i>J 5662.3</i>	--Philipsburg.	18° 00.3' N 63° 02.7' W	<b>Q.R.</b>				
14727.5 <i>J 5662.5</i>	--AC Wathey pier, head.	18° 00.5' N 63° 02.9' W	<b>Fl.(6)+L.Fl.W.</b> period 10s		7		
14728 <i>J 5659</i>	--Simson Baai AVIATION LIGHT.	18° 02.5' N 63° 06.7' W	<b>Al.Fl.W.G.</b> period 6s	52 16	13	Control tower.	
-St. Martin (F):							
14730 <i>J 5657.5</i>	--Breakwater, head, N. end.	18° 07.0' N 63° 02.4' W	<b>Fl.R.</b> period 2.5s fl. 0.5s, ec. 2s	10 3	5	White pylon, red top; 7.	
14731 <i>J 5657.6</i>	--Spur.	18° 07.0' N 63° 02.3' W	<b>Fl.G.</b> period 2.5s fl. 0.5s, ec. 2s	10 3	5	White pylon, green top.	
14731.5 <i>J 5657.7</i>	--Gailsbay, jetty.	18° 04.9' N 63° 05.1' W	<b>Fl.(3)W.R.G.</b> period 12s	33 10	W. 8 R. 6 G. 6	Metal mast.	R. 080°-100°, W.-106°30', G.-123°.
14732 <i>J 5658</i>	--Baie du Marigot.	18° 04.2' N 63° 05.2' W	<b>Fl.W.R.G.</b> period 4s fl. 1s, ec. 3s	66 20	W. 11 R. 7 G. 7	White tower, red top; 33.	R. 104°-126°, W.-132°, G.-185°.
-St. Barthelemy (F):							
14736 <i>J 5664</i>	--Fort Gustavia.	17° 54.1' N 62° 51.1' W	<b>Fl.(3)W.R.G.</b> period 12s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 6s	210 64	W. 11 R. 8 G. 8	White tower, red top; 33.	R. 340°-103°, W.-111°, G.-160°.
14737.5 <i>J 5666</i>	--Diamantrots, W. side.	17° 38.9' N 63° 15.4' W	<b>Q.W.</b>				
-Saba (N.):							
14738 <i>J 5667.3</i>	-- <b>St. Johns.</b>	17° 37.2' N 63° 14.6' W	<b>Fl.(2)W.</b> period 10s		15		
14739.3 <i>J 5667.38</i>	--Fort Bay, E. side.	17° 36.9' N 63° 15.1' W	<b>F.R.</b>				
14739.6 <i>J 5667.4</i>	--W. side.	17° 37.0' N 63° 15.1' W	<b>F.G.</b>				

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<b>LESSER ANTILLES</b>							
-St. Eustatius (N.):							
14740 J 5668	--Tumbledown Dick Bay, oil pier, head.	17° 29.7' N 63° 00.4' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s			10 Dolphin.	
14742 J 5668.5	-- <b>Oranjestad.</b>	17° 28.9' N 62° 59.2' W	<b>Fl.(3)W.</b> period 15s	131 40	17		
-St. Christopher (St. Kitts and Nevis):							
14745 J 5675	--Half Moon Point.	17° 18.8' N 62° 42.1' W	<b>Oc.R.</b> period 2s lt. 1.5s, ec. 0.5s			Tower.	<i>Reported visible 23M.</i>
<b>F.R.</b>							
--Basseterre Bay:							
14752 J 5672	---Fort Thomas.	17° 17.3' N 62° 44.1' W	<b>F.R.</b>	67 20		Metal mast; 16.	Aero. Al.FI.W.G. (occas.) 1.6 miles NE.
14754 J 5673.21	---Market building.	17° 17.7' N 62° 43.6' W	<b>Q.R.</b>	20 6		5 Green building, cream roof.	
14755.4 J 5673.13	---Cruise ship terminal, N. dolphin.	17° 17.3' N 62° 43.4' W	<b>Fl.Y.</b> period 4s	13 4		3 Metal mast; 3.	
14755.6 J 5673.14	---S. dolphin.	17° 17.2' N 62° 43.4' W	<b>Fl.Y.</b>				
14756 J 5674	---Fort Smith, E. side of harbor.	17° 17.4' N 62° 42.5' W	<b>F.G.</b>	35 11		2 Concrete block; 20.	Fl.W. 2s 2M on dolphin 370 meters NW.
14757 J 5673.8	---Saint Kitts Deep Water Port, outer dolphin.	17° 17.1' N 62° 42.7' W	<b>Fl.R.</b> period 4s	13 4		3 Dolphin.	
14758 J 5677	--Cow Rocks.	17° 12.8' N 62° 37.3' W	<b>Fl.W.</b>			ISOLATED DANGER Beacon, topmark.	
14760 J 5678	--Charlestown, root of pier.	17° 08.3' N 62° 37.8' W	<b>F.R.</b>	15 5		Post.	Iso.R. light on radio mast 0.7 mile SSE.
14761 J 5678.4	--Long Point Port.	17° 06.5' N 62° 37.5' W	<b>Fl.(2)W.R.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	89 27			
-Montserrat (U.K.):							
14765 J 5686	--Plymouth, jetty, root.	16° 42.3' N 62° 13.3' W	<b>F.R.</b>			Terminal building; 33.	Difficult to distinguish.
14766.5 J 5687.5	--Castle Peak AVIATION LIGHT.	16° 42.5' N 62° 10.9' W	<b>F.R.</b> period 1.5s	3179 969		6 Mast; 180.	Obstruction light.
14767 J 5688	--Blackburne Airport AVIATION LIGHT.	16° 45.6' N 62° 09.5' W	<b>Al.FI.W.G.</b> period 6s	33 10			Obstruction light. <i>Reported visible 8 miles.</i> Occasional.
14767.2 J 5688.2	---AVIATION LIGHT.	16° 46.0' N 62° 09.9' W	<b>Oc.R.</b> period 1.5s	197 60			Obstruction light. <i>Reported visible 8 miles.</i> Occasional.
-Antigua:							
14768 J 5690	--Sandy Island.	17° 08.1' N 61° 55.6' W	<b>Fl.W.</b> period 10s fl. 1.5s, ec. 8.5s	53 16		10 Aluminum framework tower; 52.	
--St. John's Harbor:							
14772 J 5694	---Pillar Rock.	17° 07.7' N 61° 52.7' W	<b>Fl.G.</b> period 4s	106 32		5 White house.	Visible 067°-093°, obscured- 108°, visible thence to shore SE. of light.

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14774 <i>J 5695</i>	---Range, front.	17° 07.1' N 61° 50.6' W	<b>Iso.R.</b> period 6s	62 19	6	STARBOARD (B) R, mast, topmark; 56.	
14776 <i>J 5695.1</i>	---Rear, 440 meters 113° from front.	17° 07.0' N 61° 50.4' W	<b>Iso.R.</b> period 6s	92 28	6	STARBOARD (B) R, mast, topmark; 30.	
14784 <i>J 5696</i>	---Fort James.	17° 07.8' N 61° 51.8' W	<b>Fl.R.</b> period 4s	48 15	5	White column; 7.	Visible 344°-shore.
14792 <i>J 5698</i>	---Range, front.	17° 01.4' N 61° 46.5' W	<b>Q.G.</b>	75 23		Wooden pile structure, red triangular daymark point up; 33.	
14796 <i>J 5698.1</i>	---Rear, 290 meters 029° from front.	17° 01.5' N 61° 46.4' W	<b>Iso.G.</b> period 2s			Wooden pile structure, red triangular daymark point up; 33.	
14798 <i>J 5699.5</i>	--Prickly Pear Island.	17° 10.6' N 61° 47.9' W	<b>Q.W.</b>	26 8		Black pylon.	
	--English Harbor:						
14800 <i>J 5698.5</i>	---Range, front.	17° 00.5' N 61° 45.6' W	<b>Fl.R.</b> period 2s				
14804 <i>J 5698.51</i>	---Rear, about 100 meters 025° from front.	17° 00.7' N 61° 45.5' W	<b>Fl.R.</b> period 4s				
	-Guadeloupe (F):						
14812 <i>J 5724</i>	--La Desirade.	16° 20.0' N 61° 00.3' W	<b>Fl.(2)W.</b> period 10s fl., ec. 2.5s fl., ec. 7.5s	164 50	21	White structure, red top; 66.	
14816 <i>J 5725</i>	--Baie Mahault Range, front.	16° 19.8' N 61° 00.8' W	<b>Fl.R.</b> period 2s fl. 0.4s, ec. 1.6s	16 5	4	White pylon, red top; 16.	
14820 <i>J 5725.1</i>	---Rear, 35 meters 326° from front.	16° 19.8' N 61° 00.8' W	<b>Fl.R.</b> period 2s fl. 0.4s, ec. 1.6s	23 7	4	White pylon, red top; 16.	Synchronized with front.
14825 <i>J 5728</i>	--Port de Beausejour, jetty, head.	16° 18.1' N 64° 04.4' W	<b>Fl.(2)R.</b> period 6s		3	White pylon, red top.	
14828 <i>J 5727</i>	--Leading light.	16° 18.2' N 61° 04.4' W	<b>Oc.(2)W.R.G.</b> period 6s lt. 1s, ec. 1s lt. 3s, ec. 1s	23 7	W. 8 R. 6 G. 6	White pylon, red top; 23.	R. 250°-335°, W.-339°, G.-056°.
14832 <i>J 5730</i>	--Iles de Petite Terre.	16° 10.2' N 61° 06.5' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 6s	105 32	15	Gray tower, green top, dwelling; 85.	
14834 <i>J 5715</i>	--Vieux-Bourg.	16° 22.7' N 61° 29.8' W	<b>Fl.W.R.G.</b> period 4s	20 6	W. 8 R. 5 G. 5		R. 016°-081°, W.-091°, G.-119°.
14836 <i>J 5716</i>	--Port Louis.	16° 25.1' N 61° 32.0' W	<b>Fl.(3)W.</b> period 12s	33 10	10	White tower; 30.	
14840 <i>J 5718</i>	--Anse Bertrand.	16° 28.4' N 61° 30.5' W	<b>Fl.(2)W.R.G.</b> period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	46 14	W. 12 R. 9 G. 9	White pylon; 26.	R. 120°-163°, W.-170°, G.-200°.
14844 <i>J 5722</i>	--Port du Moule.	16° 19.9' N 61° 20.6' W	<b>Fl.W.R.</b> period 4s	39 12	W. 9 R. 6	White pylon, red top, hut; 36.	R. 110°-202°, W.-312°, R.-340°.
14848 <i>J 5723</i>	--E. side of entrance.	16° 19.9' N 61° 20.5' W	<b>Fl.(2)W.R.G.</b> period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	23 7	W. 8 R. 6 G. 6	White pylon, green top; 23.	R. 353°-133°, W.-138°, G.-165° (white on Hastings Pass).

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14850 J 5723.5	--Jetty, head.	16° 19.8' N 61° 20.5' W	<b>Fl.(3)G.</b> period 12s		2	White pylon, green top; 10.	
14852 J 5731	--Port de Saint Francois.	16° 15.0' N 61° 16.5' W	<b>Q.W.R.G.</b>	33 10	W. 9 R. 7 G. 7	White tower.	R. 345°-358°, W.-002°, G.-015°.
	--Pointe-a-Pitre:						
14860 J 5734	---Ilet a Gozier.	16° 11.9' N 61° 29.4' W	<b>Fl.(2)R.</b> period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	79 24	21	White tower, red top; 69.	Visible 259°-115°, obscured by trees on certain bearings toward Pointe Caraibe.
14862 J 5738.5	--Port de Lauricisque, jetty, head.	16° 15.0' N 61° 32.9' W	<b>Fl.(4)G.</b> period 15s	20 6	2	White pylon, green top.	
14864 J 5736	---Entrance Range, front, S. end Monroux peninsula.	16° 13.2' N 61° 31.9' W	<b>Dir.Q.W.</b>	49 15	13	White pylon, white rectangular topmark; 46.	Intensified 345°-351°. River marked by lights.
14868 J 5736.1	---Rear, Pointe Fouillole, 640 meters 348° from front.	16° 13.5' N 61° 32.0' W	<b>Q.W.</b>	69 21		White mast, white rectangular daymark; 66.	
14868.5 J 5736.2	--RoRo Terminal.	16° 14.0' N 61° 32.5' W	<b>Fl.G.</b> period 2.5s		2		Marks gangway.
14869 J 5736.3	--No 1.	16° 12.7' N 61° 31.7' W	<b>Q.R.</b>	10 3	5	STARBOARD (B) R, beacon, topmark.	
14870 J 5736.4	--No 2.	16° 12.8' N 61° 31.8' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	10 3	5	PORT (B) G, beacon, topmark.	
14871 J 5736.45	--No 2a.	16° 12.8' N 61° 31.9' W	<b>Fl.(2)G.</b> period 6s			PORT (B) G, beacon, topmark.	
14872 J 5736.5	--No 3.	16° 12.9' N 61° 31.8' W	<b>Fl.(2)R.</b> period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	10 3	5	STARBOARD (B) R, beacon, topmark.	
14873 J 5739	--Petit Bourg, jetty.	16° 11.4' N 61° 35.4' W	<b>Fl.(2)G.</b> period 6s		4	White tripod, green top.	
14874 J 5739.5	--Goyave.	16° 08.2' N 61° 34.3' W	<b>Fl.(3)G.</b> period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	16 5	2	White tripod, green top.	
14878 J 5743	--Port de Bananier, jetty, head.	16° 00.2' N 61° 35.9' W	<b>Fl.(3)R.</b> period 6s	20 6	2	White pylon, red top, red triangular daymark point up.	
14880 J 5702	--Trois Rivieres.	15° 58.1' N 61° 38.8' W	<b>Iso.W.R.G.</b> period 4s	82 25	W. 10 R. 7 G. 7	White tower, green top; 30.	R. 275°-354°, W.-054°, G.-068°.
14882 J 5705	--Marina, S. breakwater.	15° 58.9' N 61° 43.0' W	<b>Fl.R.</b> period 2.5s	30 9	5	White pylon, red top; 10.	
14882.5 J 5705.2	--N. breakwater.	15° 58.9' N 61° 43.0' W	<b>Fl.(2)G.</b> period 6s			White mast, green top.	
14884 J 5706	--Basse Terre, on quay, near customhouse.	15° 59.8' N 61° 43.9' W	<b>Fl.W.G.</b> period 4s fl. 1s, ec. 3s	46 14	W. 9 G. 6	White pylon, red top; 39.	W. 325°-110°, G.-135°.
14888 J 5704	--Pointe du Vieux Fort.	15° 56.9' N 61° 42.5' W	<b>Fl.(2+1)W.</b> period 15s fl. 0.1s, ec. 2.5s fl. 0.1s, ec. 6.1s fl. 0.1s, ec. 6.1s	85 26	22	Gray tower, white band; 75.	

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14892 <i>J 5712</i>	--Anse a la Barque.	16° 05.4' N 61° 46.0' W	<b>Fl.(2)W.R.G.</b> period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	36 11	W. 8 R. 5 G. 5	White tower; 36.	R. 050°-064°, W.-081°, G.- 115°.
14896 <i>J 5710</i>	--N. side of entrance.  --Les Saintes:	16° 05.4' N 61° 46.3' W	<b>Fl.(3)W.</b> period 12s	95 29		White tower; 23.	
14904 <i>J 5746</i>	---Bourg des Saintes, Terre d'en Haut, root of wharf.	15° 52.1' N 61° 35.0' W	<b>Fl.W.R.G.</b> period 4s fl. 1s, ec. 3s	30 9	W. 10 R. 7 G. 7	White square tower; 26.	R. 075°-142°, W.-154°, G.- 160°.
--Marie-Galante:							
14908 <i>J 5748</i>	---Grand-Bourg, on wharf.	15° 52.8' N 61° 19.1' W	<b>Fl.(2)G.</b> period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	26 8		White post, green top; 23.	Reserve light range 4M.
14912 <i>J 5750</i>	---St. Louis, W. of church.	15° 57.4' N 61° 19.1' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	36 11		White square tower, green top; 30.	
14916 <i>J 5752</i>	---Capesterre Range, front.	15° 53.8' N 61° 13.1' W	<b>Q.R.</b>	39 12		White tower, red bands, red top; 23.	Visible 246°30'-051°30'.
14920 <i>J 5752.1</i>	----Rear, 100 meters 312°06' from front.	15° 53.8' N 61° 13.1' W	<b>Q.R.</b>	52 16		White tower, red bands, red top; 20.	Visible 246°30'-051°30'.
DOMINICA:							
14925 <i>J 5760.8</i>	--Morne Espagnol.	15° 31.5' N 61° 28.1' W	<b>F.R.G.(vert)</b>			Red and white checkered framework tower; 39.	
14926 <i>J 5760.4</i>	-Salisbury.	15° 25.9' N 61° 26.1' W	<b>2 F.R.</b> (vert.)				
14929 <i>J 5770</i>	<b>-Scott Head.</b>	15° 12.8' N 61° 22.3' W	<b>Q.W.</b>		17		
MARTINIQUE:							
14932 <i>J 5772</i>	<b>-La Caravelle.</b>	14° 46.4' N 60° 52.9' W	<b>Fl.(3)W.</b> period 15s fl. 0.2s, ec. 2.8s fl. 0.2s, ec. 2.8s fl. 0.2s, ec. 8.8s	528 161		Yellow square tower, white lantern; 46.	Visible 113°-345°.
14932.3 <i>J 5772.23</i>	-La Trinite, TR10.	14° 44.4' N 60° 57.6' W	<b>Q.G.</b>	10 3		PORT (B) G, beacon, topmark.	
14932.6 <i>J 5772.25</i>	--TR11.	14° 44.4' N 60° 57.7' W	<b>Q.R.</b>	10 3		STARBOARD (B) R, beacon, topmark.	
14933 <i>J 5772.3</i>	-Baie Trinite Range, front.	14° 45.3' N 60° 58.0' W	<b>Iso.W.</b> period 4s	20 6		White structure; 16.	
14933.1 <i>J 5772.31</i>	--Rear, 36 meters 284°12' from front.	14° 45.3' N 60° 58.1' W	<b>Iso.W.</b> period 4s	23 7		White structure; 20.	
14934 <i>J 5772.5</i>	-Baie du Francois.	14° 38.2' N 60° 53.5' W	<b>Q.W.R.G.</b>	92 28	W. 8 R. 6 G. 6	White tower, red top; 30.	R. 200°-245°, W.-248°, G.- 280°.
14936 <i>J 5773</i>	-Port Vauclin, N. point.	14° 33.1' N 60° 50.2' W	<b>Q.W.R.G.</b>	46 14	W. 11 R. 9 G. 9	White tower, red top; 23.	R. 220°-230°, W.-232°, G.- 250°.

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14937 J 5773.5	--Dique Est, head.	14° 32.8' N 60° 50.1' W	<b>Fl.(3)G.</b> period 12s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 6s	13 4	2	White tower, green top; 10.	
14937.05 J 5775	--Baie de Cap Chevalier, Dir Lt 305°.	14° 26.1' N 60° 49.6' W	<b>Q.W.R.G.</b>	30 9	W. 10 R. 7 G. 7	White metal post.	R. 291°-304°, W.-306°, G.- 319°.
14937.1 J 5774	--Epi Ouest, head.	14° 32.8' N 60° 50.1' W	<b>Fl.(3)R.</b> period 12s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 6s	10 3	2	Pylon; 10.	
14940 J 5776	<b>-Ilet Cabrits.</b>	14° 23.5' N 60° 52.1' W	<b>Fl.(4)W.</b> period 15s	141 43	21	White pylon, red top; 85.	Visible 235°-106° and 107°- 108°. Reserve light.
	-Marin Bay:						
14944 J 5777	--Point du Marin.	14° 27.0' N 60° 53.0' W	<b>Q.W.R.G.</b>	23 7	W. 9 R. 6 G. 6	White pylon, red top; 23.	R. 015°-071°, W.-075°, G.- 080°.
14948 J 5780	<b>-Pointe des Negres.</b>	14° 36.0' N 61° 05.4' W	<b>Fl.W.</b> period 5s	118 36	24	White pylon, gray lantern; 92.	Visible 276°-126°. <b>Aero Radiobeacon</b> 0.1 mile NNW.
			<b>3 F.R. (vert.)</b>				
14960 J 5784	<b>--Baie du Carenage Range,</b> front.	14° 36.2' N 61° 03.7' W	<b>Iso.G.</b> period 4s	135 41	18	White pylon, black bands, red rectangular daymark; 39.	Intensified 001°-007°.
14964 J 5784.1	---Rear, 145 meters 004° from front.	14° 36.3' N 61° 03.7' W	<b>Iso.G.</b> period 4s	164 50	18	White pylon, black bands, red rectangular daymark; 46.	Synchronized with front. Intensified 001°-007°.
	-Fort-de-France:						
14980 J 5785.8	--Quai des Annexes.	14° 36.0' N 61° 03.7' W	<b>Oc.R.</b> period 4s	3 1	6	Red structure.	
14981 J 5785.6	--Quai des Tourelles.	14° 36.0' N 61° 03.7' W	<b>Oc.G.</b> period 4s	3 1	6	Green structure.	
14983 J 5787	--No 7.	14° 35.6' N 61° 04.0' W	<b>Fl.(2)R.</b> period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	23 7	4	STARBOARD (B) R, beacon, topmark.	
14983.5 J 5787.4	--No 3.	14° 35.2' N 61° 03.8' W	<b>Fl.R.</b> period 2.5s fl. 0.5s, ec. 2s	23 7	3	STARBOARD (B) R, beacon, topmark.	
14984 J 5782	<b>--Le Lamentin AVIATION</b> LIGHT.	14° 35.7' N 60° 59.7' W	<b>Fl.(3+1)W.</b> period 12s fl. 0.1s, ec. 1.9s fl. 0.1s, ec. 1.9s fl. 0.1s, ec. 3.9s fl. 0.1s, ec. 3.9s	105 32	20		
14988 J 5789	-Pointe du Bout, Marina E. jetty, head.	14° 33.5' N 61° 03.0' W	<b>Fl.(2)G.</b> period 6s	13 4	2	Green metal column; 13.	
14992 J 5790	--Marina W. Jetty, head.	14° 33.5' N 61° 03.1' W	<b>Fl.(2)R.</b> period 6s	13 4	2	Red metal column; 13.	
14996 J 5790.5	<b>-Precheur Point.</b>	14° 48.1' N 61° 13.5' W	<b>Fl.R.</b> period 5s	72 22	18	White tower; 39.	Reserve light 13M.

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<b>LESSER ANTILLES</b>							
ST. LUCIA:							
15000 <i>J 5791</i>	-Vigie.	14° 01.3' N 61° 00.1' W	<b>Fl.(2)W.</b> period 10s fl. 0.3s, ec. 2s fl. 0.3s, ec. 7.4s	320 98	22	White round masonry tower, red roof; 36.	Visible 039°-212°, partially obscured by Pigeon Island 206°-209°.
15004 <i>J 5792</i>	-Tapion Rock.	14° 01.0' N 61° 00.4' W	<b>Q.W.</b>	50 15	2	Old battery; 7.	Visible outside harbor from 046°-192°, inside harbor from 192°-287°.
-Port of Castries:							
15008 <i>J 5794</i>	--Airfield extension.	14° 01.0' N 61° 00.1' W	<b>Q.G.</b>	11 3	5		
15016 <i>J 5793</i>	--W. wharf Range, front.	14° 00.7' N 60° 59.6' W	<b>F.R.</b>	56 17	5	Mast, NE. corner of building, white triangular daymark point up, orange stripe.	Emergency light Q.R.
15020 <i>J 5793.1</i>	---Rear, 911 meters 121° from front.	14° 00.4' N 60° 59.2' W	<b>F.R.</b>	110 34	5	Pylon, white triangular daymark point down, orange stripe; 72.	Emergency light Q.R.
15021 <i>J 5793.5</i>	--Pointe Seraphine.	14° 00.8' N 60° 59.8' W	<b>Fl.Y.</b>	13 4	2	Dolphin.	
15024 <i>J 5795</i>	-Cul De Sac Bay Range, front.	13° 59.3' N 61° 00.8' W	<b>Fl.G.</b> period 6s fl. 0.6s, ec. 5.4s	39 12	7	Tower, green square daymark; 26.	
15024.5 <i>J 5795.1</i>	--Rear, 345 meters 105°18' from front.	13° 59.3' N 61° 00.7' W	<b>F.G.</b>	66 20	7	Black round tower, yellow bands, green square daymark; 46.	Visible 102°18'-108°18'.
15026 <i>J 5795.3</i>	-Range, front.	13° 58.8' N 61° 00.5' W	<b>F.G.</b>	167 51	7	Black round tower, yellow bands; 89.	Visible 128°06'-134°06'.
15026.1 <i>J 5795.31</i>	--Rear, 582 meters 131°06' from front.	13° 58.6' N 61° 00.3' W	<b>F.G.</b>	203 62	7	Black round tower, yellow bands, red rectangular daymark, white stripe.	Visible 128°06'-134°06'.
15028 <i>J 5795.5</i>	-Bananès Point, No 2.	13° 59.2' N 61° 01.6' W	<b>Fl.R.</b> period 4s fl. 0.4s, ec. 3.6s	85 26	7	Tower, white triangular daymark point up; 26.	
15036 <i>J 5799</i>	-Mathurin Point.	13° 42.8' N 60° 57.5' W	<b>V.Q.(2)W.</b> period 5s	16 5	2	Red pylon; 10.	Visible 003°-279°.
15040 <i>J 5800</i>	-Vieux Fort Bay Range, front.	13° 43.2' N 60° 57.2' W	<b>Q.R.</b>	26 8	8	Mast.	
15044 <i>J 5800.1</i>	--Rear, 460 meters 059°53' from front.	13° 43.3' N 60° 57.0' W	<b>Iso.R.</b> period 6s	65 20	9	Metal column, red diamond daymark.	
15044.5 <i>J 5800.2</i>	-N. entrance channel.	13° 43.3' N 60° 57.4' W	<b>Q.G.</b>	13 4	5	Green pile.	
15045 <i>J 5800.4</i>	-S. entrance channel.	13° 43.2' N 60° 57.2' W	<b>Q.R.</b>	13 4	5	Red pile.	
15045.5 <i>J 5800.6</i>	-Battery Point.	13° 43.4' N 60° 57.2' W	<b>Fl.Y.</b> period 2.5s fl. 0.3s, ec. 2.2s	13 4	5	Orange pillar.	
15046 <i>J 5800.7</i>	--S.	13° 43.2' N 60° 57.1' W	<b>Fl.Y.</b> period 2.5s fl. 0.3s, ec. 2.2s	13 4	5	Orange pillar.	
15048 <i>J 5798</i>	-Cape Moule a Chique.	13° 42.7' N 60° 56.5' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	745 227	22	Masonry tower; 30.	Visible 197°-123°.
15052 <i>J 5801</i>	-Mount Tourney AVIATION LIGHT.	13° 44.6' N 60° 57.9' W	<b>Iso.R.</b>	485 148		Red pylon, white bands; 33.	

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15056 <i>J 5802</i>	-Mount Bellevue AVIATION LIGHT.	13° 44.4' N 60° 56.7' W	<b>Al.FI.W.G.</b> period 5s	351 <b>107</b>		Beacon.	
15060 <i>J 5790.6</i>	-Cape Marquis.	14° 03.0' N 60° 53.0' W	<b>Fl.(2)W.</b> period 20s fl. 0.3s, ec. 6.4s fl. 0.3s, ec. 13s	197 <b>60</b>		White square support.	
15062 <i>J 5790.8</i>	-Fourreur Rock.	14° 04.3' N 60° 58.7' W	<b>Fl.(2)W.</b> period 5s	23 <b>7</b>	2		
15062.4 <i>J 5790.9</i>	-Marina, N. entrance.	14° 04.7' N 60° 57.3' W	<b>Q.G.</b>	10 <b>3</b>	2		
15062.6 <i>J 5790.95</i>	--S. entrance.	14° 04.7' N 60° 57.3' W	<b>Q.R.</b>	10 <b>3</b>	2		
15063 <i>J 5790.85</i>	-Marina Range, front.	14° 04.7' N 60° 57.0' W	<b>Fl.W.</b>	15 <b>5</b>	2		
15063.1 <i>J 5790.86</i>	--Rear, 251 meters 098° from front.	14° 04.7' N 60° 56.9' W	<b>Fl.W.</b>	31 <b>9</b>	2		
ST. VINCENT:							
15064 <i>J 5817</i>	<b>-Fort Charlotte.</b>	13° 09.5' N 61° 14.5' W	<b>Fl.(3)W.</b> period 20s fl. 1.5s, ec. 3s fl. 1.5s, ec. 3s fl. 1.5s, ec. 9.5s	640 <b>195</b>	<b>16</b>	Hexagonal building; 10.	Visible 268°-143°. Aero.Oc.R. (occas.) 1.5 miles SE.
15068 <i>J 5816</i>	-Duvernette Island.	13° 07.7' N 61° 12.2' W	<b>V.Q.(2)W.</b> period 2s	229 <b>70</b>	6	White pylon; 30.	Oc.W. (occas.) 250 meters NE.
15068.2 <i>J 5816.2</i>	-Calliaqua Bay.	13° 07.5' N 61° 11.8' W	<b>Fl.R.</b> period 4s			STARBOARD (B) R, pillar, topmark.	
15068.4 <i>J 5816.4</i>	--Rookes Point Shoal.	13° 07.7' N 61° 11.9' W	<b>V.Q.(6)+L.FI.W.</b> period 10s			S. CARDINAL YB, pillar, topmark.	
15068.6 <i>J 5816.6</i>	-Young Island Carenage.	13° 07.7' N 61° 12.1' W	<b>Fl.G.</b> period 4s			PORT (B) G, pillar, topmark.	
15072 <i>J 5815.4</i>	-Brighton.	13° 07.5' N 61° 10.1' W	<b>Fl.W.</b> period 4s	118 <b>36</b>	8	White pylon; 20.	Visible 217°-077°. Obstruction light.
15076 <i>J 5815</i>	-Owia (Cow and Calves).	13° 22.6' N 61° 08.5' W	<b>Fl.W.</b> period 10s	118 <b>36</b>	8	White pylon; 20.	Visible 101°-307°.
15080 <i>J 5818</i>	-Dark Head.	13° 17.0' N 61° 15.6' W	<b>Fl.W.</b> period 5s	338 <b>103</b>	12	Pylon; 10.	Visible 020°-211°. Oc.R. and 2 F.R. (vert.) 2.5 miles NE.
15082 <i>J 5817.1</i>	-W. pier head.	13° 09.2' N 61° 13.6' W	<b>Fl.(2)W.</b> period 4s				
15084 <i>J 5817.15</i>	-E. pier head.	13° 09.2' N 61° 13.6' W	<b>Q.W.</b>				
15088 <i>J 5817.4</i>	-Kingstown Wharf, NW. head.	13° 09.1' N 61° 13.5' W	<b>F.R.</b>			Column.	
15092 <i>J 5817.2</i>	--SE. head.	13° 09.0' N 61° 13.5' W	<b>F.R.</b>			Column.	
15093 <i>J 5817.5</i>	-Cruise ship jetty, head.	13° 08.8' N 61° 13.6' W	<b>Fl.G.</b> period 3s	33 <b>10</b>		Dolphin.	R. lights shown on S. side and G. lights shown on N. side of channel.
BARBADOS:							
15096 <i>J 5804</i>	-Ragged Point.	13° 09.8' N 59° 26.0' W	<b>F.R.</b>	213 <b>65</b>	3	White round stone tower; 98.	Visible 135°-056°.

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15100 <i>J 5806</i>	-South Point.	13° 02.8' N 59° 31.8' W	<b>Fl.(3)W.</b> period 30s	145 44	17	White tower, red bands; 89.	Storm signal station.
15102 <i>J 5806.5</i>	-Oistins Fishing Jetty.	13° 03.7' N 59° 32.6' W	<b>F.R.</b>	20 6	5	Hut.	
15104 <i>J 5805</i>	-Seawell AVIATION LIGHT.	13° 04.6' N 59° 29.6' W	<b>Al.FI.W.G.</b> period 4s	210 64			
15108 <i>J 5807</i>	-Needham Point.	13° 04.7' N 59° 36.8' W	<b>Fl.R.</b> period 8s		3	Post; 98.	
15116 <i>J 5809.2</i>	-Bridgetown Careenage.	13° 05.7' N 59° 37.1' W	<b>Fl.(2)R.</b> period 10s	26 8	2	Silver metal structure; 16.	
15116.4 <i>J 5809.4</i>	--Fishing Harbor Entrance.	13° 05.7' N 59° 37.2' W	<b>F.G.</b>				
15116.6 <i>J 5809.6</i>	---N. side.	13° 05.8' N 59° 37.2' W	<b>F.R.</b>				
15120 <i>J 5811</i>	-Bridgetown breakwater.	13° 06.4' N 59° 38.0' W	<b>Q.(3)R.</b> period 10s	49 15	12	Red beacon, yellow triangular daymark point up; 30.	
15122 <i>J 5812.54</i>	-Entrance Range, front.	13° 06.5' N 59° 37.7' W	<b>Iso.G.</b> period 2s			Red and yellow stripes.	
15122.1 <i>J 5812.56</i>	--Rear, 195 meters 088° from front.	13° 06.5' N 59° 37.6' W	<b>Oc.G.</b> period 4.5s			Red and yellow stripes.	
15125 <i>J 5812.5</i>	-Bulk Facility.	13° 06.6' N 59° 37.8' W	<b>Fl.G.</b> period 5s	29 9		Red metal mast; 13.	
15125.2 <i>J 5812.6</i>	-Shallow draft jetty, N.	13° 06.5' N 59° 37.6' W	<b>F.R.</b>	18 5		Red mast.	
15125.4 <i>J 5812.65</i>	--S.	13° 06.4' N 59° 37.6' W	<b>F.R.</b>	18 5		Red mast.	
15126 <i>J 5813.8</i>	-Maycocks Bay, jetty, N. head.	13° 17.1' N 59° 39.1' W	<b>Q.R.</b>		3		
15127 <i>J 5813.82</i>	--S. head.	13° 17.0' N 59° 39.1' W	<b>Q.G.</b>		3		
15128 <i>J 5814</i>	-Harrison Point.	13° 18.5' N 59° 38.9' W	<b>F.R.</b>	193 59	3	White stone tower; 85.	
<b>GRENADA:</b>							
15132 <i>J 5827</i>	-Carriacou Island, Jack a Dan.	12° 29.7' N 61° 28.0' W	<b>Fl.G.</b> period 5s	14 4	3		Visible 243°-182°. Occasional.
15136 <i>J 5821.8</i>	-Catholic Island.	12° 39.7' N 61° 24.1' W	<b>Fl.(2)W.</b> period 20s	144 44	8	White pylon; 10.	
15137 <i>J 5821.85</i>	--Jondell.	12° 39.5' N 61° 23.7' W	<b>V.Q.(3)W.</b> period 5s			E. CARDINAL BYB, beacon, topmark.	
15140 <i>J 5819.6</i>	-Petit Canouan Island.	12° 47.5' N 61° 16.8' W	<b>Fl.(4)W.</b> period 40s	252 77	8	White pylon; 30.	
15144 <i>J 5821</i>	-Canouan, Charlestown Bay Range, front.	12° 42.2' N 61° 19.8' W	<b>F.W.</b>	18 5		White concrete tower.	
15148 <i>J 5821.1</i>	--Rear, 450 meters 158°30' from front.	12° 41.9' N 61° 19.7' W	<b>F.W.</b>	165 50		White concrete tower.	
15148.2 <i>J 5820.4</i>	---Grand Bay.	12° 42.5' N 61° 19.9' W	<b>Fl.G.</b> period 4s			PORT (B) G, beacon, topmark.	
15148.4 <i>J 5820.5</i>	---S.	12° 42.4' N 61° 20.1' W	<b>Fl.R.</b> period 4s			STARBOARD (B) R, beacon, topmark.	

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15149 <i>J 5820</i>	-Range, front.	12° 42.8' N 61° 19.6' W	<b>Iso.W.</b> period 4s	46 14	5	White framework tower, black and white square daymark; 30.	Visible on range line only.
15150 <i>J 5820.1</i>	--Rear, 85 meters 060° from front.	12° 42.7' N 61° 19.5' W	<b>Fl.W.</b> period 5s	91 28	5	White framework tower, black and white square daymark; 10.	Visible on range line only.
15150.1 <i>J 5824</i>	-Thompson reef, SW. edge.	12° 35.5' N 61° 24.7' W	<b>Fl.R.</b>			STARBOARD (B) R, beacon, topmark.	
15150.2 <i>J 5824.2</i>	--SE. edge.	12° 35.6' N 61° 24.7' W	<b>Fl.R.</b>			STARBOARD (B) R, beacon, topmark.	
15150.3 <i>J 5825</i>	-Roundabout Reef, SW. edge.	12° 35.6' N 61° 24.3' W	<b>Fl.R.</b>			STARBOARD (B) R, beacon, topmark.	
15150.4 <i>J 5825.2</i>	--W.	12° 35.6' N 61° 25.0' W	<b>Fl.G.</b>			PORT (B) G, beacon, topmark.	
15151 <i>J 5821.3</i>	--Pier, head.	12° 42.2' N 61° 19.8' W	<b>F.W.</b>				
<b>GRENADINE ISLANDS:</b>							
15151.6 <i>J 5822</i>	-Union Island. Clifton Harbor Range, front.	12° 35.7' N 61° 25.0' W	<b>F.W.</b>	13 4		White concrete tower.	Lighted beacons mark reef and shoal.
15151.65 <i>J 5822.1</i>	--Rear, 555 meters 327°30' from front.	12° 36.0' N 61° 25.2' W	<b>F.W.</b>	125 38		White concrete tower.	
15151.7 <i>J 5822.4</i>	-Miss Irene Point.	12° 35.5' N 61° 27.6' W	<b>Fl.(2)W.</b> period 20s	410 125	8	Pylon; 20.	
15151.8 <i>J 5823</i>	-Grand de Coi.	12° 35.1' N 61° 24.7' W	<b>V.Q.(9)W.</b> period 10s			W. CARDINAL YBY, pillar, topmark.	
15152 <i>J 5819.4</i>	-Battowia Island.	12° 57.9' N 61° 07.9' W	<b>Fl.(2)W.</b> period 20s	708 216	8	White pylon; 10.	
15154 <i>J 5819.5</i>	-Mustique, Montezuma Shoal.	12° 52.8' N 61° 12.0' W	<b>Fl.(2)W.</b> period 15s			ISOLATED DANGER BRB, pillar, topmark.	
15156 <i>J 5819.2</i>	-Bequia, Admiralty Bay, root of jetty.	13° 00.7' N 61° 14.2' W	<b>Fl.W.R.G.</b> period 4s	19 6	5	White metal framework tower; 20.	R. 340°-048°, W.-058°, G.-140°.
15158 <i>J 5819.1</i>	--Devils' Table.	13° 00.7' N 61° 15.0' W	<b>V.Q.(9)W.</b> period 10s			W. CARDINAL YBY, pillar, topmark.	
15160 <i>J 5819</i>	--West Cay.	12° 59.4' N 61° 17.4' W	<b>Fl.W.</b> period 10s	42 13	8	White pylon; 20.	
15161 <i>J 5830.3</i>	-Prickly Point.	11° 59.3' N 61° 45.6' W	<b>F.R.</b>			Lighthouse.	Occasional. Private light.
15162 <i>J 5830.5</i>	-Glover Island.	11° 59.1' N 61° 47.3' W	<b>Q.(6)+L.Fl.W.</b> period 15s		7	Mast; 20.	
15164 <i>J 5830.7</i>	-Point Salines.	12° 00.1' N 61° 48.1' W	<b>Q.(9)W.</b> period 15s		7	Hut; 3.	
15174 <i>J 5830.2</i>	<b>-Petit Cabrits.</b>	12° 01.0' N 61° 46.5' W	<b>Fl.(2+1)W.</b> period 15s fl. 0.4s, ec. 2.9s fl. 0.4s, ec. 7.9s fl. 0.4s, ec. 3s	354 108	18	Red pylon.	
15177 <i>J 5834.2</i>	--Range, front.	12° 02.5' N 61° 45.2' W	<b>F.R.</b>	46 14		Pylon, orange rectangular daymark, white stripe.	F.R. lights on radio masts 1.7 miles SW.
15177.1 <i>J 5834.3</i>	---Rear, 28 meters 132° from front.	12° 02.5' N 61° 45.1' W	<b>F.R.</b>	92 28		Pylon, orange rectangular daymark, white stripe.	

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15178 <i>J 5834.4</i>	--Range, front.	12° 03.0' N 61° 44.7' W	<b>F.R.</b>		102 31	Pylon, orange rectangular daymark, white stripe.	
15178.1 <i>J 5834.5</i>	--Rear, 518 meters 068°30' from front.	12° 03.1' N 61° 44.5' W	<b>F.R.</b>		299 91	Framework tower, orange rectangular daymark, white stripe.	
TOBAGO:							
15180 <i>J 5837</i>	<b>-St. Giles Island.</b>	11° 21.4' N 60° 31.0' W	<b>Fl.W.</b> period 7.5s			<b>16</b>	
15182 <i>J 5837.2</i>	-Little Tobago.	11° 17.8' N 60° 29.6' W	<b>Fl.(3)W.</b> period 10s		59 18	5	
15183 <i>J 5837.4</i>	-Smiths Island.	11° 11.0' N 60° 39.0' W	<b>Fl.W.R.</b> period 5s		59 18	W. 7 R. 5	R. 068°-276°, W.-068°.
15184 <i>J 5838</i>	<b>-Scarborough.</b>	11° 10.6' N 60° 43.6' W	<b>Fl.(2)W.</b> period 20s fl. 0.7s, ec. 2.6s fl. 0.7s, ec. 16s		463 141	<b>20</b>	White concrete building, red roof. Visible 258°-090°.
15196 <i>J 5839</i>	--Range, front.	11° 10.9' N 60° 44.4' W	<b>Iso.W.R.G.</b> period 2s		49 15	W. 7 R. 5 G. 5	White framework tower, red top. R. 313°30'-323°30', W.-335°30', G.-345°30'.
15196.1 <i>J 5839.1</i>	--Rear, 244 meters 330°12' from front.	11° 11.0' N 60° 44.5' W	<b>Oc.W.</b> period 5s lt. 3s, ec. 2s		66 20	11	White framework tower, red top.
15197 <i>J 5839.8</i>	--Bulldog Shoal.	11° 08.9' N 60° 44.5' W	<b>V.Q.(6)+L.Fl.W.</b> period 10s			5	S. CARDINAL YB, beacon, topmark.
15197.2 <i>J 5839.9</i>	--No 1.	11° 09.8' N 60° 44.1' W	<b>Fl.G.</b> period 3s			4	Beacon.
15197.4 <i>J 5840.1</i>	--No 2.	11° 09.9' N 60° 43.2' W	<b>Fl.R.</b> period 3s			5	Beacon.
15197.8 <i>J 5840.3</i>	--W.	11° 10.4' N 60° 44.2' W	<b>Fl.G.</b> period 3s			5	Beacon.
15198 <i>J 5840.4</i>	--Breakwater, head.	11° 10.7' N 60° 44.1' W	<b>Q.R.</b>			5	Beacon.
15200 <i>J 5841.5</i>	<b>-Crown Point.</b>	11° 08.9' N 60° 50.7' W	<b>Fl.(4)W.</b> 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		115 35	<b>16</b>	Aluminum framework tower, topmark; 85.
15200.05 <i>J 5841.54</i>	-Milford Bay.	11° 09.3' N 60° 50.4' W	<b>Q.W.R.G.</b>		23 7	W. 5 R. 4 G. 4	R. 073°-083°, W.-128°, G.-138°.
15200.1 <i>J 5841.58</i>	-Booby Point.	11° 11.0' N 60° 48.7' W	<b>Fl.Y.</b> period 3s			4	
15201 <i>J 5841.6</i>	-Courtland Point.	11° 13.3' N 60° 46.8' W	<b>L.Fl.W.</b> period 10s fl. 2s, ec. 8s			8	
15202 <i>J 5841.7</i>	-The Sisters.	11° 20.0' N 60° 38.8' W	<b>Fl.(2)W.</b> period 10s			8	
15202.5 <i>J 5841.8</i>	-Man of War Bay.	11° 19.4' N 60° 32.8' W	<b>Q.W.R.G.</b>		82 25	W. 5 R. 4 G. 4	R. 098°-108°, W.-131°, G.-141°.

Only major coastal and harbor entrance lighted aids are listed for Puerto Rico and the U.S. Virgin Islands. For other lighted aids in this area, see U.S.C.G. Light List Vol. III.

# Section 10

## East Coast of Mexico

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>MEXICO</b>							
15203 <i>J 4229.5</i>	Rio Bravo.	25° 56.8' N 97° 08.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	59 18	10	White round concrete tower; 52.	
15203.1 <i>J 4230</i>	<b>El Mezquital.</b>	25° 15.0' N 97° 26.4' W	<b>Fl.(3)W.</b> period 10s	98 30	18	White truncated pyramidal aluminum tower, four concrete columns; 98.	
15203.15 <i>J 4230.2</i>	-Breakwater.	25° 14.5' N 97° 25.6' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	39 12	7	White cylindrical concrete tower; 23.	
15203.2 <i>J 4229.55</i>	-Canal de Chavez.	25° 52.0' N 97° 10.1' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	38 12	10	White round concrete tower; 33.	
15206 <i>J 4230.4</i>	<b>La Carbonera.</b>	24° 37.7' N 97° 43.1' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	43 13	22	White round concrete tower, red bands; 33.	
15207 <i>J 4230.5</i>	<b>Punta Piedra.</b>	24° 29.2' N 97° 44.5' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	92 28	18	White pyramidal concrete tower; 82.	
15208 <i>J 4231</i>	La Pesca.	23° 46.5' N 97° 44.1' W	<b>Fl.(4)W.</b> period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	59 18	13	White cylindrical concrete tower; 52.	
15209.1 <i>J 4231.5</i>	-N. breakwater.	23° 46.2' N 97° 43.9' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	36 11	9	Cylindrical concrete tower; 23.	
15209.2 <i>J 4231.6</i>	-S. breakwater.	23° 46.0' N 97° 44.1' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	36 11	9	Truncated pyramidal metal tower; 23.	
15211 <i>J 4231.9</i>	Barra del Tordo.	23° 03.5' N 97° 46.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	36 11	7	White truncated pyramidal aluminum tower; 23.	
15212 <i>J 4232</i>	<b>Punta Jerez.</b>	22° 53.6' N 97° 45.8' W	<b>Fl.W.</b> period 6s	72 22	20	White cylindrical concrete tower; 66.	
15213 <i>J 4232.5</i>	Barra de Chavarria.	22° 40.8' N 97° 50.2' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	39 12	7	White round concrete tower; 23.	
ALTAMIRA:							
15214 <i>J 4233</i>	-Altamira.	22° 29.6' N 97° 51.8' W	<b>Fl.W.</b> period 6s	138 42	14	White octagonal concrete tower; 118.	
	-RACON		<b>Z(- - • •)</b>		20		(3 & 10cm).
15214.2 <i>J 4233.2</i>	-S. breakwater.	22° 28.9' N 97° 51.0' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	36 11	9	Truncated pyramidal aluminum tower; 23.	
15214.3 <i>J 4233.25</i>	-N. breakwater.	22° 29.6' N 97° 50.9' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	43 13	9	Truncated pyramidal aluminum tower; 23.	

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<b>MEXICO</b>							
15214.4 <i>J 4233.4</i>	-Range, front.	22° 29.2' N 97° 53.4' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	36 11	15	Truncated pyramidal aluminum tower; 23.	
15214.45 <i>J 4233.41</i>	--Rear, 400 meters 270° from front.	22° 29.2' N 97° 53.5' W	<b>Iso.W.</b> period 2s	56 17	15	Truncated pyramidal tower; 23.	
15214.5 <i>J 4233.5</i>	-S. entrance.	22° 29.1' N 97° 51.5' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	36 11	9	Truncated pyramidal aluminum tower; 23.	
15214.6 <i>J 4233.6</i>	-N. entrance.	22° 29.4' N 97° 51.5' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	36 11	9	Truncated pyramidal aluminum tower; 23.	
15214.7	Canal de Navigation, No. 3.	22° 28.9' N 97° 53.1' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	39 12	7	Truncated pyramidal metal tower; 24.	
15214.8	-No 1.	22° 29.1' N 97° 52.9' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	33 10	7	Metal tower; 22.	
15215 <i>J 4233.62</i>	-No 4.	22° 29.4' N 97° 52.9' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	30 9	7	Truncated pyramidal aluminum tower; 23.	
15215.1 <i>J 4233.63</i>	-No 2.	22° 29.4' N 97° 52.1' W	<b>Fl.R.</b> period 3s fl. 0.5s, ec. 2.5s	33 10	7	Truncated pyramidal aluminum tower; 23.	
15215.5 <i>J 4235</i>	-Arenque to Tierra Range, pipeline, front.	22° 17.2' N 97° 48.2' W	<b>Fl.W.</b> period 3s				
15215.51 <i>J 4235.1</i>	--Rear, 184 meters from front.	22° 17.2' N 97° 48.3' W	<b>Fl.W.</b> period 6s				
15216 <i>J 4234</i>	Rihl Field AVIATION LIGHT.	22° 12.0' N 97° 49.0' W	<b>Al.Fl.W.G.</b> period 5s			Beacon.	
TAMPICO:							
15220 <i>J 4236</i>	-Tampico.	22° 15.8' N 97° 47.7' W	<b>Fl.(3)W.</b> period 6s	141 43	24	White hexagonal metal tower; 131.	Fl.R. and Fl.G. lights mark bridge at Tamos, above Tampico. <b>Radar reflector.</b>
15224 <i>J 4238</i>	-Entrance Range, N. bank of river, front.	22° 15.6' N 97° 48.0' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	62 19	14	Steel post; 62.	
15228 <i>J 4238.1</i>	--Rear, 480 yards 256°30' from front.	22° 15.5' N 97° 48.3' W	<b>Iso.W.</b> period 2s	62 19	15	Steel post; 131.	
15232 <i>J 4240</i>	-N. Breakwater, head.	22° 16.0' N 97° 46.4' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	9	White four-sided concrete tower; 19.	Visible 188°-322°.
	-RACON		<b>Q(- - • -)</b>		20		(3 & 10cm).
15236 <i>J 4241</i>	-S. breakwater, head.	22° 15.8' N 97° 46.5' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	9	White cylindrical concrete tower; 20.	Visible 188°-322°.
15240 <i>J 4241.4</i>	--Root.	22° 15.6' N 97° 47.5' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	33 10	5	Truncated pyramidal aluminum tower; 23.	
15244 <i>J 4242</i>	-Canal de Chijol.	22° 14.7' N 97° 49.2' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	30 9	8	Square concrete tower; 20.	
15248 <i>J 4243</i>	-Arbol Grande.	22° 14.0' N 97° 49.9' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	20 6	8	Square concrete tower; 20.	

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<b>MEXICO</b>							
15252 <i>J 4244</i>	-Colonia del Golfo.	22° 13.9' N 97° 50.0' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	33 10	5	Four-sided concrete tower; 20.	
15256 <i>J 4244.4</i>	-Colonia de la Isleta, on E. bank.	22° 12.9' N 97° 50.2' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	23 7	5	Truncated pyramidal concrete tower; 20.	
15260 <i>J 4245</i>	-Isla Perez.	22° 12.6' N 97° 50.2' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	30 9	5	White truncated pyramidal concrete tower; 20.	
15264 <i>J 4246</i>	-Canal de Pueblo Viejo Range, front.	22° 12.3' N 97° 50.7' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	23 7	5	White truncated pyramidal concrete tower; 20.	
15264.1 <i>J 4246.1</i>	--Rear, 710 yards 110°30' from front.	22° 12.2' N 97° 50.3' W	<b>Iso.W.</b> period 2s	36 11	5	White concrete tower; 30.	
15266 <i>J 4247</i>	La Rivera de Tampico Alto.	22° 06.0' N 97° 46.9' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	30 9	5	Truncated pyramidal metal tower; 16.	
15267.1 <i>J 4247.6</i>	Punta Bustos.	21° 59.3' N 97° 43.5' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	7	White truncated pyramidal concrete tower; 18.	
15276 <i>J 4250</i>	<b>Isla de Lobos.</b>	21° 28.2' N 97° 13.6' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	105 32	20	White truncated conical concrete tower; 98.	
	RACON		<b>O(---)</b>		20		(3 & 10cm).
15280 <i>J 4249</i>	Arrecife La Blanquilla.	21° 32.6' N 97° 16.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	33 10	10	Orange truncated pyramidal concrete tower; 31.	
15284 <i>J 4249.5</i>	Arrecife Medio.	21° 30.9' N 97° 15.2' W	<b>Fl.R.</b> period 3s fl. 1s, ec. 2s	33 10	9	White truncated pyramidal metal tower, orange daymark; 23.	
15288 <i>J 4253</i>	Arrecife Tanguijo.	21° 08.6' N 97° 16.4' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	36 11	10	Orange truncated pyramidal concrete tower; 34.	
15290 <i>J 4253.2</i>	Arrecife Enmedio.	21° 05.0' N 97° 15.5' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	40 12	10	White structure, red bands.	
15292 <i>J 4254</i>	Arrecife Tuxpan, Bajo Centro.	21° 01.5' N 97° 11.7' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	36 11	10	Orange truncated pyramidal concrete tower; 34.	
	RACON		<b>X(-••-)</b>		20		(3 & 10cm).
TUXPAN:							
15296 <i>J 4256</i>	-N. breakwater, head.	20° 58.4' N 97° 18.1' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	8	White round concrete tower, rectangular base; 25.	
15297 <i>J 4256.4</i>	--Root.	20° 58.2' N 97° 18.6' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	5	Round fiberglass tower, orange and white bands; 10.	
15300 <i>J 4257</i>	-S. breakwater, head.	20° 58.2' N 97° 18.1' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	8	White round concrete tower, rectangular base; 25.	

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<b>MEXICO</b>							
15301 <i>J 4257.4</i>	--Root.	20° 58.0' N 97° 18.4' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	5	White round fiberglass tower, orange bands; 11.	
15304 <i>J 4255</i>	<b>-La Barra.</b>	20° 58.4' N 97° 18.5' W	<b>Fl.(4)W.</b> period 7s	79 24	15	White truncated conical concrete tower, hut; 72.	Visible 180°-325°.
15305 <i>J 4258</i>	-S. side, entrance Range, front.	20° 57.8' N 97° 19.1' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	56 17	9	White truncated pyramidal metal tower, orange daymark; 56.	
15306 <i>J 4258.1</i>	--Rear, 270 meters 238° from front.	20° 57.7' N 97° 19.3' W	<b>Iso.W.</b> period 2s	75 23	10	White truncated pyramidal metal tower, orange daymark; 75.	
15307	-La Mata.	20° 58.2' N 97° 19.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	20 6	1	White round fiberglass tower, orange stripes; 18.	
15307.1	-Potrero.	20° 58.6' N 97° 20.5' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	20 6	1	White round fiberglass tower, orange stripes; 20.	
15307.2	-Pipiloya.	21° 01.8' N 97° 21.3' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	3	White round fiberglass tower, orange stripes; 18.	
15308 <i>J 4259</i>	-N. side, Range 1, front.	20° 57.6' N 97° 20.2' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	112 34	10	White truncated pyramidal metal tower, orange daymark; 36.	
15312 <i>J 4259.1</i>	--Rear, 250 meters 255° from front.	20° 57.6' N 97° 20.3' W	<b>Iso.W.</b> period 2s	131 40	10	White truncated pyramidal metal tower, orange daymark; 52.	
15316 <i>J 4259.2</i>	-Range, front.	20° 57.4' N 97° 20.6' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	39 12	8	White truncated pyramidal metal tower, orange daymark; 36.	
15316.1 <i>J 4259.21</i>	--Rear, 95 meters 248° from front.	20° 57.4' N 97° 20.6' W	<b>Iso.W.</b> period 2s	56 17	8	White truncated pyramidal metal tower, orange daymark; 43.	
15317 <i>J 4259.3</i>	Cobos.	20° 56.4' N 97° 21.9' W	<b>Fl.G.</b> period 3s fl. 1s, ec. 2s	43 13	4	Truncated pyramidal tower; 25.	
15318 <i>J 4259.32</i>	Seminario.	20° 56.3' N 97° 22.4' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	49 15	3	Truncated pyramidal tower; 43.	
15331 <i>J 4259.4</i>	Punta Cazones.	20° 46.0' N 97° 12.0' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	49 15	9	White truncated pyramidal metal tower; 36.	
15332 <i>J 4259.5</i>	<b>Barra de Cazones.</b>	20° 43.3' N 97° 12.0' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	85 26	15	White concrete tower, hut; 52.	
15336 <i>J 4260</i>	<b>Tecolutla.</b>	20° 28.5' N 97° 00.2' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	82 25	15	White truncated conical concrete tower; 74.	Visible 149°-301°.
15340 <i>J 4261</i>	-S. breakwater.	20° 29.0' N 97° 00.0' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	6	White truncated pyramidal metal tower, orange daymark; 26.	
15344 <i>J 4261.2</i>	-N. breakwater.	20° 29.0' N 97° 00.0' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	6	White truncated pyramidal metal tower, orange daymark; 26.	
15348 <i>J 4262</i>	Rio Nautla.	20° 14.1' N 96° 47.4' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	98 30	12	White cylindrical concrete tower, hut; 72.	Visible 150°-300°.
15352 <i>J 4266</i>	<b>Punta Delgada.</b>	19° 51.4' N 96° 27.7' W	<b>Fl.(3)W.</b> period 25s	151 46	18	White cylindrical concrete tower; 72.	

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<b>MEXICO</b>							
15354 J 4268	Chachalacas.	19° 24.7' N 96° 19.5' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	30 9	7	White fiberglass tower; 16.	
VERACRUZ:							
15356 J 4271	-La Galleguilla.	19° 13.9' N 96° 07.3' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	36 11	7	White cylindrical concrete tower; 30.	
15356.1 J 4271.5	--N. extremity.	19° 14.1' N 96° 07.5' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	16 5	5	Steel pipe.	
15360 J 4270	-Arrecife Blanquilla.	19° 13.7' N 96° 06.1' W	<b>Fl.(4)R.</b> period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	49 15	6	Red truncated conical concrete tower, white bands; 46.	
15364 J 4270.2	-Arrecife La Blanquilla, S. side of reef.	19° 13.4' N 96° 05.9' W	<b>Fl.(2)R.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	46 14	6	Red cylindrical concrete tower; 46.	
15368 J 4272	-Anegada de Adentro, NW. extremity.	19° 13.8' N 96° 03.7' W	<b>Fl.(3)G.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	36 11	6	Green cylindrical concrete tower; 30.	
15368.1 J 4273	--SE. extremity.	19° 13.3' N 96° 03.0' W	<b>Fl.Y.</b> period 2s fl. 0.5s, ec. 1.5s	16 5	5	Steel pipe.	
15372 J 4274	-Isla Verde.	19° 11.9' N 96° 04.1' W	<b>Fl.(4)W.</b> period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	26 8	6	Red truncated conical concrete tower; 20.	
15372.2 J 4273.5	--NW. reef.	19° 12.4' N 96° 04.3' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	17 5	6	Metal post; 17.	
15376 J 4276	-Arrecife Pajaros.	19° 11.7' N 96° 05.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	20 6	5	White truncated conical concrete tower; 20.	
15376.1 J 4275	--SE. extremity.	19° 11.1' N 96° 05.0' W	<b>Fl.Y.</b> period 2s fl. 0.5s, ec. 1.5s	16 5	5	Steel pipe.	
15380 J 4278	<b>-Isla de Sacrificios.</b>	19° 10.5' N 96° 05.5' W	<b>Fl.W.R.G.</b> period 15s	128 39	22	White cylindrical concrete tower, black bands; 128.	R. 134°-157°, W.-163°, G.-187°, W.-195°, R.-238°.
	-RACON		<b>Z(- - • •)</b>		25		(3 & 10cm).
15380.2 J 4277	--N. reef.	19° 11.0' N 96° 05.7' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	17 5	5	Steel post.	
15382 J 4279	-Bajo de Hornos.	19° 11.3' N 96° 07.1' W	<b>Fl.R.</b> period 3s fl. 0.5s, ec. 2.5s	16 5	4	Red round concrete tower; 13.	
15382.2 J 4279.55	--Hornos 1.	19° 11.3' N 96° 07.3' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	10 3	3	White round concrete tower; 8.	

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<b>MEXICO</b>							
15382.5 <i>J 4279.7</i>	--Arrecife Hornos.	19° 11.5' N 96° 07.4' W	<b>Iso.W.</b> period 2s	13 4	3	Green round concrete tower; 11.	
15384 <i>J 4284</i>	-NE. breakwater, head.	19° 12.2' N 96° 07.2' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	39 12	8	Red truncated pyramidal concrete tower; 23.	
15388 <i>J 4282</i>	-SE. breakwater, head.	19° 12.0' N 96° 07.3' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	8	Green truncated pyramidal concrete tower; 23.	
15392 <i>J 4286</i>	-Entrance range, front.	19° 12.1' N 96° 07.6' W	<b>Fl.W.</b> period 3s	49 15	8	White concrete tower; 39.	
15392.1 <i>J 4286.1</i>	--Rear, 1050 meters 263°14' from front.	19° 12.0' N 96° 08.2' W	<b>Iso.W.</b> period 2s	102 31	10	Pedestal, building.	
15392.5 <i>J 4286.4</i>	-Muro de Pescadores.	19° 12.0' N 96° 07.7' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	33 10	3	Round metal tower; 26.	
15392.6 <i>J 4286.41</i>	-Old aquarium.	19° 11.6' N 96° 07.4' W	<b>Iso.W.</b> period 2s	39 12	5	Aluminum tower; 39.	
15393 <i>J 4298</i>	-Pilot pier, N. side.	19° 12.2' N 96° 07.9' W	<b>Iso.G.</b> period 2s	16 5	3	White concrete tower; 8.	
15394 <i>J 4298.1</i>	--S. side.	19° 12.1' N 96° 07.9' W	<b>Iso.G.</b> period 2s	16 5	3	White concrete tower; 8.	
15395 <i>J 4286.31</i>	-Inner harbor.	19° 12.2' N 96° 08.3' W	<b>Iso.W.</b> period 2s	121 37	7	Metal tower; 121.	
15395.5 <i>J 4299.6</i>	-Muelle en Espigon, SE. corner.	19° 12.7' N 96° 08.2' W	<b>Iso.R.</b> period 2s	13 4	2	Red concrete tower; 5.	
15395.6 <i>J 4299.5</i>	--SW. corner.	19° 12.7' N 96° 08.2' W	<b>Iso.G.</b> period 2s	13 4	2	Green concrete tower; 5.	
15396 <i>J 4297</i>	-Muelle de Pemex, E.	19° 12.3' N 96° 07.4' W	<b>Iso.R.</b> period 2s	16 5	3	White concrete tower; 8.	
15397 <i>J 4297.2</i>	--W.	19° 12.3' N 96° 07.4' W	<b>Iso.G.</b> period 2s	16 5	3	White concrete tower; 8.	
15406 <i>J 4300</i>	-Rio Jamapa, N. breakwater.	19° 06.3' N 96° 05.8' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	39 12	7	Red cylindrical concrete tower; 30.	
15407 <i>J 4300.5</i>	--S. breakwater.	19° 06.1' N 96° 05.9' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	30 9	7	Green triangular concrete tower; 23.	
<b>ANTON LIZARDO ANCHORAGE:</b>							
15408 <i>J 4310</i>	-Blanca Reef.	19° 05.2' N 96° 00.0' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 10	7	White truncated pyramidal concrete tower; 30.	
15412 <i>J 4308</i>	-El Giote Reef.	19° 04.0' N 95° 59.9' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	30 9	7	Red four-sided concrete tower; 23.	
15415 <i>J 4311</i>	-Arrecife Chopas.	19° 05.8' N 95° 59.5' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	17 5	6	Metal post; 17.	
15418 <i>J 4312</i>	-Polo.	19° 06.6' N 95° 59.5' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	16 5	6	Round white column; 17.	

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<b>MEXICO</b>							
15420 J 4314	-Isla de Enmedio.	19° 06.1' N 95° 56.3' W	<b>Fl.(3)W.R.G.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	46 14	W. 10 R. 8 G. 7	Truncated conical concrete tower, dwelling; 46.	W. 147°-220°, R.-260°, W.-268°, G.-299°, W.-327°, R.-032°, W.-057°, R.-147°.
15420.2 J 4313	--N. reef.	19° 07.2' N 95° 56.7' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	17 5	6	Metal post; 17.	
15424 J 4316	-Arrecife el Rizo, S. head.	19° 03.4' N 95° 55.2' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	39 12	7	Red rectangular concrete tower; 33.	
15424.2 J 4315.5	--NW. head.	19° 04.4' N 95° 56.0' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	17 5	6	Steel post.	
15428 J 4317	-Arrecife de Cabezo, N. head.	19° 05.7' N 95° 51.7' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	30 9	7	White four-sided concrete tower; 23.	
15432 J 4317.2	--S. head.	19° 03.3' N 95° 49.5' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	26 8	7	Red four-sided concrete tower; 23.	
15436 J 4318	<b>Arrecife Santiaguillo.</b>	19° 08.6' N 95° 48.5' W	<b>Fl.(2)W.R.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	105 32	22	Red cylindrical concrete tower, white band; 105.	R. 002°-056°, W.-084°, R.-126°, W.-002°.
	RACON		<b>O(---)</b>		25		(3 & 10cm).
15437 J 4317.6	-Anegadilla.	19° 08.2' N 95° 47.7' W	<b>Fl.W.</b> period 2s fl. 0.5s, ec. 1.5s	16 5	5	Steel pipe.	
15439 J 4318.5	-Topatillo.	19° 08.4' N 95° 50.1' W	<b>Fl.Y.</b> period 2s fl. 0.5s, ec. 1.5s	16 5	5	Steel post.	
15440 J 4319	Anegada de Afuera, on NW. point of reef.	19° 10.3' N 95° 52.2' W	<b>Fl.(4)W.</b> period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 10	8	White cylindrical concrete tower; 39.	
15444 J 4324	Alvarado.	18° 47.0' N 95° 44.7' W	<b>Fl.(3)G.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	125 38	12	White cylindrical concrete tower, red band, dwelling; 26.	Visible 136°-274°.
15445 J 4325	-E. breakwater.	18° 47.4' N 95° 44.5' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	30 9	8	Green aluminum tower; 23.	
15446 J 4325.5	-W. breakwater.	18° 47.7' N 95° 45.0' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	30 9	8	Red aluminum framework tower; 23.	
15452 J 4326	-E. Fortin (Punta Alvarado).	18° 46.2' N 95° 45.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	30 9	8	Four-sided concrete tower; 23.	
15454	-Inner breakwater 1.	18° 46.6' N 95° 44.9' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s		8	Red post; 23.	
15454.5	--2.	18° 46.4' N 95° 45.0' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s		8	Red post; 23.	

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<b>MEXICO</b>							
15456 J 4330	Roca Partida.	18° 42.3' N 95° 11.3' W	<b>Fl.(4)W.</b> period 18s	328 100	13	White four-sided concrete tower, red bands; 43.	
15460 J 4332	Punta Zapotitlan.	18° 31.5' N 94° 48.1' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	98 30	9	Cylindrical concrete tower; 92.	
COATZACOALCOS:							
15464 J 4336	<b>-Cerro del Gavilan.</b>	18° 09.0' N 94° 24.0' W	<b>Fl.(2)W.</b> period 18s	197 60	20	White prismatic octagonal masonry tower; 69.	
15468 J 4339	-Range, front, E. side of river.	18° 08.1' N 94° 24.2' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	108 33	9	White truncated pyramidal metal tower, orange bands; 108.	
15472 J 4339.1	--Rear, 290 meters 162° from front.	18° 08.0' N 94° 24.2' W	<b>Iso.W.</b> period 2s	174 53	9	White truncated pyramidal metal tower, orange bands; 167.	
15476 J 4338	-E. breakwater, head.	18° 09.9' N 94° 24.7' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	79 24	9	White cylindrical concrete tower, red bands; 66.	
15480 J 4337	-W. breakwater, head.	18° 09.9' N 94° 24.9' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	79 24	9	White cylindrical concrete tower, red bands; 66.	
15484 J 4340	-Darsena de Pajaritos Range, front.	18° 07.3' N 94° 24.3' W	<b>Iso.W.</b> period 2s	33 10	8	Post; 30.	
15488 J 4340.1	--Rear, 200 meters 180° from front.	18° 07.1' N 94° 24.3' W	<b>Iso.W.</b> period 2s	39 12	8	Structure; 33.	
15489.3 J 4341.8	--Basin, E.	18° 07.9' N 94° 24.2' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	16 5	6	Round metal tower; 3.	
15489.4 J 4341.82	---W.	18° 07.9' N 94° 24.3' W	<b>Fl.R.</b> period 3s fl. 0.5s, ec. 2.5s	16 5	6	Round metal tower; 3.	
15492 J 4348	Tonala.	18° 12.7' N 94° 08.0' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	89 27	13	Red four-sided masonry tower, white bands; 56.	
15496 J 4352	Tupilco.	18° 25.0' N 93° 26.3' W	<b>Fl.(4)W.</b> period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	79 24	10	White cylindrical concrete tower; 75.	
15500 J 4353	Chiltepec, at river entrance.	18° 26.4' N 93° 05.8' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	49 15	10	White cylindrical concrete tower; 43.	
15504 J 4354	<b>Frontera.</b>	18° 36.8' N 92° 41.3' W	<b>Fl.W.</b> period 6s	98 30	15	White metal tower, eight columns, red bands; 98.	Visible 045°-245°.
15505 J 4355.5	-E. breakwater.	18° 37.1' N 92° 41.2' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	5	White concrete tower; 16.	
15505.5 J 4356.2	-Isla Azteca.	18° 36.1' N 92° 41.7' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	16 5	5	Red cylindrical metal tower; 16.	
15506 J 4358.6	Rio San Pedro, W. side of river.	18° 39.0' N 92° 28.0' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	30 9	6	Red round tower; 23.	

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<b>MEXICO</b>							
15506.5 <i>J 4358.3</i>	-E. side of river.	18° 39.1' N 92° 28.0' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	30 9	5	Green cylindrical concrete tower; 30.	
15507 <i>J 4358.7</i>	-Channel.	18° 38.7' N 92° 27.9' W	<b>Iso.W.</b> period 2s	46 14	8	Truncated pyramidal aluminum tower, daymark; 46.	
15508 <i>J 4358.9</i>	Emiliano Zapata.	18° 40.3' N 92° 18.7' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	36 11	10	Truncated pyramidal aluminum tower; 36.	
15510 <i>J 4358.95</i>	Campo Pesquero.	18° 41.0' N 92° 13.2' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	39 12	10	White cylindrical concrete tower; 36.	
15511	Darsena de Atasta.	18° 42.0' N 92° 05.3' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	39 12	10	Truncated pyramidal aluminum tower; 36.	
15512 <i>J 4372</i>	Xicalango Range, front.	18° 37.8' N 91° 54.0' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	43 13	10	Truncated pyramidal metal tower; 39.	
15516 <i>J 4372.1</i>	-Rear, 185 meters 180° from front.	18° 37.6' N 91° 54.0' W	<b>Fl.W.</b> period 6s	105 32	18	White truncated conical masonry tower, red bands; 92.	
15517 <i>J 4372.7</i>	Laguna Azul fishing harbor, W. breakwater.	18° 37.9' N 91° 49.9' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	4	Green round metal tower; 13.	
15517.5 <i>J 4372.8</i>	-E. breakwater.	18° 37.9' N 91° 49.9' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	4	Red round metal tower; 13.	
15518 <i>J 4373</i>	Government pier, head.	18° 38.2' N 91° 50.2' W	<b>Iso.G.</b> period 2s	26 8	4	Red round concrete tower; 16.	
15519 <i>J 4373.05</i>	-S. side.	18° 38.2' N 91° 50.2' W	<b>Iso.R.</b> period 2s	26 8	4	Green round concrete tower; 16.	
15520 <i>J 4374</i>	Punta Atalaya.	18° 38.7' N 91° 50.6' W	<b>Fl.(3)W.R.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	69 21	12	White truncated conical masonry tower, red cupola; 75.	R. 086°-113°, W.-086°.
15528 <i>J 4378</i>	Laguna de Terminos, Tio Campo, S. head.	18° 30.7' N 91° 47.2' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	33 10	10	Truncated conical tower; 30.	
15532 <i>J 4385</i>	-Boca de los Pargos.	18° 37.5' N 91° 17.2' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	46 14	10	White concrete tower; 36.	
15536 <i>J 4384</i>	Isla Aguada, on Punta del Tigre, entrance Range, front.	18° 47.3' N 91° 29.7' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	56 17	8	White cylindrical concrete tower; 26.	
15540 <i>J 4384.1</i>	-Rear, 400 meters 151° from front.	18° 47.0' N 91° 29.5' W	<b>Fl.(4)W.</b> period 12s	75 23	18	White concrete tower; 66.	
15544 <i>J 4386</i>	Sabancuy.	19° 00.0' N 91° 11.0' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	69 21	10	Aluminum tower; 66.	
15544.3 <i>J 4386.3</i>	-SW. jetty.	18° 59.7' N 91° 11.1' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	4	Green cylindrical steel tower; 23.	
15544.6 <i>J 4386.2</i>	-NE. jetty.	18° 59.8' N 91° 11.1' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	4	Red cylindrical steel tower; 23.	

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<b>MEXICO</b>							
15548 <i>J 4388</i>	Rio Champoton.	19° 21.6' N 90° 43.3' W	<b>Fl.W.</b> period 5s	82 25	12	White four-sided concrete tower; 72.	Visible 045°-180°.
15552 <i>J 4392</i>	<b>Punta Morro.</b>	19° 40.5' N 90° 42.1' W	<b>Fl.(3)W.</b> period 6s	177 54	18	White octagonal concrete tower; 52.	Visible 000°-197°.
15553	Seybaplaya Range, front.	19° 39.3' N 90° 42.4' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	26 8	5	Round metal tower; 20.	
15553.5	-Rear, 26 meters 021°14' from front.	19° 39.3' N 90° 42.4' W	<b>Iso.W.</b> period 2s	39 12	6	Round metal tower; 33.	
15554 <i>J 4390</i>	-Wharf, No 1.	19° 39.1' N 90° 42.4' W	<b>Iso.G.</b> period 2s	20 6	4	Red cylindrical concrete tower; 13.	
15554.1 <i>J 4390.5</i>	--No 2.	19° 39.1' N 90° 42.5' W	<b>Iso.G.</b> period 2s	20 6	4	Green cylindrical concrete tower; 13.	
15554.2	--No 3.	19° 39.1' N 90° 42.6' W	<b>Iso.W.</b> period 2s	20 6	4	White cylindrical concrete tower; 13.	
15556 <i>J 4396</i>	Lerma Range, front.	19° 48.4' N 90° 36.0' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	52 16	10	Truncated pyramidal aluminum tower; 49.	
15560 <i>J 4396.1</i>	-Rear, 190 meters 139° from front.	19° 48.3' N 90° 36.0' W	<b>Iso.W.</b> period 2s	85 26	10	Truncated pyramidal aluminum tower; 13.	
15561.5	-Kila, No 2.	19° 47.9' N 90° 36.8' W	<b>Iso.G.</b> period 2s	30 9	4	Green round metal tower; 20.	
15562.1 <i>J 4397.2</i>	-Fishing pier, No 2.	19° 48.8' N 90° 35.9' W	<b>Iso.G.</b> period 2s	20 6	4	Cylindrical concrete tower; 13.	
15562.2 <i>J 4397</i>	--No 1.	19° 48.8' N 90° 35.9' W	<b>Iso.R.</b> period 2s	20 6	4	Cylindrical concrete tower; 13.	
15562.25 <i>J 4395</i>	-Breton pier, No 1.	19° 49.0' N 90° 35.6' W	<b>Iso.W.</b> period 2s	30 9	6	White cylindrical concrete tower; 20.	
15562.3 <i>J 4395.3</i>	--No 3.	19° 49.0' N 90° 35.6' W	<b>Iso.R.</b> period 2s	30 9	6	Red cylindrical concrete tower; 20.	
15562.4 <i>J 4395.2</i>	--No 2.	19° 49.0' N 90° 35.6' W	<b>Iso.G.</b> period 2s	30 9	6	Green cylindrical concrete tower; 20.	
15564 <i>J 4400</i>	<b>San Bartolo Hill.</b>	19° 49.0' N 90° 35.0' W	<b>Fl.(3)W.</b> period 12s	256 78	18	White four-sided concrete tower; 39.	
15565	San Francisco Pier, No 1.	19° 51.8' N 90° 31.9' W	<b>Iso.R.</b> period 2s	20 6	4	Red round metal tower; 20.	
15565.1	-No 2.	19° 51.8' N 90° 31.9' W	<b>Iso.G.</b> period 2s	20 6	4	Green round metal tower; 20.	
15565.2	-No 3.	19° 52.0' N 90° 31.7' W	<b>Iso.W.</b> period 2s	20 6	4	White round metal tower; 20.	
15566	-Cayo Arcas Oil Terminal.	20° 11.1' N 91° 59.5' W	<b>Fl.Y.</b> period 2s fl. 0.5s, ec. 1.5s	125 38	12		On petroleum transfer structure.
15566.5	-RACON, Platform Eco-1.	19° 01.8' N 92° 01.1' W	<b>Q(- - • -)</b>	262 80	18	Metal structure.	(3 & 10cm).
15567	-RACON, Platform Akal-C.	19° 23.9' N 92° 02.3' W	<b>Y(- • - -)</b>	262 80	18	Complex compound, seven platforms.	(3 & 10cm).
15570.5	-RACON, Platform Pr-1 Rebombeo.	18° 56.7' N 92° 37.2' W	<b>O(- - -)</b>	262 80	12	Complex compound.	
15571 <i>J 4358</i>	Cayos Arcas, W. side of Cay del Centro Range, front.	20° 12.9' N 91° 58.1' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	43 13	10	Truncated pyramidal metal tower.	

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<b>MEXICO</b>							
15572 <i>J 4358.1</i>	-Rear, 80 meters 107° from front.	20° 12.3' N 91° 57.7' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	72 22	10	White cylindrical concrete tower; 66.	
15576 <i>J 4364</i>	Isla Triangulos Oeste.	20° 58.4' N 92° 18.2' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	79 24	10	Red rectangular concrete tower; 72.	
15580 <i>J 4368</i>	Cayo Arenas.	22° 07.1' N 91° 23.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	79 24	10	White four-sided concrete tower; 66.	
	RACON		<b>X(- • • -)</b>		20		(3 & 10cm).
15584 <i>J 4403</i>	Isla Arena.	20° 37.6' N 90° 28.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	46 14	10	White cylindrical concrete tower; 33.	
15585 <i>J 4403.1</i>	-Beacon No 1.	20° 41.3' N 90° 27.3' W	<b>Iso.G.</b> period 2s	16 5	4	Green round metal tower; 13.	
15585.5	--No 2.	20° 41.3' N 90° 27.3' W	<b>Iso.R.</b> period 2s	16 5	4	Red round metal tower; 13.	
15588 <i>J 4404</i>	Celestun.	20° 51.6' N 90° 24.0' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	69 21	12	White cylindrical concrete tower; 39.	Visible 002°-188°.
15588.1 <i>J 4404.5</i>	-N. breakwater.	20° 51.0' N 90° 53.0' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	7	White cylindrical concrete tower; 26.	
15588.2 <i>J 4404.4</i>	-S. breakwater.	20° 51.0' N 90° 53.0' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	7	White cylindrical concrete tower; 26.	
15588.3 <i>J 4404.2</i>	-Celestun Range, front.	20° 51.0' N 90° 23.0' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	46 14	9	Truncated pyramidal metal tower; 43.	
15588.4 <i>J 4404.2</i>	--Rear.	20° 51.0' N 90° 23.0' W	<b>Iso.W.</b> period 2s	59 18	9	Truncated pyramidal metal tower; 56.	
15592 <i>J 4406</i>	<b>Punta Palmas.</b>	21° 03.7' N 90° 15.1' W	<b>Fl.(2)W.</b> period 10s	138 42	20	White cylindrical concrete tower; 128.	Visible 048°-236°.
	RACON		<b>Q(- - • -)</b>		25		(3 & 10cm).
15596 <i>J 4414</i>	<b>Isla Perez.</b>	22° 23.0' N 89° 41.0' W	<b>Fl.(2)W.</b> period 8s	69 21	20	White cylindrical concrete tower, red bands; 59.	
	RACON		<b>Z(- - • •)</b>		25		(3 & 10cm).
15598	Isla Pajaros.	22° 22.2' N 89° 39.5' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	26 8	5	Truncated pyramidal aluminum tower; 24.	
15600 <i>J 4412</i>	Isla Desterreda.	22° 31.3' N 89° 46.4' W	<b>Fl.(4)W.</b> period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	46 14	10	Truncated pyramidal aluminum tower; 26.	
15604 <i>J 4409</i>	Sisal, on old white fort.	21° 09.7' N 90° 02.0' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	43 13	12	White cylindrical concrete tower, red bands.	

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<b>MEXICO</b>							
15610 <i>J 4410</i>	Chuburna, W. breakwater.	21° 15.3' N 89° 50.0' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	7	Cylindrical concrete tower; 23.	
15611 <i>J 4410.5</i>	-E. breakwater.	21° 15.3' N 89° 50.0' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	7	Cylindrical concrete tower; 23.	
15617 <i>J 4411</i>	Puerto de Yukalpeten Range, front.	21° 16.2' N 89° 42.1' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	46 14	9	Red truncated pyramidal metal tower; 39.	
15617.1 <i>J 4411.1</i>	-Rear, 195 meters 169° from front.	21° 16.2' N 89° 42.0' W	<b>Iso.W.</b> period 2s	59 18	9	Red truncated pyramidal metal tower; 52.	
15618 <i>J 4411.3</i>	-Jetty, E. side.	21° 17.1' N 89° 42.2' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	39 12	7	Red truncated pyramidal metal tower; 24.	
15619 <i>J 4411.5</i>	--W. side.	21° 16.9' N 89° 42.2' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	39 12	7	Red truncated pyramidal metal tower; 24.	
PROGRESO:							
15620 <i>J 4416</i>	-Progreso.	21° 17.1' N 89° 39.8' W	<b>Fl.W.</b> period 6s	108 33	20	White truncated conical masonry tower; 108.	Visible 066°-250°.
15623.01 <i>J 4416.5</i>	-Muelle Fiscal, No 1.	21° 18.3' N 89° 40.0' W	<b>Iso.R.</b> period 2s	36 11	7	White cylindrical concrete tower, red bands; 23.	
15623.02 <i>J 4416.55</i>	--No 2.	21° 18.9' N 89° 40.1' W	<b>Iso.R.</b> period 2s	36 11	7	White cylindrical concrete tower, red bands; 23.	
15623.03 <i>J 4416.6</i>	--No 3.	21° 19.8' N 89° 40.1' W	<b>Iso.G.</b> period 2s	36 11	7	White cylindrical concrete tower, red bands; 23.	
15623.04 <i>J 4416.65</i>	--No 4.	21° 20.2' N 89° 40.2' W	<b>Iso.R.</b> period 2s	36 11	7	White cylindrical concrete tower, red bands; 23.	
15623.05 <i>J 4417.01</i>	--No 5.	21° 20.7' N 89° 40.3' W	<b>Fl.(2)R.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	36 11	7	White cylindrical concrete tower, red bands; 26.	
15623.06 <i>J 4417.02</i>	--No 6.	21° 20.8' N 89° 40.4' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	7	White cylindrical concrete tower, red bands; 26.	
15623.07 <i>J 4417.03</i>	--No 7.	21° 20.9' N 89° 40.5' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	7	White cylindrical concrete tower, green bands; 26.	
15623.08 <i>J 4417.04</i>	--No 8.	21° 20.9' N 89° 40.9' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	7	White cylindrical concrete tower, green bands; 26.	
15623.09 <i>J 4417.05</i>	--No 9.	21° 20.8' N 89° 41.1' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	7	White cylindrical concrete tower, green bands; 26.	
15623.1 <i>J 4417.07</i>	--No 10.	21° 20.7' N 89° 40.9' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	7	Green cylindrical concrete tower; 26.	
15625 <i>J 4417.082</i>	--Corner between berths 5 and 6.	21° 20.7' N 89° 40.6' W	<b>F.R.</b>	10 3	2		
15627 <i>J 4417.09</i>	-Cruise wharf, N. side.	21° 20.5' N 89° 40.6' W	<b>Iso.G.</b> period 2s	20 6	5	Green cylindrical concrete tower; 20.	
15627.1 <i>J 4417.1</i>	--S. side.	21° 20.5' N 89° 40.5' W	<b>Iso.R.</b> period 2s	20 6	5	Green cylindrical concrete tower; 20.	

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<b>MEXICO</b>							
15629 <i>J 4416.15</i>	-Range, front.	21° 20.5' N 89° 41.3' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	52 16	6	Truncated pyramidal aluminum tower; 39.	
15629.1 <i>J 4416.16</i>	--Rear, 4500 meters 355° from front.	21° 18.0' N 89° 41.3' W	<b>Iso.W.</b> period 2s	92 28	10	Truncated pyramidal aluminum tower; 79.	
15630 <i>J 4416.1</i>	-Tank.	21° 16.8' N 89° 39.7' W	<b>F.R.</b>	79 24	<b>15</b>		
15632 <i>J 4418</i>	Telchac.	21° 19.8' N 89° 15.1' W	<b>Fl.(3)W.</b> period 8s	39 12	12	White cylindrical tower; 39.	
15632.1 <i>J 4418.4</i>	-Breakwater, W. side.	21° 20.0' N 89° 16.0' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	30 9	7	Cylindrical concrete tower; 23.	
15632.2 <i>J 4418.3</i>	--E. side.	21° 20.0' N 89° 16.0' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	30 9	7	Cylindrical concrete tower; 23.	
15632.3 <i>J 4418.2</i>	-Telchac Range, front.	21° 20.0' N 89° 16.0' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	30 9	7	Rectangular concrete tower; 20.	
15632.4 <i>J 4418.21</i>	--Rear.	21° 19.5' N 89° 16.0' W	<b>Iso.W.</b> period 2s	36 11	7	Rectangular concrete tower; 26.	
15634 <i>J 4418.7</i>	Chabihau, E. breakwater.	21° 21.2' N 89° 10.0' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	7	Cylindrical concrete tower; 23.	
15635 <i>J 4409.6</i>	Sisal, W. breakwater.	21° 10.0' N 89° 04.0' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	8	Cylindrical concrete tower; 23.	
15635.5 <i>J 4409.4</i>	-E. breakwater.	21° 10.0' N 89° 04.0' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	8	Cylindrical concrete tower; 23.	
15636 <i>J 4419</i>	Dzilam de Bravo.	21° 21.9' N 88° 54.7' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	59 18	10	White cylindrical concrete tower; 33.	
15636.1 <i>J 4419.4</i>	-Breakwater, W. side.	21° 22.2' N 88° 53.6' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	39 12	7	Truncated pyramidal aluminum tower; 23.	
15636.2 <i>J 4419.3</i>	--E. side.	21° 22.2' N 88° 53.3' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	39 12	7	Truncated pyramidal aluminum tower; 23.	
15636.3 <i>J 4419.2</i>	-Dzilam de Bravo Range, front.	21° 21.9' N 88° 53.6' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	46 14	8	Truncated pyramidal aluminum tower; 39.	
15636.4 <i>J 4419.21</i>	--Rear.	21° 21.9' N 88° 53.6' W	<b>Iso.W.</b> period 2s	59 18	9	Cylindrical concrete tower; 52.	
15640 <i>J 4420</i>	Yalkubul.	21° 31.3' N 88° 36.6' W	<b>Fl.(4)W.</b> period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	69 21	10	White cylindrical concrete tower, red bands; 66.	Visible 057°-251°.
15644 <i>J 4421</i>	<b>Rio Lagartos.</b>	21° 36.1' N 88° 12.4' W	<b>Fl.(2)W.</b> period 10s	72 22	<b>16</b>	White four-sided concrete tower; 66.	
15644.1 <i>J 4421.5</i>	-Breakwater, W. side.	21° 40.0' N 88° 12.0' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	39 12	7	Truncated pyramidal tower; 23.	
15644.2 <i>J 4421.6</i>	--E. side.	21° 40.0' N 88° 12.0' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	39 12	7	Truncated pyramidal metal tower; 23.	

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<b>MEXICO</b>							
15645 J 4421.9	Coloradas.	21° 36.6' N 87° 59.5' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	43 13	10	Truncated pyramidal aluminum tower; 39.	
15648 J 4422	Monte de Cuyo, summit.	21° 31.0' N 87° 41.1' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	82 25	14	Red cylindrical concrete tower; 23.	Visible 100°-273°.
15649 J 4422.8	-Breakwater, W. side.	21° 30.0' N 87° 42.0' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	6	Cylindrical concrete tower; 23.	
15649.1 J 4422.7	--E. side.	21° 30.0' N 87° 42.0' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	6	Cylindrical concrete tower; 23.	
15650 J 4422.5	-El Cuyo Range, front.	21° 30.9' N 87° 41.9' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	36 11	9	Cylindrical concrete tower; 23.	
15650.1 J 4422.51	--Rear.	21° 30.9' N 87° 41.3' W	<b>Iso.W.</b> period 2s	43 13	9	Cylindrical concrete tower; 46.	
15652 J 4426	Punta Francisca, (Mosquito).	21° 32.2' N 87° 18.1' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	36 11	10	Truncated pyramidal aluminum tower; 30.	
15656 J 4427	Isla Holbox, W. head.	21° 32.1' N 87° 18.1' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	36 11	10	Truncated pyramidal aluminum tower; 30.	
15657 J 4427.3	-Holbox Range, front.	21° 33.0' N 87° 18.0' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	43 13	6	Truncated pyramidal steel tower; 36.	
15657.1 J 4427.31	--Rear.	21° 33.0' N 87° 18.0' W	<b>Iso.W.</b> period 2s	59 18	8	Truncated pyramidal steel tower; 52.	
15661 J 4424.5	-Chiquila Range, front.	21° 26.0' N 87° 17.0' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	13 4	4	Truncated pyramidal aluminum tower; 10.	
15661.1 J 4424.51	--Rear.	21° 25.0' N 87° 17.0' W	<b>Iso.W.</b> period 2s	46 14	4	Truncated pyramidal aluminum tower; 23.	
15664 J 4428	<b>Cabo Catoche.</b>	21° 36.3' N 87° 06.1' W	<b>Fl.(4)W.</b> period 20s	49 15	25	White square masonry tower, red band; 49.	Visible 080°-285°.
	RACON		<b>K(- • -)</b>		15		
15668 J 4430	<b>Isla Contoy.</b>	21° 31.6' N 86° 48.3' W	<b>Fl.W.</b> period 7s	105 32	21	White cylindrical masonry tower; 105.	Visible 010°-350°.
	RACON		<b>T(-)</b>		25		(3 & 10cm).
15669 J 4430.5	Arrecife El Dormitorio.	21° 22.4' N 86° 46.6' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	23 7	8	Black metal tower, red bands; 20.	
15670 J 4431	Arrecife El Cabezo.	21° 19.2' N 86° 46.5' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	3	Truncated pyramidal aluminum tower; 20.	
15672 J 4432	Isla Mujeres, S. extremity.	21° 12.2' N 86° 42.8' W	<b>Fl.(4)W.</b> period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	75 23	14	White octagonal concrete tower; 36.	Visible 150°-131°.

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<b>MEXICO</b>							
15676 <i>J 4433</i>	-Roca La Carbonera.	21° 14.8' N 86° 45.4' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	20 6	6	White square concrete tower; 16.	
15680 <i>J 4433.1</i>	-Punta Norte.	21° 15.8' N 86° 44.9' W	<b>Fl.(2)W.</b> period 10s	62 19	13	White cylindrical concrete tower; 52	
15684 <i>J 4431.5</i>	-Roca El Yunque.	21° 16.1' N 86° 45.0' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	16 5	4	Square concrete and aluminum tower; 13.	
15688 <i>J 4435</i>	Roca de La Bandera (Becket Rock).	21° 10.0' N 86° 43.7' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	13 4	5	Red cylindrical concrete tower, black bands; 20.	Visible 306°-077°.
15692 <i>J 4436</i>	El Meco Range, front.	21° 12.8' N 86° 48.1' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	26 8	6	White truncated pyramidal concrete tower; 17.	
15692.1 <i>J 4436.1</i>	-Rear, 140 yards 290° from front.	21° 12.9' N 86° 48.1' W	<b>Iso.W.</b> period 2s	56 17	10	Truncated pyramidal aluminum tower; 52.	
15693	Puerto Juarez mole, N. head.	21° 11.4' N 86° 48.3' W	<b>Iso.W.</b> period 2s	13 4		Red wooden framework tower; 13.	
15693.1	-S. head.	21° 11.4' N 86° 48.3' W	<b>Iso.W.</b> period 2s	13 4		Red wooden framework tower; 13.	
15694 <i>J 4436.3</i>	<b>Gran Puerto de Cancun.</b>	21° 11.0' N 86° 48.4' W	<b>Fl.(3)W.</b> period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 13s	190 58	24	White truncated pyramidal concrete and metal tower; 190.	
15696 <i>J 4436.5</i>	Punta Cancun.	21° 08.3' N 86° 44.5' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	49 15	11	White cylindrical concrete tower, red stripes; 39.	
15700 <i>J 4437</i>	Punta Nisuk.	21° 02.1' N 86° 46.7' W	<b>Fl.(4)W.</b> period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 10	11	Truncated pyramidal aluminum tower; 30.	
15704 <i>J 4438</i>	<b>Puerto Morelos.</b>	20° 50.2' N 86° 55.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	52 16	15	White cylindrical concrete tower; 49.	Visible 205°-035°.
15705	-E. breakwater.	20° 49.7' N 86° 53.4' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	6	Red concrete structure; 23.	
15705.1	--Inner point.	20° 49.8' N 86° 53.4' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	16 5	4	Red metal structure; 13.	
15706	-W. breakwater.	20° 49.7' N 86° 53.4' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	6	Red concrete structure; 23.	
15707	-Diesel pier.	20° 49.8' N 86° 53.4' W	<b>Fl.Y.</b> period 2s fl. 0.5s, ec. 1.5s	16 5	4	Red metal structure; 13.	
15707.1	-Pier B.	20° 49.8' N 86° 53.4' W	<b>Iso.R.</b> period 2s	16 5	4	Red metal structure; 13.	
15708 <i>J 4440</i>	Punta Brava.	20° 48.5' N 86° 56.5' W	<b>Fl.(4)W.</b> period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 10	11	Truncated pyramidal aluminum tower; 30.	

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<b>MEXICO</b>							
15712 J 4440.5	Punta Maroma.	20° 43.8' N 86° 57.8' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	36 11	11	Truncated pyramidal aluminum tower; 30.	
15716 J 4441	Playa del Carmen.	20° 37.5' N 87° 04.3' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	56 17	11	White truncated pyramidal concrete tower; 52.	
15717 J 4441.5	Caleta de Chachalet.	20° 29.6' N 87° 13.8' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 10	10	Truncated pyramidal aluminum tower; 26.	
15718 J 4441.55	Xcaret Range, front.	20° 35.0' N 87° 06.0' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	26 8	5		
15718.5 J 4441.56	-Rear.	20° 35.0' N 87° 06.0' W	<b>Iso.W.</b> period 2s	26 8	5		
15719 J 4441.6	-Jetty, N. side.	20° 35.0' N 87° 06.0' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	6		
15719.5 J 4441.62	--S. side.	20° 35.0' N 87° 06.0' W	<b>Fl.R.</b> period 5s	26 8	6		
15720 J 4441.7	Caleta de Xel-Ha.	20° 28.4' N 87° 15.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	39 12	11	Truncated pyramidal aluminum tower; 26.	
ISLA DE COZUMEL:							
15724 J 4442	-Punta Molas.	20° 35.3' N 86° 43.5' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	105 32	12	White cylindrical concrete tower, red bands; 105.	Visible 070°-337°.
	-RACON		<b>O(- - -)</b>		20		(3 & 10cm).
15728 J 4445	-AVIATION LIGHT.	20° 30.6' N 86° 55.8' W	<b>Al.FI.W.G.</b> period 10s	82 25	14	Skeleton tower; 72.	
15732 J 4443.1	<b>-San Miguel.</b>	20° 29.7' N 86° 57.8' W	<b>Fl.(2)W.</b> period 5s	56 17	15	White truncated conical concrete tower; 118.	
15735 J 4445.2	-Wharf, W. side.	20° 29.0' N 86° 59.0' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	10 3	4		
15735.5 J 4445.25	--E. side.	20° 29.0' N 86° 59.0' W	<b>Fl.R.</b> period 3s fl. 0.5s, ec. 2.5s	16 5	4	Red pole; 7.	
15736 J 4447	-Banco Playa, entrance, N. side.	20° 31.7' N 86° 56.4' W	<b>Iso.G.</b> period 2s	26 8	2	Green fiberglass tower; 16.	
15740 J 4447.2	--S. side.	20° 31.6' N 86° 56.4' W	<b>Iso.R.</b> period 2s	26 8	2	Red fiberglass tower; 20.	
15744 J 4446	<b>Punta Celarain.</b>	20° 16.4' N 86° 59.3' W	<b>Fl.W.</b> period 5s	105 32	15	White cylindrical masonry tower; 82.	
15748 J 4448	Tulum, Salta Iman.	20° 12.0' N 87° 26.6' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	75 23	12	White truncated pyramidal concrete tower; 36.	

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>MEXICO</b>							
15752 J 4450	Punta Allen.	19° 47.1' N 87° 27.8' W	<b>Fl.(4)W.</b> period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	72 22	12	White cylindrical concrete tower; 66.	
15756 J 4450.5	Punta Vigia Chico.	19° 46.4' N 87° 35.1' W	<b>Fl.(4)W.</b> period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	39 12	10	White cylindrical concrete tower; 33.	
15760 J 4450.7	Cayo Culebras.	19° 41.8' N 87° 27.8' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	46 14	10	White cylindrical concrete tower; 39.	
15764 J 4450.9	Punta Nohku.	19° 38.8' N 87° 27.1' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	39 12	10	White truncated pyramidal aluminum tower; 33.	
15768 J 4451	Punta Pajaros.	19° 35.8' N 87° 24.6' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	36 11	10	Truncated pyramidal aluminum tower; 30.	
15772 J 4453	Punta Owen.	19° 19.7' N 87° 26.4' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	39 12	10	White truncated pyramidal aluminum tower; 33.	
15776 J 4452	Punta Herrero.	19° 18.8' N 87° 26.6' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	75 23	12	White truncated pyramidal metal tower; 72.	
15778 J 4454	El Ubero.	19° 04.4' N 87° 33.2' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	33 10	8	Truncated pyramidal aluminum tower; 33.	
15780 J 4456	Banco Chinchorro.	18° 45.8' N 87° 18.7' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	52 16	8	White cylindrical concrete tower; 33.	
	RACON		<b>X(- • • -)</b>				
15782 J 4455	El Majahual.	18° 43.9' N 87° 41.7' W	<b>Fl.(4)W.</b> period 16s	72 22	20	Truncated pyramidal concrete tower; 72.	
	RACON		<b>M(- -)</b>				
15784 J 4456.5	Cayo Centro.	18° 35.6' N 87° 19.8' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	52 16	8	Truncated pyramidal aluminum tower; 49.	
15788 J 4457	Punta Gavilan.	18° 25.3' N 87° 46.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	36 11	10	White truncated pyramidal aluminum tower; 39.	
15792 J 4456.7	-Cayo Lobos.	18° 23.7' N 87° 23.0' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	46 14	8	Truncated pyramidal metal tower; 43.	
	-RACON		<b>C(- • • •)</b>		20		(3 & 10cm).

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>MEXICO</b>							
15796 <i>J 4462</i>	Xcalak.	18° 15.8' N 87° 50.1' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	43 <b>13</b>	12	Cylindrical concrete tower; 39.	Visible 214°-000°.
15797 <i>J 4466</i>	La Aguada.	18° 14.1' N 87° 53.8' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	39 <b>12</b>	10	Aluminum tower; 33.	
BAHIA DE CHETUMAL:							
15800 <i>J 4469</i>	-Ciudad Chetumal (Payo Obispo).	18° 31.3' N 88° 16.3' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	59 <b>18</b>	13	Cylindrical concrete tower; 49.	Visible 115°-064°.

The lights of Mexico are characterized by the number of flashes etc., the periods being subject to fluctuations.



# Section 11

## Trinidad, East Coast of Central America and Netherlands Antilles

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>UNITED STATES</b>							
15816 <i>J 6024</i>	<b>Serranilla Bank.</b>	15° 47.8' N 79° 50.9' W	<b>Fl.(2+1)W.</b> period 12s fl. 1s, ec. 1s fl. 1s, ec. 3s fl. 1s, ec. 5s	66 20	16	White tower, red bands, concrete base; 39.	
15818 <i>J 6020</i>	Bajo Nuevo.	15° 52.1' N 78° 38.7' W	<b>Fl.(2+1)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 4s fl. 1s, ec. 6s	66 20	13	White tower, red bands.	
Several other states together with the United States claim sovereignty over Bajo Nuevo and Serranilla Bank.							
<b>COLOMBIA</b>							
15820 <i>J 6028</i>	<b>Quita Sueno Bank.</b>	14° 29.3' N 81° 08.2' W	<b>Fl.(3)W.</b> period 6.1s fl. 0.4s, ec. 1s fl. 0.4s, ec. 1s fl. 0.4s, ec. 2.9s	66 20	15	Red tower, white band; 59.	
15821 <i>J 6030</i>	-S.	14° 09.3' N 81° 09.8' W	<b>Fl.(3)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	66 20	13	Red tower, white band; 59.	
15824 <i>J 6034</i>	<b>Serrana Bank.</b>	14° 16.4' N 80° 23.5' W	<b>Fl.W.</b> period 15s fl. 1.2s, ec. 13.8s	66 20	24	Red tower, white band; 59.	
15828 <i>J 6038</i>	<b>Roncador Bank.</b>	13° 35.0' N 80° 05.2' W	<b>Fl.(2)W.</b> period 10s fl. 1.5s, ec. 1.5s fl. 1.5s, ec. 5.5s	66 20	17	Red tower, white band; 59.	
ISLA DE PROVIDENCIA:							
15832 <i>J 6042</i>	-S. head.	13° 19.3' N 81° 23.0' W	<b>Fl.(2)W.</b> period 8s fl. 0.4s, ec. 0.6s fl. 2s, ec. 5s	220 67	20	Red tower, white band; 59.	Visible 318°-157°.
15832.3 <i>J 6041.8</i>	-Catalina Harbor.	13° 22.3' N 81° 22.2' W	<b>Q.G.</b>	92 28	12	Red tower, white bands.	
15832.5 <i>J 6041.5</i>	-Palma Cay.	13° 24.0' N 81° 22.1' W	<b>Fl.(3)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	66 20	15	Red tower, white bands.	
15832.7 <i>J 6041</i>	-Low Cay.	13° 31.5' N 81° 20.3' W	<b>Fl.(4)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	66 20	15	Red tower, white band; 59.	
ISLA DE SAN ANDRES:							
15833 <i>J 6043</i>	-AVIATION LIGHT.	12° 34.9' N 81° 42.3' W	<b>Al.FI.W.G.</b> period 10s		14	Mast.	Aero Radiobeacon.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLOMBIA</b>							
15834 J 6043.5	Cayo Cordoba.	12° 33.0' N 81° 41.3' W	<b>Fl.W.</b> period 6.7s fl. 0.5s, ec. 6.2s	75 23	12	Red tower, white bands.	
	RACON		<b>S(•••)</b>		19		(3 & 10cm).
15835 J 6043.6	-Punta Sur.	12° 28.8' N 81° 43.8' W	<b>Fl.W.</b> period 9s fl. 0.9s, ec. 8.1s	66 20	13	Red and white metal framework tower.	
15835.5 J 6043.7	-Cove.	12° 31.0' N 81° 43.8' W	<b>Fl.R.</b> period 3s fl. 0.7s, ec. 2.3s	66 20	13	Red tower, white bands.	
15835.7 J 6043.8	-Punta Evans.	12° 31.8' N 81° 44.1' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	69 21	12	Red tower, white bands.	
15840 J 6044	<b>Cayo Bolivar.</b>	12° 24.0' N 81° 28.5' W	<b>Fl.W.</b> period 15s fl. 1.2s, ec. 13.8s	105 32	15	Red tower, white bands.	
15844 J 6045	<b>Cayos de Albuquerque.</b>	12° 09.9' N 81° 50.4' W	<b>Fl.(2+1)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 4s fl. 1s, ec. 6s	105 32	15	Red tower, white bands.	
<b>ARUBA (N.)-CARIBBEAN SEA</b>							
15850 J 6330	<b>Noordwestpunt.</b>	12° 36.8' N 70° 03.1' W	<b>Fl.(2)W.R.</b> period 10s fl. 0.8s, ec. 1.7s fl. 0.8s, ec. 6.7s	180 55	19	Gray stone tower; 98.	W. 354°-005°, R.-013°, W.-295°.
	PAARDEN BAAI:						
15852 J 6343	-W. entrance, N. side of channel.	12° 31.6' N 70° 03.4' W	<b>Fl.R.</b> period 2s				
15853 J 6343.5	-W. entrance.	12° 31.6' N 70° 03.2' W	<b>Fl.(2)R.</b> period 4s				
15864 J 6342	-W. Entrance 7, S. side of entrance.	12° 31.3' N 70° 03.0' W	<b>Fl.(2)G.</b> period 4s			Concrete column.	
15868 J 6340	--Range, front.	12° 31.3' N 70° 02.8' W	<b>3 F.G.</b>			Beacon, diamond daymark.	
15872 J 6340.1	--Rear, 430 meters 110° from front.	12° 31.2' N 70° 02.5' W	<b>5 F.G.</b>				F.R. lights are shown from NW. and SW. corners of Oosthaven.
15876 J 6336.5	-S. entrance.	12° 30.3' N 70° 02.2' W	<b>Q.W.</b>				
15880 J 6336	--No 1.	12° 30.5' N 70° 02.2' W	<b>Fl.(2)R.</b> period 4s			Concrete column.	
15884 J 6337	--No 4.	12° 30.6' N 70° 02.3' W	<b>Q.G.</b>			Concrete column.	
15888 J 6338	--No 5.	12° 30.8' N 70° 02.3' W	<b>Fl.(2)G.</b> period 4s	10 3		Concrete column.	
15892 J 6339	--No 2.	12° 30.8' N 70° 02.2' W	<b>Fl.(3)R.</b> period 5s	10 3		Concrete column.	
15896 J 6339.4	--No 6.	12° 30.8' N 70° 02.4' W	<b>Fl.(3)G.</b> period 5s			Concrete column.	
15900 J 6346	Oranjestad, Prinses Beatrix AVIATION LIGHT.	12° 31.0' N 69° 59.7' W	<b>F.R.</b>	604 184		Tower; 62.	Obstruction.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ARUBA (N.)-CARIBBEAN SEA</b>							
15901 <i>J 6346.6</i>	-Haven Barcadera Entrance Range, front.	12° 28.9' N 69° 59.9' W	<b>F.G.</b>		82 25	Mast.	
15902 <i>J 6346.61</i>	--Rear, 107 meters 093° from front.	12° 28.8' N 69° 59.8' W	<b>F.G.</b>		105 32	Mast.	
15903 <i>J 6347.2</i>	-No 4, S. side.	12° 28.8' N 70° 00.2' W	<b>Fl.(2)G.</b> period 4s				
COMMANDEURS BAAI:							
15912 <i>J 6352</i>	-Range, front.	12° 26.9' N 69° 56.9' W	<b>2 F.G.</b> (vert.)		19 6	1 Green post, white triangular daymark point up.	
15916 <i>J 6352.1</i>	--Rear, 34 meters 057°30' from front.	12° 26.9' N 69° 56.9' W	<b>2 F.R.</b> (vert.)		23 7	1 Red post, white triangular daymark point down.	
15918 <i>J 6352.5</i>	-Pier, W. end.	12° 26.5' N 69° 56.3' W	<b>F.R.</b>				
15919 <i>J 6352.51</i>	--E. end.	12° 26.5' N 69° 56.3' W	<b>F.R.</b>				
15921 <i>J 6352.52</i>	-Reef.	12° 26.8' N 69° 56.9' W	<b>Q.G.</b>				
15923 <i>J 6352.53</i>	-Narrows.	12° 26.6' N 69° 56.6' W	<b>Iso.G.</b> period 2s				
15925 <i>J 6352.54</i>	-W. entrance.	12° 26.8' N 69° 57.2' W	<b>Fl.R.</b>				
15926 <i>J 6352.55</i>	-E. entrance.	12° 26.8' N 69° 57.1' W	<b>Fl.G.</b>				
ST. NICHOLAS BAAI:							
15932 <i>J 6356</i>	-W. entrance Range, front.	12° 25.9' N 69° 54.4' W	<b>4 F.R.</b>		102 31		Lights arranged in diamond shape.
15936 <i>J 6356.1</i>	--Rear, 240 meters 083° from front.	12° 25.9' N 69° 54.3' W	<b>4 F.R.</b>		134 41		Lights arranged in diamond shape. N. side of channel marked by Fl.R. light on dolphin and two F.R. lights on dock. F.G. and F.R. lights are shown from outer corners of finger piers.
15938 <i>J 6357</i>	--Entrance, N. side, No 2.	12° 25.9' N 69° 55.1' W	<b>Fl.R.</b> period 4s		23 7	7 Metal column.	
15940 <i>J 6357.5</i>	-Mooring post.	12° 25.8' N 69° 54.8' W	<b>Fl.R.</b> period 3s				
15941 <i>J 6358.2</i>	-South Channel, Janet Range, front.	12° 25.3' N 69° 54.1' W	<b>Oc.R.</b> period 3s			Beacon.	
15942 <i>J 6358.21</i>	--Rear, 180 meters 139° from front.	12° 25.2' N 69° 54.1' W	<b>Fl.G.</b> period 4s			Beacon.	
15950 <i>J 6359.2</i>	-W. side.	12° 25.4' N 69° 54.3' W	<b>Fl.(2)G.</b> period 4s		11 3	Pile.	
15952 <i>J 6359</i>	--No 6.	12° 25.5' N 69° 54.2' W	<b>Fl.R.</b> period 4s		11 3	Pile.	
15954 <i>J 6358.6</i>	--No 8.	12° 25.3' N 69° 54.0' W	<b>Q.R.</b>			Beacon.	Occasional.
15957 <i>J 6358.45</i>	-Range, front.	12° 25.3' N 69° 53.7' W	<b>F.G.</b>				
15957.1 <i>J 6358.451</i>	--Rear, 075°30' from front.	12° 25.4' N 69° 53.6' W	<b>Q.G.</b>				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ARUBA (N.)-CARIBBEAN SEA</b>							
15958 <i>J 6365</i>	-Indiaanskop.	12° 24.9' N 69° 53.8' W	<b>Fl.G.</b> period 2s	10 3		Metal framework tower.	In line 139° with 15942.
15959 <i>J 6366</i>	-Rodgers Lagoon Range, front.	12° 25.2' N 69° 53.1' W	<b>2 F.G.</b>			Beacon, triangular topmark point up.	
15959.1 <i>J 6366.1</i>	--Rear, 120 meters 033° from front.	12° 25.2' N 69° 53.1' W	<b>2 F.R.</b>			Beacon, triangular topmark point up.	
15960 <i>J 6368</i>	<b>-Cerro Colorado.</b>	12° 25.1' N 69° 52.1' W	<b>Fl.W.</b> period 6s	167 51	<b>21</b>		
<b>CURACAO (N.)</b>							
15964 <i>J 6372</i>	Noordpunt.	12° 23.0' N 69° 09.2' W	<b>Fl.(3)W.</b> period 15s fl. 0.3s, ec. 2.7s fl. 0.3s, ec. 2.7s fl. 0.3s, ec. 8.7s	138 42	12	White round stone tower, gallery, red lantern; 20.	Visible 006°-271°.
15968 <i>J 6374</i>	Kaap St. Marie.	12° 11.2' N 69° 03.5' W	<b>Fl.(2)W.</b> period 6s	41 12	9	Red square metal tower; 20.	
15972 <i>J 6376</i>	Bullen Baai.	12° 10.7' N 69° 01.0' W	<b>Q.W.</b>				
15976 <i>J 6375.4</i>	-First Range, front.	12° 11.9' N 69° 02.2' W	<b>F.R.</b>			Red daymark.	
15980 <i>J 6375.41</i>	--Rear 251 meters 043° from front.	12° 12.0' N 69° 02.1' W	<b>F.G.</b>			Red daymark.	
15984 <i>J 6376.6</i>	-Second Range, front.	12° 11.5' N 69° 01.3' W	<b>Q.R.</b>			Tank.	
15988 <i>J 6376.61</i>	--Rear, 640 meters 095° from front.	12° 11.5' N 69° 01.0' W	<b>Q.G.</b>			Tank.	
15992 <i>J 6376.4</i>	-Third Range, front.	12° 11.0' N 69° 01.0' W	<b>F.G.</b>			Tank.	
15996 <i>J 6376.41</i>	--Rear, 200 meters 123° from front.	12° 11.0' N 69° 00.9' W	<b>F.R.</b>			Tank.	
16008 <i>J 6380</i>	Wilemstad, about 247 meters 263° from Riffort.	12° 06.2' N 68° 56.2' W	<b>Fl.G.</b> period 4s	6 2	1	Black post; 7.	
16009.2 <i>J 6384.8</i>	---Tulapier, W. head.	12° 06.4' N 68° 56.8' W	<b>F.R.</b>				
16009.3 <i>J 6384.5</i>	----E. corner.	12° 06.3' N 68° 56.7' W	<b>F.R.</b>				
16009.4 <i>J 6385</i>	---Jetty, W. head.	12° 06.3' N 68° 56.5' W	<b>F.R.</b>				
16009.5 <i>J 6385.1</i>	----E. head.	12° 06.3' N 68° 56.5' W	<b>F.R.</b>				
16012 <i>J 6378</i>	Riffort, Sint Anna (Willemstad), E. side of entrance.	12° 06.2' N 68° 56.0' W	<b>Oc.W.</b> period 5s lt. 3s, ec. 2s	83 25	14	Gray metal column; 56.	
16013 <i>J 6381</i>	-Range, front.	12° 06.6' N 68° 55.9' W	<b>F.R.</b>			Orange diamond daymark.	
16014 <i>J 6381.1</i>	--Rear, 580 meters 043° from front.	12° 06.9' N 68° 55.6' W	<b>F.R.</b>			Orange diamond daymark.	
16016 <i>J 6384</i>	-Entrance, W. side.	12° 06.3' N 68° 56.2' W	<b>F.R.</b>	23 7		Aluminum structure.	
16020 <i>J 6382</i>	--E. side.	12° 06.3' N 68° 56.1' W	<b>F.G.</b>	26 8		Aluminum bracket on fort wall.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>CURACAO (N.)</b>							
16024 <i>J 6377</i>	-Range, front.	12° 06.5' N 68° 56.1' W	<b>3 F.R.</b> (vert.)		54 16	Black metal mast, yellow bands, orange square daymark.	
16028 <i>J 6377.1</i>	--Rear, 480 meters 023° from front.	12° 06.7' N 68° 56.0' W	<b>4 F.R.</b>		108 33	Metal mast, orange round daymark; 26.	Lights arranged in diamond shape.
16032 <i>J 6386</i>	-W. side, near W. wharf, Sint Anna Bay.	12° 06.7' N 68° 56.0' W	<b>F.R.</b>		23 7		
16036 <i>J 6389</i>	-E. side of entrance to Schottegat.	12° 06.9' N 68° 55.8' W	<b>F.G.</b>		67 20	Orange column, black bands; 23.	
16037 <i>J 6393</i>	-N. side.	12° 07.3' N 68° 55.3' W	<b>F.G.</b>				
16038 <i>J 6393.5</i>	-Baai Macola.	12° 06.9' N 68° 55.2' W	<b>Q.W.</b>				
16040 <i>J 6393.7</i>	Willemstad, pier, head.	12° 06.7' N 68° 55.3' W	<b>F.R.</b>				
16044 <i>J 6398</i>	<b>Dr. Albert Plesman Field, AVIATION LIGHT.</b>	12° 10.9' N 68° 57.2' W	<b>Al.FI.W.G.</b> period 10s		148 45	<b>19</b> Concrete pillar, gallery.	
16049 <i>J 6394.4</i>	-Range, front.	12° 04.6' N 68° 51.9' W	<b>F.R.</b>			Gray beacon, red cross topmark.	
16050 <i>J 6394.41</i>	--Rear, 90m 043°30' from front.	12° 04.7' N 68° 51.8' W	<b>F.R.</b>			Gray beacon, red triangular daymark point up.	
16050.5 <i>J 6395</i>	-Fuik Baai Range, front.	12° 03.0' N 68° 49.8' W	<b>F.G.</b>		32 10	2 Red and white beacon, "X" daymark.	
16051 <i>J 6395.1</i>	--Rear, 50 meters 027°30' from front.	12° 03.1' N 68° 49.8' W	<b>F.R.</b>		42 13	4 Red and white beacon, triangular daymark point up.	
16053 <i>J 6396</i>	-Punt Kanon (Oostpunt).	12° 02.6' N 68° 44.2' W	<b>Fl.W.</b> period 4s		39 12	8	
16054 <i>J 6399</i>	<b>Klein Curacao (N.).</b>	11° 59.4' N 68° 38.6' W	<b>Fl.(2)W.</b> period 15s		82 25	<b>15</b> Red framework mast, white bands, on white round tower.	
<b>BONAIRE (N.)</b>							
16056 <i>J 6416</i>	<b>Ceru Bentana.</b>	12° 18.3' N 68° 22.6' W	<b>Fl.(4)W.</b> period 20s		144 44	<b>15</b> Gray square stone tower; 33.	Visible 069°30'-073° and 074°-303°.
16060 <i>J 6403</i>	Punt Wekoewa.	12° 13.6' N 68° 24.6' W	<b>Fl.(3)W.</b> period 20s		49 15	12 White round tower; 36.	Visible 285°-155°.
16064 <i>J 6414</i>	<b>Boca Spelonk.</b>	12° 12.7' N 68° 11.8' W	<b>Fl.W.</b> period 5s fl. 0.3s, ec. 4.7s		100 30	<b>15</b> White round stone tower; 69.	Visible 127°-002°.
16077 <i>J 6404.31</i>	Goto oil terminal.	12° 13.3' N 68° 22.7' W	<b>F.R.</b>		82 25	9	
16080 <i>J 6404</i>	-Range No 2, front.	12° 13.2' N 68° 21.6' W	<b>Q.R.</b>		26 8	8	
16084 <i>J 6404.1</i>	--Rear, 126 meters 081°04' from front.	12° 13.3' N 68° 21.5' W	<b>Q.G.</b>		33 10	6	
16088 <i>J 6406</i>	Klein Bonaire, SW. point.	12° 09.4' N 68° 19.6' W	<b>Fl.(2)W.</b> period 20s		20 6	9	
16093 <i>J 6408.3</i>	Kralendijk.	12° 08.9' N 68° 16.6' W	<b>Fl.W.</b> period 2s fl. 0.2s, ec. 1.8s		44 13	5 White square stone structure; 23.	Visible 027°-150°.
16094 <i>J 6408.8</i>	Flamingo Airfield, AVIATION LIGHT.	12° 08.0' N 68° 16.6' W	<b>Al.FI.W.R.G.</b>			Tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BONAIRE (N.)</b>							
16096 <i>J 6409</i>	Punt Vierkant.	12° 06.8' N 68° 17.7' W	<b>Fl.(3)W.</b> period 22s fl. 0.3s, ec. 5.5s fl. 0.3s, ec. 5.5s fl. 0.3s, ec. 10.1s	30 9	5	White concrete column, red lantern; 23.	
16100 <i>J 6411</i>	Lacre Punt.	12° 01.7' N 68° 14.2' W	<b>Fl.W.</b> period 9s fl. 0.1s, ec. 8.9s	75 23	14	White round stone tower, red stripes; 69.	Visible 203°-147°.
<b>TRINIDAD</b>							
16108 <i>J 5915</i>	<b>Brigand Hill.</b>	10° 29.8' N 61° 04.0' W	<b>Fl.(2+1)W.</b> period 30s fl. 0.3s, ec. 2.7s fl. 0.3s, ec. 11.7s fl. 0.3s, ec. 14.7s	712 217	20	White metal framework tower; 36.	
16109 <i>J 5914</i>	Galeota Point.	10° 08.3' N 60° 59.5' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	285 87	13	White metal framework tower; 30.	
16110 <i>J 5913.5</i>	La Lune Point.	10° 04.6' N 61° 18.8' W	<b>Fl.(4)W.</b> period 20s	148 45	12		
16111 <i>J 5913.4</i>	Taparo Point.	10° 03.5' N 61° 37.6' W	<b>Fl.(3)W.</b> period 15s	226 69	13		
16112 <i>J 5913</i>	Chatham Jetty, head.	10° 05.1' N 61° 44.0' W	<b>F.R.</b>		3		Private light.
ICACOS POINT:							
16116 <i>J 5912</i>	<b>-Punta del Arenal.</b>	10° 02.9' N 61° 55.6' W	<b>Fl.W.</b> period 7.5s	72 22	16	White metal framework tower.	Visible 301°-232°.
16117 <i>J 5911</i>	<b>-Wolf Rock.</b>	10° 03.2' N 61° 56.2' W	<b>Fl.(2)W.</b> period 8s	13 4	5	ISOLATED DANGER BRB, beacon, topmark.	
16118 <i>J 5909.5</i>	<b>-Soldado Rock.</b>	10° 04.6' N 62° 00.9' W	<b>Fl.W.</b> period 10s		8		
GULF OF PARIA:							
-Point Fortin:							
16132 <i>J 5908</i>	--Pipeline pier, head.	10° 12.7' N 61° 42.1' W	<b>Fl.(2)W.</b> period 10s fl. 0.6s, ec. 1.4s fl. 0.6s, ec. 7.4s	98 30	14	Aluminum framework tower; 79.	
16133 <i>J 5908.5</i>	--N. breakwater.	10° 11.3' N 61° 41.6' W	<b>Fl.G.</b> period 3s				
16133.5 <i>J 5908.6</i>	--S. breakwater, head.	10° 11.2' N 61° 41.6' W	<b>Fl.R.</b> period 3s				
16134 <i>J 5908.7</i>	--Range, front.	10° 11.1' N 61° 41.8' W	<b>Fl.G.</b> period 3s fl. 1s, ec. 2s	105 32	10	Tower, red rectangular daymark, yellow stripe.	Visible 147°10'-150°10'.
16134.5 <i>J 5908.71</i>	--Rear, 300 meters 148°40' from front.	10° 10.9' N 61° 41.8' W	<b>Oc.G.</b> period 5s lt. 3s, ec. 2s	138 42	13	Tower, red rectangular daymark, yellow stripe.	Visible 134°40'-162°40'.
16140 <i>J 5903</i>	<b>-Brighton Range, front.</b>	10° 15.1' N 61° 38.1' W	<b>Fl.(3)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	52 16	15	White metal tower; 39.	Visible 134°12'-144°12'. Berthing signals.
16144 <i>J 5903.1</i>	--Rear, 852 meters 139°15' from front.	10° 14.7' N 61° 37.7' W	<b>Fl.W.</b> period 5s	100 30	8		Visible 134°12'-144°12'.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>TRINIDAD</b>							
16148 <i>J 5900</i>	--Oropuche Bank Beacon.	10° 16.9' N 61° 33.4' W	<b>V.Q.W.</b>			4 Beacon.	
	-Pointe-a-Pierre:						
16152 <i>J 5895</i>	-- <b>La Carriere.</b>	10° 19.5' N 61° 27.6' W	<b>Fl.W.</b> period 2.5s fl. 0.2s, ec. 2.3s	233 71	17	Framework tower.	
16156 <i>J 5896</i>	--Pipeline viaduct, head.	10° 19.0' N 61° 28.8' W	<b>Fl.(4)W.</b> period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 5s	98 30	14	Metal framework tower.	F.R. at 300 meter intervals along jetty.
16157 <i>J 5897</i>	--Turning basin.	10° 18.9' N 61° 28.6' W	<b>Q.R.</b>			Wooden pile.	
16164 <i>J 5892</i>	--Range, front, No 13.	10° 22.8' N 61° 28.9' W	<b>Q.W.</b>	30 9	8		Visible 083°48'-098°48'.
			<b>F.R.</b>	30 9	4		
16168 <i>J 5892.1</i>	--Rear, No 14, 530 meters 091°20' from front.	10° 22.8' N 61° 28.6' W	<b>Oc.W.</b> period 5s lt. 3.5s, ec. 1.5s	52 16	8		Visible 087°18'-095°18'.
			<b>F.R.</b>	56 17	4		
	-Point Lisas:						
16169 <i>J 5894.3</i>	--Marine Terminal Range, front.	10° 21.0' N 61° 27.8' W	<b>Q.Y.</b>	69 21	10	Building.	
16169.5 <i>J 5894.31</i>	--Rear, 260 meters 081°25' from front.	10° 21.0' N 61° 27.7' W	<b>Oc.Y.</b> period 3s	82 25	10	Silo.	
16172 <i>J 5892.4</i>	--Channel entrance, N. side, No 1.	10° 22.9' N 61° 30.9' W	<b>Fl.(2)G.</b> period 5s	26 8	8	White beacon.	
16176 <i>J 5892.5</i>	--S. side, No 2.	10° 22.8' N 61° 30.9' W	<b>Fl.W.</b> period 3s	26 8	8	White beacon.	
16180 <i>J 5891</i>	--Savonneta Range, front.	10° 24.3' N 61° 29.5' W	<b>Fl.W.</b> period 2s	98 30	8	Metal framework tower.	Visible 049°18'-055°18'. Identification light Fl.R. 4s.
16184 <i>J 5891.1</i>	---Rear, 700 meters 052°12' from front.	10° 24.5' N 61° 29.2' W	<b>Fl.W.</b> period 2s	135 41	8	Metal framework tower.	Synchronized with front. Identification light Fl.R. 4s.
	-Port-of-Spain						
16190 <i>J 5884.24</i>	--Grier Channel Range, front.	10° 39.3' N 61° 31.3' W	<b>Oc.W.</b> period 4s lt. 3s, ec. 1s	135 41	10	Black and white framework tower, yellow triangular daymark point up.	
			<b>F.G.</b>		6		
16190.1 <i>J 5884.25</i>	---Rear, 3450 meters 061°32' from front.	10° 40.2' N 61° 29.6' W	<b>Iso.W.</b> period 2s	390 119	11	Black and white framework tower, yellow triangular daymark point up.	Visible 058°24'-064°24'.
16191.7 <i>J 5885</i>	--No 20.	10° 38.9' N 61° 31.9' W	<b>Fl.R.</b> period 3s	16 5	8	Concrete platform, tripod.	
16191.8 <i>J 5884.9</i>	--No 19.	10° 39.0' N 61° 31.8' W	<b>Fl.G.</b> period 3s	16 5	8	Concrete platform, tripod.	
16191.9 <i>J 5885.3</i>	--No 22.	10° 38.9' N 61° 31.5' W	<b>Q.R.</b>	13 4	3	Concrete platform, tripod.	
16191.91 <i>J 5885.2</i>	--No 21.	10° 39.1' N 61° 31.8' W	<b>Q.G.</b>	13 4	3	Concrete platform, tripod.	
16191.92 <i>J 5885.4</i>	--No 24.	10° 38.8' N 61° 31.3' W	<b>Q.R.</b>	13 4	3	Concrete platform, tripod.	

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<b>TRINIDAD</b>							
16191.94 <i>J 5884.43</i>	--No 14.	10° 38.7' N 61° 31.1' W	<b>Q.R.</b>	13 4	3	Concrete platform, pilings.	
16192 <i>J 5888</i>	--Head of St. Vincent Jetty.	10° 38.8' N 61° 30.8' W	<b>F.R.</b>	23 7	4	Wooden post.	
16196.1 <i>J 5882.42</i>	--Sea Lots Channel No 1, entrance, N. side.	10° 37.7' N 61° 31.9' W	<b>Fl.(2)G.</b> period 7.5s			Pile.	
16196.2 <i>J 5882.4</i>	--No 2, entrance, S. side.	10° 37.7' N 61° 31.9' W	<b>V.Q.(9)W.</b> period 10s			Pile.	
16196.3 <i>J 5882.46</i>	--No 3.	10° 37.9' N 61° 31.5' W	<b>Q.G.</b>			Pile.	
16196.4 <i>J 5882.44</i>	--No 4.	10° 37.8' N 61° 31.5' W	<b>Q.R.</b>			Pile.	
16196.5 <i>J 5882.51</i>	--No 5.	10° 38.0' N 61° 31.0' W	<b>V.Q.G.</b>			Pile.	
16196.6 <i>J 5882.48</i>	--No 6.	10° 38.0' N 61° 31.0' W	<b>V.Q.R.</b>			Pile.	
16196.7 <i>J 5882.54</i>	--No 7.	10° 38.2' N 61° 30.5' W	<b>Q.G.</b>			Pile.	
16196.8 <i>J 5882.52</i>	--No 8.	10° 38.2' N 61° 30.5' W	<b>Q.R.</b>			Pile.	
16196.9 <i>J 5882.58</i>	--No 9.	10° 38.4' N 61° 30.2' W	<b>L.Fl.G.</b> period 5s			Pile.	
16196.91 <i>J 5882.56</i>	--No 10.	10° 38.3' N 61° 30.2' W	<b>L.Fl.R.</b> period 5s			Pile.	
16196.93 <i>J 5882.6</i>	--No 12.	10° 38.3' N 61° 30.0' W	<b>Q.R.</b>			Pile.	
16196.94 <i>J 5882.62</i>	--No 14.	10° 38.2' N 61° 29.9' W	<b>Q.R.</b>			Pile.	
16197 <i>J 5882</i>	--Sea Lots Channel Range, front.	10° 38.5' N 61° 29.7' W	<b>Oc.W.</b> period 10s lt. 7s, ec. 3s	85 26	6	White framework tower, orange rectangular daymark.	
			<b>F.R.</b>				
16197.1 <i>J 5882.1</i>	--Rear, 640 meters 069°10' from front.	10° 38.6' N 61° 29.4' W	<b>Fl.W.</b> period 2s fl. 0.6s, ec. 1.4s	128 39	6	White framework tower, orange rectangular daymark.	
			<b>F.R.</b>				
16208 <i>J 5868</i>	-Nelson, E. head.	10° 39.5' N 61° 35.9' W	<b>Fl.W.</b> period 2s	62 19	6	White mast.	
16212 <i>J 5872</i>	-Point Sinet Range, front.	10° 41.0' N 61° 35.9' W	<b>Oc.W.</b> period 2.5s lt. 1.5s, ec. 1s	98 30	14	White square daymark, black stripe.	Visible 038°-046°.
16216 <i>J 5872.1</i>	--Rear, 180 meters 042°14' from front.	10° 41.1' N 61° 35.8' W	<b>Oc.W.</b> period 5s lt. 4s, ec. 1s	102 31	14	White square daymark, black stripe.	Visible 038°-046°.
			<b>F.R.</b>				
16220 <i>J 5866</i>	-Cronstadt Island, W. head.	10° 39.5' N 61° 37.9' W	<b>Q.R.</b>		4		
16225 <i>J 5858</i>	-Reyna Point.	10° 40.1' N 61° 38.7' W	<b>Q.G.</b>	33 10	4		
16228 <i>J 5861</i>	-Escondida Cove, off N. point.	10° 40.4' N 61° 38.2' W	<b>Q.R.</b>	17 5		White tripod.	Occasional.
16230 <i>J 5859.4</i>	-Furness Smith Floating Dock.	10° 40.8' N 61° 38.9' W	<b>2 F.R.</b>				



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<b>TRINIDAD</b>							
16236 <i>J 5856</i>	-Espolon Point, SW. point of Gaspar Grande Island.	10° 39.9' N 61° 40.0' W	<b>Fl.W.</b> period 4s	42 13	8	White framework tower.	
16240 <i>J 5852</i>	-Gasparillo Island, W. head.	10° 40.5' N 61° 39.3' W	<b>Q.W.</b>	36 11	4	White mast.	
16244 <i>J 5851</i>	-La Retraite Coast Guard Station.	10° 40.9' N 61° 39.4' W	<b>2 F.R.</b>				
16248 <i>J 5850</i>	-Teteron Rock.	10° 41.0' N 61° 40.0' W	<b>Fl.G.</b> period 4s fl. 0.4s, ec. 3.6s	24 7	4	White metal structure, concrete base.	
16250 <i>J 5848.5</i>	-Le Chapeau Rock.	10° 42.4' N 61° 40.5' W	<b>Fl.(3)W.</b> period 10s		6		
16252 <i>J 5848</i>	-Point de Cabras, Huevos, S. head.	10° 41.2' N 61° 43.2' W	<b>V.Q.(6)+L.Fl.W.</b> period 10s	40 12	5		
16256 <i>J 5846</i>	<b>Chacachacare.</b>	10° 41.9' N 61° 45.1' W	<b>Fl.W.</b> period 10s fl. 0.4s, ec. 9.6s	825 251	26	White concrete tower; 49.	
16260 <i>J 5846.1</i>	-Beacon, about 640 meters 216° from main light.	10° 41.6' N 61° 45.4' W	<b>Fl.W.</b> period 2s fl. 0.1s, ec. 1.9s	503 153	11	White metal framework tower, white square daymark; 26.	In line 036° with 16256.
16264 <i>J 5844</i>	North Post, Point a Diable.	10° 44.9' N 61° 33.7' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	747 228	14	Beacon.	Visible 087°-252°.
16264.5 <i>J 5843.5</i>	Saut d'Eau Island.	10° 46.2' N 61° 30.7' W	<b>Q.W.</b>		7		
16264.7 <i>J 5843</i>	<b>Chupara Point.</b>	10° 48.5' N 61° 21.7' W	<b>Fl.(2)W.</b> period 10s	325 99	16	White metal framework tower, hut.	
16265 <i>J 5842.5</i>	Petite Matelot Point.	10° 49.5' N 61° 07.5' W	<b>Fl.(3)W.</b> period 15s		7		
16266 <i>J 5842</i>	<b>Galera Point.</b>	10° 50.1' N 60° 54.5' W	<b>Oc.W.</b> period 10s lt. 6s, ec. 4s	141 43	16	Square brick building, white concrete tower; 75.	
ICACOS POINT:							
16267 <i>J 5845</i>	Hibiscus.	11° 07.8' N 61° 39.6' W	<b>Mo(U).W.</b>	72 22	10	Platform.	<b>Horn.</b>
	RACON		<b>B(- • • •)</b>				(3 & 10cm).
16267.5 <i>J 5844.5</i>	Poinsettia.	11° 13.5' N 61° 31.2' W	<b>Mo(U).W.</b> period 15s	66 20	10	Platform.	<b>Horn:</b> Mo.(U) 30s.
	RACON						
<b>BELIZE</b>							
CHETUMAL BAY:							
16268 <i>J 5930</i>	-Bulkhead.	17° 56.0' N 88° 08.1' W	<b>Fl.W.</b> period 1.5s	30 9	10	Red metal framework tower, concrete base; 20.	
TURNNEFFE CAYS:							
16280 <i>J 5940</i>	-Mauger Cay.	17° 36.5' N 87° 46.4' W	<b>Fl.(2)W.</b> period 10s	61 19	13	White metal framework tower; 62.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BELIZE</b>							
16284 <i>J 5942</i>	-Cay Bokel.	17° 09.8' N 87° 54.6' W	<b>Fl.(3)W.</b> period 15s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 10.5s	33 10	8	White metal framework tower; 33.	
LIGHTHOUSE REEF:							
16288 <i>J 5934</i>	-Sandbore Cay.	17° 28.2' N 87° 29.5' W	<b>Fl.W.</b> period 10s	83 25	17	Red metal framework tower; 82.	
16292 <i>J 5936</i>	-Half Moon Cay, E. head.	17° 12.2' N 87° 31.8' W	<b>Fl.(4)W.</b> period 15s	80 24	14	White metal framework tower; 79.	
GLOVERS REEF:							
16296 <i>J 5937</i>	-NE. side of reef.	16° 54.6' N 87° 42.3' W	<b>Fl.W.</b> period 5s		9	White metal framework tower; 36.	<b>Radar reflector.</b>
16300 <i>J 5937.5</i>	-SW. cays.	16° 06.5' N 88° 16.0' W	<b>Fl.(2)W.</b> period 5s		9	White metal framework tower; 36.	
BELIZE HARBOR:							
16304 <i>J 5943</i>	-Eastern Channel Range, front.	17° 19.5' N 88° 02.8' W	<b>Q.W.</b>	23 7	9	Concrete pillar; 23.	
16308 <i>J 5943.1</i>	--English Cay, rear, 300 meters 300° from front.	17° 19.6' N 88° 02.9' W	<b>Fl.W.</b> period 2.5s fl. 0.3s, ec. 2.2s	62 19	11	White metal framework tower; 62.	
16312 <i>J 5943.2</i>	-Goffs Cay, Sandbore.	17° 20.3' N 88° 02.1' W	<b>Fl.R.</b> period 5s	16 5	3	Red concrete pile; 16.	
16316 <i>J 5944</i>	-Water Cay Spit.	17° 21.3' N 88° 04.6' W	<b>Q.R.</b>	16 5	5	Red concrete pile; 16.	
16320 <i>J 5945</i>	-NE. Spit.	17° 22.9' N 88° 05.5' W	<b>Q.G.</b>	16 5	5	Green concrete pile; 16.	
16324 <i>J 5946</i>	-White Grounds Spit.	17° 22.8' N 88° 07.0' W	<b>Fl.W.</b> period 2.5s	16 5	5	Yellow and black concrete pile; 16.	
16328 <i>J 5947</i>	-Spanish Cay Spit.	17° 22.6' N 88° 08.4' W	<b>Q.G.</b>	16 5	5	Green concrete pile; 16.	
16332 <i>J 5948</i>	-Halfway.	17° 22.2' N 88° 09.7' W	<b>Q.R.</b>	16 5	5	Red concrete pile; 16.	
16336 <i>J 5948.4</i>	-SW. side.	17° 22.0' N 88° 09.9' W	<b>Q.G.</b>	16 5	5	Green concrete pile; 16.	
16340 <i>J 5950</i>	-Robinson Point, W. point of island.	17° 21.9' N 88° 11.9' W	<b>Q.W.</b>	38 12	8	White framework tower; 39.	
16344 <i>J 5950.2</i>	-Triangles.	17° 21.4' N 88° 12.5' W	<b>Fl.G.</b> period 5s	16 5	5	Green concrete pile; 16.	
16348 <i>J 5950.4</i>	-Frank Knoll.	17° 23.7' N 88° 11.9' W	<b>Q.W.</b>	16 5	5	Yellow and black concrete pile; 16.	
16352 <i>J 5950.6</i>	-Sugar Berth B.	17° 23.5' N 88° 10.7' W	<b>Fl.R.</b> period 2.5s	16 5	5	Red concrete pile; 16.	
16356 <i>J 5950.7</i>	-Sugar Berth A.	17° 25.6' N 88° 08.8' W	<b>Fl.G.</b> period 2.5s	16 5	5	Green concrete pile; 16.	
16364 <i>J 5952</i>	-Middle Ground.	17° 28.2' N 88° 10.6' W	<b>Fl.R.</b> period 5s	16 5	5	Red concrete pile; 16.	
16368 <i>J 5954</i>	-Fort George.	17° 29.5' N 88° 10.9' W	<b>Fl.R.</b> period 5s	52 16	8	White concrete pillar, red band, base; 52.	F.R. lights on radio mast 670 meters WNW. F.R. and Fl.R. lights on radio mast 1.3 miles NW.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BELIZE</b>							
16369 <i>J 5954.5</i>	-North Drowned Cay.	17° 30.0' N 88° 08.8' W	<b>Q.W.</b>			Beacon.	
16372 <i>J 5955</i>	<b>-Belize City</b> AVIATION LIGHT.	17° 32.6' N 88° 18.8' W	<b>Q.W.</b>		30	Mast.	Obstruction.
16374 <i>J 5957</i>	Manatee River.	16° 56.2' N 88° 14.2' W	<b>F.W.</b>	33 10	2		Occasional.
16376 <i>J 5958</i>	Colson Point.	17° 04.3' N 88° 14.4' W	<b>Fl.W.</b> period 10s	39 12	9	White metal framework tower; 39.	
16380 <i>J 5964</i>	Sittee Point.	16° 48.4' N 88° 15.1' W	<b>Fl.W.</b> period 5s	30	8	White metal framework tower; 30.	F.W. shown at all times, in Sapodilla Lagoon 3 miles WSW. and on pier head at Riversdale 7.8 miles SSW.
16384 <i>J 5968</i>	Bugle Cays (SW. Cay).	16° 29.3' N 88° 19.3' W	<b>Fl.(2)W.</b> period 10s	61 19	10	White framework tower; 62.	F.R. 96m 35M obstruction light 6.2 miles NW.
16388 <i>J 5970</i>	Monkey River.	16° 21.8' N 88° 29.1' W	<b>F.W.</b>	52 16	8	White mast; 52.	
16392 <i>J 5972</i>	East Snake Cay.	16° 12.5' N 88° 30.5' W	<b>Fl.W.</b> period 3s	65 20	13	Concrete framework tower; 66.	
16396 <i>J 5974</i>	Hunting Cay, Zapodilla Cays.	16° 06.5' N 88° 16.0' W	<b>Fl.W.</b> period 15s	57 17	13	White metal framework tower; 56.	
16400 <i>J 5976</i>	Punta Gorda.	16° 06.0' N 88° 48.2' W	<b>F.W.</b>	56 17	9	White mast; 56.	R. lights on radio tower 0.6 mile SW.
<b>GUATEMALA</b>							
16404 <i>J 5986</i>	Bajo Villedo.	15° 45.4' N 88° 37.0' W	<b>Fl.W.</b> period 3s fl. 0.4s, ec. 2.6s	17 5		Aluminum framework tower.	<b>Radar reflector.</b>
16410 <i>J 5990</i>	-Range, front.	15° 41.7' N 88° 37.4' W	<b>Fl.Y.</b>			Metal framework structure, white rectangular daymark.	
16411 <i>J 5990.1</i>	--Rear, about 290 meters 243° from front.	15° 41.7' N 88° 37.5' W	<b>Fl.Y.</b>			Metal framework structure, white rectangular daymark.	
16412 <i>J 5989</i>	Matias de Galvez Range, front.	15° 41.6' N 88° 37.2' W	<b>Q.Y.</b>	35 11		Metal framework tower, red triangular daymark point up.	Visible on range line only.
16416 <i>J 5989.1</i>	-Rear (South), about 347 meters 189°30' from front.	15° 41.4' N 88° 37.3' W	<b>Oc.Y.</b> period 4s lt. 3s, ec. 1s	80 24		Metal framework tower, red triangular daymark point up.	Visible on range line only.
16417.1 <i>J 5984.5</i>	Barrios Pier.	15° 44.1' N 88° 36.3' W	<b>Fl.G.</b> period 5s	59 18	5		
16417.2 <i>J 5984.6</i>	Port Facilities.	15° 44.1' N 88° 36.1' W	<b>Fl.(3)W.</b>	16 5	8		
16417.3 <i>J 5984.8</i>	Maritime, S.	15° 44.0' N 88° 36.3' W	<b>Fl.G.</b> period 5s	59 18	5		
16417.4 <i>J 5984.9</i>	Maritime Operations.	15° 44.0' N 88° 36.2' W	<b>Fl.G.</b> period 5s	59 18	5		
16418 <i>J 5985</i>	<b>Puerto Barrios.</b>	15° 43.9' N 88° 35.9' W	<b>Fl.W.</b> period 8s		25		
16419 <i>J 5984</i>	Heredia Shoal.	15° 50.8' N 88° 40.4' W	<b>Fl.R.</b> period 3s fl. 0.4s, ec. 2.6s	20 6		White and orange framework structure.	
16420 <i>J 5982</i>	Ox Tongue Shoal.	15° 53.6' N 88° 41.1' W	<b>Fl.W.</b> period 3s fl. 0.4s, ec. 2.6s	13 4	12	White and orange framework structure.	<b>Radar reflector.</b>

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>GUATEMALA</b>							
16424 <i>J 5992</i>	<b>Cabo Tres Puntas.</b>	15° 57.8' N 88° 35.9' W	<b>Fl.W.</b> period 3s fl. 0.4s, ec. 2.6s	132 40	17	White framework tower.	
<b>HONDURAS</b>							
PUERTO CORTES:							
16428 <i>J 5994</i>	<b>-Puerto Cortes.</b>	15° 51.3' N 87° 57.6' W	<b>Fl.W.</b> period 5s	190 58	20	Red metal tower, white band; 46.	
16431 <i>J 5994.1</i>	-Texaco Pier, W. head.	15° 50.6' N 87° 57.7' W	<b>Fl.(6)Y.</b> period 15s				
16431.5 <i>J 5994.11</i>	--E. head.	15° 50.6' N 87° 57.7' W	<b>Fl.(6)Y.</b> period 15s				
16432 <i>J 5997</i>	<b>Punta Sal.</b>	15° 55.5' N 87° 36.2' W	<b>Fl.(4)W.</b> period 30s	275 84	15	White framework tower; 49.	
16440 <i>J 5999</i>	<b>Punta Izopo.</b>	15° 50.9' N 87° 22.5' W	<b>Fl.W.</b> period 5s	132 40	20	White framework tower; 49.	
16445 <i>J 6006</i>	-E. breakwater, head.	15° 48.0' N 86° 45.6' W	<b>Fl.G.</b> period 3s	30 9	6	Red and white metal tower.	
16446 <i>J 6006.1</i>	-W. breakwater, head.	15° 47.9' N 86° 45.7' W	<b>Fl.R.</b> period 3s	30 9	6	Red and white metal tower.	
16447 <i>J 6002</i>	<b>Pumpkin Hill.</b>	16° 07.3' N 86° 52.8' W	<b>Fl.W.</b> period 9s	56 17	19	Red and white round metal tower.	
ISLA DE UTILA:							
16448 <i>J 6003</i>	-Puerto East, E. Reef.	16° 05.2' N 86° 53.9' W	<b>F.W.</b>		4	Wooden building.	
16457 <i>J 6009.7</i>	<b>Punta Caxinas.</b>	16° 01.6' N 86° 00.5' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	75 23	19		
16460 <i>J 6007</i>	<b>Isla de Roatan.</b>	16° 18.0' N 86° 35.3' W	<b>Fl.W.</b> period 9s	69 21	19	White concrete tower, red bands.	
16461 <i>J 6008.2</i>	<b>-Punta Oeste.</b>	16° 16.1' N 86° 36.1' W	<b>Fl.W.</b> period 9.5s	69 21	19	White round metal tower, red bands.	
16473 <i>J 6009.6</i>	<b>-Cochino Grande.</b>	15° 58.6' N 86° 28.6' W	<b>Fl.W.</b> period 5s	516 157	18	Red and white metal structure.	
16476 <i>J 6010</i>	Isla de Guanaja, Pond Cay.	16° 26.2' N 85° 53.0' W	<b>Q.G.</b>		2	Gray concrete column; 30.	
16477 <i>J 6010.5</i>	<b>Black Rock Point.</b>	16° 29.9' N 85° 49.0' W	<b>Fl.W.</b> period 9s	72 22	19		
16478 <i>J 6012</i>	<b>-Cabo Camaron.</b>	15° 59.2' N 85° 01.7' W	<b>Fl.W.</b> period 5s	73 22	19	Red tower, white bands.	
16479 <i>J 6013</i>	<b>-Punta Patuca.</b>	15° 48.9' N 84° 18.2' W	<b>Fl.W.</b> period 10s	73 22	22	Red and white metal structure.	
16480 <i>J 6016</i>	<b>Islas de El Cisne AVIATION LIGHT.</b>	17° 25.4' N 83° 56.6' W	<b>Fl.W.</b> period 5s	70 21	28		3 Fl.R. 1.5s (vert.) on tower 1 mile E. Occasional.
16481 <i>J 6018</i>	Cayos Vivorillo.	15° 50.0' N 83° 17.7' W	<b>Fl.W.</b> period 10s		13		
16483 <i>J 6014</i>	<b>-Cabo Falso.</b>	15° 15.2' N 83° 23.7' W	<b>Fl.W.</b> period 5s	75 23	18	Red and white metal structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>NICARAGUA</b>							
PUERTO CABEZAS:							
16484 <i>J 6048</i>	-Puerto Cabezas.	14° 01.3' N 83° 23.1' W	<b>Fl.W.</b> period 2.5s	230 <b>70</b>			Private light.
16488 <i>J 6052</i>	Puerto Isabel Range, front.	13° 21.7' N 83° 33.7' W	<b>F.R.</b>			Shed.	
16492 <i>J 6052.1</i>	-Rear, 90 meters 276° from front.	13° 21.0' N 83° 33.0' W	<b>F.W.</b>				
16500 <i>J 6064</i>	El Bluff.	11° 59.6' N 83° 41.0' W	<b>Fl.W.</b> period 3.8s fl. 0.3s, ec. 3.5s	163 <b>50</b>	14	Red metal framework tower; 26.	
16502 <i>J 6065</i>	Little Corn Island, summit.	12° 17.7' N 82° 58.7' W	<b>Fl.W.</b>		8		
<b>COSTA RICA</b>							
16504 <i>J 6068</i>	Limon, Isla Uvita, summit.	9° 59.7' N 83° 00.7' W	<b>Fl.W.</b> period 10s	134 <b>41</b>	5	White metal framework tower; 82.	Fl.R. 2s and F.R. on radio tower 0.9 mile WNW. Aero.Al.Fl.W.G. 10s 2 miles SW., R. lights on radio tower 1.5 miles SW. Occasional.
16508 <i>J 6069</i>	-Container pier, S. head.	9° 59.3' N 83° 01.2' W	<b>Fl.R.</b> period 1.5s	49 <b>15</b>	10		
16516 <i>J 6067</i>	Bahia Moin, Isla Pajaros.	10° 01.1' N 83° 04.6' W	<b>Fl.W.</b> period 2.5s fl. 0.5s, ec. 2s			Tower.	
16520 <i>J 6067.2</i>	-Puerto Moin Range, front.	10° 00.3' N 83° 04.6' W	<b>F.W.</b>			White mast, black bands.	
16524 <i>J 6067.21</i>	--Rear, 130 meters 151° from front.	10° 00.2' N 83° 04.5' W	<b>F.W.</b>			White mast, black bands.	
16527 <i>J 6072</i>	Sixaola.	9° 34.1' N 82° 33.6' W	<b>Fl.W.</b> period 10s	46 <b>14</b>	11	White metal framework tower; 39.	Visible 114°-315°.
	RACON		<b>K(- • -)</b>		20		(3 & 10cm).
<b>PANAMA</b>							
BAHIA ALMIRANTE:							
16528 <i>J 6081</i>	-Hospital point.	9° 20.0' N 82° 13.2' W	<b>Fl.(2)W.</b> period 10s	36 <b>11</b>	13	Metal pedestal; 7.	F.R. lights on radio masts 1.2 miles, 1.9 miles and 2.2 miles WNW.
16530 <i>J 6081.2</i>	--Beacon No 8.	9° 20.4' N 82° 13.4' W	<b>Q.R.</b>	16 <b>5</b>		Red beacon.	
16532 <i>J 6085</i>	-Bocas del Toro, pier, NE. corner.	9° 20.1' N 82° 14.4' W	<b>Fl.G.</b>	27 <b>8</b>		White pedestal; 20.	
16544 <i>J 6085.2</i>	--Pier, SW. corner.	9° 20.1' N 82° 14.4' W	<b>Fl.R.</b>				
16564 <i>J 6086</i>	-Juan Point.	9° 18.1' N 82° 17.7' W	<b>Fl.G.</b> period 4s fl. 0.5s, ec. 3.5s	15 <b>5</b>	5	Green tower.	
16568 <i>J 6088</i>	-Pondsock Reef.	9° 17.3' N 82° 19.7' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	15 <b>5</b>	5	Black tower, red bands.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>PANAMA</b>							
16570 <i>J 6089</i>	-Almirante, pier.	9° 17.3' N 82° 23.4' W	<b>Fl.R.</b>			Post.	
16572 <i>J 6090</i>	-Isla Pastores, NW. head.	9° 14.6' N 82° 21.0' W	<b>Fl.W.</b> period 10s fl. 1.5s, ec. 8.5s	60 18	9	Metal windmill tower; 49.	
16576 <i>J 6090.3</i>	-Roca Tigre.	9° 13.1' N 81° 56.5' W	<b>Fl.W.</b> period 5s fl. 1.5s, ec. 3.5s	50 15		Metal tower.	
	-RACON		<b>P(• - - •)</b> period 70s		18		(3cm).
16580 <i>J 6090.5</i>	-Chiriqui Range, front.	8° 56.6' N 82° 06.8' W	<b>Q.W.</b>			White round tower, black stripe.	F.R. obstruction lights on tower 1.4 miles W., F.Y. on oil tanks 1.5 miles W. Visible 202°-222°.
16584 <i>J 6090.51</i>	--Rear, 60 meters 212° from front.	8° 56.5' N 82° 06.8' W	<b>Fl.W.</b> period 4s fl. 0.3s, ec. 3.7s			White round tower, black stripe.	Visible 202°-222°.
16588 <i>J 6091</i>	Escudo de Veraguas.	9° 05.4' N 81° 32.7' W	<b>Fl.W.</b> period 7s fl. 0.5s, ec. 6.5s	120 37	6	White square framework tower; 20.	
LIMON BAY:							
16592 <i>J 6092</i>	-Toro Point.	9° 22.3' N 79° 57.0' W	<b>L.Fl.W.</b> period 30s fl. 5s, ec. 25s	108 33	16	White metal tower, stone base.	
16593 <i>J 6133</i>	-Manzanillo Entrance, W. head.	9° 22.9' N 79° 53.9' W	<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	82 25	10		
16594 <i>J 6133.2</i>	-- E. head.	9° 22.9' N 79° 53.7' W	<b>Fl.G.</b> period 5s fl. 1s, ec. 4s	75 23	10		
16595 <i>J 6133.6</i>	-Range, front, A.	9° 21.9' N 79° 53.8' W	<b>Oc.W.</b> period 8s			White diamond daymark, black stripe.	
16596 <i>J 6133.61</i>	--Rear, B, 60 meters 180° from front.	9° 21.9' N 79° 53.8' W	<b>Oc.W.</b> period 8s			White diamond daymark, black stripe.	
16600 <i>J 6102</i>	-W. breakwater, head.	9° 23.3' N 79° 55.3' W	<b>V.Q.(2)R.</b> period 2s	100 30	16	Tripod, platform, red rectangular daymark.	<b>Radar reflector.</b>
16604 <i>J 6098</i>	-E. breakwater, head.	9° 23.3' N 79° 54.9' W	<b>Mo.(U)G.</b> period 20s fl. 0.5s, ec. 3s fl. 0.5s, ec. 3s fl. 5s, ec. 8s	108 33	16	Green metal tower, green triangular daymark point up.	F.R. on chimney 5.9 miles E. F.R. on signal station 1.7 miles E., Q.R. and 3 F.R. (vert.) on mast 1.9 miles SSE. 4 F.R. on each of 2 water tanks 3.5 miles SSE. F.R. 2.1 miles SSE.
	-RACON		<b>U(• • -)</b>		6		(3 & 10cm).
16605 <i>J 6112</i>	-Explosive Anchorage, near W. limit.	9° 22.3' N 79° 56.5' W	<b>Fl.Y.</b> period 2s fl. 0.5s, ec. 1.5s	15 5		Yellow beacon.	
16606 <i>J 6093.212</i>	-Cristobal Harbor, beacon No 2.	9° 20.8' N 79° 54.2' W	<b>Q.R.</b>			Red beacon.	
16606.1 <i>J 6123</i>	-Beacon No 3.	9° 20.8' N 79° 54.1' W	<b>Oc.G</b> period 5s lt. 4.5s, ec. 0.5s			Green beacon.	
16606.2 <i>J 6124</i>	--No 4.	9° 20.7' N 79° 54.1' W	<b>Oc.R.</b> period 5s lt. 4.5s, ec. 0.5s			Red beacon.	
16606.3 <i>J 6124.5</i>	--No 5.	9° 20.7' N 79° 54.0' W	<b>Oc.G</b> period 5s lt. 4.5s, ec. 0.5s			Green beacon.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>PANAMA</b>							
16606.4 <i>J 6125</i>	--No 6.	9° 20.7' N 79° 54.1' W	<b>Oc.R.</b> period 5s lt. 4.5s, ec. 0.5s			Red beacon.	
16606.5 <i>J 6126</i>	--No 8.	9° 20.6' N 79° 54.1' W	<b>Oc.R.</b> period 5s lt. 4.5s, ec. 0.5s			Red beacon.	
16606.6 <i>J 6127</i>	--No 7.	9° 20.6' N 79° 54.1' W	<b>Oc.G.</b> period 5s lt. 4.5s, ec. 0.5s			Green beacon.	
16606.7 <i>J 6129</i>	--No 9.	9° 20.5' N 79° 54.1' W	<b>Q.G.</b>			Green beacon.	
16606.8 <i>J 6130</i>	--No 10.	9° 20.5' N 79° 54.1' W	<b>Oc.R.</b> period 5s lt. 4.5s, ec. 0.5s			Red beacon.	
16608 <i>J 6094.1</i>	-Gatun Approach Range, front.	9° 19.1' N 79° 55.0' W	<b>F.G.</b>			White beacon.	Visible on range line only.
16608.5 <i>J 6131.1</i>	--Rear, 007°48' from front.	9° 19.3' N 79° 55.0' W	<b>Oc.G.</b>	157 48	15		Visible on range line only.
16612 <i>J 6132</i>	-Panama Canal, Atlantic Entrance Range, front.	9° 17.5' N 79° 55.2' W	<b>F.G.</b>				R. lights shown on W. side and G. lights shown on E. side of dredged channel and in Limon Bay. The canal is marked by lights, and leading lights mark the center of the channel.
16616 <i>J 6132.1</i>	--Middle, 1037 meters, 180°15' from front.	9° 16.9' N 79° 55.2' W	<b>F.G.</b>	98 30	15	Concrete conical tower; 75.	Visible on range line only.
16620 <i>J 6132.2</i>	--Rear, 2278 meters 180°15' from front.	9° 16.3' N 79° 55.2' W	<b>Oc.G.</b>	158 48	15	Concrete conical tower; 46.	Visible on range line only. F.R. lights shown on each of 2 radio towers 1.1 miles NE.
BAHIA LAS MINAS:							
16621 <i>J 6134</i>	-Range, front.	9° 23.8' N 79° 49.3' W	<b>F.G.</b>			Framework tower, orange diamond daymark, white stripe.	
16621.1 <i>J 6134.1</i>	--Rear, 80 meters 171° from front.	9° 23.8' N 79° 49.3' W	<b>F.G.</b>			Framework tower, orange diamond daymark, white stripe.	
16622 <i>J 6134.2</i>	-Range, front.	9° 23.3' N 79° 48.7' W	<b>F.G.</b>			Beacon, orange diamond daymark.	
16622.1 <i>J 6134.21</i>	--Rear, 160 meters 148°45' from front.	9° 23.2' N 79° 48.6' W	<b>F.G.</b>			Beacon, orange diamond daymark.	
16622.5 <i>J 6134.3</i>	-Cement Jetty.	9° 23.3' N 79° 48.8' W	<b>Fl.(2)+L.Fl.Y.</b> period 15s				<i>Reported 2006.</i>
16622.7 <i>J 6134.36</i>	-Cargo dock, S. end.	9° 23.3' N 79° 48.9' W	<b>Iso.R.</b> period 5s				
16622.8 <i>J 6134.38</i>	--N. end.	9° 23.4' N 79° 48.9' W	<b>Iso.G.</b> period 5s				
16623 <i>J 6134.6</i>	-NW. Pier, N. head.	9° 23.8' N 79° 49.1' W	<b>F.R.</b>				
16623.1 <i>J 6134.8</i>	-Tanker jetty, N. head.	9° 23.6' N 79° 49.1' W	<b>F.R.</b>				
16624 <i>J 6136</i>	Farallon Sucio Rock, summit.	9° 38.6' N 79° 38.2' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	107 33	12	White concrete pyramidal tower; 23.	
16628 <i>J 6138</i>	Isla Grande, off Punta Manzanillo.	9° 38.2' N 79° 33.5' W	<b>Fl.W.</b> period 5s fl. 0.3s, ec. 4.7s	305 93	12	White metal tower, stone base; 85.	

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

16630 J 6143	Puerto Obaldia.	8° 40.0' N 77° 25.0' W	L.F.I.W. period 10s fl. 2s, ec. 8s	39 12	8	White framework tower; 38.	
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# Section 12

## North Coast of South America Including Colombia, Venezuela, Guyana, Suriname and French Guiana

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLOMBIA</b>							
16632 <i>J 6144</i>	<b>Cabo Tiburon.</b>	8° 40.6' N 77° 21.5' W	<b>Fl.(3)W.</b> period 15s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 10.5s	341 104	15	Red metal tower, white bands; 59.	
16633 <i>J 6144.2</i>	-Sapzurro East.	8° 39.6' N 77° 21.5' W	<b>Fl.Y.</b> period 3s fl. 0.3s, ec. 2.7s	36 11	12	Red tower, white bands; 16.	
16634 <i>J 6144.21</i>	--West.	8° 39.7' N 77° 21.7' W	<b>Fl.Y.</b> period 3s fl. 0.3s, ec. 2.7s	36 11	12	Red tower, white bands; 16.	
16635 <i>J 6144.5</i>	Acandi.	8° 31.0' N 77° 16.2' W	<b>Fl.(2)W.</b> period 10s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 7.2s	49 15	12	Red metal framework tower, white bands; 39.	
16636 <i>J 6147</i>	Isla de los Muertos.	8° 07.9' N 76° 48.8' W	<b>Fl.(2)W.</b> period 9s fl. 1s, ec. 2s fl. 1s, ec. 5s	66 20	13	Red metal tower, white bands; 59.	<b>AIS</b> (MMSI No 997301001).
16638 <i>J 6147.5</i>	Punta Yarumal.	8° 06.6' N 76° 44.9' W	<b>Fl.(2)W.</b> period 5s fl. 0.8s, ec. 0.8s fl. 0.8s, ec. 2.8s	66 20	13	Red and white tower; 59.	
16639 <i>J 6147.8</i>	Faro de Matuntugo.	8° 08.2' N 76° 50.4' W	<b>Fl.(3)W.</b> period 12s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 7.2s	66 20	10	Metal framework tower, red and white bands.	
16648 <i>J 6149</i>	<b>Punta de las Vacas.</b>	8° 03.8' N 76° 44.6' W	<b>Fl.(2)W.</b> period 10s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 7.2s	66 20	15	White metal tower, red bands; 59.	
	<b>RACON</b>		<b>B(- • • •)</b>				(3 & 10cm).
16649 <i>J 6149.2</i>	U6.	8° 03.9' N 76° 44.0' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	7 2	3	Red beacon.	
16650 <i>J 6148.5</i>	Bocas del Leoncito.	8° 01.0' N 76° 50.2' W	<b>Fl.(4)W.</b> period 10s fl. 0.7s, ec. 0.8s fl. 0.7s, ec. 0.8s fl. 0.7s, ec. 0.8s fl. 0.7s, ec. 4.8s	44 14	11	Red tower, white bands; 39.	
16651 <i>J 6149.5</i>	Rio Leon.	7° 56.3' N 76° 45.0' W	<b>Fl.W.</b> period 8s fl. 0.5s, ec. 7.5s	49 15	12	White metal tower, red bands; 39.	
16652 <i>J 6146.5</i>	Punta Caiman.	8° 16.1' N 76° 46.3' W	<b>Fl.W.</b> period 7.5s fl. 0.8s, ec. 6.7s	66 20	12	White metal tower, red bands; 59.	
16656 <i>J 6146</i>	Punta Arenas del Norte.	8° 33.3' N 76° 56.2' W	<b>Fl.(2+1)W.</b> period 8s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 0.5s fl. 1.5s, ec. 4.5s	66 20	10	White metal tower, red bands; 59.	
16660 <i>J 6145</i>	Punta Caribana.	8° 37.4' N 76° 53.3' W	<b>Fl.(2)W.</b> period 8s fl. 1s, ec. 2s fl. 1s, ec. 4s	276 84	10	White tower, red bands; 7.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLOMBIA</b>							
16662 <i>J 6151</i>	<b>Isla Tortuguilla.</b>	9° 01.6' N 76° 20.3' W	<b>Fl.W.</b> period 10s fl. 0.3s, ec. 9.7s	69 21	15	Red and white tower; 59.	
16664 <i>J 6152</i>	<b>Isla Fuerte.</b>	9° 23.5' N 76° 10.7' W	<b>Fl.(3)W.</b> period 10s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 5.2s	144 44	16	White metal framework tower, red bands; 108.	
GOLFO DE MORROSQUILLO:							
16674 <i>J 6153.6</i>	-- <i>Tanker Loading Unit TLU-3.</i>	9° 31.7' N 75° 47.2' W	<b>Mo.(U)Y.</b> period 15s				
16678 <i>J 6154.5</i>	Roca Morrosquillo.	9° 35.5' N 75° 59.5' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	20 6	10	Red tower, white bands.	
16679 <i>J 6156</i>	<b>Isla Ceycen.</b>	9° 41.6' N 75° 51.3' W	<b>Fl.W.</b> period 10s fl. 0.8s, ec. 9.2s	66 20	17	Red tower, white bands; 59.	
16680 <i>J 6157</i>	Isla Mucura.	9° 47.0' N 75° 52.2' W	<b>Fl.W.</b> period 6.7s fl. 0.5s, ec. 6.2s	66 20	11	Red tower, white bands; 59.	
16684 <i>J 6159</i>	Isla Arenas.	10° 08.7' N 75° 43.6' W	<b>Fl.W.</b> period 12s fl. 1.2s, ec. 10.8s	66 20	13	White metal tower, red stripes; 59.	
16687.1 <i>J 6159.7</i>	Isla del Rosario.	10° 10.1' N 75° 48.0' W	<b>Fl.W.</b> period 10s fl. 0.8s, ec. 9.2s	46 14	12	White tower, red bands; 39.	
16688 <i>J 6160</i>	Isla del Tesoro.	10° 14.1' N 75° 44.4' W	<b>Fl.W.</b> period 6.6s fl. 0.5s, ec. 6.1s	66 20	12	White tower, red bands.	
CARTAGENA:							
16700 <i>J 6166</i>	<b>-Isla Tierra Bomba.</b>	10° 20.4' N 75° 34.9' W	<b>Fl.W.</b> period 12s fl. 1.2s, ec. 10.8s	367 112	26	Red metal framework tower, white bands; 131.	
16703 <i>J 6166.1</i>	-Bajos de Coquitos, pier, E.	10° 16.9' N 75° 33.4' W	<b>Fl.(4)W.</b> period 9s	36 11	4	Yellow post, "X" topmark.	
16703.5 <i>J 6166.2</i>	---W.	10° 16.8' N 75° 33.5' W	<b>Fl.(4)W.</b> period 9s	36 11	4	Yellow post, "X" topmark.	
16704	- <i>Sea buoy.</i>	10° 19.0' N 75° 35.9' W	<b>Q.W.</b>			SAFE WATER RW, buoy, topmark.	
	-RACON		<b>C(- • - •)</b>				(3 & 10cm).
16705 <i>J 6166.73</i>	-Port Mamonal, Ecopetrol pier, N.	10° 19.1' N 75° 30.7' W	<b>Q.Bu.</b>				5 Q.Bu. shown along pier.
16705.1 <i>J 6166.69</i>	--S.	10° 19.0' N 75° 30.7' W	<b>Q.Bu.</b>				
16705.5 <i>J 6166.92</i>	-Atunes de Colombia.	10° 20.7' N 75° 30.5' W	<b>Fl.Bu.</b> period 4s fl. 1.5s, ec. 2.5s				
16725.5 <i>J 6167.65</i>	-2 ENAP, Range, front.	10° 23.3' N 75° 31.8' W	<b>Q.Y.</b>	59 18	10	White tower, red bands; 30.	
16725.51 <i>J 6167.66</i>	--1 ENAP, rear, about 110 meters 000° from front.	10° 23.4' N 75° 31.8' W	<b>Q.Y.</b>	72 22	10	White tower, red bands; 16.	
16726 <i>J 6167.6</i>	<b>Castillo Grande.</b>	10° 23.5' N 75° 32.7' W	<b>Fl.W.</b> period 15s fl. 1.2s, ec. 13.8s	79 24	20	Beige concrete tower; 72.	Beacons "E1" Fl G 3s 5M and "E2" Fl R 3s 4M mark small craft passage 1.5 miles W.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLOMBIA</b>							
16727 J 6167.2	Naval Base pier.	10° 24.7' N 75° 32.8' W	<b>Fl.Bu.</b> period 3.5s fl. 1s, ec. 2.5s	11 4	5		4 Fl.Bu. 3.5s shown along pier.
16732 J 6172	<b>-Crespo AVIATION LIGHT.</b>	10° 26.8' N 75° 31.0' W	<b>Al.Fl.W.G.</b> period 10s		20		
16736 J 6174	Punta Canoas.	10° 34.4' N 75° 30.0' W	<b>Fl.W.</b> period 5s fl. 0.4s, ec. 4.6s	315 96	12	Red and white tower; 39.	
16740 J 6176	<b>Punta Galera.</b>	10° 47.1' N 75° 16.0' W	<b>Oc.W.</b> period 4s lt. 2.5s, ec. 1.5s	39 12	18	White fiberglass tower, red bands.	
16744 J 6180	<b>Punta Hermosa.</b>	10° 57.8' N 75° 01.1' W	<b>Oc.W.</b> period 4s lt. 2.5s, ec. 1.5s	440 134	28	White tower, red bands; 39.	
RIO MAGDALENA:							
16747 J 6190	-F-1, E. breakwater, head.	11° 06.4' N 74° 51.0' W	<b>Iso.G.</b> period 2s	66 20	9	White tower, orange bands.	
16748 J 6188	-F-2, W. breakwater, head.	11° 06.4' N 74° 51.3' W	<b>Iso.R.</b> period 2s	75 23	13	White framework tower, orange bands.	
	-RACON		<b>B(- • • •)</b>				(3 & 10cm).
16756 J 6191	-E-1 Range, front, on E. breakwater, common front.	11° 06.2' N 74° 50.9' W	<b>Iso.Bu.</b> period 5s	33 10	13	Metal framework tower, white rectangular daymark, red stripe.	Rear 16760.
			<b>Iso.W.</b> period 4s	33 10	9		Rear 16761.
16760 J 6191.1	--E-3 Rear, 310 meters 139°18' from front.	11° 06.1' N 74° 50.8' W	<b>Iso.Bu.</b> period 5s	72 22	9	Orange and white framework tower, white rectangular daymark, red stripe.	
16761 J 6191.2	--E-3A Rear, 135°42' from front.	11° 06.0' N 74° 50.7' W	<b>Iso.W.</b> period 5s	66 20	12	Metal framework tower, white rectangular daymark, red stripe.	
16763 J 6193.5	-X-1.	11° 06.1' N 74° 51.0' W	<b>Fl.(4)G.</b> period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	26 8	6	Red framework tower, white bands.	
16764 J 6194	-X-2, W. side of river.	11° 06.0' N 74° 51.2' W	<b>Fl.(4)R.</b> period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	20 6	6	Red framework tower, white bands.	
16766 J 6201	-X-3.	11° 05.5' N 74° 50.8' W	<b>Fl.(4)G.</b> period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	26 8	6	Red framework tower, white bands.	
16768 J 6196	-X-4, W. side of river.	11° 05.6' N 74° 51.1' W	<b>Iso.R.</b> period 4s	26 8	4	Orange framework tower, white bands.	
16772 J 6198	-E-4.	11° 04.2' N 74° 50.8' W	<b>Dir.Iso.W.</b> period 4s	36 11	4	Orange metal tower, white bands.	Visible on bearing 322°12'.
			<b>Iso.R.</b> period 4s				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLOMBIA</b>							
16776 <i>J 6200</i>	-X-5.	11° 05.4' N 74° 50.8' W	<b>Fl.(4)G.</b> period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	26 8	6	Red framework tower, white bands.	
16780 <i>J 6202</i>	-X-6, W. side of river.	11° 05.3' N 74° 51.0' W	<b>Fl.(4)R.</b> period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	20 6	6	White framework tower, red bands.	
16784 <i>J 6191.9</i>	-E-6 Range, front.	11° 03.9' N 74° 50.7' W	<b>Iso.Bu.</b> period 2s	36 11	11	Orange framework tower, white bands, red rectangular daymark, white stripes.	Visible 166°-170°.
16788 <i>J 6191.91</i>	--E-8 Rear, 695 meters 167°42' from front.	11° 03.5' N 74° 50.6' W	<b>Iso.Bu.</b> period 4s	82 25	15	Red and white framework tower, white rectangular daymark, red stripe.	Visible on range line only.
16790 <i>J 6193</i>	-E-16 Range, front.	11° 03.2' N 74° 50.2' W	<b>Iso.Bu.</b> period 6s	39 12	9	Orange and white framework tower.	
16790.5 <i>J 6192.1</i>	--E-14 Rear, 512 meters 302° from front.	11° 03.4' N 74° 50.4' W	<b>Iso.Bu.</b> period 6s	79 24	9	Tower.	
16792 <i>J 6204</i>	-X-8, W. side of river.	11° 04.9' N 74° 51.0' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	26 8	4	Orange framework tower, white bands.	
16804 <i>J 6206</i>	-X-10, W. side of river, below Las Flores.	11° 04.6' N 74° 50.9' W	<b>Fl.(4)R.</b> period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	20 6	6	White framework tower, red bands.	
16806 <i>J 6216</i>	-E-18 Range, front.	11° 02.6' N 74° 49.5' W	<b>Dir.Iso.W.R.G.</b> period 4s	43 13	8	White metal framework tower, red bands.	R. 137°30'-141°30'. W.- 142°30', G.-146°30'.
16807 <i>J 6218</i>	-E-20 Rear, 522 meters 142° 12' from front.	11° 02.4' N 74° 49.4' W	<b>Iso.Bu.</b> period 4s	98 30	15	White and orange metal framework tower, white rectangular daymark, orange stripe.	
16808 <i>J 6207</i>	-X-12.	11° 03.9' N 74° 50.7' W	<b>Fl.(4)R.</b> period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	20 6	6	Red framework tower, white bands.	
16810 <i>J 6208</i>	-X-14.	11° 03.5' N 74° 50.4' W	<b>Fl.(4)R.</b> period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	20 6	6	White framework tower, red bands.	
16811 <i>J 6222.5</i>	-X-7.	11° 02.5' N 74° 48.9' W	<b>Fl.(4)G.</b> period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	26 8	6	Red framework tower, white bands.	
16812 <i>J 6214</i>	-X-16.	11° 03.0' N 74° 50.0' W	<b>Fl.(3)R.</b> period 9s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 4.2s	26 8	4	Orange framework tower, white bands.	
16813 <i>J 6222.8</i>	-X-9.	11° 02.2' N 74° 48.3' W	<b>Fl.(4)G.</b> period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	26 8	6	Red framework tower, white bands.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLOMBIA</b>							
16813.5 <i>J 6223</i>	-X-11.	11° 01.8' N 74° 47.7' W	<b>Fl.(4)G.</b> period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	26 8	6	Red framework tower, white bands, red and white rectangular daymark.	
16814 <i>J 6226</i>	-X-13.	11° 01.6' N 74° 47.4' W	<b>Fl.(4)G.</b> period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	26 8	6	Red framework tower, white bands, red and white rectangular daymark.	
16815 <i>J 6229</i>	-X-15.	11° 01.4' N 74° 47.1' W	<b>Q.(3)Y.</b> period 5s	26 8	4	Orange framework tower, white bands.	
16818 <i>J 6229.51</i>	-E-7.	11° 00.6' N 74° 46.0' W	<b>Dir.Iso.W.R.G.</b> period 5s	52 16	8	Red and white tower; 76.	R. 118°30'-121°30', W.-122°30', G.-125°30'
16819 <i>J 6229.2</i>	-X-17.	11° 01.1' N 74° 46.7' W	<b>Q.(3)Y.</b> period 5s	26 8	4	Orange framework tower, white bands.	
16821 <i>J 6236</i>	Coal loading jetty, SW corner.	11° 04.3' N 74° 14.2' W	<b>Fl.R.</b>				
16822 <i>J 6236.1</i>	-NE corner.	11° 04.3' N 74° 14.2' W	<b>Fl.R.</b>				
16828 <i>J 6254</i>	Simon Bolivar AVIATION LIGHT.	11° 07.0' N 74° 14.0' W	<b>Al.FI.W.G.</b> period 10s			Tower.	
16831 <i>J 6255.3</i>	-SBM.	11° 09.2' N 74° 15.2' W	<b>Fl.W.</b> period 8s		8	Yellow CALM superbuoy.	<b>Radar reflector.</b>
	-RACON		<b>C(- • - •)</b>				(3 & 10cm).
BAHIA DE SANTA MARTA:							
16832 <i>J 6256</i>	-Morro Grande.	11° 15.0' N 74° 13.8' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	279 85	22	White and gray concrete tower; 76.	Obscured beyond Aguja Island 203°-212°.
	-RACON		<b>S(• • •)</b>				(3 & 10cm).
16835 <i>J 6265</i>	Puerto Brisa.	11° 15.6' N 73° 22.7' W	<b>Dir.W.R.G.</b> period 5s fl. 4s, ec. 1s	98 30	5	White tower.	Oc.R. 158°27'-159°27', Oc.W.-160°09', Oc.G.-161°09'.
16836 <i>J 6262</i>	Riohacha.	11° 32.6' N 72° 55.8' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	115 35	22	White metal framework tower, red bands; 98.	
16840 <i>J 6260</i>	Punta Manaure.	11° 47.1' N 72° 26.3' W	<b>Fl.W.</b> period 12s fl. 1s, ec. 11s	66 20	15	Red framework tower, white bands; 59.	
16841 <i>J 6261.2</i>	Chuchupa A.	11° 47.2' N 72° 46.3' W	<b>Mo.(U)W.</b> period 15s		5	Platform.	
16842 <i>J 6261.3</i>	-B.	11° 49.6' N 72° 49.7' W	<b>Mo.(U)W.</b> period 15s		5	Platform.	
16844 <i>J 6266</i>	Cabo de la Vela.	12° 13.0' N 72° 10.5' W	<b>Fl.W.</b> period 15s fl. 1.2s, ec. 13.8s	282 86	22	White metal framework tower, red bands; 26.	
16846 <i>J 6266.2</i>	Puerto Bolivar, coal loading pier, N.	12° 15.6' N 71° 57.9' W	<b>Q.R.</b>			Post.	
16846.3 <i>J 6266.4</i>	Punta Latata.	12° 16.8' N 71° 13.7' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	13 4	6	Tower.	<b>Radar reflector.</b>
16846.6 <i>J 6266.3</i>	Pier extension, S.	12° 15.5' N 71° 57.8' W	<b>Oc.R.</b> period 3s lt. 2s, ec. 1s				

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>COLOMBIA</b>							
16846.8 <i>J 6266.33</i>	Waieint pier, head.	12° 15.5' N 71° 57.8' W	<b>Q.R.</b>				
16847 <i>J 6266.5</i>	Puerto Bolivar Range, front.	12° 15.3' N 71° 57.5' W	<b>Iso.Bu.</b> period 4s	16 5	3	Pile, white square daymark, red stripe.	
16847.5 <i>J 6266.51</i>	-Rear, 615 meters 147° from front.	12° 15.1' N 71° 57.3' W	<b>Oc.W.</b> period 3s lt. 2s, ec. 1s	33 10	3	Pile, red rectangular daymark, white stripe.	<b>Radar reflector.</b>
16848 <i>J 6267</i>	Punta Gallinas.	12° 27.5' N 71° 39.8' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	66 20	13	White tower, red bands; 59.	
16848.2 <i>J 6267.3</i>	Chimare.	12° 23.2' N 71° 26.5' W	<b>Fl.W.</b> period 12s fl. 1.2s, ec. 10.8s	72 22	13	Red tower, white bands; 59.	
16848.3 <i>J 6267.4</i>	Puerto Estrella.	12° 21.3' N 71° 18.7' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	66 20	13	Red framework tower, white bands; 59.	
16848.4 <i>J 6267.6</i>	<b>Chichibacoa.</b>	12° 18.0' N 71° 13.3' W	<b>Fl.W.</b> period 10s fl. 0.5s, ec. 9.5s	72 22	17	Red framework tower, white bands; 59.	
16849 <i>J 6267.8</i>	<b>Punta Espada.</b>	12° 04.8' N 71° 07.8' W	<b>Fl.W.</b> period 20s fl. 1.6s, ec. 18.4s	164 50	18	White metal framework tower, red bands; 56.	
16850 <i>J 6268</i>	<b>Castilletes.</b>	11° 51.1' N 71° 19.5' W	<b>Fl.W.</b> period 12s fl. 1s, ec. 11s	105 32	15	White metal framework tower, red bands; 98.	<b>AIS</b> (MMSI No 997301004).
<b>VENEZUELA</b>							
16851 <i>J 5700</i>	<b>Isla Aves.</b>	15° 40.4' N 63° 37.0' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	62 19	15	Column; 7.	
	RACON		<b>A(• -)</b>		20		(3 & 10cm).
16852 <i>J 6270</i>	<b>Monjes del Sur.</b>	12° 21.3' N 70° 54.1' W	<b>Fl.W.</b> period 11s fl. 0.6s, ec. 10.4s	253 77	28	Red masonry tower, white band; 33.	
	RACON		<b>Y(- • - -)</b>		30		(3 & 10cm).
16856 <i>J 6269</i>	<b>Punta Perret.</b>	11° 47.7' N 71° 20.4' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	95 29	24	Four-sided concrete tower; 95.	
LAGO DE MARACAIBO ENTRANCE:							
16860 <i>J 6274</i>	-Malecon Del Este, E. breakwater, head.	11° 01.2' N 71° 35.0' W	<b>Fl.W.</b> period 5s	46 14	10		
16860.2 <i>J 6275</i>	<b>-Isla San Carlos.</b>	11° 00.0' N 71° 36.3' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	75 23	18	Orange fiberglass tower, white band; 49.	
16872 <i>J 6279.9</i>	--Inner channel Range, front, Q.	10° 47.9' N 71° 37.6' W	<b>Fl.G.</b> period 1.5s fl. 0.5s, ec. 1s	89 27	7	Metal framework tower, concrete piles.	Tide gauge.
16872.1 <i>J 6280</i>	---Rear, P, 1646 meters 188°48' from front.	10° 47.0' N 71° 37.8' W	<b>Oc.G.</b> period 4.5s lt. 4s, ec. 0.5s	128 39	8	Metal framework tower, concrete piles.	
16873 <i>J 6283</i>	--Maracaibo channel Range, front, R.	10° 50.5' N 71° 38.2' W	<b>Fl.G.</b> period 1.5s fl. 0.5s, ec. 1s	89 27	7	Metal framework tower, concrete piles.	
16873.1 <i>J 6283.1</i>	---Rear, S, 1829 meters 330°49' from front.	10° 51.3' N 71° 38.6' W	<b>Fl.G.</b> period 4s	128 39	8	Truncated metal framework pyramid, concrete piles; 128.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>VENEZUELA</b>							
16873.81 <i>J 6285.6</i>	--EP3.	10° 46.9' N 71° 37.8' W	<b>FI.G.</b> period 5s fl. 0.5s, ec. 4.5s	13 4	5	Aluminum and green hut, platform, pile.	
	-Inner Channel:						
16873.82 <i>J 6285.4</i>	--Santa Cruz de Mara jetty.	10° 38.2' N 71° 36.2' W	<b>FI.W.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	2	Metal column.	
16873.83 <i>J 6287</i>	--Recalada Puerto de Maracaibo.	10° 38.2' N 71° 36.2' W	<b>FI.W.</b> period 4s fl. 1s, ec. 3s	49 15	11	Orange hexagonal fiberglass tower, white band; 33.	
16873.84 <i>J 6288</i>	--La Arreaga pier.	10° 36.0' N 71° 36.5' W	<b>FI.G.</b>				
16873.85 <i>J 6288.2</i>	---Elbow.	10° 36.0' N 71° 36.7' W	<b>3 FI.G.</b>				
16875 <i>J 6297</i>	Punta Borojo.	11° 12.1' N 70° 46.7' W	<b>FI.W.</b> period 12s fl. 1.2s, ec. 10.8s	62 19	11	Orange fiberglass tower, white band; 49.	
16875.5 <i>J 6294</i>	Moporo.	9° 34.8' N 71° 04.0' W	<b>FI.W.</b> period 12s fl. 1s, ec. 11s	62 19	11	Orange fiberglass frame, white band; 39.	
PENINSULA DE PARAGUANA:							
-Puerto de Guaranao:							
16879.7 <i>J 6299</i>	--Guaranao.	11° 40.0' N 70° 12.8' W	<b>FI.(2)R.G.</b> period 12s fl. 1.5s, ec. 2s fl. 1.5s, ec. 7s	121 37	9	Orange hexagonal fiberglass tower, white band; 33.	G. 040°-050°, R.-040°.
16879.8 <i>J 6299.6</i>	--Muelle Flotante.	11° 40.2' N 70° 13.1' W	<b>FI.R.</b> period 4s fl. 1s, ec. 3s	20 6	3	Red hexagonal fiberglass tower, white band; 10.	
16879.9 <i>J 6299.7</i>	---Fijo.	11° 40.2' N 70° 13.0' W	<b>FI.G.</b> period 4s fl. 1s, ec. 3s	20 6	3	Green hexagonal fiberglass tower, white band; 10.	
16880 <i>J 6310</i>	-Bahia de Amuay, front.	11° 45.1' N 70° 12.3' W	<b>FI.G.</b> period 5s	122 37	5	White framework tower, red bands.	Oc.R. 2s and 2 F.R. on each of 2 towers, 0.93 and 1.2 miles ESE.
16884 <i>J 6310.1</i>	--Rear, 365 meters 074°45' from front.	11° 45.2' N 70° 12.1' W	<b>FI.G.</b> period 5s	156 48	5	White framework tower, red bands.	
16890 <i>J 6300.4</i>	-Punto Fijo, Recalada BNFA.	11° 41.9' N 70° 12.7' W	<b>FI.(2)W.</b> period 10s	131 40	11	Orange hexagonal fiberglass tower, white band; 33.	
16892 <i>J 6301</i>	-Las Piedras, Naval Pier, head.	11° 42.1' N 70° 13.2' W	<b>FI.G.</b> period 3s fl. 1s, ec. 2s	23 7	9	Green fiberglass tower, white band; 10.	
16896 <i>J 6312</i>	<b>-Macolla.</b>	12° 05.8' N 70° 12.5' W	<b>FI.W.</b> period 10s fl. 1s, ec. 9s	157 48	20	Gray octagonal metal tower; 135.	
16900 <i>J 6314</i>	<b>-Cabo San Roman.</b>	12° 11.4' N 69° 59.9' W	<b>FI.W.</b> period 6s fl. 1s, ec. 5s	85 26	23	Four-sided masonry tower; 82.	
16904 <i>J 6428</i>	<b>-Punta Adicora.</b>	11° 56.7' N 69° 48.1' W	<b>FI.W.</b> period 16s fl. 1s, ec. 15s	52 16	23	Orange round fiberglass tower, white band; 49.	
16906 <i>J 6431</i>	Vela de Coro.	11° 34.3' N 69° 32.2' W	<b>Q.(3)W.</b> period 10s	49 15	6	Yellow metal pillar, platform.	
16910 <i>J 6433</i>	Rompeolas Muaco.	11° 29.3' N 69° 33.3' W	<b>FI.G.</b> period 4s fl. 1s, ec. 3s	16 5	9	Green hexagonal fiberglass tower, white band; 10.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>VENEZUELA</b>							
16912 <i>J 6434</i>	Punta Taima-Taima.	11° 30.2' N 69° 30.9' W	<b>Fl.W.</b> period 7s fl. 1s, ec. 6s	167 51	14	Orange fiberglass framework tower, white bands; 39.	
16920 <i>J 6438</i>	Punta Tomoro.	11° 31.9' N 69° 16.2' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	148 45	11	Orange hexagonal fiberglass tower, white band; 39.	
16924 <i>J 6440</i>	Punta Zamuro.	11° 26.4' N 68° 49.9' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	52 16	13	Orange fiberglass tower, white bands; 39.	
16928 <i>J 6441</i>	Punta Aguide.	11° 20.8' N 68° 40.6' W	<b>Fl.W.R.</b> period 15s	164 50	11	Orange fiberglass framework tower, white band; 39.	
16932 <i>J 6442</i>	Cayo Noroeste, W. side.	11° 13.1' N 68° 26.8' W	<b>Fl.W.</b> period 6s	49 15	12	Orange fiberglass tower, white band; 39.	
16936 <i>J 6444</i>	Cayo Borracho.	10° 58.4' N 68° 14.8' W	<b>Fl.W.</b> period 8s fl. 1s, ec. 7s	52 16	12	White truncated conical fiberglass tower, orange bands; 46.	
PUERTO CABELLO:							
16950 <i>J 6446.5</i>	-Silos Caribe, pier.	10° 29.4' N 68° 05.7' W	<b>Fl.G.</b> period 3s	79 24	10	Black framework tower; 13.	
16952 <i>J 6446</i>	-Puerto Cabello AVIATION LIGHT.	10° 28.6' N 68° 04.4' W	<b>Al.Fl.W.G.</b> period 4s	73 22	14	Tower.	
16956 <i>J 6448.4</i>	-Isla Guaiguaza.	10° 29.6' N 68° 02.5' W	<b>Fl.W.</b> period 8s fl. 1s, ec. 7s	43 13	14	Red hexagonal fiberglass tower, white band; 39.	
16959 <i>J 6448.7</i>	-La Planchita.	10° 29.0' N 68° 00.5' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	49 15	9	Green hexagonal fiberglass tower, white band; 43.	
16960 <i>J 6452</i>	-Isla Alcatraz.	10° 30.5' N 67° 58.5' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	62 19	11	Orange fiberglass tower, white band; 49.	
-RACON <span style="margin-left: 150px;"><b>M(- -)</b></span>							
16961 <i>J 6449</i>	-Naval quay, SW. head.	10° 29.1' N 68° 00.1' W	<b>Fl.G.</b> period 3s fl. 1s, ec. 2s	16 5	5	Green hexagonal fiberglass tower, white band.	
16961.3 <i>J 6449.5</i>	-Naval Base M-7.	10° 28.8' N 68° 00.0' W	<b>Fl.R.</b> period 5s fl. 1.5s, ec. 3.5s	20 6	4	Red hexagonal fiberglass structure, white band; 46.	
16961.7 <i>J 6449.7</i>	--M-32.	10° 28.4' N 67° 59.6' W	<b>Fl.R.</b> period 5s fl. 0.9s, ec. 4.1s	20 6	4	Red hexagonal fiberglass structure, white band; 39.	
16962 <i>J 6448.9</i>	-Inner harbor.	10° 29.1' N 68° 00.2' W	<b>Fl.(3)G.</b> period 15s	16 5	3	Green hexagonal fiberglass tower, red band; 10.	
16964 <i>J 6448</i>	<b>-Punta Brava.</b>	10° 29.4' N 68° 00.5' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	121 37	15	Red concrete tower, white band; 121.	F.R. lights on radio mast 0.6 mile S.
16965	Range, front.	10° 29.1' N 67° 59.0' W	<b>Q.W.</b>	36 11		White fiberglass tower, black stripes.	
16966	-Rear, 222 meters 140° from front.	10° 29.0' N 67° 58.9' W	<b>Q.W.</b>	43 13		White fiberglass tower, black stripes.	
16976 <i>J 6447</i>	<b>-Fortin Solano.</b>	10° 27.9' N 68° 01.2' W	<b>Fl.(3)W.</b> period 15.5s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8.5s	551 168	30	Orange metal and wooden structure, white band; 20.	
16988 <i>J 6452.6</i>	Isla Turiamo.	10° 29.0' N 67° 50.3' W	<b>Fl.W.</b> period 9s fl. 0.7s, ec. 8.3s	23 7	10	Orange metal framework tower, white bands; 10.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>VENEZUELA</b>							
16992 J 6453	Bahia de Turiamo, pier, head.	10° 27.2' N 67° 50.7' W	<b>L.F.I.G.</b> period 7s fl. 3s, ec. 4s	49 15	6	Green hexagonal metal framework tower, white band; 43.	
16993 J 6453.2	-S. head.	10° 27.1' N 67° 50.6' W	<b>FL.Y.</b> period 1.5s	13 4	4	Yellow framework tower; 10.	
16996 J 6453.4	<b>Morro Choroní.</b>	10° 30.6' N 67° 36.2' W	<b>FL.W.</b> period 5s fl. 0.9s, ec. 4.1s	348 106	18	White metal structure; 20.	
17000 J 6420	-Aves de Barlovento.	11° 56.5' N 67° 26.6' W	<b>FL.W.</b> period 10s fl. 1.5s, ec. 8.5s	46 14	12	Orange fiberglass tower, white band; 39.	
17004 J 6419	-Aves de Sotavento.	12° 03.5' N 67° 41.0' W	<b>FL.W.</b> period 6s fl. 0.5s, ec. 5.5s	52 16	12	Orange fiberglass tower, white band; 39.	
	-RACON		<b>S(•••)</b>		30		
17008 J 6424	<b>El Gran Roque.</b>	11° 57.5' N 66° 41.1' W	<b>FL.W.</b> period 10s fl. 1s, ec. 9s	374 114	18	White hexagonal fiberglass tower, orange bands; 20.	
	RACON		<b>R(• - •)</b>		20		(3 & 10cm).
17012 J 6425	-Cayo de Agua.	11° 50.2' N 66° 57.3' W	<b>FL.W.</b> period 15s fl. 1s, ec. 14s	52 16	12	Orange truncated conical fiberglass tower, white band; 46.	
17014 J 6476	<b>Isla La Blanquilla.</b>	11° 49.2' N 64° 36.2' W	<b>FL.W.</b> period 6s fl. 1s, ec. 5s	89 27	20	White fiberglass framework tower, orange bands; 39.	
	RACON		<b>Q(- - • -)</b>		25		
17016 J 6425.4	-Cayo Grande, Sebastopol.	11° 46.7' N 66° 35.0' W	<b>FL.W.</b> period 6s fl. 1s, ec. 5s	52 16	12	Orange truncated conical fiberglass tower, white band; 46.	
17020 J 6427	La Orchila, jetty.	11° 48.4' N 66° 11.6' W	<b>FL.W.</b> period 4s fl. 0.3s, ec. 3.7s	16 5	10	Orange metal pole, white band; 7.	
17024 J 6426	<b>-Cerro Walker.</b>	11° 49.0' N 66° 11.0' W	<b>FL.W.</b> period 10s fl. 1s, ec. 9s	449 137	20	Orange iron tower, white band; 20.	
	-RACON		<b>O(- - -)</b>		20		
17025 J 6427.5	-Range, front.	11° 47.0' N 66° 09.4' W	<b>Q.Y.</b>	43 13	10	Red fiberglass framework tower, white band; 39.	
17025.5 J 6427.51	--Rear, 539 meters 054° from front.	11° 47.2' N 66° 09.1' W	<b>Q.Y.</b>	52 16	10	Red fiberglass framework tower, white band; 49.	
ISLA LA TORTUGA:							
17028 J 6472	-Cayo Herradura.	10° 59.8' N 65° 23.1' W	<b>FL.W.</b> period 15s fl. 1s, ec. 14s	46 14	13	Orange truncated conical fiberglass tower, white band; 49.	
	-RACON		<b>T(-)</b>		20		
17032 J 6474	-Punta Oriental.	10° 54.0' N 65° 12.3' W	<b>FL.W.</b> period 7.5s fl. 0.5s, ec. 7s	56 17	11	Orange round fiberglass tower, white band; 39.	F.R. on radio towers 3.7 miles W., 8 miles WNW. and 4.1 miles NW.
17036 J 6462	<b>Isla Farallín.</b>	10° 48.9' N 66° 05.5' W	<b>FL.W.</b> period 12s fl. 1s, ec. 11s	125 38	25	Orange fiberglass framework tower, white band; 20.	
	RACON		<b>C(- • - •)</b>		20		
17037 J 6453.5	<b>Puerto Cruz.</b>	10° 32.2' N 67° 20.9' W	<b>FL.W.</b> period 10s fl. 1s, ec. 9s	1053 321	15	Orange fiberglass tower, white band; 39.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>VENEZUELA</b>							
17039 <i>J 6453.8</i>	Venezuelan Naval Squadron.	10° 35.6' N 67° 03.1' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	325 <b>99</b>	11	Red hexagonal structure, white band; 33.	
17049 <i>J 6455</i>	-Range, front.	10° 35.8' N 67° 02.2' W	<b>Fl.W.</b> period 10s				
17049.5 <i>J 6455.1</i>	--Rear, 124° from front.	10° 35.8' N 67° 02.2' W	<b>Fl.W.</b> period 10s				
LA GUAIRA:							
17052 <i>J 6457</i>	-AVIATION LIGHT.	10° 36.5' N 67° 00.3' W	<b>Fl.W.G.</b> period 10s	465 <b>142</b>	15	Metal framework tower.	
17058 <i>J 6458.5</i>	<b>-La Guaira.</b>	10° 34.9' N 66° 56.8' W	<b>L.Fl.W.</b> period 15.5s fl. 2s, ec. 13.5s	1394 <b>425</b>	25	Orange concrete tower, white band; 82.	
17064 <i>J 6459.5</i>	-N. breakwater.	10° 36.4' N 66° 57.1' W	<b>Fl.G.</b> period 3s fl. 0.8s, ec. 2.2s	46 <b>14</b>	13	Green fiberglass tower, white band; 33.	
17065 <i>J 6459.6</i>	-Cargo dock, W. end.	10° 36.2' N 66° 57.1' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	46 <b>14</b>	6	Red hexagonal fiberglass tower, white band; 39.	
17068 <i>J 6459</i>	-S. breakwater.	10° 36.1' N 66° 57.2' W	<b>Fl.R.</b> period 3s fl. 0.2s, ec. 2.8s	49 <b>15</b>	8	Red hexagonal fiberglass tower, white band; 43.	
17069 <i>J 6460.3</i>	-Breakwater, head.	10° 36.1' N 66° 56.7' W	<b>Fl.R.</b> period 2.5s fl. 0.3s, ec. 2.2s	46 <b>14</b>	6	Red hexagonal fiberglass tower, white band; 33.	
17070 <i>J 6460.4</i>	-Entrance Range, front.	10° 36.1' N 66° 56.3' W	<b>Fl.W.</b> period 5s fl. 1.5s, ec. 3.5s	39 <b>12</b>	10	Orange truncated pyramidal framework tower; 39.	
17070.5 <i>J 6460.45</i>	--Rear, 145 meters 108° from front.	10° 36.0' N 66° 56.2' W	<b>Fl.W.</b> period 5s fl. 1.5s, ec. 3.5s	39 <b>12</b>	10	Orange truncated pyramidal framework tower; 39.	
17073 <i>J 6461.5</i>	--Carballeda, W. side of entrance.	10° 37.4' N 66° 50.8' W	<b>Fl.G.</b> period 8s fl. 0.5s, ec. 7.5s	23 <b>7</b>	4	Green hexagonal fiberglass tower, white band; 20.	
17074 <i>J 6461.52</i>	--E. side of entrance.	10° 37.3' N 66° 50.7' W	<b>Fl.R.</b> period 8s fl. 0.5s, ec. 7.5s	23 <b>7</b>	4	Red hexagonal fiberglass tower, white band; 20.	
17076 <i>J 6461.6</i>	Naiguata.	10° 36.9' N 66° 44.9' W	<b>Fl.W.</b> period 2s	52 <b>16</b>	8	White concrete tower, black bands.	
17077 <i>J 6461.85</i>	<b>-Club Puerto Azul.</b>	10° 37.1' N 66° 44.7' W	<b>Fl.W.</b> period 11s fl. 1s, ec. 10s	180 <b>55</b>	20	Black metal post; 180.	
17082 <i>J 6461.95</i>	La Sabana.	10° 37.2' N 66° 23.0' W	<b>Fl.W.</b> period 7.5s fl. 0.8s, ec. 6.7s	197 <b>60</b>	11	Orange hexagonal fiberglass tower, white band; 33.	
17084 <i>J 6469</i>	Cabo Codera.	10° 34.2' N 66° 03.2' W	<b>Fl.W.</b> period 2.5s fl. 0.5s, ec. 2s	551 <b>168</b>	13	Red fiberglass tower, white band; 33.	
17085 <i>J 6470</i>	Puerto Carenero, Bahía de los Piratas.	10° 31.7' N 66° 07.0' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	138 <b>42</b>	12	Gray iron framework tower; 3.	
17087 <i>J 6477.5</i>	<b>Unare.</b>	10° 05.5' N 65° 10.7' W	<b>Fl.W.</b> period 12s fl. 1s, ec. 11s	49 <b>15</b>	18	Orange fiberglass tower, white band; 39.	
17088 <i>J 6478</i>	Islas Piritu.	10° 09.6' N 64° 58.4' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	66 <b>20</b>	11	Orange round fiberglass tower, white band; 39.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>VENEZUELA</b>							
17088.5 <i>J 6478.2</i>	-E. island, E. head.	10° 08.6' N 64° 54.8' W	<b>Fl.W.</b> period 7.5s fl. 0.5s, ec. 7s	52 16	11	Orange round fiberglass tower, white band; 39.	
17089 <i>J 6479</i>	Isla Borrachitos del Este.	10° 15.1' N 64° 45.7' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	82 25	6	Orange hexagonal fiberglass tower, white band; 20.	
17090 <i>J 6479.5</i>	<b>Cayo Borracha.</b>	10° 18.2' N 64° 44.1' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	1250 381	19	Orange fiberglass framework tower, white band; 33.	
	RACON		<b>B(- • • •)</b>	1250 381	20		(3 & 10cm).
17100 <i>J 6477</i>	Barcelona.	10° 07.2' N 64° 41.0' W	<b>Al.Fl.W.G.</b> period 20s				Fl.R. on radio tower 4 miles N., 5 F.R. on radio tower 1 mile NW., F.R. on 2 radio towers 5 miles NE., F.W. and F.R. on radio towers 9 miles NE.
17106 <i>J 6480.36</i>	-Cargo dock, W.	10° 14.5' N 64° 38.2' W	<b>Fl.G.</b> period 3s			Green beacon, green triangular daymark point up.	
17107 <i>J 6480.37</i>	-Cargo dock, E.	10° 14.4' N 64° 38.0' W	<b>Fl.G.</b> period 3s			Green beacon, green triangular daymark point up.	
<b>BAHIA BERGANTIN:</b>							
17108 <i>J 6480.4</i>	-3.	10° 14.7' N 64° 38.1' W	<b>Fl.G.</b> period 3s fl. 0.7s, ec. 2.3s	13 4	3	Green stone structure.	
17112 <i>J 6480.42</i>	-4.	10° 14.6' N 64° 37.9' W	<b>Fl.G.</b> period 3s fl. 1s, ec. 2s	13 4	3	Green stone structure.	
17116 <i>J 6480.44</i>	-5.	10° 14.8' N 64° 37.8' W	<b>Fl.R.</b> period 3s fl. 1s, ec. 2s	13 4	3	Red stone structure.	
<b>BAHIA GUANTA:</b>							
17128 <i>J 6483</i>	-Isla Pitahaya.	10° 15.4' N 64° 35.7' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	43 13	6	White hexagonal concrete tower, red bands; 10.	
17132 <i>J 6483.2</i>	-Isla Redonda.	10° 15.4' N 64° 35.6' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	20 6	9	Green fiberglass tower, white band; 10.	
17136 <i>J 6483.4</i>	-Punta Queque.	10° 15.1' N 64° 35.5' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	23 7	9	Green fiberglass tower, white band; 10.	
17138 <i>J 6484</i>	Isla de Plata.	10° 15.0' N 64° 34.0' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	26 8	9	Red hexagonal fiberglass tower, white band; 10.	
17139 <i>J 6485</i>	Isla Picuda Chica.	10° 18.5' N 64° 33.7' W	<b>Fl.W.</b> period 7s fl. 1s, ec. 6s	131 40	11	Orange hexagonal fiberglass tower, white band; 20.	
17140 <i>J 6481</i>	Isla Chimana Segunda, W. end.	10° 17.5' N 64° 36.4' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	164 50	11	Orange truncated conical fiberglass tower, white band; 39.	
17141 <i>J 6488</i>	<b>Cumana Landfall.</b>	10° 27.9' N 64° 10.0' W	<b>Fl.W.</b> period 12s fl. 1.5s, ec. 10.5s	200 61	25	Orange fiberglass framework tower, white band; 39.	
17142 <i>J 6487</i>	Cumana, Puerto Sucre, pier, head.	10° 27.6' N 64° 11.7' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	20 6	11	Orange hexagonal fiberglass tower, white band; 10.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>VENEZUELA</b>							
17144 <i>J 6489</i>	-Punta Arena.	10° 30.9' N 64° 14.6' W	<b>Fl.W.</b> period 12s	135 41	11	Orange hexagonal fiberglass tower, white band; 39.	
17148 <i>J 6490</i>	Morro de Chacopata.	10° 42.5' N 63° 48.7' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	187 57	11	Orange hexagonal fiberglass structure, white band; 33.	
ISLA DE MARGARITA:							
17152 <i>J 6508</i>	-Punta Mosquito.	10° 53.2' N 63° 53.7' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	98 30	14	Orange fiberglass tower, white band; 39.	R. lights mark mast 7 miles NNW.
	-RACON		<b>M(- -)</b>		<b>19</b>		
17153 <i>J 6508.5</i>	Isla Los Frailes.	11° 11.8' N 63° 44.0' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	525 160	13	Orange fiberglass tower, white band; 39.	
	RACON		<b>K(- • -)</b>		13		
17153.6 <i>J 6508.8</i>	-Isla Sola.	11° 18.8' N 63° 34.3' W	<b>Fl.W.</b> period 8s fl. 0.5s, ec. 7.5s	33 10	5	Orange pole, white band; 10.	
17154 <i>J 6503</i>	-La Puntilla.	10° 57.0' N 63° 50.9' W	<b>Fl.W.</b> period 10s fl. 1.5s, ec. 8.5s	66 20	11	Red masonry tower, white band; 49.	
17155 <i>J 6502.5</i>	-Isla Blanca.	10° 57.9' N 63° 47.5' W	<b>Fl.W.</b> period 4s fl. 0.8s, ec. 3.2s	72 22	6	Orange round fiberglass tower, white band; 10.	
17155.5 <i>J 6502.25</i>	<b>-Punta Ballena.</b>	10° 59.8' N 63° 46.6' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	249 76	30	Orange hexagonal stone tower, white band; 33.	
17156 <i>J 6504</i>	-AVIATION LIGHT.	10° 54.5' N 63° 57.8' W	<b>Al.Fl.W.G.</b> period 10s			Tower.	
17160 <i>J 6502</i>	<b>-Cabo de la Isla.</b>	11° 10.5' N 63° 53.0' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	230 70	19	Orange hexagonal fiberglass tower, white band; 39.	
17161 <i>J 6502.1</i>	-El Tirano.	11° 07.0' N 63° 50.6' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	49 15	11	Orange fiberglass tower, white band; 39.	
17162 <i>J 6501</i>	<b>-Punta Faragoza.</b>	11° 07.6' N 63° 56.0' W	<b>Fl.W.</b> period 8s fl. 1s, ec. 7s	279 85	20	Orange concrete tower, white band; 75.	
17162.1 <i>J 6500.8</i>	-Ensenada La Guardia.	11° 03.0' N 64° 00.9' W	<b>Fl.W.</b> period 8s	39 12	14		
17162.3 <i>J 6499</i>	-Punta Tigre.	11° 04.9' N 64° 13.0' W	<b>Fl.W.</b> period 12s fl. 1.2s, ec. 10.8s	39 12	11	Orange round fiberglass tower, white band; 39.	
17162.5 <i>J 6500.6</i>	-Punta Manglillo.	10° 57.7' N 64° 21.1' W	<b>Fl.W.</b> period 10s fl. 0.8s, ec. 9.2s	39 12	11	Orange round fiberglass tower, white band; 39.	
17163 <i>J 6500.1</i>	Robledal, Muelle Pesquero.	11° 01.5' N 64° 22.5' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	20 6	5	Orange hexagonal fiberglass tower, white band; 10.	
17164 <i>J 6500</i>	<b>-Morro de Robledal.</b>	11° 02.6' N 64° 23.0' W	<b>Fl.W.</b> period 8s fl. 1s, ec. 7s	262 80	19	Orange hexagonal fiberglass tower, white band; 10.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>VENEZUELA</b>							
ISLA CUBAGUA:							
17168 <i>J 6492</i>	-Punta Palanquete.	10° 49.9' N 64° 12.6' W	<b>Fl.W.</b> period 8s fl. 1s, ec. 7s	43 13	11	Orange round fiberglass tower, white band; 39.	
	-RACON		<b>G(- - •)</b>	46 14	11		
17172 <i>J 6494</i>	-Punta Charagato, NE. extremity.	10° 50.4' N 64° 09.4' W	<b>Fl.W.</b> period 12s fl. 1s, ec. 11s	49 15	11	Orange fiberglass tower, white band; 39.	
17184 <i>J 6510</i>	<b>Carupano.</b>	10° 40.3' N 63° 14.9' W	<b>Fl.W.</b> period 9s fl. 1.5s, ec. 7.5s	673 205	25	Gray metal framework tower; 3.	
17188 <i>J 6512</i>	Hernan Vasquez breakwater, head.	10° 40.7' N 63° 14.7' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	20 6	9	Green fiberglass tower, white band; 20.	
17190 <i>J 6509.8</i>	<b>Puerto Santo.</b>	10° 43.6' N 63° 10.0' W	<b>Fl.W.</b> period 12s fl. 1s, ec. 11s	131 40	15	Orange fiberglass framework tower, white band; 39.	
17192 <i>J 6509</i>	<b>Isla Testigo Grande.</b>	11° 22.9' N 63° 07.2' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	1460 445	23	White fiberglass framework tower, orange band; 10.	
	RACON		<b>Z(- - • •)</b>	1450 442	20		
17192.5 <i>J 6509.1</i>	-Los Testigos.	11° 22.4' N 63° 07.8' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	26 8	4	Green fiberglass tower, white band; 10.	
17193 <i>J 6509.2</i>	Isla Iguana.	11° 21.8' N 63° 07.9' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s	30 9	4	Red fiberglass tower, white band.	
17194 <i>J 6514</i>	<b>Cabo Tres Puntas.</b>	10° 45.8' N 62° 42.9' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	656 200	19	Orange fiberglass tower, white band; 30.	
17195 <i>J 6515</i>	Punta Mejillones.	10° 42.2' N 62° 08.4' W	<b>Fl.W.</b> period 12s fl. 1.2s, ec. 10.8s	141 43	12	Orange fiberglass tower, white band; 39.	
17195.5 <i>J 6516</i>	-Promontorio de Paria.	10° 44.1' N 61° 51.0' W	<b>Fl.W.</b> period 15s	246 75	11	Orange fiberglass tower, white band; 39.	
GULF OF PARIÁ:							
17196 <i>J 6518</i>	-Macuro.	10° 39.7' N 61° 56.1' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	249 76	11	Orange fiberglass tower, white band; 20.	
17200 <i>J 6517</i>	<b>-Isla de Patos.</b>	10° 38.3' N 61° 52.0' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	374 114	25	Orange metal framework tower, white band; 118.	Q.R. marks platform 15 miles S.
	-RACON		<b>P(• - - •)</b>	374 114			
17204 <i>J 6521</i>	Puerto de Hierro.	10° 38.0' N 62° 05.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	302 92	11	Orange fiberglass tower, white band; 39.	
17210 <i>J 6524</i>	<b>-Recalada Guiria.</b>	10° 34.8' N 62° 17.5' W	<b>Fl.W.</b> period 9s fl. 1s, ec. 8s	207 63	23	Orange masonry tower, white band; 108.	
17212 <i>J 6525</i>	-Guiria E. breakwater, S. extremity.	10° 33.9' N 62° 17.3' W	<b>Fl.R.</b> period 9s fl. 1s, ec. 8s	33 10	8	Red round concrete tower, white band; 26.	F.R. lights on radio tower 0.9 mile N.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>VENEZUELA</b>							
17216 <i>J 6526</i>	--S. breakwater, E. extremity.	10° 34.0' N 62° 17.4' W	<b>Fl.G.</b> period 9s fl. 1s, ec. 8s	16 5	4	Green round concrete tower, white band; 13.	
-Rio San Juan:							
17224 <i>J 6530.3</i>	--No 1.	10° 18.5' N 62° 29.2' W	<b>Fl.G.</b> period 4s				
17227 <i>J 6615</i>	Isla Cotorra.	10° 03.2' N 62° 14.5' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	46 14	11	Orange fiberglass framework tower, white band; 39.	
17230 <i>J 5912.5</i>	<b>Serpents Mouth</b> , storage vessel.	9° 56.5' N 61° 34.8' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	174 53	20	Yellow fiberglass tower; 10.	
	RACON		<b>F(• • •)</b>	174 53	25		(3 & 10cm).
17240	<i>Rio Orinoco Approach Lighted Buoy O.1.</i>	8° 56.1' N 60° 11.0' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s		4	SAFE WATER RW, pillar.	<b>Radar reflector.</b>
	RACON		<b>O(---)</b>		14		
17242 <i>J 6800</i>	<b>Punta Barima.</b>	8° 35.1' N 60° 25.0' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	79 24	15	Orange fiberglass tower, white band; 49.	
	RACON		<b>A(• -)</b>	79 24	20		(3 & 10cm).
<b>GUYANA</b>							
ESSEQUIBO RIVER:							
17278 <i>J 6836</i>	-Middle Ground.	6° 54.6' N 58° 22.2' W	<b>Fl.W.</b> period 10s	30 9	10	White framework tower, platform.	
DEMERARA RIVER:							
17292 <i>J 6841</i>	<b>-Georgetown.</b>	6° 49.4' N 58° 09.9' W	<b>Fl.W.R.</b> period 60s	103 31	16	White hexadecagonal tower, red stripes; 98.	R. 275°-040°, W.-275°.
17296 <i>J 6843</i>	-Range, front.	6° 49.7' N 58° 10.5' W	<b>Q.W.</b>	26 8	9	Metal tower, four pile platform.	
17300 <i>J 6843.1</i>	--Rear, 1630 meters 225° from front.	6° 49.1' N 58° 11.1' W	<b>Q.W.</b> period 1.5s fl. 0.5s, ec. 1s	56 17	12	Metal tower, four pile platform, diamond daymark.	
17309 <i>J 6847</i>	-Range, front.	6° 46.2' N 58° 10.7' W	<b>Q.W.</b>	19 6			
17310 <i>J 6847.1</i>	--Rear, 610 yards 189° from front.	6° 46.0' N 58° 10.7' W	<b>Oc.W.</b> period 6s	49 15			
BERBICE RIVER:							
17324 <i>J 6858</i>	-River entrance Range, front.	6° 20.8' N 57° 31.4' W	<b>Q.W.</b>	43 13	6	Metal tower, platform.	
17328 <i>J 6858.1</i>	--Rear, 1.4 km. 216° from front.	6° 20.2' N 57° 31.9' W	<b>Fl.(2)W.</b> period 4s	59 18	6	Metal tower, platform, diamond daymark.	
17329 <i>J 6858.5</i>	-Crab Island Range, front.	6° 21.7' N 57° 31.3' W	<b>Q.W.</b>	30 9	9		

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>GUYANA</b>							
17330 <i>J 6858.51</i>	--Rear, 1.6 km. 003° from front.	6° 22.6' N 57° 31.3' W	<b>Fl.W.</b> period 2s	36 11	9	Pile.	
<b>SURINAME</b>							
17352 <i>J 6864.4</i>	<b>-Nickerie River AVIATION LIGHT.</b>	5° 56.9' N 56° 59.5' W	<b>F.R.</b>	295 90	23	Mast.	Obstruction. <b>Aero Radiobeacon.</b>
17353 <i>J 6866</i>	--N1.	5° 58.2' N 57° 01.0' W	<b>Fl.R.</b> period 3s			Red beacon.	
17354	--N4.	5° 59.7' N 57° 00.7' W	<b>Iso.G.</b> period 4s				
17355 <i>J 6866.5</i>	--N6.	5° 59.0' N 57° 00.8' W	<b>Iso.G.</b> period 8s			Pole.	
17358 <i>J 6867.2</i>	<b>Totness AVIATION LIGHT.</b>	5° 53.2' N 56° 20.1' W	<b>Oc.R.</b>	299 91	23	Mast.	Obstruction.
17360 <i>J 6868</i>	<b>Coppename River AVIATION LIGHT.</b>	5° 47.3' N 55° 53.6' W	<b>F.R.</b>	299 91	24	Mast.	Obstruction.
17364 <i>J 6870</i>	Entrance.	5° 53.5' N 55° 12.9' W	<b>Oc.W.</b> period 10s	161 49	15	Mast.	
SURINAME RIVER:							
17368 <i>J 6870.6</i>	-Approach.	5° 57.4' N 55° 13.0' W	<b>Fl.(2)W.</b> period 15s	23 7	10	White beacon.	River marked by buoys and lights. <b>Radiobeacon 7.5 miles SSE.</b>
17370 <i>J 6870.7</i>	-R6.	5° 55.2' N 55° 08.4' W	<b>Iso.G.</b> period 8s				
17376 <i>J 6878.9</i>	<b>-Paramaribo AVIATION LIGHT.</b>	5° 49.8' N 55° 09.2' W	<b>Oc.R.</b>	299 91	23	Mast.	Obstruction.
17388 <i>J 6873</i>	-Range, front.	5° 54.4' N 55° 06.6' W	<b>Fl.R.</b> period 2s	16 5	6	Red hut, piles, red diamond daymark, white bands.	
17392 <i>J 6873.1</i>	--Rear, 227 meters 332°30' from front.	5° 54.6' N 55° 06.7' W	<b>Fl.W.</b> period 5s	29 9	6	Pyramidal tower on piles, red diamond daymark, white bands.	
17399.4 <i>J 6879.9</i>	-D8.	5° 45.0' N 55° 07.4' W	<b>Iso.G.</b> period 4s				
17399.6 <i>J 6879.4</i>	-D1.	5° 44.1' N 55° 06.8' W	<b>Iso.R.</b> period 8s			Red beacon.	
17399.8 <i>J 6880</i>	-D10.	5° 44.2' N 55° 06.7' W	<b>Iso.G.</b> period 8s				
<b>FRENCH GUIANA</b>							
ILES DU SALUT:							
17416 <i>J 6894</i>	<b>-Ile Royale.</b>	5° 17.2' N 52° 35.5' W	<b>Fl.(2)W.</b> period 6s	213 65	25	Red tower; 95.	
17420 <i>J 6895</i>	--E. jetty, head, front.	5° 17.1' N 52° 35.2' W	<b>Q.G.</b>	26 8	10	White tower, green bands; 23.	Visible 053°30'-071°30'.
17424 <i>J 6895.1</i>	--SE. point, rear, about 150 meters 062°30' from front.	5° 17.1' N 52° 35.1' W	<b>Q.G.</b>	33 10	10	White tower, green band; 13.	Visible 053°30'-071°30'. Tower hidden by trees.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>FRENCH GUIANA</b>							
17428 <i>J 6901</i>	L'Enfant Perdu, on rock, 11.1 kilometers 355° from Cayenne.	5° 02.5' N 52° 21.3' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	56 17	11	White truncated conical tower, red top; 49.	
17432	<i>Riviere de Cayenne Entrance Buoy CA.</i>	4° 56.8' N 52° 20.2' W	<b>Iso.W.</b> period 4s			SAFE WATER RW, pillar, topmark.	<b>Radar reflector.</b>
CAYENNE:							
17436 <i>J 6902</i>	<b>-Fort Ceperou.</b>	4° 56.3' N 52° 20.2' W	<b>Fl.(2+1)W.R.</b> period 15s fl. 1s, ec. 1.5s fl. 1s, ec. 5.2s fl. 1s, ec. 5.2s	131 40	W. 16 R. 13	White column, red top; 30.	W. 318°-166°, R.-175°, W.-228°. Reserve light range R. 7M 166°-175°, W. 10M -166°. F.R. on radio masts close NE. and S., on radio tower 2.1 miles E., and on water towers 3.6 miles ESE. and 2.4 miles SE.
17440 <i>J 6904</i>	<b>-Cheval Blanc.</b>	4° 55.6' N 52° 20.7' W	<b>Q.R.</b>	39 12	5	White pylon, red top.	
RIVIERE DE MAHURY:							
17448	<b>-Entrance Buoy DC.</b>	4° 57.0' N 52° 10.0' W	<b>L.Fl.W.</b> period 10s			SAFE WATER RW, pillar, topmark.	<b>Whistle.</b>
17455.5 <i>J 6907.3</i>	<b>--D20.</b>	4° 51.0' N 52° 14.8' W	<b>Q.W.</b>	13 4	2	N. CARDINAL BY, topmark.	
			<b>Dir.W.R.G.</b>	13 4	W. 18 R. 15 G. 14		F.R. 218°46.2'-219°28.2', Al.W.R.-220°22.2', F.W.- 220°40.2', Al.W.G.- 221°34.2', F.G.- 222°16.2'.
17456.5 <i>J 7000</i>	<b>-Naval Base, E. head.</b>	4° 51.1' N 52° 16.0' W	<b>Oc.(2)W.</b> period 6s lt. 3s, ec. 1s lt. 1s, ec. 1s	36 11	7	Mast.	
17456.6 <i>J 7000.1</i>	<b>--W. head.</b>	4° 51.1' N 52° 16.0' W	<b>Oc.(2)W.</b> period 6s lt. 3s, ec. 1s lt. 1s, ec. 1s	36 11	7	Mast.	
17456.7 <i>J 7000.8</i>	<b>--E. dolphin.</b>	4° 51.1' N 52° 16.0' W	<b>Fl.(3)W.</b> period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s		4		
17456.8 <i>J 7000.9</i>	<b>--W. dolphin.</b>	4° 51.1' N 52° 16.0' W	<b>Fl.(3)W.</b> period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s		4		



# Section 13

## Brazil

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
17458 <i>G 0000.5</i>	<b>Cabo Orange.</b>	4° 26.0' N 51° 32.2' W	<b>Fl.(2)W.</b> period 15s fl. 1s, ec. 3s fl. 1s, ec. 10s	164 50	18	White four-sided metal framework tower; 154. Helicopter platform.	Visible 035°-255°.
17460 <i>G 0001</i>	Rio Calcoene, S. side of entrance.	2° 30.4' N 50° 48.4' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	79 24	13	White four-sided metal framework structure; 66.	
17464 <i>G 0002</i>	Amapa AVIATION LIGHT.	2° 04.6' N 50° 51.6' W	<b>Al.FI.W.G.</b>	98 30		White metal framework structure, red and white bands.	
RIO AMAZONAS:							
17470 <i>G 0004</i>	<b>-Guara.</b>	1° 11.3' N 49° 54.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	144 44	16	White four-sided truncated pyramidal metal framework structure; 138.	
	-RACON		<b>Q(- - -)</b>		25		(3 & 10cm).
17472 <i>G 0005</i>	-Baillique.	0° 59.4' N 49° 56.8' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	135 41	14	White metal pyramidal tower; 128.	
	-RACON		<b>M(- -)</b>		25		(3 & 10cm).
17474 <i>G 0005.5</i>	<b>-Ilha do Para.</b>	0° 52.8' N 49° 59.2' W	<b>Fl.(3)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	108 33	16	White square metal tower; 98.	
	-RACON		<b>B(- . . .)</b>		20		(3 & 10cm).
17480 <i>G 0006.5</i>	-Ponta do Ceu.	0° 45.6' N 50° 07.0' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	36 11	9	White four-sided truncated pyramidal metal framework structure; 30.	
17488 <i>G 0006.9</i>	Taia.	0° 39.2' N 50° 17.6' W	<b>Fl.(3)W.</b> period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	43 13	10	White four-sided truncated pyramidal metal framework structure; 36.	
17496 <i>G 0007.4</i>	<b>-Espirito Santo.</b>	0° 15.6' N 50° 31.4' W	<b>L.FI.W.</b> period 15s fl. 2s, ec. 13s	79 24	16	White four-sided truncated pyramidal metal framework structure; 72.	<b>Radar reflector.</b>
17500 <i>G 0007.5</i>	-Pau Cavado.	0° 11.5' N 50° 47.2' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	154 47	11	White four-sided truncated pyramidal metal framework structure; 148.	
	-RACON		<b>X(- . . -)</b>		25		(3 & 10cm).
17510 <i>G 0008.4</i>	-Water tower.	0° 02.2' N 51° 03.3' W	<b>F.W.R.</b>				Private light.
17511 <i>G 0008.5</i>	-Macapa, SW. Water tower.	0° 01.4' N 51° 03.6' W	<b>F.R.</b>				Private light.
17512 <i>G 0009</i>	-Cascalheira.	0° 01.4' S 51° 03.7' W	<b>Fl.(2)W.</b> period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	43 13	10	White four-sided truncated pyramidal metal framework tower; 36.	
17528 <i>G 0010.6</i>	--E. bank.	0° 04.1' S 51° 07.9' W	<b>Fl.(3)W.</b> period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 6.5s	33 10	6	White four-sided metal framework tower, metal structure; 26.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
17530 G 0010.7	-Porto de Santana.	0° 03.5' S 51° 10.6' W	<b>F.Y.</b>		2	Hulk.	
17534 G 0011.5	<b>Camaleao.</b>	0° 09.2' S 48° 54.6' W	<b>L.F.I.W.</b> period 15s fl. 2s, ec. 13s	121 37	16	White four-sided truncated pyramidal metal framework tower; 115.	
17536 G 0012	Ilha do Machadinho.	0° 10.8' S 48° 45.9' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	75 23	11	White four-sided truncated pyramidal metal framework structure; 66.	Visible 256°-143°.
RIO DO PARA:							
17540 G 0014	<b>-Simao Grande.</b>	0° 15.4' S 48° 24.1' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	138 42	16	White four-sided truncated pyramidal metal framework tower, diamond daymark; 131.	Visible 138°-320°.
	-RACON		<b>O(- - -)</b>		25		(3 & 10cm).
17548 G 0018	<b>-Ponta Tijoca.</b>	0° 33.4' S 47° 53.9' W	<b>Fl.(2)W.</b> period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 8s	115 35	18	Red four-sided metal framework tower, white bands; 16.	Visible 085°-265°.
	-RACON		<b>B(- • • •)</b>		14		(3 & 10cm).
17550 G 0019	-Coroa das Gaivotas.	0° 34.7' S 48° 01.9' W	<b>Fl.G.</b> period 10s fl. 1s, ec. 9s	26 8	8	Green metal pipe, white bands; 26.	
17552 G 0020	<b>-Taipu.</b>	0° 39.7' S 48° 02.6' W	<b>Fl.(3)W.</b> period 15s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 11.5s	128 39	16	White four-sided truncated pyramidal metal framework tower, white diamond daymark; 98.	
17556 G 0021	<b>-Ponta Maria Teresa.</b>	0° 46.6' S 48° 09.1' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	138 42	15	White four-sided metal lattice tower; 131.	Visible 057°-221°.
17560 G 0021.5	<b>-Soure.</b>	0° 44.5' S 48° 30.4' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	114 35	16	Red four-sided concrete tower, white bands; 98.	
17562 G 0022	-Ilha dos Amores, Salvaterra.	0° 45.2' S 48° 30.5' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	46 14	5	White four-sided truncated pyramidal metal framework structure, daymark; 26.	
17564 G 0024	-Joanes, on Ponta da Guarita.	0° 52.9' S 48° 30.5' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	75 23	14	White four-sided truncated pyramidal metal framework tower, white diamond daymark; 56.	
17568 G 0028	-Colares.	0° 55.1' S 48° 17.5' W	<b>Fl.(2)W.</b> period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	46 14	10	White metal pipe, concrete base, white diamond daymark; 33.	
17572 G 0029	-Banco Coroa Grande.	1° 01.7' S 48° 35.8' W	<b>Fl.(3)W.</b> period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	59 18	10	White round metal structure; 36.	Visible 255°-031°.
17576 G 0030	-Ponta do Chapeu Virado, SW. extremity.	1° 08.1' S 48° 28.2' W	<b>Iso.G.</b> period 2s	36 11	13	White metal pipe, concrete base, white diamond daymark, red bands; 33.	
17584 G 0034	-Ilha Tatuoca.	1° 12.0' S 48° 30.4' W	<b>Q.(2)W.</b> period 6s	39 12	9	White four-sided truncated pyramidal metal framework structure, white diamond daymark; 36.	Visible 081°-301°.
17588 G 0036	-Ilha Cotejuba, SW. side of island.	1° 16.0' S 48° 33.8' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	33 10	9	White metal pipe, concrete base, white diamond daymark; 26.	Visible 334°-147°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
17589 G 0035.2	-Ilha das Barreiras, W. mole, head.	1° 16.5' S 48° 29.3' W	<b>F.G.</b>				Private light.
17590 G 0035.3	--E. mole, head.	1° 16.3' S 48° 29.1' W	<b>Q.G.</b>				Private light.
17592 G 0038	-Forte de Barra.	1° 22.7' S 48° 29.6' W	<b>Q.W.</b>	43 13	9	White four-sided truncated pyramidal concrete tower, white daymark; 39.	Forms range 028°30' with chimney 1.6 miles NNE.
17596 G 0039	-Val de Caes AVIATION LIGHT.	1° 23.3' S 48° 28.8' W	<b>Al.FI.W.G.</b>			Red metal framework structure, white bands; 56.	
17597 G 0040	-Cais de Oleo.	1° 24.2' S 48° 29.7' W	<b>F.Y.</b>			Yellow metal post.	Private light.
17598 G 0041	-Trapiche.	1° 24.6' S 48° 29.7' W	<b>F.Y.</b>				Private light.
17598.5 G 0041.8	--Pontoon.	1° 27.2' S 48° 30.3' W	<b>F.Y.</b>				
17599 G 0042.3	<b>-Belem.</b>	1° 27.9' S 48° 30.3' W	<b>Fl.W.</b> period 20s fl. 0.5s, ec. 19.5s	148 45	15	Four-sided metal tower; 138.	
17599.3 G 0042.05	-Belem Pontoon.	1° 28.6' S 48° 29.8' W	<b>F.Y.</b>				
17599.6 G 0042.08	--Pontoon.	1° 28.6' S 48° 29.5' W	<b>F.Y.</b>				
17600 G 0052	-Itaquary.	1° 25.5' S 48° 49.0' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	39 12	9	White four-sided concrete tower; 39.	
17604 G 0044	-Rio Arari, Ilha das Pombas.	1° 11.5' S 48° 44.6' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	39 12	10	White metal pipe, concrete base, white diamond daymark; 33.	Visible 230°-350°.
17608 G 0045	-Carnapijo.	1° 21.8' S 48° 38.9' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	26 8	8	White metal pipe, concrete base, white diamond daymark; 26.	
17610 G 0045.4	Machadinho.	1° 22.6' S 48° 38.6' W	<b>Fl.(3)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	26 8	7	White metal pipe, red bands, concrete base; 16.	
17612 G 0046	-Rio Arrozal, E. side of river.	1° 27.5' S 48° 42.2' W	<b>Q.(2)W.</b> period 6s	33 10	10	White metal pipe, white diamond daymark; 23.	Visible 345°-174°.
17614 G 0047	-Boco do Furo. Arrozal.	1° 27.9' S 48° 42.6' W	<b>Fl.(2)W.</b> period 5s fl. 0.3s, ec. 0.8s fl. 0.3s, ec. 3.6s	36 11	9	Black metal post, red bands; 26.	
17616 G 0048	-Pedra da Manteiga.	1° 28.5' S 48° 42.6' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	16 5	5	White four-sided truncated pyramidal concrete tower, white diamond daymark; 16.	
17620 G 0050	-Ilha do Capim.	1° 33.3' S 48° 51.9' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	26 8	10	White metal pipe, white diamond daymark; 23.	Visible 066°-246°.
17624 G 0054	-Ilha Mandi.	1° 36.7' S 49° 08.6' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	49 15	12	White four-sided truncated pyramidal metal framework tower, white diamond daymark; 36.	Visible 228°-039°.
17634 G 0053.7	-Ponta do Frechal.	1° 43.4' S 49° 16.7' W	<b>Fl.G.</b> period 10s fl. 1s, ec. 9s	75 23	9	White four-sided truncated pyramidal metal framework tower, white diamond daymark; 66.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
17636 G 0056	-Ilha Cameleao, N. side of island.	1° 49.2' S 49° 56.8' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	43 13	10	White four-sided truncated pyramidal metal framework tower, white diamond daymark; 36.	Visible 089°-287°.
17640 G 0056.5	-Ilha das Araras.	1° 48.7' S 50° 09.2' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	43 13	8	White four-sided metal tower; 36.	Visible 269°-099°.
17648 G 0058	-Boiuçu, E. side of island.	1° 48.5' S 50° 18.4' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	43 13	4	White metal pipe, white diamond daymark; 33.	Visible 277°-086°.
17652 G 0062	<b>Curuca.</b>	0° 33.9' S 47° 46.0' W	<b>Fl.(3)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	144 44	18	White metal framework tower, red bands, white diamond daymark; 138.	Visible 105°-238°.
17656 G 0063	<b>Ponta Marapanim.</b>	0° 34.8' S 47° 35.1' W	<b>Fl.(2)W.</b> period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	112 34	16	Four-sided truncated pyramidal metal framework tower, red bands; 105.	Visible 108°-276°.
17660 G 0064	<b>Salinopolis.</b>	0° 36.9' S 47° 21.4' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	197 60	46	Red conical metal framework structure, center column; 128.	
	RACON		<b>K(- • -)</b>		25		Located 305 meters SSE from light. (3 & 10cm).
17662 G 0065	<b>Quatipurú.</b>	0° 42.8' S 46° 57.6' W	<b>Fl.(3)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	89 27	15	White four-sided truncated pyramidal metal framework tower, red bands, white diamond daymark, red bands; 82.	
17664 G 0066	<b>Caete.</b>	0° 49.0' S 46° 36.9' W	<b>Q.(2)W.</b> period 6s	66 20	15	White rectangular metal tower; 52.	
17668 G 0070	<b>Ilha do Apeú.</b>	0° 54.7' S 46° 11.3' W	<b>Fl.(2)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	135 41	15	White four-sided truncated pyramidal metal framework structure, red bands, white diamond daymark, red bands; 125.	
17670 G 0070.5	<b>Ponta da Praia Grande.</b>	1° 10.0' S 45° 38.1' W	<b>Fl.(5)W.</b> period 60s fl. 1s, ec. 9s fl. 1s, ec. 9s fl. 1s, ec. 9s fl. 1s, ec. 9s fl. 1s, ec. 19s	157 48	24	White square metal framework tower; 148.	
17672 G 0072	<b>Ilha Maiáú.</b>	1° 16.9' S 44° 54.2' W	<b>L.Fl.W.</b> period 10s fl. 2s, ec. 8s	125 38	20	White cylindrical concrete tower, black bands; 98.	
	RACON		<b>O(- - -)</b>		25		(3 & 10cm).
17674 G 0073	Ilha Lencois, Ponta do Gino.	1° 20.8' S 44° 53.4' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	23 7	8	White metal post; 16.	Visible 245°-120°.
17676 G 0074	<b>Ilha do Mangunça.</b>	1° 36.9' S 44° 39.3' W	<b>Fl.W.</b> period 10s fl. 0.2s, ec. 9.8s	151 46	28	White four-sided truncated pyramidal metal framework tower; 131.	
BAIA DE SAO MARCOS:							
17684 G 0080	-Alcantara.	2° 24.6' S 44° 25.1' W	<b>Fl.(2)W.</b> period 6s fl. 0.3s, ec. 0.9s fl. 0.3s, ec. 4.5s	121 37	10	White metal pipe.	
17688 G 0084	<b>-Ponta de Sao Marcos.</b>	2° 29.3' S 44° 18.1' W	<b>Fl.W.</b> period 10s fl. 1.1s, ec. 8.9s	118 36	23	White cylindrical masonry tower, white four-sided masonry base; 26.	<b>Radiobeacon.</b> <b>DGPS Station.</b>

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
17695 G 0079	<b>-Pirarema.</b>	2° 20.3' S 44° 21.7' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	180 55	20	White octagonal masonry tower; 39.	
17696 G 0087	<b>-Ilha do Medo.</b>	2° 31.3' S 44° 21.9' W	<b>Fl.(3)W.</b> period 15s fl. 0.3s, ec. 2.2s fl. 0.3s, ec. 2.2s fl. 0.3s, ec. 9.7s	197 60	25	White four-sided metal framework structure, four- sided masonry tower; 102.	
17700 G 0087.2	<b>-Itauna.</b>	2° 32.0' S 44° 30.6' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	82 25	11	White truncated conical masonry tower.	
17701 G 0087.5	<b>--N. breakwater, head.</b>	2° 33.5' S 44° 22.7' W	<b>F.Y.</b>				
17702 G 0087.6	<b>--S. breakwater, head.</b>	2° 34.2' S 44° 22.7' W	<b>F.Y.</b>				Private light.
17703.1 G 0087.7	<b>--Wharf, N. head.</b>	2° 34.6' S 44° 22.2' W	<b>F.Y.</b>				Private light.
17704 G 0087.4	<b>-Ilha de Guarapira.</b>	2° 34.7' S 44° 22.4' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	56 17	9	White metal pipe; 20.	Visible 312°-245°.
17708 G 0088	<b>-Sao Luis AVIATION LIGHT, SE. of city.</b>	2° 35.0' S 44° 14.2' W	<b>Al.FI.W.G.</b>	200 61	20	Red truncated pyramidal metal framework tower, white bands; 46.	Occasional. <b>Aero Radiobeacon.</b>
17712 G 0090	<b>Ponta do Aracagi.</b>	2° 27.0' S 44° 08.9' W	<b>Fl.(4)W.</b> period 10s fl. 0.3s, ec. 1.8s fl. 0.3s, ec. 1.8s fl. 0.3s, ec. 1.8s fl. 0.3s, ec. 3.4s	299 91	33	Black and white diamond checkered four-sided truncated pyramidal masonry tower; 131.	
	RACON		<b>Q(- - -)</b>		25		(3 & 10cm).
17713 G 0091	<b>Papagaio.</b>	2° 33.7' S 43° 55.7' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	98 30	9	White metal post; 16.	
17716 G 0092	<b>Ilha de Santana.</b>	2° 16.2' S 43° 37.4' W	<b>Al.L.FI.W.W.R.</b> period 51s W. fl. 6s, ec. 11s W. fl. 6s, ec. 11s R. fl. 6s, ec. 11s	187 57	W. 31 R. 25	White truncated conical masonry tower; 161.	
	RACON		<b>B(- • • •)</b>		25		(3 & 10cm).
17718 G 0093	<b>Lencois Grandes.</b>	2° 22.8' S 43° 16.2' W	<b>L.FI.W.</b> period 15s fl. 2s, ec. 13s	236 72	17	Red four-sided truncated pyramidal metal framework structure; 138.	
17720 G 0094	<b>Barra das Prequicas.</b>	2° 35.6' S 42° 42.5' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	151 46	43	White truncated conical concrete tower, black bands; 115.	
17724 G 0097	<b>Tutoia.</b>	2° 43.6' S 42° 22.4' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	59 18	12	White four-sided truncated pyramidal metal framework structure, white diamond daymark; 39.	
17728 G 0098	<b>Andreza.</b>	2° 45.8' S 42° 15.7' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	79 24	6	Red triangular pyramidal metal framework tower; 36.	
17736 G 0102	<b>Pedra do Sal, on point.</b>	2° 48.3' S 41° 43.8' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	49 15	10	White octagonal concrete tower; 46.	<b>Radiobeacon</b> about 5 miles S.
17740 G 0104	<b>Luis Correia.</b>	2° 54.1' S 41° 33.4' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	95 29	15	White cylindrical fiberglass tower, red band, concrete base; 33.	
17742 G 0103	<b>-Molhe de Acesso.</b>	2° 50.9' S 41° 38.9' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	33 10	5	White four-sided masonry tower; 10.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
17744 G 0105	<b>Ponta das Almas.</b>	2° 53.5' S 41° 16.3' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	92 28	16	White cylindrical fiberglass tower; 30.	
17748 G 0108	<b>Camocim.</b>	2° 51.8' S 40° 51.6' W	<b>Fl.(3)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	66 20	15	White four-sided masonry tower; 49.	
17756 G 0110	<b>Jericoacoara.</b>	2° 47.3' S 40° 30.0' W	<b>L.Fl.W.</b> period 10s fl. 2s, ec. 8s	331 101	19	White four-sided concrete tower, black bands; 20.	
17760 G 0114	<b>Ponta de Itapage.</b>	2° 52.3' S 39° 56.7' W	<b>Fl.(2)W.</b> period 15s fl. 1s, ec. 3s fl. 1s, ec. 10s	151 46	20	White conical metal framework tower, red band; 141.	
	RACON		<b>N(- •)</b>		25		(3 & 10cm).
17764 G 0116	Mundau.	3° 10.6' S 39° 21.7' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	108 33	14	White four-sided concrete tower, red bands; 23.	
17766 G 0117	<b>Ponta Paracuru.</b>	3° 24.0' S 39° 00.7' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	262 80	27	White four-sided truncated pyramidal metal framework tower, orange bands; 246.	
17766.5 G 0119	<b>Ponta Pecem.</b>	3° 33.0' S 38° 49.1' W	<b>Al.Fl.W.R.</b> period 30s	246 75	W. 26 R. 21	White square metal framework tower, red bands; 98.	
17766.7 G 0119.3	-Pier, No 1.	3° 32.0' S 38° 48.0' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s		6	Red structure.	
17766.71 G 0119.4	--No 2.	3° 31.8' S 38° 47.9' W	<b>F.Y.</b>		5	Metal post; 3.	
17766.73 G 0119.5	-Quebra-Mar, SE.	3° 32.2' S 38° 47.9' W	<b>Fl.Y.</b> period 6s fl. 0.5s, ec. 5.5s		8	White pyramidal fiberglass tower; 7.	
17766.75 G 0119.6	--Center.	3° 31.9' S 38° 47.5' W	<b>Fl.Y.</b> period 6s fl. 0.5s, ec. 5.5s	16 5	8	White truncated pyramidal fiberglass lattice tower; 7.	
17766.77 G 0119.7	--NW.	3° 31.1' S 38° 48.1' W	<b>Fl.G.</b> period 6s fl. 0.5s, ec. 5.5s	16 5	8	White truncated pyramidal fiberglass lattice tower; 7.	
17767 G 0121.4	Marina, N. breakwater.	3° 43.0' S 38° 31.6' W	<b>F.G.</b>				
17767.3 G 0121.45	-Elbow.	3° 42.9' S 38° 31.6' W	<b>F.G.</b>				
17767.5 G 0121.5	-S. breakwater.	3° 43.1' S 38° 31.7' W	<b>F.R.</b>				
17768 G 0122	<b>Ponta de Mucuripe.</b>	3° 43.6' S 38° 28.2' W	<b>Fl.(2)W.</b> period 10s fl. 0.6s, ec. 2s fl. 0.6s, ec. 6.8s	440 134	43	Black cylindrical masonry tower, white bands; 72.	Q.W. 80m 23M on mast 2 miles W. Q.W. 112m 23M on mast 2.5 miles W.
17772 G 0124	-Titan breakwater, head.	3° 41.9' S 38° 28.9' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	49 15	10	White truncated pyramidal fiberglass framework structure, white diamond daymark; 39.	
17778 G 0125	-Pier.	3° 42.5' S 38° 29.0' W	<b>F.R.</b>				Private light.
17780 G 0123	-Praia do Futuro.	3° 42.3' S 38° 27.6' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	36 11	5	White four-sided masonry tower, black bands; 16.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
17784 G 0120	<b>Fortaleza</b> AVIATION LIGHT.	3° 46.4' S 38° 32.2' W	<b>AI.FI.W.G.</b> period 12s W. fl. 1s, ec. 5s G. fl. 1s, ec. 5s	121 37	20	White metal framework structure, red bands.	
17786 G 0130	<b>Penedos de Sao Pedro e Sao Paulo.</b>	0° 55.2' N 29° 20.6' W	<b>FI.W.</b> period 10s fl. 1s, ec. 9s	95 29	15	White cylindrical fiberglass tower, red bands; 20.	
ARQUIPELAGO DE FERNANDO DE NORONHA:							
17788 G 0132	<b>-Ilha Rata.</b>	3° 48.8' S 32° 23.2' W	<b>FI.W.</b> period 15s fl. 1.5s, ec. 13.5s	207 63	16	White four-sided masonry tower; 69.	Visible 054°-009°.
17792 G 0144	<b>-Alto da Bandeira.</b>	3° 52.5' S 32° 27.7' W	<b>AI.FI.W.W.R.</b> period 30s W. fl. 1s, ec. 9s W. fl. 1s, ec. 9s R. fl. 1s, ec. 9s	666 203	W. 28 R. 24	White octagonal masonry tower; 33.	
17796 G 0138	<b>-Morro do Pico</b> AVIATION LIGHT.	3° 50.7' S 32° 25.3' W	<b>AI.FI.W.G.</b> period 10s	1079 329		Metal framework structure; 20.	<b>Radiobeacon</b> about 0.7 mile S.
17800 G 0146	<b>-Atol das Rocas.</b>	3° 51.4' S 33° 48.9' W	<b>Q.(2)W.</b> period 6s	59 18	13	White four-sided truncated pyramidal metal framework structure; 46.	<b>Radar reflector.</b>
17802 G 0125.5	<b>Morro Branco.</b>	4° 09.5' S 38° 06.5' W	<b>FI.(5)W.</b> period 60s fl. 1s, ec. 9s fl. 1s, ec. 9s fl. 1s, ec. 9s fl. 1s, ec. 9s fl. 1s, ec. 19s	351 107	24	White four-sided masonry tower; 82.	
17804 G 0126	Aracati, W. side of Rio Jaquaribe entrance.	4° 24.5' S 37° 46.2' W	<b>FI.W.</b> period 6s fl. 0.5s, ec. 5.5s	112 34	14	Red cylindrical masonry tower, dwelling; 39.	
17808 G 0148	<b>Ponta Cajuais.</b>	4° 42.6' S 37° 21.6' W	<b>FI.(3)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	210 64	19	White cylindrical fiberglass tower, red bands; 46.	
17810 G 0152.5	Pontal.	4° 56.4' S 37° 08.7' W	<b>FI.W.</b> period 6s fl. 0.5s, ec. 5.5s	69 21	10	Black cylindrical fiberglass tower, white band; 26.	
17812 G 0152	Areia Branca, on Ponta Upanema.	4° 55.6' S 37° 06.9' W	<b>FI.(3)R.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	46 14	13	White metal pipe, balcony, green masonry base; 36.	
17816 G 0154	<b>Ponte do Mel.</b>	4° 57.7' S 36° 52.6' W	<b>L.FI.W.</b> period 30s fl. 3.5s, ec. 26.5s	348 106	41	White cylindrical metal framework tower, column in center, black bands; 46.	
17824 G 0156	<b>-Macau, at lagoon.</b>	5° 05.7' S 36° 39.3' W	<b>FI.W.</b> period 6s fl. 0.5s, ec. 5.5s	59 18	13	White four-sided truncated pyramid concrete structure; 56.	
17826 G 0157	Ponta do Tubarao.	5° 04.0' S 36° 29.7' W	<b>FI.W.</b> period 3s fl. 0.3s, ec. 2.7s	30 9	8	White four-sided metal framework structure, red daymark; 23.	
17828 G 0158	Galinhos.	5° 05.3' S 36° 17.4' W	<b>FI.W.</b> period 10s fl. 1s, ec. 9s	46 14	12	White cylindrical concrete tower, red bands; 43.	
17830 G 0161	Caicas.	5° 03.4' S 36° 03.3' W	<b>FI.(2)W.</b> period 10s		2	ISOLATED DANGER BRB, mast, topmark; 26.	Private light.
17832 G 0162	<b>Santo Alberto.</b>	5° 03.2' S 36° 02.3' W	<b>FI.(2)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	138 42	20	Black and white checkered hexagonal concrete tower, black four-sided truncated pyramidal base; 125.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
17836 G 0164	<b>Ponta de Calcanhar.</b>	5° 09.7' S 35° 29.2' W	<b>Fl.W.</b> period 10s fl. 0.3s, ec. 9.7s	243 74	38	White truncated conical concrete tower, black bands; 203.	Aeromarine light. <b>Radiobeacon.</b> <b>DGPS Station.</b>
	RACON		Y(- • - -)		25		(3 & 10cm).
CANAL DE SAO ROQUE:							
17840 G 0166	-Ponta da Gameleira.	5° 13.2' S 35° 25.3' W	<b>Fl.W.R.</b> period 6s fl. 0.5s, ec. 5.5s	89 27	W. 13 R. 9	Black four-sided concrete post, white band; 20.	R. 121°-203°, W.-233°, R.-309°.
17844 G 0168	-Baixo do Rio do Fogo, SW. side.	5° 13.8' S 35° 20.8' W	<b>Fl.R.</b> period 6s fl. 0.5s, ec. 5.5s	39 12	10	Red four-sided concrete tower, white bands; 39.	
17848 G 0170	-Baixo da Teresa Panca.	5° 24.1' S 35° 17.8' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	33 10	11	Black cylindrical concrete tower, white bands; 33.	
17852 G 0172	<b>Cabo de Sao Roque.</b>	5° 29.4' S 35° 15.7' W	<b>Fl.(3)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	164 50	21	Red four-sided masonry tower structure, white bands; 105.	
PORTO DE NATAL:							
17856 G 0177	<b>-Natal.</b>	5° 47.7' S 35° 11.1' W	<b>Fl.(5)W.</b> period 25s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 12s	285 87	39	White truncated conical masonry tower; 121.	Visible 168°-342°. F.R. 147m on TV tower 1.5 miles SSW.
17860 G 0178	<b>-Recife de Natal.</b>	5° 45.1' S 35° 11.7' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	43 13	17	Green four-sided masonry tower; 33.	
17864 G 0180	-Pedra Baixinha, W. side of entrance.	5° 45.0' S 35° 11.8' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	26 8	7	Red truncated conical concrete tower, balcony, white latticework top; 20.	
17872 G 0180.6	-Potengi.	5° 46.9' S 35° 12.6' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	23 7	5	Green four-sided masonry tower, two white bands; 16.	
17876 G 0180.8	-Naval pier.	5° 47.3' S 35° 13.3' W	<b>F.Y.</b>			Yellow four-sided masonry tower; 10.	Private light.
17880 G 0182	-Parnamirim airport AVIATION LIGHT.	5° 54.2' S 35° 14.8' W	<b>Al.Fl.W.G.</b>	210 64		Red metal framework structure, white bands; 49.	
17882 G 0183	<b>Ponta da Tabatinga.</b>	6° 02.7' S 35° 06.8' W	<b>Fl.(5)W.</b> period 60s fl. 1s, ec. 9s fl. 1s, ec. 9s fl. 1s, ec. 9s fl. 1s, ec. 9s fl. 1s, ec. 19s	315 96	24	Gray cylindrical concrete tower; 266.	
17884 G 0184	<b>Cabo de Bacopari.</b>	6° 22.5' S 34° 59.6' W	<b>Fl.(2)W.</b> period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	98 30	15	White and black checkered octagonal masonry tower; 56.	
17888 G 0186	Baia da Traicao.	6° 40.5' S 34° 56.0' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	39 12	12	White four-sided truncated pyramidal masonry, concrete base; 33.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
PORTO DE CABEDELLO:							
17892 G 0188	<b>-Pedra Seca.</b>	6° 57.4' S 34° 49.4' W	<b>Fl.(3)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	52 16	16	White octagonal truncated pyramidal metal tower, four-sided masonry base; 49.	
17900 G 0189	-Cabedelo breakwater, head.	6° 57.7' S 34° 50.6' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	26 8	7	Green four-sided truncated pyramidal masonry tower; 20.	
17904 G 0190	<b>Cabo Branco.</b>	7° 08.9' S 34° 47.9' W	<b>Fl.W.</b> period 10s fl. 1.2s, ec. 8.8s	151 46	27	White truncated pyramidal triangular masonry tower, black band, concrete base with three points; 59.	
17907.5 G 0191.5	Pitumbu.	7° 27.7' S 34° 47.7' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	16 5	5	White metal pipe; 20.	
17908 G 0192	<b>Ponta de Pedras.</b>	7° 37.7' S 34° 48.7' W	<b>Fl.(3)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	184 56	18	White four-sided truncated pyramidal metal frame structure, circular balcony; 23.	
RECIFE:							
17912 G 0202	<b>-Olinda.</b>	8° 00.7' S 34° 50.8' W	<b>Fl.(2)W.</b> period 35s fl. 1s, ec. 7.5s fl. 1s, ec. 25.5s	295 90	46	Black truncated conical concrete tower, white bands; 138.	F.R. 130m on TV tower 1.2 miles NW.
17920 G 0204	<b>-Recife.</b>	8° 03.3' S 34° 51.9' W	<b>Al.FI.W.R.</b> period 12s fl. 0.4s, ec. 3.6s fl. 0.4s, ec. 7.6s	66 20	W. 17 R. 13	White octagonal masonry tower, red band, four-sided concrete base; 59.	Q.R. and Q.W. on radio towers 0.8 mile WNW.
17932 G 0205	-Banco Ingles Breakwater, N.	8° 02.7' S 34° 51.0' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	39 12	11	Green four-sided concrete tower; 23.	
17936 G 0205.4	-S. breakwater.	8° 03.3' S 34° 51.2' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	39 12	11	Red four-sided concrete tower, white bands; 23.	
17944 G 0208	-N. breakwater, head.	8° 02.6' S 34° 51.6' W	<b>L.FI.R.</b> period 8s fl. 2s, ec. 6s	39 12	7	Red cylindrical concrete tower; 30.	
17948 G 0206	-S. breakwater, head.	8° 02.8' S 34° 51.5' W	<b>L.FI.G.</b> period 8s fl. 2s, ec. 6s	39 12	5	Green cylindrical concrete tower; 36.	
17960 G 0212	<b>Cabo de Santo Agostinho.</b>	8° 21.1' S 34° 56.8' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	299 91	22	White cylindrical concrete tower; 49.	
17961 G 0212.4	Porto de Suape, breakwater.	8° 23.6' S 34° 56.8' W	<b>Iso.G.</b> period 2s	52 16	8	Black four-sided concrete post, white bands; 26.	
17962 G 0212.6	-Pier de Graneis Liquidos de Gasosos. No 1.	8° 23.9' S 34° 57.4' W	<b>F.Y.</b>	20 6	2	White metal structure, red bands; 10.	Private light.
17962.3 G 0212.65	--No 2.	8° 23.8' S 34° 57.2' W	<b>F.Y.</b>		2		
17962.5 G 0212.5	-Pier de Cargas Multiplas.	8° 23.8' S 34° 57.5' W	<b>F.Y.</b>	26 8	2	Red four-sided concrete tower, white bands; 13.	Private light.
17964 G 0214	<b>Tamandare.</b>	8° 45.4' S 35° 06.2' W	<b>Fl.(3)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	89 27	18	White cylindrical concrete tower; 72.	N. limit of visibility 236°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
17968 G 0218	<b>Porto de Pedras.</b>	9° 09.4' S 35° 17.9' W	<b>Fl.(2)W.</b> period 15s fl. 1s, ec. 3s fl. 1s, ec. 10s	295 90	24	Black truncated conical concrete tower, white bands; 118.	
17972 G 0220	Ponta Verde.	9° 40.0' S 35° 41.5' W	<b>L.Fl.W.</b> period 10s fl. 2s, ec. 8s	43 13	13	Red cylindrical masonry tower, white bands, truncated pyramidal concrete pillars; 36.	
PORTO DE MACEIO:							
17976 G 0222	<b>-Maceio.</b>	9° 39.4' S 35° 43.5' W	<b>Al.FI.W.R.</b> period 20s W. fl. 1s, ec. 9s R. fl. 1s, ec. 9s	223 68	W. 43 R. 36	White truncated conical masonry tower, black diamonds, black base; 85.	Visible 012°-010°. Iso.R. on tower 0.6 mile W. F.R. on silos 0.4 mile and 0.6 mile SSE.
17980 G 0219	--AVIATION LIGHT.	9° 30.7' S 35° 48.1' W	<b>Al.FI.W.G.</b>	371 113		Red metal framework structure, white bands; 59.	Occasional.
17984 G 0223	-Ponta do Molhe.	9° 40.9' S 35° 43.8' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	5	White cylindrical masonry tower; 33.	
17989 G 0223.4	-Salgema.	9° 41.7' S 35° 45.6' W	<b>Q.R.</b>	30 9	9	Red four-sided concrete tower, white bands; 7.	Private light.
17992 G 0224	Rio de Sao Miguel.	9° 52.0' S 35° 54.4' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	49 15	13	White truncated pyramidal concrete tower, white lattice top, red four-sided concrete base; 43.	
17996 G 0226	Ponta Coruripe.	10° 09.6' S 36° 08.2' W	<b>Fl.(2)W.</b> period 15s fl. 1s, ec. 3s fl. 1s, ec. 10s	66 20	14	White cylindrical masonry tower, black bands, black truncated pyramidal concrete base; 33.	
18000 G 0227	<b>Peba.</b>	10° 29.5' S 36° 23.2' W	<b>L.Fl.W.</b> period 15s fl. 2s, ec. 13s	141 43	17	White four-sided truncated pyramidal metal framework tower, red band; 131.	
18002 G 0229	Platform PRB-1.	10° 39.2' S 36° 38.3' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	82 25	26	Orange platform; 82.	Visible 225°-070°. Additional lights on platform Fl.W. 10M and F.R.
18004 G 0229.5	<b>Santa Isabel.</b>	10° 49.5' S 36° 56.1' W	<b>Fl.W.</b> period 15s fl. 2s, ec. 13s	223 68	17	Cylindrical concrete tower, white band; 207.	
PORTO DE ARACAJU:							
18010 G 0230	<b>-Sergipe.</b>	10° 58.2' S 37° 02.2' W	<b>Oc.(6)W.</b> period 60s lt. 30s, ec. 2s lt. 2.4s, ec. 3.5s lt. 2.4s, ec. 3.5s lt. 2.4s, ec. 3.5s lt. 2.4s, ec. 3.5s lt. 2.4s, ec. 2s	135 41	39	White four-sided concrete tower, black bands; 131.	F.R. on 3 towers 2.7 miles SW. <b>Radiobeacon. DGPS Station.</b>
18011 G 0233	<b>Sao Cristovao.</b>	11° 07.8' S 37° 08.7' W	<b>L.Fl.W.</b> period 20s fl. 2s, ec. 18s	138 42	23	White four-sided concrete tower, two red bands; 131.	
18012	<b>Mangue Seco.</b>	11° 27.9' S 37° 22.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	180 55	15	White four-sided metal framework tower; 82.	
18013 G 0234.5	<b>Itariri.</b>	11° 57.3' S 37° 37.3' W	<b>Fl.W.</b> period 15s	246 75	18	White four-sided concrete tower, black bands; 98.	
18014 G 0235	<b>Subauma.</b>	12° 14.4' S 37° 46.4' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	157 48	23	Red four-sided concrete tower, white bands; 135.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18016 G 0236	Garcia d'Avila.	12° 34.7' S 38° 00.2' W	<b>Fl.(2)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 8s	92 28	21	White cylindrical masonry tower; 82.	
18018 G 0236.2	Camacari.	12° 44.5' S 38° 08.9' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	66 20	16	White cylindrical concrete tower; 66.	
18020 G 0237	Salvador AVIATION LIGHT.	12° 54.8' S 38° 19.7' W	<b>Al.FI.W.G.</b>	75 23		White metal framework structure, red bands; 56.	Occasional. <b>Aero Radiobeacon.</b>
18024 G 0238	Ponta Itapua.	12° 57.4' S 38° 21.2' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	79 24	15	Red truncated conical metal tower, white bands, white masonry base; 69.	F.R. on building 0.5 mile N.
BAIA DE TODOS OS SANTOS:							
18028 G 0242	--Ponta de Santo Antonio.	13° 00.6' S 38° 32.0' W	<b>Al.Iso.W.W.R.</b> period 30s W. lt. 5s, ec. 5s W. lt. 5s, ec. 5s R. lt. 5s, ec. 5s	128 39	W. 38 R. 34	Black cylindrical masonry tower, white bands; 72.	
-Porto do Salvador:							
18032 G 0244	--Mar Grande.	12° 57.7' S 38° 36.0' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	26 8	9	White four-sided masonry tower; 26.	
18033	--Barra da Penha.	12° 58.9' S 38° 36.4' W	<b>Q.W.</b>	30 9	3	White metal pipe, concrete base; 30.	
18034 G 0244.5	--Barra do Pote.	13° 01.2' S 38° 38.7' W	<b>Fl.(2)W.</b> period 6s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 4.5s	20 6	6	White metal pipe, concrete base; 16.	
18035 G 0244.3	--Barra do Gil.	12° 59.7' S 38° 37.4' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	23 7	6	White metal pipe, concrete base; 20.	
18035.5 G 0244.6	--Barra Grande.	13° 02.6' S 38° 40.4' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	23 7	6	White metal pipe, concrete base; 20.	
18036 G 0246	--S. breakwater, N. head.	12° 58.1' S 38° 31.2' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	33 10	5	Red four-sided truncated pyramid masonry tower, concrete base; 20.	
18040 G 0247	--Detached breakwater, S. head.	12° 58.0' S 38° 31.0' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	20 6	5	Green four-sided truncated pyramidal masonry, concrete base; 20.	
18044 G 0247.2	---N. head.	12° 57.3' S 38° 30.7' W	<b>F.Y.</b>	20 6	5	Yellow four-sided truncated pyramidal masonry tower, concrete base; 20.	
18048 G 0249	--Ponta de Monte Serrat.	12° 55.7' S 38° 31.2' W	<b>Fl.R.</b> period 10s fl. 1s, ec. 9s	33 10	11	Red truncated conical masonry tower, white bands; 33.	
18060 G 0254	-Caboto.	12° 45.3' S 38° 30.2' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	112 34	14	White four-sided masonry tower; 26.	
18061 G 0252.2	-Solids pier.	12° 46.8' S 38° 30.1' W	<b>F.R.</b>		3	Red metal pipe.	Private light.
18062 G 0252	-Liquids pier.	12° 47.0' S 38° 30.0' W	<b>F.R.</b>		3	Red metal pipe.	Private light.
18063 G 0251.3	-Naval pier.	12° 47.5' S 38° 29.6' W	<b>F.R.</b>		3	Red metal pipe; 16.	Private light.
18064 G 0251	-Cotegipe.	12° 47.4' S 38° 29.9' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	49 15	5	Red truncated conical masonry tower; 20.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18064.5 G 0251.6	-Aratu.	12° 47.6' S 38° 29.4' W	<b>Mo.(N)Y.</b> period 5s fl. 1.5s, ec. 0.5s fl. 0.5s, ec. 2.5s	16 5	6	Yellow metal pole; 7.	
18065 G 0251.7	-Ponta do Forte.	12° 47.4' S 38° 29.1' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	8	White metal pole, concrete base; 20.	
18066 G 0256	<b>-Itamoabo.</b>	12° 47.7' S 38° 32.0' W	<b>Fl.(2)W.</b> period 3s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 1.5s	164 50	15	White cylindrical masonry tower; 16.	
18067	-Terminal da Usiba.	12° 49.5' S 38° 29.9' W	<b>Iso.W.R.</b> period 2s	115 35	W. 8 R. 6	Gray metallic framework structure on fixed crane.	W. 038°-136°, R.-038°.
18067.2	--N. dolphin.	12° 49.4' S 38° 29.9' W	<b>F.Y.</b>	10 3	5	Yellow iron column.	
18067.4	--S. dolphin.	12° 49.5' S 38° 29.9' W	<b>F.Y.</b>	10 3	5	Yellow iron column.	
18126 G 0262.3	-Baixio do Capeta.	12° 45.0' S 38° 38.1' W	<b>Fl.(2)W.</b> period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s		5	Black metal tube, red bands, triangular concrete base.	
18127 G 0262	-Baixio de Madre de Deus.	12° 44.9' S 38° 37.6' W	<b>Fl.(2+1)G.</b> period 12s fl. 1s, ec. 1s fl. 1s, ec. 3s fl. 1s, ec. 5s		5	Black metal pipe, red bands, triangular concrete base.	
18128 G 0267	-Oureis, on Bancode Oureis.	12° 43.2' S 38° 39.3' W	<b>Fl.(2)W.</b> period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	26 8	8	Red four-sided masonry tower, black bands; 26.	
18132 G 0266	-Ilha do Frade, Ponta de Nossa Senhora de Guadalupe.	12° 48.9' S 38° 38.5' W	<b>Q.(2)W.</b> period 6s	115 35	10	White four-sided concrete tower; 16.	Visible 253°-145°.
18136 G 0268	-Saubara.	12° 44.4' S 38° 43.1' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	11	White four-sided masonry tower; 26.	
	-Rio Paraguacu:						
18140 G 0269	--Ponta Alambique.	12° 50.4' S 38° 47.6' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	36 11	14	White four-sided truncated pyramidal metal framework structure, four-sided masonry base; 23.	
18144 G 0270	--Cabeca de Negro.	12° 49.5' S 38° 51.5' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	23 7	5	Red metal pipe, red four-sided masonry base; 20.	
18145 G 0270.2	--Salamina.	12° 47.9' S 38° 51.3' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	46 14	6	White metal pipe, red bands; 16.	
18148 G 0274	<b>Morro de Sao Paulo.</b>	13° 22.6' S 38° 54.9' W	<b>Fl.(2)W.</b> period 15s fl. 1s, ec. 3s fl. 1s, ec. 10s	292 89	23	White truncated conical masonry tower; 85.	Southern limit of visibility 355°.
18154 G 0279	Ponta Muta.	13° 52.7' S 38° 56.9' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	36 11	11	White four-sided masonry tower; 33.	
18155 G 0280	<b>Morro Taipus.</b>	13° 57.2' S 38° 56.5' W	<b>Fl.(3)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	249 76	23	Red four-sided concrete tower, white bands; 82.	
18156 G 0282	<b>Ilhota de Contas.</b>	14° 16.5' S 38° 59.1' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	69 21	15	White four-sided masonry tower; 66.	Visible 060°-320°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18160 <i>G 0288</i>	<b>Ilheus.</b>	14° 48.3' S 39° 01.5' W	<b>Fl.W.</b> period 10s fl. 1.3s, ec. 8.7s	115 35	23	White cylindrical masonry tower; 33.	Southern limit of visibility 340°30'. <b>Aero Radiobeacon</b> 0.74 mile WSW.
18164 <i>G 0286</i>	Ilheu Grande.	14° 46.2' S 39° 01.1' W	<b>Fl.(3)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	66 20	8	White four-sided masonry tower; 13.	
18168 <i>G 0287</i>	Porto do Malhado, breakwater, head.	14° 46.1' S 39° 01.6' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	46 14	5	White four-sided truncated framework tower, black band; 26.	
18170 <i>G 0290.5</i>	<b>Comandatuba.</b>	15° 21.1' S 38° 58.7' W	<b>Fl.(3)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	148 45	23	White four-sided concrete tower; 131.	
18172 <i>G 0292</i>	<b>Belmonte.</b>	15° 51.8' S 38° 52.5' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	118 36	21	White conical metal framework structure, central column, red bands, red dwelling; 112.	
18173 <i>G 0292.9</i>	Terminal Belmonte, N. end.	16° 01.7' S 38° 55.1' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	39 12	5	Green four-sided concrete tower; 16.	Private light.
18173.5 <i>G 0293.1</i>	-S. end.	16° 01.9' S 38° 55.2' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	39 12	5	Red four-sided concrete tower; 16.	Private light.
18174 <i>G 0294</i>	<b>Araripe.</b>	16° 08.1' S 38° 57.9' W	<b>L.Fl.W.</b> period 10s fl. 2s, ec. 8s	230 70	17	White four-sided concrete tower, two black bands; 131.	
18176 <i>G 0296</i>	<b>Porto Seguro.</b>	16° 26.1' S 39° 03.8' W	<b>Al.Fl.W.W.R.</b> period 30s W. fl. 1s, ec. 9s W. fl. 1s, ec. 9s R. fl. 1s, ec. 9s	187 57	W. 26 R. 21	White four-sided masonry tower; 39.	Visible 190°-347°.
18180 <i>G 0298</i>	Ponta Corumbau.	16° 53.7' S 39° 06.9' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	49 15	12	White four-sided truncated pyramidal concrete tower; 39.	
18182 <i>G 0298.5</i>	-Cumuruxatiba.	17° 06.0' S 39° 10.0' W	<b>Fl.(3)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	20 6	7	White metal pipe, masonry base; 13.	
18184 <i>G 0299</i>	<b>Barreiras do Prado.</b>	17° 17.2' S 39° 13.2' W	<b>Fl.(2)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 8s	138 42	16	White four-sided truncated pyramidal metal framework tower; 72.	
18188 <i>G 0300</i>	<b>Alcobaca.</b>	17° 31.0' S 39° 11.4' W	<b>Fl.W.</b> period 15s fl. 1s, ec. 14s	92 28	15	White four-sided masonry tower, red band; 79.	
18192 <i>G 0301</i>	Caravelas AVIATION LIGHT.	17° 39.3' S 39° 15.0' W	<b>Al.Fl.W.G.</b>	89 27		Metal framework; 75.	Occasional. <b>Aero Radiobeacon.</b>
18196 <i>G 0302</i>	Ponta da Baleia.	17° 41.3' S 39° 08.1' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	62 19	14	White four-sided truncated pyramidal metal framework structure; 49.	
18200 <i>G 0306</i>	<b>Canal dos Abrolhos.</b>	17° 57.9' S 38° 41.5' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	197 60	51	Black truncated conical metal tower, white bands; 72.	<b>Radiobeacon.</b> <b>DGPS Station.</b>
	RACON		<b>Q(- - • -)</b>		25		(3 & 10cm).
18204 <i>G 0304</i>	Ponta Catoeiro.	17° 52.0' S 39° 16.2' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	66 20	14	White four-sided metal framework tower; 52.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18206 G 0305	<b>Nova Vicosia.</b>	17° 53.9' S 39° 22.4' W	<b>L.FI.W.</b> period 15s fl. 2s, ec. 13s	210 64	23	Orange four-sided truncated pyramidal metal framework structure, white bands; 180.	
18208 G 0308	Coroa Vermelha.	17° 58.1' S 39° 12.4' W	<b>Fl.(3)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	53 16	13	Red octagonal masonry tower; 46.	
18210 G 0310	<b>Mucuri.</b>	18° 03.7' S 39° 32.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	79 24	16	White cylindrical concrete tower; 66.	
18213 G 0312	<b>Sao Mateus.</b>	18° 36.9' S 39° 43.9' W	<b>Fl.(2)W.</b> period 15s fl. 1s, ec. 3s fl. 1s, ec. 10s	46 14	15	White cylindrical fiberglass tower, red bands; 23.	
18214 G 0313.5	<b>Sucuraca.</b>	19° 05.8' S 39° 43.4' W	<b>Fl.(2)W.</b> period 30s fl. 1s, ec. 9s fl. 1s, ec. 19s	210 64	24	White four-sided concrete tower, black bands; 131.	
18216 G 0316	<b>Rio Doce.</b>	19° 39.3' S 39° 49.5' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	151 46	18	White four-sided concrete tower, red bands; 138.	
18220 G 0317	Barra do Riacho, N. mole, head.	19° 50.6' S 40° 03.3' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	9	Red metal pipe; 13.	
18224 G 0317.2	-S. mole, head.	19° 50.7' S 40° 03.2' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	8	Green metal frame; 13.	
18228 G 0316.5	Barra do Riacho.	19° 50.0' S 40° 03.8' W	<b>Fl.(2)W.</b> period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	112 34	14	White cylindrical concrete tower; 72.	
<b>ILHA DA TRINIDADE:</b>							
18232 G 0314	-Ponta do Valado.	20° 30.0' S 29° 19.3' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	46 14	8	White four-sided truncated pyramidal masonry tower, red bands; 10.	Occasional.
18234 G 0315	-Enseada dos Portugueses Range, front.	20° 30.5' S 29° 18.9' W	<b>Q.R.</b>	148 45	4	White four-sided metal framework structure, yellow diamond daymark; 36.	Occasional.
18236 G 0315.1	--Rear, 65 meters 194° from front.	20° 30.5' S 29° 18.9' W	<b>Iso.R.</b> period 2s	151 46	4	Red four-sided metal framework structure, daymark; 10.	Visible 147°-286°. Occasional.
18237 G 0315.3	-Calheta Range, front.	20° 30.5' S 29° 18.6' W	<b>Q.W.</b>	16 5	5	White four-sided truncated pyramidal masonry tower, red stripe; 16.	Occasional.
18238 G 0315.4	--Rear, 55 meters 137° from front.	20° 30.5' S 29° 18.6' W	<b>Iso.W.</b> period 2s	16 5	6	White four-sided truncated pyramidal masonry tower, red stripe; 16.	Occasional.
<b>BAHIA DO ESPIRITO SANTO:</b>							
18240 G 0320	<b>-Ponta de Santa Luzia.</b>	20° 19.5' S 40° 16.1' W	<b>Fl.(4)W.</b> 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	34	White octagonal metal tower; 46.	
	-RACON		<b>M(- -)</b>		25		(3 & 10cm).
18240.5 G 0320.19	-Port Tubarao Range, front.	20° 16.5' S 40° 15.4' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	49 15	5	Orange cylindrical fiberglass tower, white bands; 26.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18241 G 0320.2	--Rear, 0.65 mile 344°30' from front.	20° 15.9' S 40° 15.6' W	<b>Q.W.</b>	85 26	5	Orange cylindrical fiberglass tower, white bands; 33.	
18243 G 0320.3	-Mole, head.	20° 18.1' S 40° 14.4' W	<b>Q.R.</b>	46 14	6	Red cylindrical fiberglass tower, white bands; 20.	
18244 G 0320.31	-Mole, elbow.	20° 17.7' S 40° 13.8' W	<b>Q.R.</b>	46 14	5	Red metal pipe, white bands; 20.	
18245 G 0320.7	-Praia Mole (pier).	20° 17.9' S 40° 14.2' W	<b>Q.R.</b>	30 9	3	Red cylindrical metal tower; 16.	Private light.
18246 G 0320.8	-Cais Siderurgico.	20° 17.7' S 40° 14.2' W	<b>Q.G.</b>	33 10	3	Green cylindrical metal tower; 16.	Private light.
18247 G 0320.4	-S. breakwater, head.	20° 17.6' S 40° 14.8' W	<b>Q.R.</b>	46 14	5	Orange cylindrical fiberglass tower, white bands; 33.	
18248 G 0320.6	-N. breakwater, head.	20° 17.5' S 40° 14.8' W	<b>F.Y.</b>		3		Private light.
18249 G 0320.65	-Pier II, head.	20° 17.3' S 40° 15.0' W	<b>F.Y.</b>	30 9	7	Yellow cylindrical fiberglass tower; 26.	
18252 G 0321	-Baleia, Pedra de Baleia, N. side.	20° 19.1' S 40° 16.3' W	<b>Fl.(2)W.</b> period 6s fl. 1s, ec. 2s fl. 1s, ec. 2s	16 5	9	White cylindrical masonry tower; 13.	
18256 G 0318	-Vitoria AVIATION LIGHT.	20° 15.4' S 40° 17.4' W	<b>Al.FI.W.G.</b>	59 18		Red metal framework structure, white bands; 49.	Occasional. <b>Radiobeacon</b> 4.52 miles NE.
18259 G 0318.5	-Carapebus.	20° 15.6' S 40° 13.2' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	39 12	9	White cylindrical metal structure; 13.	
18264 G 0322	-Ilha do Boi, A Range, front.	20° 18.6' S 40° 16.9' W	<b>Dir.W.R.G.</b>	233 71	W. 13 R. 9 G. 9	White truncated conical concrete tower, horizontal disk.	F.R. 282°-284°, Al.W.R.-286°, F.W.-288°, Al.W.G.-290°, F.G.-292°. F.W., F.R. and F.G. on bridge 1000 meters SW, center span marked by Q.W. Range 4/3M by day.
18268 G 0322.1	<b>-Morro Grande</b> , rear, 1.67 mile 287° from front.	20° 18.2' S 40° 18.6' W	<b>Iso.W.</b> period 2s	682 208	20	White four-sided truncated pyramidal metal framework structure, red bands.	
18272 G 0323	<b>-Ponta Uchuria</b> , B 3 Range, front.	20° 19.4' S 40° 17.2' W	<b>Q.R.</b>	23 7	16	White four-sided concrete tower, red triangular daymark point up; 16.	
18276 G 0323.1	--Rear, 4, 120 meters 245°30' from front.	20° 19.4' S 40° 17.3' W	<b>Iso.R.</b> period 2s	112 34	16	White four-sided concrete tower, red triangular daymark point down; 13.	
18280 G 0324	<b>-Ponta do Tagano</b> , C 5 Range, front.	20° 19.3' S 40° 16.5' W	<b>Q.R.</b>	69 21	15	White four-sided concrete tower, red triangular daymark point up; 13.	
18284 G 0324.1	--Rear, 6, 130 meters 087° from front.	20° 19.3' S 40° 16.5' W	<b>Iso.R.</b> period 2s	85 26	15	White four-sided concrete tower, red triangular daymark point down; 13.	
18288 G 0325	-Ponta do Soares.	20° 19.4' S 40° 18.0' W	<b>Fl.(3)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	20 6	5	White metal framework structure; 10.	
18292 G 0327	-Ilha das Pombas.	20° 19.3' S 40° 19.0' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	23 7	5	Green metal framework structure; 10.	
18296 G 0326	-Ilha da Fumaca, pier.	20° 19.2' S 40° 18.8' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	46 14	5	White metal framework structure; 10.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18300 G 0327.3	-Ilha do Urubu.	20° 19.2' S 40° 19.1' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	33 10	7	Red hexagonal masonry tower; 10.	
18304 G 0327.6	-Recife de Sao Joao.	20° 19.3' S 40° 19.6' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	23 7	8	White metal framework structure, cylindrical concrete base; 16.	
18308 G 0327.8	-Argolas.	20° 19.4' S 40° 20.5' W	<b>Fl.(3)W.</b> period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 2.5s	23 7	5	White metal post, white concrete base.	
18310 G 0327.9	-Pedra das Argolas.	20° 19.5' S 40° 20.6' W	<b>Fl.(3)W.</b> period 8s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4.5s	23 7	6	White cylindrical concrete tower; 23.	
18312 G 0328	Ilha do Pacotes, N. side of rock.	20° 21.1' S 40° 15.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	23 7	8	White cylindrical masonry tower; 13.	
	RACON		<b>N(- •)</b>		15		(3 & 10cm).
18316 G 0330	<b>Ilha Escalvada.</b>	20° 42.2' S 40° 24.4' W	<b>Q.(2)W.</b> period 6s	89 27	15	Red cylindrical metal tower; 39.	
18320 G 0331	Point Ubu.	20° 46.9' S 40° 34.7' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	89 27	14	White truncated pyramidal masonry tower; 16.	
18321 G 0331.2	-Range, front.	20° 46.9' S 40° 34.7' W	<b>F.W.</b>	92 28	10	White rectangular concrete post, white rectangular daymark; 20.	Occasional.
18322 G 0331.21	--Rear, about 120 meters 270° from front.	20° 46.9' S 40° 34.8' W	<b>F.W.</b>	105 32	10	White rectangular concrete post, white rectangular daymark; 33.	Occasional.
18324 G 0332	<b>Ilha do Frances.</b>	20° 55.6' S 40° 45.3' W	<b>L.Fl.W.</b> period 15s fl. 2s, ec. 13s	157 48	18	Brown four-sided masonry tower, white top and edges; 39.	
18328 G 0334	<b>Itapemirim.</b>	21° 00.1' S 40° 47.1' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	16 5	15	White four-sided masonry tower; 10.	
18330 G 0335	Barra de Itabapoana.	21° 18.8' S 40° 57.9' W	<b>Fl.G.</b> period 6s fl. 0.5s, ec. 5.5s	115 35	11	White four-sided metal framework tower, white rectangular daymark; 49.	
18330.5 G 0335.5	<b>Ponta do Retiro.</b>	21° 21.5' S 40° 57.8' W	<b>Fl.(3)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	131 40	23	White cylindrical concrete tower, red band, four-sided masonry base; 98.	
18332 G 0338	<b>Atafona.</b>	21° 37.5' S 41° 00.9' W	<b>Fl.(2)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	98 30	16	Black four-sided pyramidal framework structure, white bands; 82.	
18336 G 0340	Barra do Acu.	22° 00.0' S 40° 59.2' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	43 13	12	Black cylindrical fiberglass tower, white bands; 33.	
18340 G 0342	<b>Cabo Sao Tome.</b>	22° 02.5' S 41° 03.2' W	<b>L.Fl.(2)W.</b> period 67.5s fl. 3s, ec. 10.5s fl. 3s, ec. 51s	161 49	40	Red metal framework structure, central column; 148.	<b>DGPS Station.</b> <b>Radiobeacon</b> tower marked by 3 F.R. lights.
	RACON		<b>O(- - -)</b>		25		(3 & 10cm).
18342 G 0343	<b>Quissama.</b>	22° 09.7' S 41° 17.9' W	<b>L.Fl.W.</b> period 10s fl. 2s, ec. 8s	131 40	17	White cylindrical concrete tower, two red bands, four-sided masonry base; 131.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18344 G 0346	<b>Macaé.</b>	22° 24.9' S 41° 42.4' W	<b>Al.L.FI.W.R.</b> period 20s fl. 2.3s, ec. 7.7s fl. 2.3s, ec. 7.7s	512 156	W. 28 R. 22	White four-sided masonry tower; 52.	
18348 G 0348	Ilha dos Papagaios.	22° 23.0' S 41° 45.6' W	<b>Q.(2)W.R.</b> period 6s	89 27	W. 9 R. 6	Red four-sided metal framework structure; 16.	R. 270°-315°.
18352 G 0349	Ilha Branca.	22° 43.8' S 41° 52.5' W	<b>FI.W.</b> period 5s fl. 0.5s, ec. 4.5s	125 38	8	White metal pipe, white four- sided masonry base; 16.	F.R. light on mast 2 miles S.
18356 G 0350	Lajinha (Laginha), E. of new bar.	22° 53.3' S 42° 00.2' W	<b>FI.R.</b> period 3s fl. 0.3s, ec. 2.7s	161 49	9	White four-sided truncated pyramidal concrete tower, lower half masonry; 23.	
18360 G 0352	<b>Cabo Frio.</b>	23° 00.8' S 42° 00.1' W	<b>FI.W.</b> period 10s fl. 1.2s, ec. 8.8s	459 140	49	White truncated conical metal tower; 52.	Visible 231°-118°.
18362 G 0352.5	Ilha dos Franceses.	22° 59.0' S 42° 02.3' W	<b>Iso.R.</b> period 2s	43 13	4	Red concrete tower; 20.	
18364 G 0356	<b>Ponta Negra.</b>	22° 57.7' S 42° 41.6' W	<b>FI.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	233 71	21	White cylindrical concrete tower; 36.	
18368 G 0358	<b>Ilhas Maricas.</b>	23° 00.9' S 42° 55.2' W	<b>L.FI.W.</b> period 15s fl. 2s, ec. 13s	262 80	16	Black truncated conical masonry tower, white bands; 33.	
BAIA DE GUANABARA:							
-Rio de Janeiro:							
18372 G 0360	-- <b>Ilha Rasa.</b>	23° 03.8' S 43° 08.7' W	<b>Al.FI.W.W.R.</b> period 15s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 4.5s	331 101	W. 51 R. 45	White four-sided masonry tower, cylindrical top, brown edges.	Visible 085°-077°. 3 F.R. lights shown from tower at light. <b>Radiobeacon.</b> <b>DGPS Station.</b>
18374 G 0367.4	-- <b>Morro do Pico.</b>	22° 56.2' S 43° 07.4' W	<b>Q.W.</b>	823 251	30		Private light.
18376 G 0362	--Ilha de Palmas, W. end of island.	23° 01.6' S 43° 12.3' W	<b>FI.W.R.</b> period 6s fl. 1s, ec. 5s	105 32	W. 10 R. 7	White truncated conical concrete tower, four-sided base; 10.	W. 008°-076°, R.-081°, W.- 252°.
18380 G 0367	--Fort Santa Cruz.	22° 56.3' S 43° 08.1' W	<b>Iso.R.</b> period 2s	85 26	14	White masonry column, hexagonal lantern; 20.	
18384 G 0368	--Ilha da Laje.	22° 56.1' S 43° 08.8' W	<b>Iso.G.</b> period 2s	55 17	11	Green four-sided truncated pyramidal concrete tower; 33.	
18388 G 0372	--Ilha de Villegagnon.	22° 54.8' S 43° 09.5' W	<b>FI.W.</b> period 6s fl. 0.5s, ec. 5.5s	23 7	5	Two white four-sided concrete towers, green band; 23.	
18389 G 0374	--Isla Fiscal.	22° 54.0' S 43° 10.1' W	<b>FI.R.</b> period 6s fl. 0.5s, ec. 5.5s	26 8	8	Gray truncated pyramidal concrete tower; 20.	
18392 G 0365	--TV tower.	22° 57.0' S 43° 13.8' W	<b>Q.W.</b>	2844 867	24	White four-sided metal framework structure, red bands; 341.	Private light.
18396 G 0364	--TV tower.	22° 57.1' S 43° 14.2' W	<b>Q.W.</b>	2792 851	40		Private light.
18400 G 0366	-- <b>Santos Dumont AVIATION LIGHT.</b>	22° 54.6' S 43° 10.0' W	<b>Al.FI.W.G.</b>	246 75	22	Red four-sided metal framework structure, white bands; 10.	
18401 G 0369.5	--Pescadores, mole, head.	22° 55.0' S 43° 10.0' W	<b>FI.R.</b> period 6s fl. 0.5s, ec. 5.5s	30 9	5	Red concrete pipe, red balcony; 16.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18404 G 0376	--Feiticeiras, on shoal.	22° 52.9' S 43° 10.1' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	29 9	7	ISOLATED DANGER BRB, tower, topmark.	
18408	-President Costa and Silva Bridge RACON.	22° 52.3' S 43° 09.3' W	<b>G(- - •)</b>		25		(3 & 10cm).
18409 G 0380.3	--W. pillar.	22° 52.3' S 43° 09.4' W	<b>F.G.</b>	26 8	5	Green metal framework structure; 16.	
18410 G 0380.32	--E. pillar.	22° 52.3' S 43° 09.2' W	<b>F.R.</b>	26 8	5	Red metal framework structure; 16.	
18412 G 0381.8	-Mocangue, W. pier, head.	22° 51.9' S 43° 08.3' W	<b>Fl.R.</b> period 3s fl. 0.5s, ec. 2.5s	23 7	5	White metal post; 20.	F.Y. mark pier heads on N. and E. sides of Ilha do Mocangue.
18413 G 0382.25	<b>-Ponta da Armacao.</b>	22° 53.1' S 43° 08.0' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	69 21	19	Black four-sided truncated pyramidal masonry tower, white bands; 62.	F.Y. on pier 200 meters NW.
18414 G 0382.4	-BACS(E).	22° 52.5' S 43° 08.1' W	<b>F.Y.</b>				
18416 G 0382.5	-BACS(W).	22° 52.4' S 43° 07.9' W	<b>F.Y.</b>				
18420 G 0385	-Galeao AVIATION LIGHT.	22° 48.4' S 43° 14.2' W	<b>Al.FI.W.G.</b>	164 50		White four-sided truncated pyramidal metal framework structure, red bands; 33.	Occasional.
18424 G 0385.4	-Ponta da Ribeira, mole.	22° 49.4' S 43° 09.8' W	<b>3 F.Y.</b>		3	Two black posts.	Lights arranged in triangular shape. Private light.
18425 G 0385.41	--Tower.	22° 49.4' S 43° 10.1' W	<b>3 F.W.</b>		3	Black post, building.	Lights arranged in triangular shape. Private light.
18432 G 0386	-Terminal Alte. Tamandare, S. beacon.	22° 49.3' S 43° 09.2' W	<b>Q.Y.</b>	43 13	3	White metal post; 33.	Private light.
18433 G 0386.4	--N. beacon.	22° 49.1' S 43° 09.2' W	<b>Q.Y.</b>	43 13	3	White metal post; 33.	Private light.
18434 G 0389	--Secondary pier, N. beacon.	22° 48.2' S 43° 09.1' W	<b>Q.Y.</b>	46 14	3	White metal post; 33.	Private light.
18434.5 G 0389.1	--S. beacon.	22° 48.3' S 43° 09.0' W	<b>Q.Y.</b>	43 13	3	White metal post; 33.	Private light.
18435 G 0391	-Ilha Rasa de Dentro.	22° 48.0' S 43° 09.5' W	<b>Fl.(2)W.</b> period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	30 9	4	ISOLATED DANGER BRB, column, topmark; 10.	
18436 G 0387	-Manue is de Dentro.	22° 48.5' S 43° 09.2' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	36 11	5	Green cylindrical masonry tower; 26.	
18438 G 0390	-Pedra da Sardinha.	22° 48.1' S 43° 07.6' W	<b>Fl.(2)W.</b> period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 8s	23 7	5	ISOLATED DANGER BRB, post, topmark; 10.	
18439 G 0388.8	--Ilha Comprida.	22° 48.3' S 43° 07.4' W	<b>Iso.W.</b> period 2s	36 11	4	White metal tube; 23.	
18439.2 G 0388.7	--Ponte.	22° 48.2' S 43° 07.3' W	<b>Iso.W.</b> period 2s	49 15	4	White metal tube; 10.	
18439.4 G 0388.63	--Ilha Redonda.	22° 48.2' S 43° 07.2' W	<b>Iso.W.</b> period 2s	49 15	4	White metal tube; 10.	
18440 G 0388	-Cocois.	22° 48.5' S 43° 07.7' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	20 6	5	Red metal tower, four-sided concrete base; 10.	Q.Y. 8m 5M on dolphin 0.5 mile NE.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18441 <i>G 0388.4</i>	-Alinhamento Range, front.	22° 48.1' S 43° 07.2' W	<b>Q.R.</b>	43 13	5	White metal pipe, red triangular daymark point up; 33.	Private light.
18441.1 <i>G 0388.41</i>	--Rear, about 230 meters 073°42' from front.	22° 48.1' S 43° 07.1' W	<b>Iso.R.</b> period 2s	49 15	6	White framework tower, red triangular daymark point down; 33.	Private light.
18444 <i>G 0392</i>	-Pedra do Xareu.	22° 47.8' S 43° 08.5' W	<b>Fl.(2)W.</b> period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	36 11	7	ISOLATED DANGER BRB, pipe, topmark; 30.	
18448 <i>G 0394</i>	-Gravatais.	22° 47.6' S 43° 07.0' W	<b>Fl.(2)W.</b> period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	20 6	8	ISOLATED DANGER BRB, tower, topmark; 13.	
18452 <i>G 0396</i>	-Ilha de Itapacis.	22° 46.6' S 43° 06.4' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	32 10	5	Red cylindrical concrete tower; 23.	
18452.3 <i>G 0398.5</i>	-Ilha de Lobos.	22° 45.8' S 43° 06.1' W	<b>Fl.(2)G.</b> period 6s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 4.5s	16 5	5	Green metal pipe; 16.	
18452.5 <i>G 0398</i>	-Ponta da Ribeira.	22° 45.9' S 43° 06.2' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	46 14	8	White four-sided masonry tower; 36.	
18453 <i>G 0397</i>	-Laje Tijolo do Boqueirao.	22° 46.4' S 43° 09.9' W	<b>Fl.Y.</b> period 3s fl. 0.5s, ec. 2.5s	13 4	5	SPECIAL Y, beacon, "X" topmark; 10.	
18455 <i>G 0384</i>	-Pedras da Passagem.	22° 50.5' S 43° 10.0' W	<b>Q.W.</b>	30 9	10	Black cylindrical concrete tower, white bands; 26.	
18456 <i>G 0402</i>	-Ilha Pontuda.	23° 02.3' S 43° 18.2' W	<b>Fl.W.R.</b> period 10s fl. 0.5s, ec. 9.5s	285 87	W. 11 R. 7	White cylindrical metal tower, concrete base; 10.	W. 213°-027°, R.-055°, W.- 085°, R.-096°, W.-205°, R.-213°.
18460 <i>G 0404</i>	<b>Ponta de Guaratiba.</b>	23° 04.9' S 43° 33.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	138 42	18	White four-sided concrete tower; 26.	
18464 <i>G 0418</i>	<b>Santa Cruz AVIATION LIGHT.</b>	22° 55.7' S 43° 42.8' W	<b>Al.FI.W.G.</b>	246 75	22	Red metal framework structure, white bands; 16.	Occasional. <b>Aero Radiobeacon</b> 1.6 miles SW.
18468 <i>G 0406</i>	<b>Laje Marambaia.</b>	23° 07.0' S 43° 50.2' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	79 24	18	Black truncated pyramidal masonry tower, red bands; 23.	
18472 <i>G 0408</i>	<b>Ponta de Castelhanos.</b>	23° 10.1' S 44° 05.6' W	<b>Oc.(3)W.</b> period 10s lt. 6s, ec. 0.8s lt. 0.5s, ec. 1.4s lt. 0.5s, ec. 0.8s	397 121	27	White four-sided masonry tower, white dwelling; 52.	Visible 149°-027°.
BAIA DA ILHA GRANDE:							
18476 <i>G 0409</i>	-Ilha Pau a Pino.	23° 06.0' S 44° 07.1' W	<b>Q.(3)W.</b> period 10s	82 25	10	White cylindrical masonry tower; 6.	
18478 <i>G 0409.5</i>	-Ilha do Abraao.	23° 06.9' S 44° 09.9' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	29 9	6	White metal pipe, diamond daymark; 16.	Visible 093°-066°.
18480 <i>G 0411</i>	-Channel A and B Range, common front.	23° 02.5' S 44° 06.3' W	<b>Fl.(2)R.</b> period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 8s	23 7	3	White triangular metal framework structure, four-sided concrete base, white diamond daymark.	<b>Radar reflector.</b>
			<b>Q.Y.</b>		8		
			<b>Q.Y.</b>		5		
	-RACON		<b>M(- -)</b>		19		(3 & 10cm).

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18484 G 0410.9	--A, rear, 2300 meters. 328°30' from front.	23° 01.4' S 44° 07.0' W	<b>Iso.Y.</b> period 2s		9	White triangular metal framework structure, four-sided concrete base, white diamond daymark.	
18492 G 0411.1	--B, rear, 940 meters 249° from front.	23° 02.7' S 44° 06.8' W	<b>Iso.R.</b> period 2s	56 17	7	White triangular metal framework structure, four-sided concrete base, white diamond daymark.	<b>Radar reflector.</b>
			<b>Iso.Y.</b> period 2s		6		
18496 G 0412	-Laje de Mangaratiba.	23° 00.7' S 44° 04.6' W	<b>Fl.(2)W.</b> period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	20 6	7	ISOLATED DANGER BRB, tower, topmark; 16.	
18497 G 0414	-Terminal da Ilha Guaiba, W. head.	23° 00.8' S 44° 02.1' W	<b>F.Y.</b>		3	Yellow metal framework structure.	Private light.
18498 G 0414.2	--E. end.	23° 00.7' S 44° 01.9' W	<b>Q.G.</b>		3	Green metal framework structure.	
18500 G 0415	-Laje Alagada.	23° 02.0' S 43° 58.4' W	<b>Q.R.</b>	13 4	5	Red four-sided masonry tower; 10.	
BAIA DE SEPETIBA:							
18501 G 0416.3	-Laje de Pedra Branca.	22° 57.9' S 43° 53.3' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	23 7	5	Black four-sided masonry tower; red bands.	
18502 G 0416.5	-Laje Preta.	22° 57.6' S 43° 52.6' W	<b>Q.(9)W.</b> period 15s	13 4	5	W. CARDINAL YBY, tower, topmark.	
18503 G 0416.8	-Ilha do Martins.	22° 57.3' S 43° 51.5' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	13 4	8	White four-sided masonry tower; 10.	
18503.5 G 0417	-Sepetiba.	22° 56.2' S 43° 50.4' W	<b>F.Y.</b>		3	White metal structure, yellow lantern.	Private light.
BAIA DA ILHA GRANDE:							
18504 G 0416	-Ilha Jurubaiba.	22° 57.6' S 43° 57.0' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	75 23	7	White four-sided truncated pyramidal concrete tower; 16.	Visible 290°-258°.
18506 G 0415.5	-Jaguanum.	22° 59.9' S 43° 56.2' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	13 4	7	White metal pipe; 13.	
18508 G 0414.6	-Laje do Cabrito.	22° 57.9' S 44° 00.4' W	<b>Q.(9)W.</b> period 15s	16 5	7	W. CARDINAL YBY, tower, topmark; 10.	
18512 G 0414.8	Laje Preta de Fora.	22° 58.6' S 44° 01.3' W	<b>Q.(3)W.</b> period 10s	16 5	5	E. CARDINAL BYB, tower, topmark; 10.	
18516 G 0420	-Ilha da Itacuatiba.	23° 04.2' S 44° 15.1' W	<b>Fl.W.</b> period 6s fl. 0.3s, ec. 5.7s	148 45	7	White four-sided masonry tower; 16.	
18517 G 0419	-Ponte Leme, E. pier head.	23° 03.7' S 44° 13.6' W	<b>F.Y.</b>		3		Private light.
18518 G 0419.2	--Pier elbow.	23° 03.6' S 44° 13.9' W	<b>F.Y.</b>		3		Private light.
18520 G 0424	-Ilha Saracura.	23° 03.3' S 44° 16.1' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	56 17	5	Red four-sided truncated pyramidal masonry tower; 13.	
18522 G 0417.5	-Ponta do Funil, E. range marker.	23° 05.2' S 44° 12.7' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	20 6	7	White four-sided concrete post; 13.	

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<b>BRAZIL</b>							
18524 G 0426	-Laje Grande.	23° 00.9' S 44° 15.2' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	23 7	6	Green cylindrical metal tower; 13.	
18525 G 0427	-Lajes Pretas.	23° 01.4' S 44° 16.1' W	<b>Fl.(2)W.</b> period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s		5	Black cylindrical concrete tower, red band; 10.	
18526 G 0427.5	-Ilha do Peregrino.	23° 01.5' S 44° 17.4' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	13 4	8	Green cylindrical concrete tower; 13.	
18528 G 0432	-Laje Preta.	23° 03.0' S 44° 18.5' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	39 12	6	Green cylindrical concrete tower; 20.	
18532 G 0428	-Laje dos Homens, S. extremity.	23° 02.3' S 44° 17.9' W	<b>Iso.R.</b> period 2s	26 8	4	Red cylindrical concrete tower; 16.	
18534 G 0429	-Laje Alagada.	23° 02.1' S 44° 18.0' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s		5	Red cylindrical concrete tower.	
18536 G 0430	Calombo, W. head.	23° 01.6' S 44° 18.8' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	10 3	5	Red four-sided concrete post; 10.	
18537 G 0431.5	-Ilha dos Coqueiros.	23° 00.6' S 44° 18.5' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	13 4	5	Green concrete tower; 13.	
18538 G 0431	-Naval College, pier.	23° 00.9' S 44° 19.7' W	<b>F.Y.</b>			White masonry tower, square base; 7.	
18539 G 0435	-Laje Branca.	23° 00.0' S 44° 22.0' W	<b>Fl.(2)W.</b> period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s		5	Black cylindrical concrete tower, red band; 10.	
18540 G 0434	-Laje da Figueira.	23° 01.3' S 44° 22.2' W	<b>Fl.(2)W.</b> period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	13 4	5	ISOLATED DANGER BRB, tower, topmark.	
18541 G 0440	-Laje do Sitio.	22° 59.1' S 44° 23.5' W	<b>Q.(2)W.</b> period 4s	13 4	8	White cylindrical metal tower, red band; 10.	
18542 G 0433.5	-Ilha de Piedade.	23° 02.3' S 44° 20.8' W	<b>Fl.Y.</b> period 3s fl. 0.5s, ec. 2.5s		5	Yellow metal pipe.	Private light.
18543 G 0439.2	-Bracui Marina, E.	22° 57.3' S 44° 23.7' W	<b>F.R.</b>		5	Red metal pipe.	Private light.
18543.5 G 0439	--W.	22° 57.3' S 44° 23.8' W	<b>F.G.</b>		5	Green metal pipe.	Private light.
18544 G 0450	-Laje do Coronel.	23° 06.0' S 44° 24.0' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	26 8	10	ISOLATED DANGER BRB, tower, topmark; 13.	
	-RACON		<b>T(-)</b>		25		(3 & 10cm).
18548 G 0448	-Laje Branca.	23° 08.3' S 44° 20.8' W	<b>Fl.(2)W.</b> period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	20 6	5	ISOLATED DANGER BRB, tower, topmark; 13.	
18552 G 0454	-Ilha Rapada, S. head.	23° 09.6' S 44° 39.8' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	180 55	5	PORT (A) R, tower, topmark; 23.	
18556 G 0458	-Juatinga.	23° 17.6' S 44° 30.3' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	574 175	17	White four-sided truncated pyramidal concrete tower; 26.	Visible 137°-045°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18558 <i>G 0459</i>	<b>-Ponta dos Meros.</b>	23° 13.5' S 44° 20.8' W	<b>Fl.(2)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	148 45	15	Red metal pipe, white bands, diamond daymark; 13.	
18560 <i>G 0462</i>	<b>-Ubatuba.</b>	23° 27.6' S 45° 01.2' W	<b>Fl.(3)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	213 65	16	Metal pipe, white four-sided concrete base; 10.	Visible 128°-047°.
18568 <i>G 0466</i>	<b>Ilha da Vitoria.</b>	23° 45.0' S 45° 00.5' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	331 101	16	White four-sided masonry tower; 13.	Visible 137°-353°.
18570 <i>G 0464</i>	Massaguacu.	23° 37.7' S 45° 22.2' W	<b>Fl.(2)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 8s	246 75	12	White four-sided masonry tower; 16.	
18571 <i>G 0468</i>	<b>Ponta Grossa.</b>	23° 46.6' S 45° 13.8' W	<b>L.Fl.W.</b> period 15s fl. 2s, ec. 13s	197 60	16	White four-sided metal framework tower, daymarks; 33.	
CANAL DE SAO SEBASTIAO:							
18572 <i>G 0470</i>	<b>-Ponta das Canas.</b>	23° 43.7' S 45° 20.5' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	43 13	9	Red cylindrical concrete tower, white bands; 36.	Visible 029°-240°.
18576 <i>G 0472</i>	<b>-Sao Sebastiao.</b>	23° 43.5' S 45° 21.9' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	4	Red four-sided masonry tower, red concrete base; 20.	
18580 <i>G 0474</i>	<b>-Ponta do Viana.</b>	23° 45.5' S 45° 21.1' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	19 6	7	White metal tower, white four- sided concrete base; 10.	
18584 <i>G 0475</i>	<b>-Ilhabela.</b>	23° 46.2' S 45° 22.5' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	20 6	5	Red four-sided masonry tower, red concrete platform, red metal framework base; 20.	
18585 <i>G 0476</i>	<b>-Terminal Maritimo de Sao Sebastiao, N. pier, No 1.</b>	23° 48.0' S 45° 23.0' W	<b>F.Y.</b>		5		Private light.
18585.1 <i>G 0476.2</i>	<b>--N. pier, No 2.</b>	23° 48.2' S 45° 23.1' W	<b>F.Y.</b>		5		Private light.
18585.2 <i>G 0476.4</i>	<b>--S. pier, No 1.</b>	23° 48.4' S 45° 23.2' W	<b>F.Y.</b>		5		Private light.
18585.3 <i>G 0476.6</i>	<b>---No 2.</b>	23° 48.6' S 45° 23.3' W	<b>F.Y.</b>		5		Private light.
18585.4 <i>G 0476.8</i>	<b>--Mole.</b>	23° 48.5' S 45° 23.8' W	<b>F.R.</b>		5		Private light.
18588 <i>G 0477</i>	<b>-Pontinha, E. side of Channel.</b>	23° 49.2' S 45° 22.6' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	82 25	6	Red four-sided metal framework structure; 33.	
18592 <i>G 0478</i>	<b>-Laje dos Moleques, W. side of channel.</b>	23° 49.7' S 45° 24.8' W	<b>Fl.G.</b> period 10s fl. 1s, ec. 9s	33 10	9	Green four-sided concrete tower; 13.	
18610 <i>G 0479</i>	<b>Ilha do Toque-Toque.</b>	23° 51.3' S 45° 31.5' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	115 35	12	White four-sided metal framework tower; 33.	Visible 236°-149°.
18612 <i>G 0480</i>	<b>-Ponta da Sela.</b>	23° 53.3' S 45° 27.7' W	<b>Fl.(3)W.</b> period 15s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 10s	56 17	9	Red cylindrical concrete tower, white bands; 36.	Visible 000°-226°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18616 <i>G 0484</i>	<b>Ponta do Boi.</b>	23° 58.0' S 45° 15.1' W	<b>L.F.I.W.</b> period 10s fl. 2.5s, ec. 7.5s	230 70	22	White four-sided masonry tower; 56.	Visible 247°-092°.
	RACON		<b>B(- • • •)</b>		25		(3 & 10cm).
18620 <i>G 0486</i>	Ponta de Pirabura.	23° 56.6' S 45° 13.6' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	49 15	10	Red four-sided concrete tower; 10.	Visible 185°-020°.
18624 <i>G 0490</i>	<b>Arquipelago de Alcatrazes.</b>	24° 05.7' S 45° 42.2' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	79 24	15	White four-sided truncated pyramidal concrete tower; 23.	Visible 014°-244°.
18628 <i>G 0492</i>	Pedra do Corvo, S. side of entrance to Enseada de Bertioga.	23° 51.4' S 46° 07.5' W	<b>Fl.W.</b> period 6s fl. 0.3s, ec. 5.7s	95 29	7	Red four-sided concrete tower; 13.	Visible 113°-358°.
18632 <i>G 0495</i>	Laje de Santos.	24° 19.2' S 46° 10.9' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	125 38	14	Black cylindrical masonry tower, white bands; 16.	
18636 <i>G 0496</i>	<b>Ilha da Moela.</b>	24° 03.0' S 46° 15.8' W	<b>Al.Oc.W.R.</b> period 60s W. lt. 15s, ec. 4s W. lt. 1.5s, ec. 4s W. lt. 15s, ec. 9.5s R. lt. 1.5s, ec. 9.5s	361 110	W. 40 R. 39	White cylindrical masonry tower; 33.	<b>Radiobeacon.</b> <b>DGPS Station.</b>
BAIA DE SANTOS:							
18640 <i>G 0497</i>	-Palmas, W. extremity of Ilha das Palmas.	24° 00.5' S 46° 19.5' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	59 18	5	Red cylindrical concrete tower; 13.	
18644 <i>G 0498</i>	-Range A, front, Praia do Boqueirao No 1.	23° 59.1' S 46° 19.7' W	<b>Q.W.</b>	26 8	10	White cylindrical concrete tower, red band; 23.	
18648 <i>G 0498.1</i>	--Rear, Praia do Boqueirao No 2, 1372 meters 021°30' from front.	23° 58.4' S 46° 19.4' W	<b>Iso.W.</b> period 2s	56 17	11	Red four-sided concrete tower, white bands; 56.	
	--RACON		<b>N(- •)</b>		19		(3 & 10cm).
18660 <i>G 0501</i>	-Range C, front Rio do Meio No 5.	23° 59.6' S 46° 17.6' W	<b>Q.W.</b>	26 8	10	White four-sided concrete tower, red band; 23.	
18664 <i>G 0501.1</i>	--Rear, Rio No 6, 250 meters 094° from front.	23° 59.6' S 46° 17.5' W	<b>Iso.W.</b> period 2s	43 13	11	Red four-sided concrete tower, white bands; 43.	
18668 <i>G 0500</i>	-Fortaleza.	23° 59.7' S 46° 18.4' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	13 4	6	Red metal framework structure; 10.	
18673 <i>G 0502.5</i>	-Cable tower, W. side.	23° 57.2' S 46° 18.6' W	<b>FR.</b>			Tower.	Private light.
18674 <i>G 0502.55</i>	--E. side.	23° 57.1' S 46° 18.3' W	<b>FR.</b>			Tower.	Private light.
18676 <i>G 0502.4</i>	-Itapema Norte.	23° 56.2' S 46° 18.5' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	36 11	5	White four-sided metal framework tower; 46.	
18680 <i>G 0502</i>	-Naval Aviation Base. No 4.	23° 55.5' S 46° 18.5' W	<b>Fl.Y.</b> period 3s fl. 0.5s, ec. 2.5s		5	Yellow structure.	Private light.
18684 <i>G 0502.2</i>	--Rio Diana, W. side No 3.	23° 55.2' S 46° 18.6' W	<b>Fl.Y.</b> period 3s fl. 0.5s, ec. 2.5s		5	Yellow structure.	Private light.
18688 <i>G 0502.6</i>	-Barnabe.	23° 55.5' S 46° 19.7' W	<b>Q.R.</b>	26 8	5	White four-sided metal framework structure.	
18689 <i>G 0503</i>	-Valongo. No 1.	23° 55.4' S 46° 20.6' W	<b>Fl.Y.</b> period 3s fl. 0.5s, ec. 2.5s		5	Yellow structure.	Private light.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18689.2 G 0503.2	--No 2.	23° 55.1' S 46° 20.1' W	FL.Y. period 3s fl. 0.5s, ec. 2.5s		5	Yellow structure.	Private light.
18690 G 0504	-Pier No 4, E. head.	23° 55.2' S 46° 21.6' W	F.Y.	13 4	5	Gray four-sided metal post; 3.	
18692 G 0506	Laje da Conceicao.	24° 14.2' S 46° 41.5' W	Fl.(2)W.R. period 12s fl. 1s, ec. 2s fl. 1s, ec. 8s	112 34	W. 16 R. 17	Red four-sided concrete tower; 20.	R. 276°-286°, W.-276°.
18696 G 0509	Guarau Island.	24° 22.9' S 46° 59.2' W	Fl.W.R. period 3s fl. 0.5s, ec. 2.5s	220 67	W. 14 R. 11	White cylindrical fiberglass tower; 23.	W. 206°-000°, R.-206°.
18700 G 0512	Ilha Queimada Grande.	24° 28.7' S 46° 40.6' W	Fl.W. period 10s fl. 1s, ec. 9s	272 83	23	White four-sided concrete tower; 33.	Visible 014°-337°.
18702 G 0513.5	Icapara.	24° 41.0' S 47° 27.2' W	L.Fl.W. period 15s fl. 2s, ec. 13s	240 73	19	White four-sided metal framework tower, daymark; 33.	
18704 G 0516	Ilha do Bom Abrigo.	25° 07.4' S 47° 51.8' W	Al.Fl.W.W.R. period 30s W. fl. 1s, ec. 9s W. fl. 1s, ec. 9s R. fl. 1s, ec. 9s	479 146	W. 28 R. 23	White octagonal masonry tower; 52.	
PORTO DE PARANAGUA:							
-Ilha do Mel:							
18724 G 0520	--Ponta das Conchas.	25° 32.3' S 48° 17.4' W	Fl.W. period 10s fl. 1s, ec. 9s	220 67	25	White truncated conical metal tower; 59.	Visible 146°-004°30'.
18726 G 0524	--Caraguata.	25° 34.4' S 48° 19.2' W	Fl.W. period 6s fl. 1s, ec. 5s	141 43	8	White four-sided masonry tower, red band; 33.	
--RACON							
			C(- • - •)			25	(3 & 10cm).
18748 G 0528	-Ilha das Cobras.	25° 29.3' S 48° 25.9' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	36 11	7	White four-sided truncated pyramidal concrete tower; 20.	
18752 G 0530	-Ponta da Cruz.	25° 30.0' S 48° 29.3' W	Fl.W. period 6s fl. 1s, ec. 5s	20 6	8	White metal post, concrete pillar; 7.	Q.W. 64m on antenna 1.5 miles SW.
18753 G 0532	-Petroleum Terminal jetty.	25° 30.1' S 48° 32.0' W	F.Y.				
18756 G 0538	Ilha Caioba.	25° 51.2' S 48° 32.1' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	88 27	15	White four-sided truncated pyramidal metal framework structure; 30.	Visible 225°-000°. Q.W. on antennas 0.5 mile NW. and 2.8 miles SW.
18760 G 0540	Ilha da Paz.	26° 10.6' S 48° 29.1' W	L.Fl.W. period 20s fl. 3.5s, ec. 16.5s	276 84	26	White four-sided masonry tower, dwelling; 52.	
18761 G 0541	-Ponto Zero.	26° 13.9' S 48° 30.1' W	Fl.Y. period 3s fl. 0.3s, ec. 2.7s	30 9	5	Yellow structure; 16.	Private light.
18763 G 0544	-Sumidouro.	26° 10.2' S 48° 33.3' W	Fl.W. period 10s fl. 1s, ec. 9s	49 15	8	White four-sided fiberglass framework skeleton tower, two white diamond daymarks.	
18764 G 0545	-Trincheira, 3.2 km. 260° from Ponta do Sumidouro.	26° 10.5' S 48° 35.2' W	Fl.R. period 6s fl. 0.5s, ec. 5.5s	30 9	10	White octagonal masonry tower, red bands; 26.	
18769 G 0545.6	-Sai Pier, E. side of pier head.	26° 13.3' S 48° 39.9' W	Q.R.	16 5	5	White cylindrical metal tower; 10.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18770 G 0545.7	--W. side of pier, head.	26° 13.3' S 48° 39.9' W	<b>Q.R.</b>	16 5	5	White cylindrical metal tower; 10.	
18772 G 0546	-Abreu de Fora.	26° 14.6' S 48° 38.8' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	23 7	8	Green truncated pyramidal concrete tower, triangular base; 20.	
18776 G 0548	-Laje do Fundao.	26° 15.9' S 48° 40.6' W	<b>Fl.R.</b> period 7s fl. 0.5s, ec. 6.5s	26 8	5	Red triangular concrete tower; 20.	
18778 G 0548.5	-Pernambuco.	26° 15.9' S 48° 41.0' W	<b>Fl.R.</b> period 3s fl. 0.5s, ec. 2.5s	13 4	6	Red concrete column; 7.	
18781 G 0550	Araquari.	26° 27.1' S 48° 35.7' W	<b>F.Y.</b>	20 6	7	White cylindrical masonry tower; 13.	
18784 G 0551	<b>Ponta do Varrido.</b>	26° 47.1' S 48° 35.2' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	164 50	18	White four-sided truncated pyramidal metal framework tower, black band, white diamond daymark; 33.	
18786	<i>Lightfloat.</i>	26° 46.7' S 46° 48.2' W	<b>Fl.Y.</b> period 3s		5		
18788 G 0552	<b>Ponta das Cabecudas.</b>	26° 55.6' S 48° 37.4' W	<b>Al.Fl.W.W.R.</b> period 30s W. fl. 1s, ec. 9s W. fl. 1s, ec. 9s R. fl. 1s, ec. 9s	190 58	W. 28 R. 23	White metal column, four-sided masonry base.	
18794 G 0552.4	<b>Cabecudas.</b>	26° 55.2' S 48° 38.6' W	<b>FR.</b>	548 167	15	Antenna.	Private light.
RIO ITAJAI:							
18796 G 0555	-S. jetty head, No 8.	26° 54.9' S 48° 38.0' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	52 16	10	White cylindrical fiberglass tower, green bands, concrete base; 46.	
18800 G 0554	-N. jetty head, No 7.	26° 54.8' S 48° 38.2' W	<b>Fl.(3)R.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	49 15	10	White cylindrical fiberglass tower, red bands, concrete base; 46.	
18804 G 0555.5	-No 10.	26° 54.9' S 48° 38.5' W	<b>Q.(2)G.</b> period 3s	20 6	5	Green cylindrical fiberglass tower, white bands, concrete base; 13.	
18808 G 0555.8	-No 12.	26° 54.8' S 48° 38.8' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	16 5	5	Green cylindrical fiberglass tower, white band, concrete base; 13.	
18810 G 0555.48	-No 9.	26° 54.7' S 48° 38.5' W	<b>Fl.R.</b> period 6s fl. 0.5s, ec. 5.5s	20 6	6	Red cylindrical fiberglass tower, white band, concrete base; 13.	
18812 G 0555.4	-No 11.	26° 54.6' S 48° 38.8' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	16 5	5	Red cylindrical fiberglass tower, white band, concrete base; 13.	
18820 G 0555.7	-No 14.	26° 54.7' S 48° 39.0' W	<b>Fl.(3)G.</b> period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	16 5	5	Green cylindrical fiberglass tower, white band, concrete base; 13.	
18828 G 0555.45	-No 13.	26° 54.3' S 48° 39.1' W	<b>Q.(2)R.</b> period 3s	20 6	5	Red cylindrical fiberglass tower, white band, concrete base.	
18830 G 0555.6	-No 15.	26° 54.1' S 48° 39.2' W	<b>Fl.(3)R.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	16 5	5	Red cylindrical fiberglass tower, white band, concrete base; 13.	

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<b>BRAZIL</b>							
18848 G 0558	Pedrada Gale.	27° 10.9' S 48° 24.5' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	256 <b>78</b>	8	White four-sided masonry tower, black bands; 33.	
18852 G 0560	Calhau de Sao Pedro.	27° 15.1' S 48° 25.3' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	62 <b>19</b>	8	White four-sided truncated pyramidal tower; masonry base; 16.	
18856 G 0562	<b>Ilha do Arvoredo.</b>	27° 17.8' S 48° 21.4' W	<b>Oc.(2+2)W.</b> period 60s lt. 20s, ec. 6.6s lt. 1.8s, ec. 6.6s lt. 20s, ec. 1.6s lt. 1.8s, ec. 1.6s	295 <b>90</b>	<b>24</b>	Red truncated conical metal tower, white bands; 52.	Visible 168°-099°.
18857 G 0562.5	<b>Ponta da Galheta.</b>	27° 34.5' S 48° 25.0' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	492 <b>150</b>	<b>16</b>	White cylindrical concrete tower; 33.	
18858 G 0563	-Barra de Lagoa, W. side.	27° 34.4' S 48° 25.4' W	<b>Fl.R.</b> period 6s fl. 0.5s, ec. 5.5s	20 <b>6</b>	5	White conical concrete tower, red bands; 13.	
18859 G 0564	--E. side.	27° 34.4' S 48° 25.3' W	<b>Fl.G.</b> period 6s fl. 0.5s, ec. 5.5s	33 <b>10</b>	5	White conical concrete tower, green bands, hexagonal base; 20.	
CANAL DE SANTA CATARINA:							
18860 G 0566	-Ilha Anhatomirin.	27° 25.7' S 48° 33.9' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	128 <b>39</b>	9	White metal framework structure; 26.	
18864 G 0570	-Ratones.	27° 29.6' S 48° 34.0' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	20 <b>6</b>	8	White cylindrical tower, four- sided concrete base; 16.	
18872 G 0572	-Guarazes, E. side of dredged channel.	27° 32.9' S 48° 34.0' W	<b>Fl.(3)G.</b> period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s		3	Green structure; 23.	
18878 G 0578	<b>Ilha de Santa Catarina</b> AVIATION LIGHT.	27° 40.1' S 48° 32.5' W	<b>Al.FI.W.G.</b> period 5s	79 <b>24</b>	<b>20</b>	White and orange checkered four-sided tower; 72.	Occasional. <b>Aero Radiobeacon</b> 2.75 miles SE.
18880 G 0580	-Ponta da Enseada.	27° 46.2' S 48° 36.9' W	<b>Fl.G.</b> period 10s fl. 1s, ec. 9s	26 <b>8</b>	8	White truncated conical masonry tower; 20.	
18884 G 0582	-Ilha dos Cardos.	27° 48.9' S 48° 34.9' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	20 <b>6</b>	5	Red four-sided concrete tower, masonry base; 13.	Visible 284°-232°.
18888 G 0584	<b>-Ponta dos Naufragados.</b>	27° 50.1' S 48° 34.2' W	<b>Fl.(2)W.</b> period 15s fl. 1s, ec. 3s fl. 1s, ec. 10s	140 <b>43</b>	<b>18</b>	White truncated conical masonry tower; 33.	Visible 285°-177°.
18892 G 0588	Ilha de Coral.	27° 56.0' S 48° 32.6' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s	266 <b>81</b>	14	White four-sided truncated pyramidal concrete tower; 39.	
18896 G 0591	Ponta do Catalao.	28° 12.6' S 48° 39.8' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	207 <b>63</b>	10	White truncated pyramidal masonry tower, red four- sided concrete base; 13.	
18900 G 0592	<b>Morro de Imbituba.</b>	28° 14.1' S 48° 38.7' W	<b>Fl.(3)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	226 <b>69</b>	<b>21</b>	White four-sided truncated pyramidal masonry tower; 23.	F.R. on building 1 mile WSW.
18904 G 0594	Ilhas das Araras.	28° 19.3' S 48° 38.9' W	<b>Q.(2)W.</b> period 6s	177 <b>54</b>	11	Red cylindrical concrete tower, white bands; 36.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18908 <i>G 0596</i>	Ilha dos Lobos.	28° 26.8' S 48° 42.5' W	<b>Fl.W.</b> period 5s fl. 0.3s, ec. 4.7s	164 50	11	White truncated conical masonry tower; 20.	
LAGUNA:							
18912 <i>G 0598</i>	-N. mole, head.	28° 29.7' S 48° 44.9' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	43 13	5	Red truncated conical masonry tower; 20.	
18916 <i>G 0599</i>	-S. mole, head.	28° 29.8' S 48° 44.7' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	39 12	7	White four-sided concrete tower, green bands; 16.	
18920 <i>G 0600</i>	<b>Cabo Santa Marta.</b>	28° 36.3' S 48° 48.8' W	<b>Oc.(3)W.R.</b> period 30s lt. 15s, ec. 5.5s lt. 0.3s, ec. 3.4s lt. 0.3s, ec. 5.5s	243 74	W. 46 R. 39	White four-sided masonry tower, dwelling; 95.	W. 056°-045°, R.-056°. <b>Radiobeacon.</b> <b>DGPS Station.</b>
	RACON		<b>Z(- - • •)</b>		25		(3 & 10cm).
18924 <i>G 0602</i>	<b>Ararangua.</b>	28° 56.3' S 49° 21.6' W	<b>Fl.(3)W.</b> period 20s fl. 0.4s, ec. 2.9s fl. 0.4s, ec. 2.9s fl. 0.4s, ec. 13s	269 82	25	White truncated conical masonry tower, black band; 26.	
	RACON		<b>Y(- • - -)</b>		25		(3 & 10cm).
18928 <i>G 0604</i>	<b>Torres.</b>	29° 20.7' S 49° 43.8' W	<b>L.Fl.W.</b> period 10s fl. 2s, ec. 8s	278 85	23	White cylindrical concrete tower, black stripes; 151.	
18930 <i>G 0605</i>	<b>Itapeva.</b>	29° 33.4' S 49° 53.4' W	<b>Fl.(5)W.</b> period 30s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 9.5s	138 42	24	White four-sided masonry tower, red bands; 131.	
18932 <i>G 0606</i>	<b>Capao da Canoa.</b>	29° 44.7' S 50° 00.3' W	<b>Fl.(2)W.</b> period 10s fl. 0.4s, ec. 2s fl. 0.4s, ec. 7.2s	89 27	15	White four-sided concrete tower, black bands; 85.	
18936 <i>G 0607.4</i>	<b>Tramandai.</b>	30° 00.5' S 50° 08.2' W	<b>L.Fl.W.</b> period 15s fl. 2s, ec. 13s	82 25	23	Black and white diamond checkered truncated conical masonry tower; 75.	<b>Radar reflector.</b> <b>Radiobeacon.</b>
	RACON		<b>Z(- - • •)</b>		25		(3 & 10cm).
18944 <i>G 0608</i>	<b>Cidreira.</b>	30° 09.5' S 50° 11.9' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	108 33	20	Red cylindrical concrete tower, white diagonal stripes; 98.	
18945 <i>G 0610</i>	<b>Berta.</b>	30° 23.9' S 50° 17.4' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	138 42	23	White four-sided masonry tower, black band; 131.	
	RACON		<b>Q(- - • -)</b>		25		(3 & 10cm).
18946 <i>G 0633</i>	Itapua da Lagoa.	30° 23.1' S 51° 03.6' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	56 17	12	White octagonal masonry tower; 43.	
CANAL DO JUNCO:							
18946.1	-No 97.	30° 20.8' S 51° 03.6' W	<b>Fl.R.</b> period 6s fl. 1s, ec. 5s	20 6	7	Red metal framework structure, piles.	
18946.12	-No 99.	30° 20.6' S 51° 03.9' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s		7	Red metal framework structure.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18946.13	-No 102.	30° 20.7' S 51° 03.9' W	<b>FI.G.</b> period 5s fl. 0.5s, ec. 4.5s		5	Green metal framework structure, on piles.	
18946.16	-No 103.	30° 19.9' S 51° 05.5' W	<b>FI.R.</b> period 5s		2	Red metal framework structure, piles.	
18946.2	-No 106.	30° 19.9' S 51° 05.5' W	<b>FI.G.</b> period 5s fl. 0.5s, ec. 4.5s	16	5	Green metal framework structure.	
CANAL DO CRISTAL:							
18946.21	-Veleiros do Sul. <i>G 0634.5</i>	30° 05.7' S 51° 15.4' W	<b>Iso.R.</b> period 4s	23	7	White truncated conical masonry tower, blue bands; 20.	Private light.
18946.22	-No 1.	30° 04.3' S 51° 14.8' W	<b>FI.R.</b> period 6s fl. 1s, ec. 5s	23	7	Red metal framework tower.	
18946.23	-Cristal, No 5.	30° 03.5' S 51° 14.9' W	<b>FI.R.</b> period 6s fl. 1s, ec. 5s	23	7	Red metal framework tower.	
18946.24	-Pedras Brancas No. 5.	30° 05.9' S 51° 16.3' W	<b>FI.R.</b> period 5s fl. 0.5s, ec. 4.5s	16	5	Red metal framework structure; 13.	
18946.3	-No 14.	30° 19.1' S 51° 07.2' W	<b>FI.G.</b> period 5s fl. 0.5s, ec. 4.5s	16	5	Green metal framework structure.	
18946.5	Barba Negra. <i>G 0632.2</i>	30° 32.0' S 51° 08.5' W	<b>FI.G.</b> period 5s fl. 0.5s, ec. 4.5s	26	8	Green metal framework structure.	
18946.6	Desertas. <i>G 0632.4</i>	30° 32.7' S 50° 50.6' W	<b>FI.G.</b> period 5s fl. 0.5s, ec. 4.5s	20	6	Green metal framework structure.	
18946.7	Arambare. <i>G 0631.6</i>	30° 56.2' S 51° 27.8' W	<b>FI.G.</b> period 5s fl. 0.5s, ec. 4.5s	26	8	Green metal framework structure.	
18946.8	Desertoires. <i>G 0631.8</i>	30° 57.5' S 51° 15.3' W	<b>FI.G.</b> period 5s fl. 0.5s, ec. 4.5s	26	8	Green metal framework structure, piles.	
18946.9	Cristovao Pereira. <i>G 0631.4</i>	31° 03.8' S 51° 10.0' W	<b>FI.W.</b> period 10s fl. 1s, ec. 9s	98	30	White four-sided masonry tower; 92.	
18947	Alvaro Alberto. <i>G 0632.15</i>	30° 47.5' S 51° 10.8' W	<b>FI.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	43	13	Black metal structure, red band, on wreck.	
18948	<b>Solidao.</b> <i>G 0612</i>	30° 42.0' S 50° 28.8' W	<b>FI.(2)W.</b> period 12s fl. 1s, ec. 2s fl. 1s, ec. 8s	78	24	Red truncated conical concrete tower; 69.	
	RACON		<b>K(- • -)</b>		19		(3 & 10cm).
18956	<b>Mostardas.</b> <i>G 0614</i>	31° 14.8' S 50° 54.4' W	<b>Al.Oc.W.W.R.R.</b> period 40s W. lt. 10s, ec. 4.5s W. lt. 1s, ec. 4.5s R. lt. 10s, ec. 4.5s R. lt. 1s, ec. 4.5s	128	W. 40 R. 39	White truncated conical concrete tower, black bands; 125.	
	RACON		<b>C(- • - •)</b>		25		(3 & 10cm).
18957	Capao da Marca. <i>G 0631.2</i>	31° 19.0' S 51° 10.0' W	<b>L.FI.R.</b> period 10s fl. 2s, ec. 8s	62	19	White truncated conical metal tower; 46.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18958 G 0630.2	Sao Lourenco (Curva).	31° 22.9' S 51° 58.2' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	7	Red metal framework structure, piles.	
18958.5 G 0630.4	Sao Lourenco.	31° 23.4' S 51° 57.6' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	8	Green metal framework structure, piles.	
18959 G 0630.8	Quilombo.	31° 26.5' S 51° 45.6' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	7	Green metal framework structure, on piles.	
18959.5 G 0631	Bojuru.	31° 28.3' S 51° 24.9' W	<b>Fl.R.</b> period 8s fl. 1s, ec. 7s	26 8	6	Red metal framework structure, piles.	
18959.7 G 0615	<b>Capao da Marca de Fora.</b>	31° 30.0' S 51° 11.1' W	<b>Fl.(3)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	138 42	17	White round concrete tower, red band; 131.	
18960 G 0616	<b>Conceicao.</b>	31° 43.7' S 51° 28.8' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	108 33	16	White four-sided metal framework tower, red bands; 98.	
	RACON		<b>B(- • • •)</b>		25		(3 & 10cm).
18962 G 0618	<b>Estreito.</b>	31° 52.8' S 51° 46.3' W	<b>L.Fl.W.</b> period 15s fl. 2s, ec. 13s	138 42	17	White four-sided metal tower; 131.	
RIO GRANDE:							
18964 G 0620	<b>-Barra.</b>	32° 07.1' S 52° 04.6' W	<b>Oc.(6)W.</b> period 21s lt. 10s, ec. 1s lt. 0.6s, ec. 1.5s lt. 0.6s, ec. 1.5s lt. 0.6s, ec. 1.5s lt. 0.6s, ec. 1.5s lt. 0.6s, ec. 1.5s	105 32	30	White truncated conical metal tower, black bands; 102.	<b>Radiobeacon and DGPS Station 2.3 miles SW.</b>
	-RACON		<b>K(- • -)</b>		25		(3 & 10cm).
18968 G 0624	-E. mole, head.	32° 11.2' S 52° 04.5' W	<b>L.Fl.R.</b> period 10s fl. 2s, ec. 8s	43 13	8	White round concrete tower; 33.	
18972 G 0622	-W. mole, head.	32° 11.3' S 52° 04.8' W	<b>L.Fl.G.</b> period 10s fl. 2s, ec. 8s	39 12	11	White round concrete tower; 39.	
18974 G 0625.2	-ENRG Pier, N. head.	32° 08.3' S 52° 06.1' W	<b>F.Y.</b>	30 9	5	Building, yellow lantern; 20.	
18975 G 0625	--S. head.	32° 08.4' S 52° 06.1' W	<b>Mo.(N)Y.</b> period 5s fl. 1.5s, ec. 0.5s fl. 0.5s, ec. 2.5s	30 9	5	Yellow metal post; 16.	
18975.5 G 0625.4	-Honorio Bicalho.	32° 02.0' S 52° 04.6' W	<b>Fl.G.</b> period 6s fl. 1s, ec. 5s	13 4	5	Green metal framework tower, round topmark; 10.	
18976 G 0626.2	-No 2.	32° 01.7' S 52° 04.7' W	<b>Fl.G.</b> period 5s fl. 1s, ec. 4s	20 6	2	Green four-sided metal framework structure, conical base; 20.	
18980 G 0626	-Ligacao Channel, No 1, NE. side.	32° 01.6' S 52° 04.7' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	16 5	2	Red four-sided concrete tower, concrete piles; 16.	
18984 G 0626.4	--No 3, N. side.	32° 01.6' S 52° 04.9' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	16 5	2	Red square concrete structure, concrete piles; 16.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18988 G 0626.6	--No 5.	32° 01.7' S 52° 05.1' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	16 5	2	Red square concrete structure, concrete piles; 16.	
18996 G 0627.4	--Balizao No 18.	32° 00.8' S 52° 03.8' W	<b>Fl.(2)G.</b> period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	16 5	5	Green four-sided concrete tower, concrete piles; 16.	
18998 G 0627.5	--Sao Jose No 20.	31° 59.4' S 52° 04.4' W	<b>Q.(3)G.</b> period 10s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 7.7s	16 5	5	Green concrete tower, four-sided concrete base, piles; 16.	
18999 G 0627.2	-Sao Jose do Norte.	32° 00.7' S 52° 02.7' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	16 5	5	Red metal post, concrete base; 10.	
18999.06 G 0627.6	-Diamante No 22.	31° 57.2' S 52° 04.8' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	9	Green metal framework structure, piles.	
18999.11 G 0627.8	-Baleias No 25.	31° 55.1' S 52° 07.1' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	7	Red metal framework structure, piles.	
18999.18 G 0628	-Canal da Setia No 28.	31° 53.1' S 52° 09.1' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	9	Green metal framework structure, piles.	
18999.23 G 0628.1	--No 37.	31° 52.1' S 52° 09.5' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	7	Red metal framework structure, piles.	
18999.25 G 0628.15	--No 32.	31° 52.2' S 52° 09.7' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s		2	Green metal framework tower, piles; 26.	
18999.29 G 0628.2	-Sao Goncalo No 3.	31° 47.8' S 52° 11.7' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	7	Red metal framework structure, piles.	
18999.35 G 0628.4	--No 11.	31° 47.3' S 52° 13.0' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	7	Red metal framework structure, piles.	
18999.42 G 0628.6	-Laranjal No 50.	31° 46.4' S 52° 10.8' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	9	Green metal framework structure, piles.	
18999.48 G 0628.8	-Coroa do Meio No 56.	31° 44.3' S 52° 09.3' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	9	Green metal framework structure, piles.	
18999.53 G 0629	-Gambeta No 55.	31° 43.9' S 52° 08.2' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	7	Red metal framework structure, piles.	
18999.6 G 0629.1	-Coroa dos Patos, No 60.	31° 43.0' S 52° 04.4' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	9	Green metal framework structure, piles.	
18999.65 G 0629.2	-Canal da Feitoria No 67.	31° 43.5' S 52° 00.2' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	7	Red metal framework structure, piles.	
18999.72 G 0629.3	--No 66.	31° 43.3' S 52° 00.1' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	9	Green metal framework structure, piles.	
18999.78 G 0629.5	--No 68.	31° 43.0' S 51° 59.3' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	9	Green metal framework structure, piles.	
18999.83 G 0629.4	--No 71.	31° 43.0' S 51° 59.2' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	7	Red metal framework structure, piles.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>BRAZIL</b>							
18999.89 <i>G 0629.6</i>	--No 73.	31° 42.6' S 51° 58.1' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	7	Red metal framework structure, piles.	
18999.91 <i>G 0629.8</i>	--No 83.	31° 41.7' S 51° 55.8' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s		2	Red metal framework tower, piles.	
18999.95 <i>G 0629.7</i>	--No 79.	31° 41.9' S 51° 56.5' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	7	Red metal framework structure, piles.	
19000 <i>G 0636</i>	<b>Sarita.</b>	32° 37.8' S 52° 25.9' W	<b>Fl.(3)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 8s	131 40	18	Red square masonry tower, white bands; 121.	
19004 <i>G 0639</i>	Verga.	32° 58.7' S 52° 33.6' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	49 15	11	Red four-sided metal framework structure, white masonry base; 36.	<b>Radar reflector.</b>
19008 <i>G 0640</i>	<b>Albardao.</b>	33° 12.2' S 52° 42.5' W	<b>Fl.(4)W.</b> period 25s fl. 1s, ec. 3s fl. 1s, ec. 3s fl. 1s, ec. 3s fl. 1s, ec. 12s	164 50	42	Black and white checkered round concrete tower; 144.	
	RACON		<b>X(- • • -)</b>		25		(3 & 10cm).
19012 <i>G 0644</i>	<b>Chui.</b>	33° 44.6' S 53° 22.5' W	<b>Fl.(2)W.</b> period 35s fl. 1s, ec. 8s fl. 1s, ec. 25s	141 43	46	Red truncated conical concrete tower, white bands; 98.	<b>Radiobeacon.</b>
	RACON		<b>O(- - -)</b>		25		(3 & 10cm).

# Section 14

## East Coast of South America Including Uruguay, Argentina, Falkland Islands and Straits of Magellan

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>URUGUAY</b>							
19016 <i>G 0658</i>	Sandra (Punta del Diablo).	34° 02.6' S 53° 32.0' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	49 15	8	White masonry structure.	
19020 <i>G 0660</i>	Punta Palmar.	34° 04.0' S 53° 33.1' W	<b>Fl.W.</b> period 6s fl. 0.3s, ec. 5.7s	69 21	10	White fiberglass tower, red bands; 39.	
19024 <i>G 0662</i>	<b>Cabo Polonio.</b>	34° 24.3' S 53° 46.7' W	<b>Fl.W.</b> period 12s fl. 0.2s, ec. 11.8s	131 40	22	White round stone tower with dwelling, white cupola, red bands; 85.	
19028 <i>G 0664</i>	Maria Victoria.	34° 38.7' S 54° 09.2' W	<b>Fl.W.R.</b> period 4s fl. 0.6s, ec. 3.4s	23 7	W. 8 R. 6	White tower, red bands.	R. 232°-270°, W.-284°.
19030 <i>G 0667</i>	Maria Magdalena.	34° 38.9' S 54° 08.7' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	46 14	5	Green tower; 25.	
19032 <i>G 0668</i>	<b>Cabo Santa Maria.</b>	34° 40.0' S 54° 09.2' W	<b>Fl.W.</b> period 60s fl. 0.3s, ec. 59.7s	138 42	20	White round stone tower, white cupola, red stripes, dwelling; 98.	
19036 <i>G 0672</i>	<b>Punta Jose Ignacio.</b>	34° 50.6' S 54° 38.0' W	<b>Fl.W.</b> period 2s fl. 0.3s, ec. 1.7s	105 32	15	White round stone tower, white cupola, red stripes, dwelling; 82.	
19040 <i>G 0676</i>	<b>Isla de Lobos.</b>	35° 01.5' S 54° 53.0' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	217 66	23	White round concrete tower, white cupola, red stripes, dwelling; 194.	
			<b>F.R.</b>	174 53	4		Visible 250°-290° (over shoals E. of the Island).
BAHIA DE MALDONADO:							
19044 <i>G 0682</i>	<b>-Punta del Este.</b>	34° 58.1' S 54° 57.1' W	<b>Fl.W.</b> period 8s fl. 0.5s, ec. 7.5s	144 44	21	White round masonry tower, white cupola, red stripes, dwelling; 82.	Signal station.
19048 <i>G 0684</i>	--W. breakwater, head.	34° 57.6' S 54° 57.1' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	8	Red tower.	
19056 <i>G 0683</i>	-Isla Gorriti.	34° 57.6' S 54° 58.2' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	30 9	5	Green concrete tower, white bands; 16.	Visible 357°-097°.
19068 <i>G 0688</i>	Punta Negra.	34° 54.2' S 55° 15.6' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	56 17	7	Black tower, white bands; 13.	
19076 <i>G 0689.1</i>	Piriapolis breakwater, head.	34° 52.4' S 55° 16.9' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s		8	Red aluminium tower.	
19076.5 <i>G 0689.2</i>	Piriapolis breakwater.	34° 52.5' S 55° 16.9' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s		8	Green aluminum tower.	
19080 <i>G 0690</i>	<b>Isla de Flores.</b>	34° 56.8' S 55° 56.0' W	<b>Fl.(2)W.</b> period 16s fl. 0.3s, ec. 3.7s fl. 0.3s, ec. 11.7s	121 37	19	White round masonry tower, white cupola, red stripes, dwelling; 62.	
19084 <i>G 0692</i>	<b>Carrasco Airport AVIATION LIGHT.</b>	34° 49.5' S 56° 01.0' W	<b>Al.W.G.</b> period 2s	190 58	17	Control tower; 69.	<b>Aero Radiobeacon.</b>



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>URUGUAY</b>							
PUERTO DEL BUCEO:							
19104 G 0696	-W. breakwater, head.	34° 54.5' S 56° 07.7' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	43 13	10	Green tower; 26.	
19108 G 0698	-E. breakwater, head.	34° 54.6' S 56° 07.6' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	10	Red tower; 26.	
19112 G 0699	-Yacht Club.	34° 54.6' S 56° 07.9' W	<b>Fl.W.</b> period 4s fl. 1s, ec. 3s	131 40	8	Club tower.	
19124 G 0700	<b>Punta Brava.</b>	34° 56.1' S 56° 09.6' W	<b>Al.Fl.W.R.</b> period 10s fl. 0.2s, ec. 4.8s fl. 0.2s, ec. 4.8s	69 21	15	White round stone tower, red stripes; 62.	
19126 G 0717	<b>Montecarlo TV tower</b> AVIATION LIGHT.	34° 53.9' S 56° 10.0' W	<b>Fl.W.</b> period 1.5s	682 208	35	Mast.	
PUERTO DE MONTEVIDEO:							
19136 G 0704	-Sarandi, E. breakwater, head.	34° 54.8' S 56° 13.4' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	72 22	10	Red round metal tower, white bands, concrete base; 40.	
19140 G 0706	-Detached W. breakwater, SE. head.	34° 54.8' S 56° 13.6' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	72 22	10	Green round metal tower, white bands, concrete base; 49.	
19144 G 0707	--NW. head.	34° 54.2' S 56° 14.0' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	30 9	5	Red framework tower.	
19148 G 0710	-Muelle de Escala, outer harbor, NE. corner of pier.	34° 54.2' S 56° 13.0' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	5	Red metal framework tower; 7.	
19152 G 0709	--SW. end.	34° 54.4' S 56° 13.4' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	37 11	5	Red tower.	
19156 G 0712	-S. side of W. entrance to inner harbor, Mole A, head.	34° 54.1' S 56° 12.9' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	5	Red framework tower.	Traffic signals.
19160 G 0714	-Head of Espigon A, N. side of W. entrance to inner harbor (W. arm of Dique de Cintura).	34° 54.0' S 56° 12.9' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	6	Green framework tower.	
19164 G 0715	--B (E. arm of Dique de Cintura).	34° 53.9' S 56° 12.5' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	5	Green tower.	
19168 G 0718	-Espigon F, E. side of N. entrance.	34° 53.6' S 56° 12.1' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	5	Red tower.	
19169 G 0721	-Darsena La Teja Range beacon, front.	34° 54.5' S 56° 12.7' W	<b>Fl.W.</b> period 3.5s fl. 1.5s, ec. 2s			Building.	
19169.1 G 0721.1	--Rear, 133 meters 157°37' from front.	34° 54.6' S 56° 12.7' W	<b>Fl.W.</b> period 3.5s fl. 1.5s, ec. 2s			Building.	
19172 G 0722	-Darsena A.N.C.A.P., S. Quay, outer end.	34° 52.9' S 56° 13.9' W	<b>Fl.G.</b> period 6s	30 9	5	Black tower.	
19173 G 0724	-Punta Lobos. Navy Dry Dock Range, front.	34° 54.4' S 56° 15.4' W	<b>F.Y.</b>	20 6	6	Red tower, white bands, triangular daymark point up.	For vessels approaching the dock. Occasional.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>URUGUAY</b>							
19174 G 0724.1	--Rear, 254° from front.	34° 54.4' S 56° 15.4' W	<b>F.R.</b>	23 7	4	Red structure, white bands, square daymark.	
19184 G 0702	<b>-Cerro de Montevideo.</b>	34° 53.3' S 56° 15.6' W	<b>Fl.(3)W.</b> period 10s fl. 0.4s, ec. 1.6s fl. 0.4s, ec. 1.6s fl. 0.4s, ec. 5.6s	486 148	19	White round masonry tower; 26.	
19190 G 0726	Radio tower.	34° 51.9' S 56° 20.7' W	<b>F.R.</b>	679 207	14	Metal tower; 597.	
19196 G 0736	La Panela.	34° 54.9' S 56° 26.9' W	<b>Fl.(4)W.</b> period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 5s	57 17	8	White fiberglass tower, red bands, concrete base.	
19200 G 0740	El Arriero.	34° 47.8' S 56° 24.9' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	30 9	5	Red tower.	
19228 G 0743	-Rio Rosario Range, front, S. side.	34° 26.1' S 57° 21.3' W	<b>F.I.R.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	5	Red tower.	Safe water buoy showing L.Fl.W. 10s marks outer end of channel.
19232 G 0744	--Rear, 641 meters 037°31' from front, N. side of entrance.	34° 25.9' S 57° 21.1' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	5	Green tower; 23.	
19240 G 0748	-Puerto Sauce breakwater, head.	34° 26.4' S 57° 27.2' W	<b>F.I.R.</b> period 5s fl. 0.5s, ec. 4.5s	20 6	5	Red tower.	
19253 G 0754.6	Arroyo Riachuelo, E. mole.	34° 27.5' S 57° 43.9' W	<b>F.I.R.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	5	Red tower.	
19254 G 0754.4	-W. mole.	34° 27.5' S 57° 44.0' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	23 7	5	Green tower.	
19257 G 0754	-N. end of channel.	34° 27.2' S 57° 43.9' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	8	White tower; 7.	
19258 G 0755	<b>-Real San Carlos</b> Radio Antenna.	34° 26.4' S 57° 51.6' W	<b>Fl.W.R.</b>	384 117	W. 25 R. 15		
-Puerto de Colonia:							
19260 G 0756	--SW. angle of plaza.	34° 28.4' S 57° 51.1' W	<b>F.I.R.</b> period 9s fl. 0.9s, ec. 8.1s	112 34	11	White round masonry tower, white cupola, red stripes; 89.	
19264 G 0760	--Santa Rita mole, head.	34° 28.1' S 57° 51.2' W	<b>F.I.R.</b> period 4.5s fl. 0.5s, ec. 4s	16 5	5	Red tower.	
RIO DE LA PLATA:							
19268 G 0759	--Breakwater, head.	34° 28.6' S 57° 50.7' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	8	Green tower; 16.	
19272 G 0757	--Detached breakwater, NE. head.	34° 28.7' S 57° 50.3' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	8	Green tower.	
19276 G 0758	--W. extremity of detached breakwater.	34° 28.7' S 57° 50.9' W	<b>F.I.R.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	8	Red tower; 16.	Numerous lighted buoys shown above Colonia.
19280 G 0762	-Isla Farallon.	34° 29.1' S 57° 55.1' W	<b>Fl.(2)W.</b> period 10s fl. 0.3s, ec. 2.2s fl. 0.3s, ec. 7.2s	85 26	10	White round masonry tower, white cupola, red stripes; 79.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>URUGUAY</b>							
19281 G 0763	-Beacon ODAS.	34° 37.7' S 57° 55.2' W	Fl.Y. period 4s fl. 0.2s, ec. 3.8s	26 8		SPECIAL Y, beacon, "X" topmark.	
19284 G 0789	-Piedra Diamante Barra San Pedro.	34° 25.4' S 57° 57.7' W	Fl.(2)W. period 6s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 3.2s	60 18	10	Conical concrete beacon, metal base.	
19287 G 0764	-Rio San Juan.	34° 16.4' S 57° 59.0' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	16 5	5	White tower.	F.W. (occas.) light on tower 0.3 mile SSW.
19290 G 0765	-Punta Conchillas.	34° 12.4' S 58° 04.6' W	Fl.R. period 5s fl. 1s, ec. 4s	13 4	5	Red tower.	
19292 G 0791	-Isla Martin Garcia.	34° 11.4' S 58° 15.4' W	Fl.(2)Y. period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 8s	33 10	6	Square tower; 33.	
19296 G 0766	--Puerto de Carmelo, S. dyke, head.	34° 00.5' S 58° 18.1' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	20 6	5	Red tower.	
19300 G 0767	--N. breakwater, head.	34° 00.5' S 58° 18.2' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	20 6	5	Green tower.	
19302 G 0768.5	--Water intake.	34° 00.4' S 58° 18.5' W	Fl.Y. period 3s fl. 0.3s, ec. 2.7s	7 2		SPECIAL Y, beacon, "X" topmark.	
19304 G 0768	--N. side of river mouth near root of N. breakwater.	34° 00.4' S 58° 17.8' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	20 6	6	White tower.	
PUERTO DE NUEVA PALMIRA:							
19305 G 0771	-S. pier, S. end.	33° 53.0' S 58° 25.5' W	Fl.Y. period 4s fl. 0.5s, ec. 3.5s	32 10	5	White tower, red bands.	
19306 G 0772	-N. pier, N. end.	33° 52.6' S 58° 25.4' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	26 8	5	Green tower; 19.	
19307 G 0773	-Dolphin, 100 meters N. of N. pier.	33° 52.5' S 58° 25.4' W	Fl.Y. period 4s fl. 0.3s, ec. 3.7s		5		
19307.1 G 0773.2	-Muelle Ontur, S. end.	33° 52.4' S 58° 25.4' W	Fl.R. period 5s				
19307.2 G 0773.3	--N. end.	33° 52.3' S 58° 25.4' W	Fl.G. period 5s				
19307.3 G 0773.4	-N. of muelle.	33° 52.3' S 58° 25.4' W	Fl.Y. period 4s			Dolphin.	
19307.5 G 0774	-Darsena Higuieritas, S. breakwater, head.	33° 52.2' S 58° 25.2' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	13 4	5	Red tower.	
19307.6 G 0775	-N. breakwater, head.	33° 52.2' S 58° 25.2' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	13 4	6	Green tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ARGENTINA</b>							
RIO DE LA PLATA:							
19316 <i>G 0896</i>	<b>-Punta Atalaya.</b>	35° 01.4' S 57° 32.0' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	82 25	10	Coast Guard red and white framework radio mast.	
			<b>2 Fl.R.</b> (vert.) period 2.5s fl. 0.5s, ec. 2s	344 105	<b>30</b> <b>15</b>		
19320 <i>G 0872</i>	--La Plata breakwater, E. beacon., Km. 7,700.	34° 48.0' S 57° 51.6' W	<b>Fl.(2)G.</b> period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	26 8	5	PORT (B) G, beacon, topmark.	<b>Radar reflector.</b>
19324 <i>G 0874</i>	---W. beacon, Km. 7,700.	34° 47.9' S 57° 51.8' W	<b>Fl.(2)R.</b> period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	26 8	5	STARBOARD (B) R, beacon, topmark.	<b>Radar reflector.</b>
19328 <i>G 0877</i>	--Km. 6,600, W.	34° 48.5' S 57° 52.0' W	<b>Fl.(2)R.</b> period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	20 6	3	STARBOARD (B) R, tower, topmark.	<b>Radar reflector.</b>
19332 <i>G 0876</i>	---Km. 6,600, E.	34° 48.5' S 57° 51.9' W	<b>Fl.(2)G.</b> period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	20 6	3	PORT (B) G, tower, topmark.	<b>Radar reflector.</b>
-Puerto la Plata:							
19336 <i>G 0878</i>	---Km. 5,360, E.	34° 49.1' S 57° 52.2' W	<b>Fl.(2)G.</b> period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	20 6	3	PORT (B) G, tower, topmark.	<b>Radar reflector.</b>
19340 <i>G 0879</i>	--Km. 5,360, W.	34° 49.1' S 57° 52.3' W	<b>Fl.(2)R.</b> period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	20 6	3	STARBOARD (B) R, tower, topmark.	<b>Radar reflector.</b>
19344 <i>G 0880</i>	---Km. 4,540, E.	34° 49.5' S 57° 52.4' W	<b>Fl.(2)G.</b> period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	20 6	3	PORT (B) G, tower, topmark.	<b>Radar reflector.</b>
19348 <i>G 0881</i>	---Km. 4,540, W.	34° 49.5' S 57° 52.5' W	<b>Fl.(2)R.</b> period 6s	20 6	3	STARBOARD (B) R, tower, topmark.	<b>Radar reflector.</b>
19351 <i>G 0882.5</i>	--Guard post No 4.	34° 50.8' S 57° 53.7' W	<b>Fl.W.</b> period 1.5s fl. 0.5s, ec. 1s	10 3	4	Concrete lookout station.	
19360 <i>G 0883.2</i>	--Km. 1,300, W. side of Gran Dock entrance.	34° 51.1' S 57° 53.3' W	<b>Fl.(3)R.</b> period 9s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 4.2s	30 9	3	STARBOARD (B) R, tower, topmark.	
19361 <i>G 0883</i>	--Km. 1,300, E. side of Gran Dock entrance.	34° 51.1' S 57° 53.3' W	<b>Fl.(2)G.</b> period 8s fl. 0.5s, ec. 1s fl. 0.5s, ec. 6s	30 9	2	PORT (B) G, tower, topmark.	
19368 <i>G 0871</i>	--La Toma.	34° 49.1' S 57° 53.8' W	<b>Iso.W.</b> period 2s		6	Water tower.	
19372 <i>G 0865</i>	-Tower Difusora, No 1.	34° 43.5' S 58° 10.0' W	<b>L.Fl.W.</b> period 6s fl. 2s, ec. 4s			Concrete tower.	
19373 <i>G 0864</i>	-Toma Ducilo.	34° 43.0' S 58° 11.2' W	<b>Fl.W.</b> period 4.3s fl. 0.3s, ec. 4s			Water tower.	

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<b>ARGENTINA</b>							
19374 G 0861.6	-Toma Bernal.	34° 40.9' S 58° 13.8' W	<b>Fl.(2)W.</b> period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 8s			1 ISOLATED DANGER BRB, tower, topmark; 26.	Water intake tower.
19375 G 0861.8	-Tower, 0.33 mile NE. of Quilmes Marina breakwater.	34° 41.9' S 58° 14.5' W	<b>L.Fl.Y.</b> period 6s fl. 2s, ec. 4s			Concrete tower.	
19376 G 0862	-Quilmes Marina, N. breakwater.	34° 41.9' S 58° 13.7' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s			5	
19377 G 0862.2	--S. breakwater.	34° 42.0' S 58° 13.6' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s			5	
-Buenos Aires:--Puerto Nuevo:							
19380 G 0834	--Darsena Norte, N. side.	34° 35.7' S 58° 21.9' W	<b>Fl.(4)R.</b>		26 8	Red square metal framework tower; 10.	
19382 G 0836	--S. side.	34° 35.7' S 58° 21.8' W	<b>Fl.(4)G.</b>		26 8	Green square tower; 10.	
19383 G 0843	--AVIATION LIGHT.	34° 36.7' S 58° 21.6' W	<b>Fl.R.</b> period 3s		574 175	27 Red and white tower, building.	
19384 G 0828	--Km. 0.8, S. end, outer detached breakwater.	34° 35.5' S 58° 21.3' W	<b>Fl.(2)R.</b> period 8s fl. 0.5s, ec. 1s fl. 0.5s, ec. 6s	46 14		7 Red square tower.	
19384.5 G 0826	--Km. 1.35, S. pier, head.	34° 35.7' S 58° 21.0' W	<b>Fl.(2)G.</b> period 8s			Beacon.	
19388 G 0840	--Outer detached breakwater, N. end, Km. 3.2 of new port.	34° 34.4' S 58° 22.2' W	<b>Fl.R.</b> period 4s fl. 0.5s, ec. 3.5s		39 12	Red square metal framework tower.	
19401 G 0845	--Sports Complex.	34° 37.2' S 58° 20.7' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s			6 Black beacon.	
19401.5 G 0851	--Cabecera Muella, head.	34° 37.9' S 58° 19.9' W	<b>Q.W.</b>		3 1	4 N. CARDINAL BY, beacon, topmark.	
			<b>Iso.W.R.G.</b> period 2s				
19401.7 G 0851.3	--E. breakwater, head.	34° 37.9' S 58° 19.8' W	<b>Fl.Y.</b> period 2s				
19401.8 G 0851.5	--W. breakwater, head.	34° 37.9' S 58° 20.1' W	<b>Fl.Y.</b> period 2s				
			<b>Iso.W.R.G.</b> period 2s				
19402 G 0848.5	--Darsena de Inflamables.	34° 38.0' S 58° 20.4' W	<b>Fl.R.</b> period 7s fl. 1s, ec. 6s		20 6		E. cardinal beacon V.Q.(3)W. 5s on pier head 150 meters N. Q.(3)G. 10s 13m 8M 380 meters ENE.
19402.2	---E. side of entrance.	34° 38.0' S 58° 20.3' W	<b>Fl.G.</b> period 7s fl. 1s, ec. 6s		24 7		
19402.3 G 0793	--No 7.	34° 31.2' S 58° 19.7' W	<b>Fl.(5)Y.</b> period 13s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	26 8		SPECIAL Y, beacon, "X" topmark.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ARGENTINA</b>							
19402.6 <i>G 0854</i>	--Water intake No 3.	34° 32.6' S 58° 25.1' W	<b>Fl.(2)W.</b> period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	28 8	2	Black round tower, black circular daymark.	<b>Radar reflector.</b>
19402.65 <i>G 0853</i>	--Fisherman's club.	34° 33.7' S 58° 24.0' W	<b>Q.(3)W.</b> period 10s			Beacon.	Tide gauge.
19402.7 <i>G 0860</i>	-San Isidro, pier, head.	34° 27.0' S 58° 30.3' W	<b>Fl.G.</b> period 5s fl. 1s, ec. 4s	39 12	2	3 green wooden piles.	
19402.8 <i>G 0860.2</i>	--Rio Lujan, entrance.	34° 27.0' S 58° 30.4' W	<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	46 14	8	Red truncated metal tower, concrete base; 30.	
19403 <i>G 0900</i>	<b>Punta Piedras.</b>	35° 26.8' S 57° 08.6' W	<b>Fl.W.</b> period 9s fl. 0.5s, ec. 8.5s	148 45	15	White truncated pyramidal tower, orange bands; 102.	
19404 <i>G 0901</i>	Rio Salado, N. side of entrance.	35° 44.6' S 57° 22.3' W	<b>Fl.W.</b> period 8s fl. 0.5s, ec. 7.5s	34 10	7	Orange metal column; 20.	
19406 <i>G 0903</i>	-San Clemente del Tuyu.	36° 18.9' S 56° 46.7' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	6	Black framework column; 26.	
19420 <i>G 0904</i>	<b>Cabo San Antonio.</b>	36° 18.4' S 56° 46.3' W	<b>Fl.W.</b> period 17s fl. 1.4s, ec. 15.6s	207 63	20	White truncated pyramidal tower, glass cabin, black bands; 190.	Visible 160°-300°. Reserve light Fl.(3)W. 30s fl. .75s, ec. 3.5s, fl. .75s, ec. 3.5s, fl. .75s, ec. 20.75s 9M.
19421 <i>G 0905.5</i>	San Clemente Anchorage, leading light.	36° 18.1' S 56° 46.2' W	<b>Fl.W.</b> period 3.5s fl. 0.5s, ec. 3s	55 17	6	White triangular framework tower; 43.	614 meters, 021° from light 19420.
19422 <i>G 0904.3</i>	-Dos Bocas.	36° 19.7' S 56° 46.3' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	98 30	4	Wooden mast; 16.	
19424 <i>G 0908</i>	<b>Punta Medanos.</b>	36° 53.0' S 56° 40.5' W	<b>Fl.(5)W.</b> period 40s fl. 1.5s, ec. 4.5s fl. 1.5s, ec. 4.5s fl. 1.5s, ec. 4.5s fl. 1.5s, ec. 4.5s fl. 1.5s, ec. 14.5s	223 68	18	Red metal framework tower, white bands, building; 194.	Reserve light Fl.(5)W. 40s.
19428 <i>G 0910</i>	<b>Querandi.</b>	37° 27.8' S 57° 06.6' W	<b>Fl.(5)W.</b> period 26s fl. 1s, ec. 3s fl. 1s, ec. 3s fl. 1s, ec. 3s fl. 1s, ec. 3s fl. 1s, ec. 9s	213 65	18	Black truncated pyramidal concrete tower, white bands; 177.	Reserve light Fl.(4)W. 60s.
19430 <i>G 0912</i>	Mar Chiquita.	37° 46.3' S 57° 26.8' W	<b>Fl.(2)W.</b> period 15s	69 21	12		
MAR DEL PLATA:							
19436 <i>G 0915</i>	-Cabo Corrientes.	38° 01.1' S 57° 31.5' W	<b>Fl.W.</b> period 10s fl. 0.2s, ec. 9.8s	246 75	10	Lookout tower terrace; 190.	
19436.5 <i>G 0916</i>	-N. breakwater, head.	38° 02.2' S 57° 31.4' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s	49 15	9	Red round column; 33.	
19437 <i>G 0917</i>	-S. breakwater, head.	38° 02.3' S 57° 31.1' W	<b>Fl.G.</b> period 3s fl. 0.3s, ec. 2.7s	59 18	9	Green round column; 33.	
19464 <i>G 0920</i>	-Inner breakwater.	38° 02.5' S 57° 32.0' W	<b>Iso.G.</b> period 3s	56 17	5	Triangular tower, red rectangular daymark, white stripe; 7.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ARGENTINA</b>							
19465 <i>G 0919</i>	-Submarine Dock Range, front.	38° 02.2' S 57° 32.0' W	<b>Q.R.</b>		16 5	7 Red triangular daymark point up, white rectangular daymark.	
19466 <i>G 0919.1</i>	--Rear, 50 meters 314°30' from front.	38° 02.2' S 57° 32.0' W	<b>Q.R.</b>		39 12	7 Building, red triangular daymark point down and white rectangular daymark.	
19467 <i>G 0918</i>	-Inner Harbor Range, front.	38° 02.8' S 57° 32.3' W	<b>Iso.W.</b> period 4s		107 33	15 Round tower, red and white bands; 82.	Visible 229°-247°.
19467.5 <i>G 0918.1</i>	--Rear, 725 meters 238° from front.	38° 03.0' S 57° 32.7' W	<b>Iso.W.</b> period 6s		144 44	16 Round tower, red and white bands on roof.	Visible 230°30'-245°30'.
19468 <i>G 0917.7</i>	-Abrigo breakwater.	38° 02.3' S 57° 31.7' W	<b>Fl.R.</b> period 4s fl. 1s, ec. 3s		26 8	5 Red and white checkered tower; 10.	
19469 <i>G 0917.4</i>	-S. breakwater, range, front.	38° 02.5' S 57° 31.5' W	<b>Iso.G.</b> period 3s		36 11	2 Orange rectangular daymark, white stripe on a red column, white band; 23.	
19470 <i>G 0917.5</i>	--Rear, about 711 meters 216°39' from front.	38° 02.9' S 57° 31.8' W	<b>Iso.W.</b> period 3s		62 19	2 Orange square daymark, white stripe on red column, white band; 36.	
19470.5 <i>G 917.62</i>	-Inflammables berth.	38° 02.7' S 57° 31.8' W	<b>Mo.(U)Y.</b> period 5s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 0.5s fl. 1.5s, ec. 1.5s		30 9	6 Yellow iron column; 16.	
19470.7 <i>G 917.64</i>	-Espigon 7.	38° 02.7' S 57° 31.9' W	<b>Fl.(2)G.</b> period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s		30 9	6 Green iron column, white bands; 16.	
19471 <i>G 920.2</i>	-Espigon 3.	38° 02.7' S 57° 32.2' W	<b>Iso.R.</b> period 2s		30 9	6 Red iron column, white bands; 16.	
19471.2 <i>G 920.4</i>	-Espigon 2.	38° 02.8' S 57° 32.1' W	<b>Iso.G.</b> period 2s		30 9	6 Green iron column, white bands; 16.	
19471.4 <i>G 920.6</i>	-Espigon 1.	38° 02.9' S 57° 32.2' W	<b>Iso.G.</b> period 4s		30 9	6 Green iron column, white bands; 16.	
19472 <i>G 0913</i>	<b>Punta Mogotes.</b>	38° 05.5' S 57° 32.7' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s		177 54	25 White conical tower, red band, dwellings; 115.	Visible 216°-026°.
			<b>Fl.W.</b> period 19s fl. 1.5s, ec. 17.5s			15	Emergency light.
19475 <i>G 0922</i>	Miramar.	38° 16.6' S 57° 50.0' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s		256 78	12 White concrete pedestal.	
19480 <i>G 0926</i>	<b>Quequen.</b>	38° 34.0' S 58° 41.4' W	<b>Fl.(2)W.</b> period 15s fl. 0.5s, ec. 3.3s fl. 0.5s, ec. 10.7s		207 63	26 Black truncated conical concrete tower, white band; 112.	Reserve light range 19M.
19484 <i>G 0930</i>	-N. breakwater, head.	38° 34.9' S 58° 41.8' W	<b>Fl.R.</b> period 3s		26 8	6 Red truncated pyramidal tower, square base; 7.	Reserve light.
19488 <i>G 0928</i>	-S. breakwater, head.	38° 35.3' S 58° 41.4' W	<b>Oc.G.</b> period 6s		69 21	9 Round column, black and yellow bands; 33.	
19496 <i>G 0928.19</i>	-Pescador Range, front.	38° 35.1' S 58° 41.8' W	<b>Iso.G.</b> period 2s		20 6	4 Orange square masonry tower; 7.	Visible 134°-222°. Emergency light.
19497 <i>G 0928.2</i>	--Rear, about 33 meters 134°42' from front.	38° 35.1' S 58° 41.7' W	<b>Iso.G.</b> period 2s		26 8	3 Orange truncated conical tower; 10.	Reserve light.
19501 <i>G 0932.6</i>	-Segunda, on S. breakwater.	38° 35.0' S 58° 42.0' W	<b>Q.G.</b>		39 12	7 Black masonry tower; 13.	Visible 157° - 242°. Reserve light.
19504 <i>G 0932</i>	-Entrance Range, front, on S. breakwater.	38° 34.9' S 58° 42.1' W	<b>Iso.R.</b> period 2s		33 10	10 White round tower, red band; 20.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ARGENTINA</b>							
19508 G 0932.1	--Rear, 919 meters 293° from front.	38° 34.7' S 58° 42.6' W	<b>2 Iso.W.</b> period 2s	141 <b>43</b> 75 <b>23</b>	9	On factory chimney, red triangular daymark point down.	
19516 G 0934	-Breakwater Range (Enfilacion Escollera), front.	38° 35.1' S 58° 41.7' W	<b>Q.R.</b> period 1s fl. 0.5s, ec. 0.5s	30 <b>9</b>	4	Tower, yellow triangular daymark point up, black base; 13.	Visible 131°-139°. Reserve light.
19520 G 0934.1	--Rear, about 26 meters 134°42' from front.	38° 35.1' S 58° 41.6' W	<b>Iso.W.</b> period 2s	43 <b>13</b>	6	Black tower, yellow triangular daymark point down, red band; 20.	Visible 131°-139°. Reserve light.
19524 G 0935	-Inner Range (Enfilacion del Fondo), front.	38° 34.5' S 58° 42.5' W	<b>Fl.R.</b> period 3s fl. 0.5s, ec. 2.5s	98 <b>30</b>	9	White triangular daymark point up, red rectangular daymark.	Visible 308°45'-315°45'. Reserve light.
19528 G 0935.1	-Rear, about 327 meters 314°42' from front, on grain elevator.	38° 34.3' S 58° 42.6' W	<b>Fl.W.</b> period 1.5s fl. 0.5s, ec. 1s	135 <b>41</b>	5	White triangular daymark point up, red rectangular daymark; 20.	Visible 308°45'-315°45'. Reserve light.
19532 G 0938	-Espigon Este.	38° 34.7' S 58° 42.1' W	<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	23 <b>7</b>		Red metal structure; 7.	
19536 G 0942	<b>Balneario Claromeco.</b>	38° 51.5' S 60° 03.1' W	<b>Fl.(2+1)W.</b> period 30s fl. 0.3s, ec. 3.4s fl. 0.3s, ec. 11s fl. 0.3s, ec. 14.7s	230 <b>70</b>	<b>26</b>	White concrete tower, black bands; 177.	Reserve light range 11M.
BAHIA BLANCA:							
19540 G 0986	<b>-Recalada.</b>	38° 59.4' S 61° 15.6' W	<b>Fl.W.</b> period 9s fl. 0.5s, ec. 8.5s	240 <b>73</b>	<b>28</b>	White metal tower, red bands; 220.	<b>Radiobeacon.</b>
19547 G 0989	-Tide gauge.	39° 08.9' S 61° 43.3' W	<b>Fl.(2)W.</b> period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	46 <b>14</b>	3	Yellow tube.	Tide gauge.
19550 G 0991	-Punta Tejada.	38° 59.1' S 61° 49.0' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	52 <b>16</b>	7	Tower, black and white circular daymark; 33.	
19552 G 0993	-Chica.	38° 58.0' S 61° 53.7' W	<b>L.Fl.W.</b> period 10s fl. 2s, ec. 8s	52 <b>16</b>	7	Yellow framework tower, black bands; 49.	
19554 G 0994	-Tripode.	38° 57.2' S 61° 56.3' W	<b>Fl.(2)W.</b> period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 8s	92 <b>28</b>	7	Red framework tower, white bands; 33.	
19560 G 1000	--Puerto Rosales breakwater.	38° 55.8' S 62° 04.3' W	<b>Fl.R.</b> period 3s fl. 0.3s, ec. 2.7s		6	Red framework tower; 20.	Private light.
19562 G 1000.5	-Puerto Rosales Channel Range, front.	38° 55.8' S 62° 04.2' W	<b>Fl.(4)G.</b> period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 5s	7 <b>2</b>	3	Yellow metal post, "X" topmark.	Marks edge of the Puerto Rosales access channel.
19562.5 G 1001	--Rear, 225 meters 346° from front.	38° 55.7' S 62° 04.2' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	7 <b>2</b>	3	Yellow metal post, "X" topmark.	
-Puerto Belgrano:							
19564 G 1004	--E. mole, head, entrance to outer basin.	38° 54.0' S 62° 06.0' W	<b>Q.(2)R.</b> period 5s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 3.7s	25 <b>8</b>	6	Truncated pyramidal tower; 10.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ARGENTINA</b>							
19568 G 1006	--S.W. breakwater, extension, head.	38° 54.3' S 62° 06.0' W	<b>Q.(2)G.</b> period 5s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 3.7s	24 7	7	White round tower; 13.	
19572 G 1008	--W. mole, head, entrance to outer basin.	38° 54.0' S 62° 08.1' W	<b>Iso.G.</b> period 2s	26 8	6	Truncated pyramidal tower; 13.	
19572.2 G 1010	--No 1.	38° 48.2' S 62° 14.7' W	<b>Oc.R.</b> period 10s lt. 6s, ec. 4s	10 3	5	Metal platform.	
19572.4 G 1010.2	--No 2.	38° 48.4' S 62° 15.1' W	<b>Oc.G.</b> period 10s lt. 6s, ec. 4s	10 3	5	Metal platform.	
19572.6 G 1010.4	--No 3.	38° 48.4' S 62° 14.4' W	<b>Iso.R.</b> period 2s	10 3	5	Metal platform.	
-Puerto Ingeniero White:							
19573 G 1012.4	--SE. jetty.	38° 47.9' S 62° 15.3' W	<b>Fl.R.</b> period 1.5s fl. 0.5s, ec. 1s	20 6		Black metal square tower; 7.	Private light.
19573.1 G 1012.6	--NW. jetty.	38° 47.8' S 62° 15.5' W	<b>Fl.R.</b> period 1.5s	30 9		Black metal structure, hut; 13.	Private light.
19574 G 1013.4	--Grain elevator jetty No 9.	38° 47.6' S 62° 15.7' W	<b>F.R.</b>			Metal post; 3.	Private light.
19575 G 1013.44	--Central pier, head, No 3.	38° 47.6' S 62° 15.8' W	<b>F.R.</b>			Metal post; 3.	Tide gauge close N. Private light.
19576 G 1013.46	---No 7.	38° 47.6' S 62° 15.9' W	<b>F.R.</b>			Metal post; 3.	Private light.
19577 G 1013.6	--Muelle Cargill, E. end.	38° 47.5' S 62° 16.2' W	<b>Q.(2)R.</b> period 4s	33 10	4	Red fiberglass tower, truncated pyramid; 10.	
19577.5 G 1013.65	---W. end.	38° 47.5' S 62° 16.3' W	<b>Q.(2)R.</b> period 4s	33 10	4	Red fiberglass tower, truncated pyramid; 10.	
19578.3 G 1015.3	--Muelle de Inflamables, SE. end.	38° 47.1' S 62° 18.2' W	<b>F.R.</b>	10 3		Metal post; 3.	Private light.
-Puerto Belgrano:							
19578.4 G 1015.1	-- Muelle Mega.	38° 47.3' S 62° 17.2' W	<b>VQ(6)+L.FI.W.</b> period 10s	26 8	2	S. CARDINAL YB, beacon, topmark.	Marks water intake. Private light.
19580 G 1020	<b>-El Rincon.</b>	39° 23.1' S 62° 00.9' W	<b>Fl.(2+1)W.</b> period 40s fl. 0.2s, ec. 5.4s fl. 0.2s, ec. 17s fl. 0.2s, ec. 17s	210 64	29	White truncated conical tower, black bands; 203.	
19584 G 1024	<b>Segunda Barranca Point.</b>	40° 46.5' S 62° 16.4' W	<b>Fl.(3)W.</b> period 22s fl. 0.2s, ec. 9.3s fl. 0.2s, ec. 9.3s fl. 0.2s, ec. 2.8s	126 38	27	White truncated conical tower, black bands, dwelling; 112.	Reserve light range 23M.
19588 G 1028	<b>Rio Negro.</b>	41° 03.4' S 62° 50.3' W	<b>Fl.(2)W.</b> period 20s fl. 1s, ec. 4s fl. 1s, ec. 14s	141 43	16	White round masonry tower, dwelling; 52.	Reserve light range 11M.
SAN ANTONIO OESTE:							
19596 G 1031	-San Matias.	40° 49.3' S 64° 43.2' W	<b>Fl.(2)W.</b> period 11s fl. 0.5s, ec. 2s fl. 0.5s, ec. 8s	138 42	12	White pyramidal tower, black bands; 52.	
19598 G 1038	-Punta Villarino.	40° 48.7' S 64° 54.2' W	<b>Fl.W.</b> period 6s fl. 0.5s, ec. 5.5s	112 34	6	Black pyramidal tower, yellow band; 20.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ARGENTINA</b>							
19599 <i>G 1034</i>	-Pedro Garcia Range, front.	40° 49.4' S 64° 53.2' W	<b>Fl.W.</b> period 1.5s fl. 0.5s, ec. 1s	92 28	9	White rectangular daymark, black stripes; 39.	
19601 <i>G 1035</i>	--Rear, 1.3 miles 032°23' from front.	40° 48.2' S 64° 52.3' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	128 39	12	White water tank, black stripes; 79.	
19604 <i>G 1036</i>	-Banco Reparó Outer Range, front.	40° 46.8' S 64° 55.5' W	<b>Fl.W.</b> period 2s fl. 0.5s, ec. 1.5s	49 15	9	Metal framework tower, red triangular daymark point up on three rectangular daymarks; 46.	
19608 <i>G 1037</i>	--Rear, 1.4 miles 001° from front.	40° 45.4' S 64° 55.4' W	<b>Fl.R.</b> period 3s fl. 0.5s, ec. 2.5s	136 41	8	Square tower, white bands; 79.	
19612 <i>G 1042</i>	-Cangrejales Inner Range, front.	40° 45.0' S 64° 52.9' W	<b>Fl.W.</b> period 1.5s fl. 0.5s, ec. 1s	49 15	8	Tower, orange rectangular daymark; 49.	
19616 <i>G 1042.1</i>	--Rear, 2.5 miles 024° from front.	40° 42.7' S 64° 51.6' W	<b>Fl.R.</b> period 4s fl. 0.5s, ec. 3.5s	79 24	6	Two white truncated pyramidal towers, red band.	<b>Radar reflector.</b>
19626 <i>G 1045</i>	Las Grutas.	40° 47.8' S 65° 04.3' W	<b>Iso.W.</b> period 2s	233 71	10	Water tank; 98.	
19628 <i>G 1046.3</i>	Punta Colorada, Hipasam.	41° 41.8' S 65° 01.5' W	<b>L.Fl.(2)W.</b> period 10s fl. 2s, ec. 2s fl. 2s, ec. 4s	177 54	12	Building.	
19632 <i>G 1047</i>	Punta Quiroga.	42° 14.2' S 64° 28.2' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	131 40	11	Black tower, white bands, hut; 20.	
19634 <i>G 1048</i>	-Punta Buenos Aires.	42° 14.3' S 64° 22.4' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	125 38	7	White tower, red stripes, hut; 20.	
19636 <i>G 1048.8</i>	Punta Tehuelche.	42° 24.3' S 64° 18.0' W	<b>Fl.(3)W.</b> period 20s fl. 1s, ec. 3s fl. 1s, ec. 3s fl. 1s, ec. 11s	115 35	11	White tower, black bands, white base; 39.	
19638 <i>G 1048.4</i>	-Sarmiento.	42° 14.9' S 64° 10.8' W	<b>Fl.(2)W.</b> period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 7.5s	62 19	10	Red round concrete tower, white bands; 16.	
PENINSULA VALDEZ:							
19640 <i>G 1049</i>	-Almirante Brown.	42° 13.0' S 64° 15.3' W	<b>Fl.(2)W.</b> period 16s fl. 1s, ec. 4s fl. 1s, ec. 10s	249 76	10	White square concrete tower, red bands, red square daymark; 16.	
19652 <i>G 1050</i>	-Punta Norte.	42° 04.5' S 63° 46.2' W	<b>Fl.W.</b> period 10s fl. 0.2s, ec. 9.8s	203 62	14	White round tower, black bands; 52.	Intensified 160°-250°.
19656 <i>G 1052</i>	-Punta Bajos.	42° 23.2' S 63° 36.8' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	89 27	14	Black pyramidal tower; 66.	
19660 <i>G 1054</i>	-Punta Delgada.	42° 45.9' S 63° 38.2' W	<b>Fl.(2+1)W.</b> period 25s fl. 0.3s, ec. 3.2s fl. 0.3s, ec. 10.4s fl. 0.3s, ec. 10.5s	233 71	28	Brick tower, dwelling; 46.	Emergency light.
GOLFO NUEVO:							
19664 <i>G 1058</i>	-Morro Nuevo.	42° 52.4' S 64° 08.7' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	305 93	13	Red tower, white band; 39.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ARGENTINA</b>							
19668 G 1074	-Punta Ninfas, S. side of entrance to gulf.	42° 58.1' S 64° 18.9' W	<b>Fl.(2)W.</b> period 20s fl. 1s, ec. 3s fl. 1s, ec. 15s	295 90	11	Black metal framework tower, yellow bands; 39.	Obscured between S. shore of Golfo Nuevo and bearing 158°, except in sectors 131°-134° and 148°-152°.
19672 G 1073	-Bahia Cracker Anchorage Range, front.	42° 57.0' S 64° 29.2' W	<b>Fl.G.</b> period 4s fl. 1s, ec. 3s	56 17	5	Metal framework tower, red rectangular daymark, yellow triangular daymark point up; 16.	
19676 G 1073.1	--Rear, 0.6 mile 181° from front.	42° 57.7' S 64° 29.2' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	171 52	6	Metal framework tower, red rectangular daymark, yellow triangular daymark point down; 23.	
19680 G 1073.4	-Punta Cracker (Captain Rodriguez).	42° 56.2' S 64° 30.5' W	<b>Fl.W.</b> period 8s fl. 1s, ec. 7s	273 83	7	White tower, red bands; 23.	
19684 G 1072	-Punta Conscriptos.	42° 53.3' S 64° 42.1' W	<b>Fl.(2)W.</b> period 22s fl. 1s, ec. 6s fl. 1s, ec. 14s	318 97	10	Black square metal framework tower; 33.	
19688 G 1066	-Acantilado.	42° 47.6' S 64° 57.0' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	187 57	8	Red metal framework tower, white band; 43.	
19696 G 1064	-Punta Flecha.	42° 38.7' S 64° 58.1' W	<b>Fl.W.</b> period 9s fl. 0.7s, ec. 8.3s	138 42	7	White metal framework tower, red stripes; 43.	
19698 G 1067	-Muelle Madryn, off front of pier head.	42° 45.7' S 65° 01.4' W	<b>V.Q.W.R.</b>	33 10	1	Yellow column, white band, dolphin; 10.	
19700 G 1068	--N. side of pier.	42° 45.7' S 65° 01.6' W	<b>V.Q.R.</b>	33 10	1	Yellow column, white band; 10.	Xenon.
19702 G 1069	--S. side of pier.	42° 45.7' S 65° 01.5' W	<b>V.Q.G.</b>	33 10	1	Yellow column, white band; 10.	
19708 G 1070	-Ore jetty, E. end.	42° 44.1' S 65° 01.1' W	<b>Fl.(3)W.</b> period 12s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 6.5s	56 17	10	Black fiberglass tower, yellow band; 23.	
19710 G 1070.1	-Muelle Pesquero.	42° 44.3' S 65° 01.6' W	<b>Q.Y.</b>	44 13	2	Black Tower; 16.	
19712 G 1070.4	-West dolphin.	42° 44.2' S 65° 01.0' W	<b>V.Q.W.</b>	33 10	1	Yellow post, white band, yellow base; 7.	
19720 G 1062	-Cerro Gorro Frigio.	42° 34.7' S 64° 18.1' W	<b>Fl.W.</b> period 4.5s fl. 0.5s, ec. 4s	328 100	6	Black tower, white bands, white dwelling; 16.	Visible 000°-334°.
19724 G 1060	-Puerto Piramides.	42° 34.1' S 64° 16.5' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	285 87	5	White tower, red bands, red dwelling; 20.	Visible 328°-056°.
19728 G 1076	Rio Chubut, Punta del Faro.	43° 22.3' S 65° 02.8' W	<b>Fl.W.</b> period 9s fl. 0.7s, ec. 8.3s	112 34	8	Black tower, white bands; 36.	
19736 G 1078	-Escollera Norte.	43° 20.4' S 65° 02.9' W	<b>Iso.R.</b> period 2s	26 8	5	Red round tower, white bands.	
19737 G 1078.5	-Escollera Sur.	43° 20.6' S 65° 02.8' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	5	White, red and green round tower; 20.	
19740 G 1080	<b>Punta Lobos.</b>	43° 47.6' S 65° 19.9' W	<b>Fl.(2)W.</b> period 15s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 9.5s	476 145	14	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
<b>ARGENTINA</b>							
19744 <i>G 1084</i>	Cape Raso.	44° 20.7' S 65° 14.0' W	<b>Fl.(3)W.R.</b> period 40s fl. 0.5s, ec. 7s fl. 0.5s, ec. 7s fl. 0.5s, ec. 24.5s	177 54	W. 11 R. 7	Two pyramidal towers, white base; 75.	W. 140°-290°, R.-310°, W.-020°.
19748 <i>G 1086</i>	San Jose, on San Jose Hill.	44° 30.8' S 65° 16.9' W	<b>Fl.W.R.</b> period 5s fl. 0.5s, ec. 4.5s	276 84	W. 13 R. 10	Black pyramidal tower, yellow band; 52.	R. 216°-241°, W. 216°.
19752 <i>G 1087</i>	Santa Elena Beacon.	44° 30.9' S 65° 21.2' W	<b>Fl.W.R.</b> period 9s fl. 1s, ec. 8s	69 21	W. 5 R. 3	Black pyramidal tower, white bands; 23.	R. 297°-322°, W.-297°.
19760 <i>G 1089</i>	Camarones, close W. of Punta Albatross.	44° 47.8' S 65° 42.6' W	<b>Fl.W.R.</b> period 5s fl. 1s, ec. 4s	72 22	W. 9 R. 8	Red fiberglass tower, yellow base; 13.	R. 297°30'-314°30', W. 297°30'.
19764 <i>G 1089.4</i>	Bahia San Gregorio.	45° 01.5' S 65° 37.7' W	<b>Fl.W.</b> period 5.2s fl. 0.2s, ec. 5s	564 172	13	Yellow square concrete tower, black diagonal stripes; 30.	
19768 <i>G 1092</i>	Isla Rasa Summit.	45° 06.3' S 65° 24.1' W	<b>Fl.W.</b> period 8s fl. 1s, ec. 7s	75 23	9	Black column; 20.	
19776 <i>G 1096</i>	Bahia Bustamante.	45° 07.9' S 66° 32.2' W	<b>Fl.W.</b> period 10s fl. 1s, ec. 9s	335 102	5	White tower, two red stripes point down, hut; 20.	
19784 <i>G 1095</i>	Punta Ulloa.	45° 09.0' S 66° 28.6' W	<b>Fl.(2)W.</b> period 15s fl. 1s, ec. 4s fl. 1s, ec. 9s	115 35	6	Black tower; 23.	
19788 <i>G 1097</i>	Cabo Aristazabal.	45° 13.0' S 66° 31.6' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 4s	151 46	11	Black tower; 52.	
19792 <i>G 1104</i>	Cabo San Jorge.	45° 46.7' S 67° 22.7' W	<b>Fl.(4)W.</b> period 32s fl. 1s, ec. 5s fl. 1s, ec. 5s fl. 1s, ec. 5s fl. 1s, ec. 13s	256 78	14	Masonry tower, black hut; 89.	
CALETA CORDOVA:							
19796 <i>G 1100</i>	-First Range, Astra, front.	45° 44.8' S 67° 22.5' W	<b>Q.R.</b>	131 40	4	Black tower, yellow band; 36.	Visible 255°30'-280°30'.
19800 <i>G 1100.1</i>	--Rear, Loma Blanca, about 700 meters 268° from front.	45° 44.8' S 67° 23.0' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	180 55	5	Red truncated pyramidal tower; 36.	Visible 255°30'-280°30'.
19804 <i>G 1102</i>	-Second Range, Caleta Cordova, front.	45° 43.4' S 67° 21.3' W	<b>Q.W.</b>	174 53	5	White truncated pyramidal structure; 36.	
19808 <i>G 1102.1</i>	--Rear, Novales, about 260 meters 353°30' from front.	45° 43.3' S 67° 21.3' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	259 79	3	Black truncated pyramidal structure, red triangular daymark point up, white bands; 36.	
19810 <i>G 1103</i>	-Pilar YPF.	45° 44.8' S 67° 21.5' W	<b>Q.W.</b>		6	Concrete column; 33.	
19912 <i>G 1134</i>	Cabo Blanco.	47° 12.1' S 65° 44.3' W	<b>Fl.(5)W.</b> period 40s fl. 1.5s, ec. 5.5s fl. 1.5s, ec. 5.5s fl. 1.5s, ec. 5.5s fl. 1.5s, ec. 5.5s fl. 1.5s, ec. 10.5s	220 67	14	Round brickwork tower, white dwelling; 89.	Reserve light Fl.(3)W. 30s. <b>Radiobeacon.</b>
19916 <i>G 1136</i>	Punta Guzman.	47° 20.9' S 65° 43.2' W	<b>Fl.(2)W.</b> period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	79 24	10	Metal framework tower, black rectangular daymark; 56.	

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<b>ARGENTINA</b>							
PUERTO DESEADO:							
19920 G 1139	-Beauvoir.	47° 45.2' S 65° 53.6' W	<b>Fl.W.</b> period 4s fl. 0.5s, ec. 3.5s	157 48	19	Church; 89.	
19924 G 1140	-Estacion, outer Range, front.	47° 45.4' S 65° 53.7' W	<b>Q.W.</b>	89 27	11	White tower, orange rectangular daymark, black stripes; 59.	Visible 254°-074°.
19928 G 1140.1	--Alonso, rear, 852 meters 283°51' from front.	47° 45.3' S 65° 54.4' W	<b>Iso.R.</b> period 2s	138 42	11	Black column; 75.	Visible 222°-042°. Intensified 254°-344°.
19932 G 1146	-Inner Range, Roca Magallanes, front.	47° 45.5' S 65° 55.5' W	<b>Fl.R.</b> period 2s fl. 0.5s, ec. 1.5s	36 11	6	Orange truncated tower; 39.	Visible 184°15'-004°15'.
19936 G 1146.1	--Rear, De las Barrancas, 1230 meters 274°15' from front.	47° 45.5' S 65° 56.4' W	<b>Fl.W.</b> period 3s fl. 0.9s, ec. 2.1s	52 16	8	White pyramidal tower, red stripes; 30.	
19940 G 1152	Isla Pinguino, SE. extremity.	47° 54.8' S 65° 43.1' W	<b>Fl.(2)W.</b> period 16s fl. 0.5s, ec. 5s fl. 0.5s, ec. 10s	197 60	12	White tower, dwelling, red top; 72.	
19944 G 1153	Punta Azopardo.	47° 55.7' S 65° 47.7' W	<b>Fl.W.</b> period 7s fl. 0.5s, ec. 6.5s		5	Black framework tower, yellow bands; 16.	
19948 G 1154	Punta Medanosa.	48° 06.2' S 65° 55.8' W	<b>Fl.(2)W.</b> period 11s fl. 1s, ec. 3s fl. 1s, ec. 6s	95 29	10	White framework tower, black bands; 39.	
19952 G 1156	Cabo Guardian.	48° 21.4' S 66° 21.3' W	<b>Fl.W.R.</b> period 7.5s fl. 0.5s, ec. 7s	157 48	W. 14 R. 12	Black framework tower; 118.	R. 320°-324°, W.320°.
19956 G 1158	Campana.	48° 24.0' S 66° 28.2' W	<b>Fl.(2)W.R.</b> period 16s fl. 0.5s, ec. 3.5s fl. 0.5s, ec. 11.5s	164 50	W. 11 R. 9	Black tower, white top; 85.	R. 291°30'-300°30', W.291°30'.
19960 G 1160	Cabo Danoso.	48° 48.7' S 67° 12.3' W	<b>Fl.(4)W.</b> period 45s fl. 1s, ec. 5s fl. 1s, ec. 5s fl. 1s, ec. 5s fl. 1s, ec. 26s	144 44	10	Red round tower, white bands; 36.	
BAHIA SAN JULIAN:							
19964 G 1162	-Cabo Curioso.	49° 11.0' S 67° 37.1' W	<b>Fl.(3)W.</b> period 45s fl. 1.5s, ec. 9s fl. 1.5s, ec. 9s fl. 1.5s, ec. 22.5s	302 92	14	White square tower, black band; 75.	
19984 G 1174	-Third Range, Norte, front.	49° 15.5' S 67° 41.2' W	<b>Q.W.</b>	102 31	7	White column, red bands, red triangular daymark point up; 26.	Visible 227°30'-237°30'.
19988 G 1174.1	--Rear, auxiliary, 340 meters 232° from front.	49° 15.6' S 67° 41.4' W	<b>Fl.R.</b> period 3s fl. 0.9s, ec. 2.1s	157 48	6	White column, red bands, red triangular daymark point down; 43.	Visible 227°30'-237°30'.
19992 G 1178	-Fourth Range, Justicia, front.	49° 17.5' S 67° 41.5' W	<b>Fl.W.</b> period 2s fl. 0.4s, ec. 1.6s	49 15	6	Tower, white bands, red rectangular daymark; 52.	Visible 196°30'-206°30'.
19996 G 1178.1	--Rear, Pueblo, 3120 meters 202° from front.	49° 19.1' S 67° 42.5' W	<b>Iso.W.R.</b> period 5s	108 33	W. 9 R. 6	Black tower, black triangular daymark point down in yellow rectangular daymark; 69.	W. 196°30'-020°30', R.- 165°30'-175°30'.
20000 G 1184	-Fifth Range, Caldera Baja, front.	49° 16.5' S 67° 39.9' W	<b>Q.W.</b>	52 16	6	Black triangular daymark point up in yellow rectangular daymark.	Visible 040°-150°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ARGENTINA</b>							
20004 G 1184.1	--Rear, Caldera Alta, 1333 meters 055° from front.	49° 16.1' S 67° 39.0' W	<b>Fl.R.</b> period 3s fl. 0.9s, ec. 2.1s	108 33	3	Black triangular daymark point down in yellow rectangular daymark.	Visible 034°-118°.
20008 G 1190	-Sixth Range, Canalizo, front.	49° 16.2' S 67° 43.4' W	<b>Q.R.</b>	69 21	6	White base, red triangular daymark point up; 20.	Visible 331°30'-351°30'. Occasional.
20012 G 1190.1	--Rear, Wood, 1292 meters 341°30' from front.	49° 15.5' S 67° 43.7' W	<b>Fl.W.</b> period 3s fl. 0.9s, ec. 2.1s	121 37	7	White base, red triangular daymark point down; 20.	Visible 331°30'-351°06'. Occasional.
20016 G 1196	<b>Cape San Francisco de Paula.</b>	49° 44.3' S 67° 43.4' W	<b>Fl.(2)W.</b> period 15s fl. 0.5s, ec. 5.5s fl. 0.5s, ec. 8.5s	282 86	14	Black tower; 26.	
PUERTO SANTA CRUZ:							
20020 G 1210.1	-Santa Cruz, S. side of entrance, 2.2 km. S. of Entrada Point, rear.	50° 09.2' S 68° 21.7' W	<b>Fl.(4)W.</b> period 60s fl. 1.5s, ec. 5s fl. 1.5s, ec. 5s fl. 1.5s, ec. 5s fl. 1.5s, ec. 39s	515 157	13	Black round metal tower, white bands, white round base; 39.	Visible 062°-018°.
20024 G 1210	-Entrada, common front.	50° 08.2' S 68° 22.4' W	<b>Q.W.</b>	112 34	6	White metal framework tower, red bands; 85.	Visible 151°-161°, 277°-287°.
20028 G 1209.9	--Rear, Quilla, 1830 meters 282° from front.	50° 07.9' S 68° 23.8' W	<b>Fl.W.</b> period 3s fl. 0.9s, ec. 2.1s	418 127	6	Black tower; 39.	Visible 277°-287°. Occasional.
20032 G 1208	-Baja, Range, front.	50° 07.0' S 68° 18.6' W	<b>Q.W.</b>	56 17	6	Black tower, white bands, white triangular daymark point down; 30.	Visible 357.30°-017.30°. <b>Radar reflector.</b>
20036 G 1208.1	--Rear, Alta, 2116 meters 003° from front.	50° 05.9' S 68° 18.5' W	<b>Fl.W.</b> period 3s fl. 0.9s, ec. 2.1s	115 35	7	Metal framework tower; 98.	Visible 318.30°-088.30°.
20040 G 1211	-Punta Quilla, mole SE. end.	50° 07.0' S 68° 24.2' W	<b>Fl.R.</b> period 5s fl. 0.3s, ec. 4.7s	56 17	3	Red metal beacon.	
20044 G 1211.2	---Elbow.	50° 06.9' S 68° 24.4' W	<b>Fl.R.</b> period 5s fl. 0.3s, ec. 4.7s	56 17	3	Red metal beacon.	Fl.G. mark 2 beacons 80 meters WSW.
20048 G 1212	-Iribas Range, front.	50° 03.9' S 68° 30.2' W	<b>Fl.W.</b> period 2s fl. 0.6s, ec. 1.4s	46 14	6	Orange triangular daymark point up in white rectangular daymark; 20.	Visible 298°30'-308°30'.
20052 G 1212.1	--Rear, Canadon, 1930 meters 302°45' from front.	50° 03.0' S 68° 31.5' W	<b>Fl.W.</b> period 6s fl. 1.8s, ec. 4.2s	374 114	6	Orange triangular daymark point down in white rectangular daymark; 20.	Visible 180°-270°, 298°30'-308°30'.
20068 G 1222	Ria Coig.	50° 53.5' S 69° 07.9' W	<b>Fl.(2)W.</b> period 25s fl. 1.1s, ec. 3.3s fl. 1.1s, ec. 19.5s	240 73	13	Red round tower, white bands; 36.	
20072 G 1226	Cabo Buen Tiempo.	51° 32.7' S 68° 57.0' W	<b>Fl.(3)W.</b> period 45s fl. 1s, ec. 7s fl. 1s, ec. 7s fl. 1s, ec. 28s	371 113	14	Black tower, hut; 30.	Visible 165°-051°.
20152 G 1260	<b>Cabo Virgenes.</b>	52° 20.0' S 68° 21.4' W	<b>Fl.W.</b> period 5s fl. 0.8s, ec. 4.2s	226 69	24	White truncated pyramidal tower, black bands; 85.	<b>Radiobeacon.</b>
			<b>Fl.R.</b> period 5s fl. 1s, ec. 4s		5		Visible 296°-316°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ARGENTINA</b>							
20156 G 1260.5	Magallanes.	52° 39.9' S 68° 36.1' W	<b>Fl.(3)W.</b> period 50s fl. 1s, ec. 10s fl. 1s, ec. 10s fl. 1s, ec. 27s	174 53	12	Yellow metal tower, black bands; 43.	<b>Radar reflector.</b>
20157 G 1260.6	Aries Platform.	52° 40.9' S 68° 02.4' W	<b>Mo.(U)W.</b> period 15s fl. 0.7s, ec. 0.4s fl. 0.7s, ec. 0.4s fl. 1.8s, ec. 11s	49 15	10		<b>AIS</b> (MMSI No 701000891). <b>Horn:</b> Mo.(U) ev. 30s (bl. 0.75s, si. 1s, bl. 0.75s, si. 1s, bl. 2.5s, si. 24s).
	RACON		<b>F.R.</b>		2		
			<b>D(- • •)</b>				(3 & 10cm).
20158 G 1260.65	Carina Platform.	52° 45.4' S 68° 13.2' W	<b>Mo.(U)W.</b> period 15s fl. 0.7s, ec. 0.4s fl. 0.7s, ec. 0.4s fl. 1.8s, ec. 11s	49 15	10		<b>AIS</b> (MMSI No 701000890). <b>Horn:</b> Mo.(U) ev. 30s (bl. 0.75s, si. 1s, bl. 0.75s, si. 1s, bl. 2.5s, si. 24s).
	RACON		<b>F.R.</b>		2		
			<b>M(- -)</b>				(3 & 10cm).
20160 G 1261	Punta de Arenas, Paramo Chico.	53° 08.5' S 68° 12.4' W	<b>Fl.W.</b> period 7.5s fl. 0.5s, ec. 7s	75 23	10	Metal truncated pyramidal tower; 56.	
20192 G 1262	San Sebastian.	53° 19.5' S 68° 09.5' W	<b>Fl.(3)W.</b> period 40s fl. 1s, ec. 5s fl. 1s, ec. 5s fl. 1s, ec. 27s	197 60	14	Blue round concrete tower, yellow diagonal stripes; 36.	
20196 G 1266	Cabo Domingo.	53° 40.7' S 67° 51.4' W	<b>L.Fl.W.</b> period 8s fl. 2s, ec. 6s	295 90	7	White metal framework tower, black bands, hut at base; 20.	
RIO GRANDE:							
20216 G 1269	-Second Range, front.	53° 45.4' S 67° 44.0' W	<b>Fl.G.</b> period 2s fl. 0.7s, ec. 1.3s	85 26	10	Black metal framework tower, red diamond daymark, white bands; 52.	
20220 G 1269.1	--Rear, 400 meters 245° from front.	53° 47.1' S 67° 42.1' W	<b>Iso.W.</b> period 2s	121 37	11	Black tower, yellow band, water tower, building; 75.	
20224 G 1270	-Third Range, front.	53° 47.3' S 67° 42.2' W	<b>Q.W.</b>	23 7	11	Black metal framework tower, red and white bands; 23.	
20228 G 1270.1	--Rear, 167 meters 212° from front.	53° 47.5' S 67° 41.6' W	<b>Iso.W.</b> period 3s	72 22	11	Black metal framework tower, yellow bands; 59.	
20232 G 1271	-Fourth Range, front.	53° 47.7' S 67° 41.1' W	<b>Q.R.</b>	32 10	10	White metal column, black top; 20.	
20236 G 1271.1	--Rear, 120 meters 163°26' from front.	53° 47.7' S 67° 41.1' W	<b>Iso.G.</b> period 5s	36 11	10	White metal framework tower, orange and black bands; 30.	
20256 G 1274	Cabo Penas.	53° 50.8' S 67° 33.5' W	<b>Fl.(2)W.</b> period 20s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 14.5s	149 46	10	Black metal framework tower, hut; 43.	
20260 G 1275	Cabo San Pablo.	54° 17.1' S 66° 41.8' W	<b>Fl.(2)W.</b> period 20s fl. 0.8s, ec. 6.5s fl. 0.8s, ec. 12s	449 137	11	Yellow truncated pyramidal tower, black triangular daymark point down; 20.	
20264 G 1276	Cabo San Diego.	54° 39.5' S 65° 07.9' W	<b>Fl.(3)W.</b> period 28s	131 40	13	White square concrete framework tower, black cupola; 43.	Visible 143°-055°.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>ARGENTINA</b>							
20268 G 1279	Isla Observatorio (Ano Nuevo).	54° 39.5' S 64° 08.8' W	<b>Fl.(3)W.</b> period 32s fl. 1s, ec. 8s fl. 1s, ec. 8s fl. 1s, ec. 13s	213 65	13	White round metal tower, black bands; 75.	
20269 G 1283	San Juan del Salvamento.	54° 44.0' S 63° 52.5' W	<b>Fl.(2)W.</b> period 15s fl. 1s, ec. 3s fl. 1s, ec. 10s	236 72	10	Octagonal wooden struture, gray top; 21.	
20272 G 1280	Estrecho de Le Maire.	54° 48.0' S 64° 42.0' W	<b>Fl.(3)W.</b> period 32s fl. 1s, ec. 5s fl. 1s, ec. 5s fl. 1s, ec. 19s	154 47	8	Yellow trapezoidal daymark over black trapezoidal daymark; 13.	Visible 064°-211°.
20276 G 1281	-Capitan Zaratiegui.	54° 48.2' S 64° 41.8' W	<b>Fl.W.</b> period 3s fl. 0.3s, ec. 2.7s		6	Black tower, five red circles on upper part; 13.	
20280 G 1282	-Teniente Palet.	54° 47.7' S 64° 40.5' W	<b>Fl.W.</b> period 3s fl. 0.6s, ec. 2.4s			Yellow metal tripod, black bands; 20.	
20284 G 1277	Buen Suceso.	54° 49.0' S 65° 14.1' W	<b>Fl.(2)W.</b> period 16s fl. 0.5s, ec. 2.5s fl. 0.5s, ec. 12.5s	187 57	9	White metal framework tower, red bands; 16.	
20288 G 1278	-Martins Lopez.	54° 47.5' S 65° 16.0' W	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	33 10	8	Red metal pyramidal tower, white bands; 23.	
20292 G 1289	Islote Elizalde.	54° 54.7' S 65° 54.7' W	<b>Fl.W.</b> period 3s fl. 0.5s, ec. 2.5s	249 76	7	White round tower, red band; 13.	
20296 G 1290	Punta Pique.	54° 54.5' S 65° 57.1' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	26 8	7	White metal framework tower; 10.	
20300 G 1288	San Gonzalo.	54° 57.4' S 65° 58.4' W	<b>Fl.W.</b> period 10s fl. 0.5s, ec. 9.5s	125 38	7	White round tower, green bands; 13.	
BEAGLE CHANNEL:							
20304 G 1292	-Cabo San Pio.	55° 03.4' S 66° 31.4' W	<b>Fl.(2)W.</b> period 16s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 10.5s	177 54	9	White conical stone tower, red bands; 26.	Visible 265°-109°.
<b>FALKLAND ISLANDS (ISLAS MALVINAS)</b>							
20335 G 1341	Volunteer Point.	51° 30.8' S 57° 44.4' W	<b>Fl.(4)W.</b> period 20s		10		
20335.2 G 1341.4	Strike off Point.	51° 35.2' S 57° 58.6' W	<b>Fl.R.</b> period 6s		2		
20335.4 G 1341.5	Long Island.	51° 33.7' S 58° 02.4' W	<b>Fl.W.</b> period 5s		10		
20336 G 1352	Cape Pembroke.	51° 40.9' S 57° 43.2' W	<b>Fl.(3)W.</b> period 20s	99 30	10	White fiberglass tower, black bands; 69.	Visible inshore in Berkley Sound, Port William and Harriet as far as the land permits.
20340 G 1342	Mengeary (William) Point, N. side of entrance to Port William.	51° 38.8' S 57° 43.8' W	<b>Fl.(2)W.</b> period 7s fl. 0.5s, ec. 1s fl. 0.5s, ec. 5s		10	White fiberglass lantern box; 7.	



(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>FALKLAND ISLANDS (ISLAS MALVINAS)</b>							
20344 G 1344	Blanco Bay, W. side of bay.	51° 40.1' S 57° 50.9' W	<b>Fl.W.R.G.</b> period 2s fl. 0.5s, ec. 1.5s	30 9	W. 7 R. 5 G. 5	White metal column; 10.	R. 090°-263°, W.-268°, G.-090°.
20345 G 1345	Stanley Harbor Range, front.	51° 41.8' S 57° 49.9' W	<b>F.R.</b>	118 36	7	Pole, red diamond daymark; 20.	Visible 173°44'-197°44'.
			<b>F.R.</b>	121 37			Visible 090°-270°.
20346 G 1345.1	-Rear, 130 meters 185°44' from front.	51° 41.9' S 57° 49.9' W	<b>F.R.</b>	138 42	7	Pole, red diamond daymark; 26.	Visible 176°44'-194°44'.
			<b>F.R.</b>	138 42			Visible 090°-270°.
20348 G 1346	Navy Point, W. entrance to Port Stanley.	51° 40.9' S 57° 49.9' W	<b>Fl.R.</b> period 6s	16 5	2	White concrete column, red lantern; 6.	Visible 197°-076°.
20352 G 1348	Engineer Point, E. entrance to Port Stanley.	51° 40.9' S 57° 49.6' W	<b>Fl.G.</b> period 6s	20 6	2	White concrete column, red lantern; 10.	Visible 042°-210°.
20353 G 1353	-Fox Point.	51° 55.3' S 58° 24.1' W	<b>Fl.(2)W.</b> period 10s	45 14	10	White hut.	
20357 G 1354	Mare Harbor, beacon J.	51° 54.0' S 58° 28.2' W	<b>Oc.W.R.G.</b> period 5s lt. 3s, ec. 2s	66 20	W. 9 R. 6 G. 7	White and orange triangular daymark point up; 10.	R. 358°-011°, W.-017°, G.-090°.
20358 G 1354.3	-Beacon I.	51° 53.5' S 58° 29.6' W	<b>Fl.W.</b> period 3s fl. 0.4s, ec. 2.6s	13 4	6	White and orange triangular daymark point up; 10.	
20358.1 G 1354.69	-East Cove, main jetty.	51° 54.1' S 58° 26.0' W	<b>2 F.G.</b>			Dolphin.	F.G. and F.R. lights on dolphins mark E. and W. end of jetty.
20358.2 G 1354.7	--W. jetty.	51° 54.0' S 58° 26.7' W	<b>2 F.R.</b>			Jetty.	F.G. and F.R. lights mark E. and W. end of jetty.
20359 G 1355	-Providence Head, beacon L.	51° 54.6' S 58° 26.4' W	<b>Fl.W.R.</b> period 2s fl. 0.4s, ec. 1.6s	26 8	6	White and orange triangular daymark point down; 10.	R. shore-105°, W.-109°, R.-shore.
20359.1 G 1356	-Kukri Point, beacon K.	51° 54.3' S 58° 25.7' W	<b>Oc.W.</b> period 6s lt. 4s, ec. 2s	26 8	7	White and orange triangular daymark point up; 10.	
CUMBERLAND BAY:							
20361 G 1359	-Porpoise Point.	52° 20.2' S 59° 18.5' W	<b>Fl.W.</b> period 10s		10		
SOUTH ORKNEY ISLANDS:							
20363 G 1378	-Scotia Bay, Navidad.	60° 45.4' S 44° 44.2' W	<b>Iso.W.</b> period 2s			White round fiberglass tower, red top; 10.	
20363.1 G 1379	--Bordenave, Davis Point.	60° 45.1' S 44° 41.2' W	<b>Fl.W.</b> period 5s fl. 1s, ec. 3s	13 4		Red round fiberglass tower, white band; 13.	
20363.2 G 1378.5	-Destacamento.	60° 44.2' S 44° 44.3' W	<b>Fl.W.</b> period 3s			Lantern on radio mast.	

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

ESTRECHO DE MAGELLANES (STRAIT OF MAGELLAN):

20364 <i>G 1402</i>	<b>-Punta Dungeness.</b>	52° 23.8' S 68° 25.9' W	<b>Fl.W.</b> period 10s fl. 0.2s, ec. 9.8s	105 32	<b>22</b>	White cylindrical iron tower, red band, adjoining white house with red roof; 82.	Visible 223°-144°.
	-RACON		<b>N(- •)</b> period 48s fl. 3s, ec. 45s	105 32	<b>17</b>		(10cm).
20368 <i>G 1404</i>	<b>-Cabo Espiritu Santo.</b>	52° 39.6' S 68° 36.4' W	<b>Fl.W.</b> period 15s fl. 0.3s, ec. 14.7s	230 70	<b>23</b>	White cylindrical iron tower, red band, concrete base; 30.	Visible 154°-303°.
	-RACON		<b>T(-)</b> period 50s fl. 4s, ec. 46s	220 67	<b>18</b>		(10cm).

# Section 15

## Radiobeacons

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
<b>GREENLAND</b>							
10	Ittoqqortoormit, Scoresbysund	70° 29.2' N 21° 58.3' W	<b>SC</b> (••• -•••).	200		343 NON, A2A.	Aeromarine.
20	Kulusuk	65° 32.0' N 37° 10.0' W	<b>KK</b> (-•- -••).	50		283 NON, A2A.	Aeromarine.
30	Ikerassuaq, Prins Christian Sund	60° 03.5' N 43° 09.9' W	<b>OZN</b> (--- -••• -•).	200		372 A1A.	Aeromarine.
35	Nanortalik	60° 08.7' N 45° 15.3' W	<b>NN</b> (-• -•).	20		270 NON, A2A.	Aeromarine.
40	Oaqortoq, Julianehab	60° 43.4' N 46° 01.5' W	<b>JH</b> (•--- ••••).	20		265 NON, A2A.	Aeromarine.
45	Narssaq	60° 54.0' N 46° 01.2' W	<b>NS</b> (-• •••).	20		404 NON, A2A.	Aeromarine.
50	Simiutaq	60° 41.4' N 46° 35.5' W	<b>SI</b> (••• ••).	100		279 NON, A2A.	Aeromarine.
60	Paamiut, Frederikshaab	61° 59.8' N 49° 39.1' W	<b>FH</b> (••-• ••••).	100		331 NON, A1A.	Aeromarine.
70	Kokoerne	64° 04.2' N 52° 00.7' W	<b>KU</b> (-•- ••-).	150		298 NON, A2A.	Aeromarine.
72	Nuuk, Godthab	64° 10.8' N 51° 44.9' W	<b>GH</b> (-•• ••••).	20		314 NON, A2A.	Aeromarine.
75	Maniitsoq, Sukkertoppen	65° 25.0' N 52° 54.0' W	<b>ST</b> (••• -).	20		310 NON, A2A.	Aeromarine.
80	Sisimiut, Holsteinsborg	66° 56.0' N 53° 42.0' W	<b>HB</b> (•••• -•••).	200		328 NON, A2A.	Aeromarine.
90	Aasiaat, Egedesminde	68° 42.0' N 52° 50.0' W	<b>EM</b> (• -•).	50		215 NON, A2A.	Aeromarine.
95	Oasigiannuit, Christianhab	68° 50.0' N 51° 13.0' W	<b>CH</b> (-••• ••••).	20		265 NON, A2A.	Aeromarine.
97	Ilulissat, Jakobshavn	69° 14.6' N 51° 04.7' W	<b>JV</b> (•--- ••••).	50		367 NON, A2A.	Aeromarine.
100	Qeqertarsuaq, Godhavn	69° 15.0' N 53° 32.0' W	<b>GN</b> (-•• -•).	150		306 A1A.	Aeromarine.
110	Upernavik	72° 48.0' N 56° 09.0' W	<b>UP</b> (••• -•••).	200		399 NON, A2A.	Aeromarine.
<b>CANADA - ATLANTIC COAST</b>							
115	Clyde, Baffin Island	70° 20.0' N 68° 35.4' W	<b>YCY</b> (-•--- -••• -•---).	80		256	AERO.
120	Cape Hooper, Baffin Island	68° 26.2' N 66° 44.0' W	<b>UZ</b> (••- -•••).	50		287 NON, A2A.	AERO.
130	Broughton Island, Baffin Island	67° 33.7' N 64° 01.0' W	<b>YJI</b> (-•--- •--- ••).	50		237 NON, A2A.	AERO.
140	Cape Dyer, Baffin Island	66° 39.9' N 61° 21.7' W	<b>VN</b> (•••• -•).	50		248 NON, A2A.	AERO.
150	Koartac, P.Q. (Cape Hope Advance)	61° 02.7' N 69° 37.9' W	<b>UHA</b> (••- •••• •-).	100		285 NON, A2A.	AERO. Carrier signal.

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
<b>CANADA - ATLANTIC COAST</b>							
160	Coral Harbor, N.W.T.	64° 09.0' N 83° 22.4' W	<b>ZS</b> (-- •• •••).	300		362 A2A.	AERO. Carrier signal.
170	Chesterfield Inlet Light Station, N.W.T.	63° 20.5' N 90° 42.5' W	<b>YCS</b> (- • - - - • - • • • •).	60		341 A2A.	Carrier signal.
180	Rankin Inlet, N.W.T.	62° 48.8' N 92° 06.1' W	<b>RT</b> (• - • -).	150		284 A2A.	AERO. Carrier signal.
190	Eskimo Point, N.W.T.	61° 06.5' N 94° 04.0' W	<b>YEK</b> (- • - - - • - • -).	150		329 A2A.	Carrier signal.
200	Churchill, Man.	58° 46.4' N 94° 10.6' W	<b>Q</b> (- - • -).	75		356 A2A.	AERO. Carrier signal.
210	Churchill, Man.	58° 45.7' N 93° 57.2' W	<b>YQ</b> (- • - - - - • -).	150		305 A2A.	Carrier signal.
220	Button Islands, N.W.T.	60° 41.7' N 64° 37.5' W	<b>B</b> (- • • • •). period 360s tr 60s si 300s	180		312 A2A.	Seasonal. Carrier signal.
232	Nameless Point, Nfld.	51° 18.7' N 56° 44.5' W	<b>Y</b> (- • - -). period 360s tr(3) 60s si 300s	40	II	290 NON, A2A.	Carrier signal.
234	Belle Isle (North Point), Nfld.	52° 00.0' N 55° 16.8' W	<b>R</b> (• - •). period 360s tr 60s si 300s	100	III	290 NON, A2A.	Seasonal. Carrier signal.
240	Natashquan, Que.	50° 13.4' N 61° 50.6' W	<b>NA</b> (- • • -).	150		385	AERO.
244	Sept-Iles, Que.	50° 11.3' N 66° 06.7' W	<b>ZV</b> (- - • • • • -).	150		273	
254	Gull Island, Nfld.	49° 59.9' N 55° 21.5' W	<b>G</b> (- - •). period 360s tr(3) 60s si 120s repeats(1) 180s	80	III, VI	304 NON, A2A.	Seasonal. Carrier signal. Transmits continuously during periods of low visibility. During periods of clear weather, transmits between 00-10 and 30-40 minutes past each hour.
260	Stephenville, Nfld.	48° 33.4' N 58° 34.4' W	<b>JT</b> (• - - - -).	80		390	AERO.
290	Tete de Galantry Light Station, St. Pierre Island (Fr.)	46° 45.9' N 56° 09.3' W	<b>Y</b> (- • - -).	100		342 A2A.	AERO.
300	St. Pierre, St. Pierre Island (Fr.)	46° 46.0' N 56° 11.0' W	<b>MQ</b> (- - - - • -).	80		354 A2A.	AERO.
332	East Point Light Station, P.E.I.	46° 27.2' N 61° 58.0' W	<b>N</b> (- •). period 360s tr(3) 60s si 300s	50	II	318 A2A.	Carrier signal.
350	Blanc Sablon, P.Q.	51° 25.2' N 57° 10.2' W	<b>BX</b> (- • • • • - • • -).	100		220 A2A.	AERO.
370	Port Menier, Anticosti Island	49° 50.2' N 64° 23.4' W	<b>PN</b> (• - - • - •).	100		360 A2A.	AERO. Carrier signal.
390	Mont Joli, P.Q.	48° 34.0' N 68° 15.6' W	<b>YY</b> (- • - - - • - - -).	150		340	AERO.
395	Pointe au Pere	48° 31.1' N 68° 28.1' W	<b>K</b> (- • -).			290	Seasonal. Transmits upon request to Mont-Joli Coast Guard Radio/VCF.
400	Ile Bicquette Calibration Station, P.Q.	48° 24.9' N 68° 53.6' W	<b>T</b> (-).			320 A2A.	Seasonal. Transmits upon request (24 hours in advance) to Quebec Coast Guard Radio/VCC.

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
<b>CANADA - ATLANTIC COAST</b>							
405	Ste-Croix, FP.	46° 38.5' N 71° 41.7' W	<b>N</b> (- •).	10		360	
410	Quebec Calibration Station, P.Q.	46° 48.8' N 71° 09.6' W	<b>T</b> (-).	5		320 A2A.	Transmits upon request (6 hours in advance) to Quebec Coast Guard Radio/VCC.
470	Halifax Calibration Station, N.S.	44° 41.0' N 63° 36.8' W	<b>T</b> (-).			286 NON, A2A.	Transmits upon request (6 hours in advance) to Halifax Marine Radio/VCS.
518	Seal Island Light Station, N.S.	43° 23.5' N 66° 00.9' W	<b>H</b> (••••). period 360s tr(3) 60s si 300s	75	VI	322 A2A.	Carrier signal.
<b>UNITED STATES - ATLANTIC AND GULF COASTS</b>							
1212	Nantucket Shoals Lighted Horn Buoy N, Ma.	40° 30.0' N 69° 26.0' W	<b>NS</b> (- • • • •). period 360s tr 50s (—) 10s si 300s	50		285 A2A.	
1214	Montauk Point Light Station, N.Y.	41° 04.0' N 71° 51.8' W	<b>MP</b> (- - • - - •). period 360s tr 50s (—) 10s si 300s	125		293 A2A.	
1400	Kennedy, N.Y.	40° 35.0' N 73° 48.0' W	<b>JF</b> (• - - - • - - •).	25		373 NON, A2A.	AERO.
1582	Charleston Light Station (Sullivan's Island), S.C.	32° 45.5' N 79° 50.6' W	<b>S</b> (••••). period 360s tr 50s (—) 10s si 300s	125	III	298 A2A.	
1620	Tybee Light Station, Ga.	32° 01.3' N 80° 50.7' W	<b>TB</b> (- - ••••). period 60s tr 50s (—) 10s	75		317 A2A.	
1670	Palm Beach, Fl.	26° 41.0' N 80° 13.0' W	<b>PB</b> (• - - • - ••••).			356 A2A.	AERO.
1690	Miami, Fl.	25° 44.0' N 80° 09.6' W	<b>U</b> (••-).	100		322 A2A.	
1700	Marathon, Fl.	24° 42.7' N 81° 05.7' W	<b>MTH</b> (- - - ••••).	50		260 NON, A2A.	AERO.
1710	Fish Hook, Fl.	24° 33.0' N 81° 47.0' W	<b>FIS</b> (••-• •• ••••).	100		332 NON, A2A.	AERO.
1740	Yankeetown, Fl.	28° 58.0' N 82° 41.8' W	<b>Y</b> (- • - -).	65		290 A2A.	
<b>BERMUDA</b>							
1880	St. Davids Head	32° 22.0' N 64° 38.9' W	<b>BSD</b> (- •••• ••• - •••).	155		323 A2A.	

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
<b>BAHAMA ISLANDS</b>							
1900	West End International Airport	26° 41.3' N 78° 58.7' W	<b>ZWE</b> (--•• •--•).	100		317 A2A.	AERO.
1920	Naussau International Airport	25° 02.0' N 77° 28.0' W	<b>ZQA</b> (--•• ---• •-).	240		251 A1A.	AERO.
1925	Great Inagua	20° 57.6' N 73° 40.5' W	<b>ZIN</b> (--•• •• -•).		50	376 A2A.	AERO.
<b>CUBA</b>							
1940	San Julian	22° 05.0' N 84° 13.0' W	<b>USJ</b> (••- ••• •---).	155		402	AERO.
1950	Havana	22° 58.0' N 82° 26.0' W	<b>A</b> (•-).	256		339	AERO.
1960	Varder	23° 05.0' N 81° 22.0' W	<b>UVR</b> (••- •••- •-•).	216		272 A2A.	AERO.
1980	Cayo Coco	22° 30.9' N 78° 30.7' W	<b>UNC</b> (••- -• ---•).			256 A2A.	AERO.
1990	Guantanamo Bay	19° 54.0' N 75° 10.0' W	<b>NBW</b> (-• -••• •-•).			276.2	AERO.
2000	Santiago de Cuba	19° 58.0' N 75° 50.0' W	<b>UCU</b> (••- -••• ••-).	70		339 A2A.	AERO.
<b>BELIZE</b>							
2080	Belize	17° 32.0' N 88° 18.0' W	<b>BZE</b> (-••• -••• •).	192		392 NON, A2A.	AERO.
<b>COSTA RICA</b>							
2100	Limon (TIM)	10° 00.1' N 83° 01.6' W	<b>M</b> (-•-). period 600s	50 100		290 A2A.	Transmits upon request through Limon (TIM) at 00 and 30 minutes past the hour requested.
<b>PANAMA - ATLANTIC COAST</b>							
2130	Almirante	9° 17.4' N 82° 23.6' W	<b>B</b> (-•••).			290 A2A.	Transmits continuously between 0500 to 1300.
<b>COLOMBIA</b>							
2140	Isla San Andres	12° 35.1' N 81° 42.3' W	<b>SPP</b> (••• •---• •---•).	40		387 NON, A2A.	AERO.
2160	Riohacha	11° 33.0' N 72° 54.0' W	<b>RHC</b> (•-• •••• -•-•).	75		295 NON, A2A.	AERO.
2165	Portete	12° 14.2' N 71° 59.7' W	<b>PTE</b> (•---• -•).			420	AERO.

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
<b>VENEZUELA</b>							
2180	Maiquetia	10° 37.0' N 66° 59.0' W	<b>MIQ</b> (-- •• ---).	130		292 A2A.	AERO.
2190	La Orchilla	11° 48.0' N 66° 07.0' W	<b>ORC</b> (--- ••• -•••).	180		320 A2A.	
2200	Hiquerote	10° 28.0' N 66° 05.7' W	<b>HOT</b> (•••• --- -).	240		353 NON, A2A.	AERO.
2210	Margarita	10° 55.3' N 63° 57.4' W	<b>MTA</b> (-- - •-).	100		206 A2A.	AERO.
<b>CAYMAN ISLANDS</b>							
2220	Grand Cayman	19° 17.0' N 81° 23.0' W	<b>ZIY</b> (--•• •• ---).	240		344 NON, A2A.	AERO.
2225	Cayman Brac	19° 41.4' N 79° 51.4' W	<b>CBC</b> (-•-• -••• -•-•).	240		415	AERO.
<b>JAMAICA</b>							
2230	Montego Bay	18° 30.0' N 77° 55.0' W	<b>MBJ</b> (-- -••• •---).	150		248 NON, A2A.	AERO.
2240	Kingston	17° 58.0' N 76° 53.0' W	<b>KIN</b> (-•- •• -•).	250		360 NON, A2A.	AERO.
<b>HAITI</b>							
2250	Port-au-Prince	18° 35.0' N 72° 17.0' W	<b>HHP</b> (•••• •••• •---).	240		270 A2A.	AERO.
<b>DOMINICAN REPUBLIC</b>							
2260	Punta Caucedo	18° 27.0' N 69° 40.0' W	<b>HIV</b> (•••• •• •••-).	240		400 A2A.	AERO.
<b>PUERTO RICO</b>							
2270	Dorado	18° 28.0' N 66° 25.0' W	<b>DDP</b> (-•• -•• ---•).	365		391 NON, A2A.	AERO.
2290	Roosevelt Roads	18° 14.0' N 65° 37.0' W	<b>NRR</b> (-• ••• •-•).	115		264 NON, A2A.	AERO.
<b>LEeward ISLANDS</b>							
2300	Saint Barthelemy	17° 54.0' N 62° 51.0' W	<b>BY</b> (-•••• -•---).	50		338 A1A.	AERO.
2310	Coolidge (Antigua)	17° 07.5' N 61° 47.6' W	<b>ZDX</b> (--••• -••• -•••-).	256		369 NON, A2A.	AERO.
2330	Marie-Galante/Grand Bourq, Guadeloupe	15° 52.0' N 61° 16.0' W	<b>MG</b> (-- --•).	50		376 A2A.	AERO.
2340	Dominica.	15° 32.8' N 61° 18.4' W	<b>DOM</b> (-•• --- -).	100		273	AERO.

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
<b>WINDWARD ISLANDS</b>							
2350	Martinque (Fort de France)	14° 36.0' N 61° 06.0' W	<b>FXF</b> (•••• -••• -•••••).	100		314 A2A.	AERO.
2360	Hewanorra, Saint Lucia	13° 44.0' N 60° 59.0' W	<b>BNE</b> (-•••• -•••••).	100		305	AERO.
2370	Arnos Vale, Saint Vincent	13° 09.0' N 61° 13.0' W	<b>SV</b> (••••• •••••).	143		403	AERO.
2380	Barbados (Seawell Aerodome)	13° 04.0' N 59° 30.0' W	<b>BGI</b> (-••••• -••••• •••).	256		345 NON, A2A.	AERO.
2390	Grenada	12° 00.5' N 61° 46.7' W	<b>GND</b> (-••••• -•••••).	115		362 NON, A2A.	AERO.
<b>TRINIDAD AND TOBAGO</b>							
2400	Crown Point, Tobago	11° 09.0' N 60° 51.0' W	<b>TAB</b> (-••••• -•••••).	100		323 A2A.	AERO.
2410	Piarco, Trinidad	10° 36.0' N 61° 26.0' W	<b>POS</b> (••••• -••••• •••).	256		382 NON, A2A.	AERO.
<b>GUYANA</b>							
2420	Timehri	6° 30.0' N 58° 14.0' W	<b>TIM</b> (-••••• -•••••).	150		356 A2A.	AERO.
2430	Georgetown	6° 49.3' N 58° 08.9' W	<b>8RB</b> (-••••• ••••• -•••••).	200		300 A2A.	
2450	Skeldon	5° 53.0' N 57° 09.0' W	<b>SKD</b> (••••• -••••• -•••••).	92		378 NON, A2A.	AERO.
<b>SURINAME</b>							
2460	Paramaribo	5° 50.9' N 55° 09.4' W	<b>PB</b> (••••• -•••••).	400		315 A2A.	
<b>BRAZIL</b>							
2480	Amapa	2° 04.0' N 50° 52.0' W	<b>AMP</b> (••••• -•••••).	70		275 NON, A2A.	AERO. Transmits between the hours of 0800Z- 2200Z.
2485	Canivete	0° 30.6' N 50° 24.9' W	<b>CN</b> (-••••• -•••••).	200		310 A2A.	
2500	Salinopolis Light Station	0° 36.9' S 47° 21.4' W	<b>BL</b> (-••••• •••••).	300		315 A2A.	
2520	Sao Luis	2° 35.0' S 44° 14.0' W	<b>SLI</b> (••••• ••••• •••).	50		280 NON, A2A.	AERO.
2525	Ponta de Sao Marcos	2° 29.3' S 44° 18.1' W	<b>SM</b> (••••• -•••••).	200		300 A2A.	
2530	Parnaiba	2° 54.0' S 41° 45.0' W	<b>PNB</b> (••••• -••••• -•••••).	100		365 NON, A2A.	AERO.
2540	Fortaleza	3° 47.0' S 38° 32.0' W	<b>FLZ</b> (••••• ••••• -•••••).	150		260 NON, A2A.	AERO.
2550	Fernando de Noronha	3° 52.0' S 32° 26.0' W	<b>NOR</b> (-••••• -•••••).	150		300 NON, A2A.	AERO.



(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
<b>BRAZIL</b>							
2560	Calcanhar	5° 09.7' S 35° 29.1' W	<b>DA</b> (- • • • -).	300		305 A2A.	
2580	Joao Pessoa	7° 09.0' S 34° 57.0' W	<b>JPS</b> (• - - - • - - - • • •).	50		320 NON, A2A.	AERO.
2600	Maceio	9° 31.0' S 35° 47.0' W	<b>MCO</b> (- - - • - - -).	70		340 NON, A2A.	AERO.
2610	Sergipe	10° 58.2' S 37° 02.2' W	<b>AI</b> (• - • •).	200		320 A2A.	
2620	Salvador	12° 55.0' S 38° 20.0' W	<b>SVD</b> (• • • • • • - - • •).	200		275 NON, A2A.	AERO.
2630	Ilheus	14° 49.0' S 39° 02.0' W	<b>YLH</b> (- • - - • - • • • • •).	70		305 NON, A2A.	AERO.
2640	Caravelas	17° 39.0' S 39° 15.0' W	<b>CVL</b> (- • - • • • - - • • •).	100		365 NON, A2A.	AERO.
2650	Parcel dos Abrolhos	17° 57.9' S 38° 41.5' W	<b>AV</b> (• - • • • -).	300		290 A2A.	
2670	Vitoria	20° 12.0' S 40° 15.0' W	<b>VTR</b> (• • • - - • - •).	100		350 NON, A2A.	AERO.
2680	Cabo Sao Tome Light Station	22° 02.5' S 41° 03.2' W	<b>SK</b> (• • • • - - -).	300		300 A2A.	
2690	Aldeia	22° 49.0' S 42° 06.0' W	<b>ADA</b> (• - - • • • -).	50		345 NON, A2A.	AERO.
2700	Ilha Rasa Light Station	23° 03.8' S 43° 08.8' W	<b>IH</b> (• • • • • •).	300		315 A2A.	
2710	Santa Cruz	22° 56.0' S 43° 43.0' W	<b>SCR</b> (• • • • - - - • - •).	60		255 NON, A2A.	AERO.
2720	Ubatuba	23° 27.0' S 45° 04.0' W	<b>UBT</b> (• • - - - • • • -).	50		295 NON, A2A.	AERO.
2730	Ilha da Moela	24° 03.1' S 46° 15.8' W	<b>NR</b> (- • • - •).	300		305 A2A.	
2740	Paranagua (Ilha do Mel)	25° 30.0' S 48° 19.0' W	<b>NX</b> (- • - • • -).	300		320 A2A.	
2745	Navegantes	26° 52.5' S 48° 39.1' W	<b>NVG</b> (- • • • • - - - •).	50		235 NON, A2A.	AERO.
2747	Ilha de Santa Catarina	27° 41.7' S 48° 30.0' W	<b>FNP</b> (• • - • - • - - - •).	50		220 NON, A2A.	AERO.
2750	Cabo Santa Marta Grande Light Station	28° 36.2' S 48° 48.8' W	<b>SW</b> (• • • • - - -).	300		310 A2A.	
2760	Tramandai Light Station	30° 00.6' S 50° 08.2' W	<b>FB</b> (• • - • - • • •).	300		300 A2A.	
2770	Rio Grande	32° 09.0' S 52° 06.2' W	<b>RG</b> (• - • - - •).	300		290 A2A.	
2780	Arroio Chui	33° 44.5' S 53° 22.3' W	<b>UI</b> (• • - • •).	200		312 A2A.	
<b>URUGUAY</b>							
2800	Cabo Santa Maria Light Station	34° 40.3' S 54° 09.1' W	<b>LP</b> (• - • • • - - - •).	80		310 A2A.	
2810	Punta del Este	34° 57.9' S 54° 57.0' W	<b>PDE</b> (• - - • • - • • •).	90		320 A2A.	

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
<b>ARGENTINA</b>							
2840	Punta Indio	35° 21.5' S 57° 18.0' W	<b>PDI</b> (• - - • - - • •).	50		325 A2A.	AERO.
2860	Segunda Barranca	40° 46.8' S 62° 16.7' W	<b>SB</b> (• • • - • • •). period 360s tr (interrupted by 2 long dashes) 120s si 240s	200	I, II	310 A2A.	Transmits continuously during periods of low visibility. During periods of clear weather, transmits at 00, 06, 30, and 36 minutes past each hour.
2862	El Rincon	39° 23.2' S 62° 00.8' W	<b>RN</b> (• - • - •). period 360s tr (interrupted by 2 long dashes) 120s si 240s	200	III, IV	310 A2A.	Transmits continuously during periods of low visibility. During periods of clear weather, transmits at 02, 08, 32, and 38 minutes past each hour.
2864	Recalada, Bahia Blanca	38° 59.5' S 61° 15.6' W	<b>BB</b> (- • • • - • • •). period 360s tr (interrupted by 2 long dashes) 120s si 240s	200	V, VI	310 A2A.	Transmits continuously during periods of low visibility. During periods of clear weather, transmits at 04, 10, 34, and 40 minutes past each hour.
2870	Punta Delgada Light Station	42° 46.0' S 63° 38.9' W	<b>PD</b> (• - - • - • •). period 120s	200		315 A2A.	Transmits continuously during periods of low visibility. During periods of clear weather, transmits at 04, 10, 34, and 40 minutes past each hour.
2880	Cabo Blanco Light Station	47° 12.2' S 65° 44.5' W	<b>CB</b> (- • - • - • • •). period 360s tr 9.8s si 2.2s (-) 17.0s si 1.0s (-) 17.0s si 1.0s repeats(1) 48s tr 9.8s si 254.2s	200		295 A2A.	Transmits continuously during periods of low visibility. During periods of clear weather, transmits at 02, 08, 32, and 38 minutes past each hour.
2890	San Julian	49° 19.0' S 67° 48.0' W	<b>SJU</b> (• • • • - - - • • -).	150		375 A2A.	AERO. Transmits occasionally.
2900	Rio Gallegos	51° 37.0' S 69° 17.0' W	<b>GAL</b> (- - • • - • - • • •).	350		330 A2A.	AERO. Transmits between the hours of 0900- 2400.
2910	Cabo Virgenes Light Station	52° 20.0' S 68° 21.0' W	<b>CV</b> (- • - • • • • -).	200		300 A2A.	Transmits continuously during periods of low visibility. During periods of clear weather, transmits at 10, 16, 40, and 46 minutes past each hour.

# Section 16

## Differential GPS Stations

(1) No.	(2) Name	(3) Position	(4) Station ID	(5) Range	(6) Frequency	(7) Transfer Rate	(8) Remarks
<b>CANADA-ATLANTIC COAST</b>							
100	Cape Ray (Port aux Basques), Newfoundland	47° 38.0' N 59° 14.0' W	T 942 R 340 R 341	189	288	200	
110	Cape Race, Newfoundland	46° 46.0' N 53° 11.0' W	T 940 R 338 R 339	283	315	200	
115	Cape Norman, Newfoundland	51° 30.0' N 54° 49.0' W	T 944 R 342 R 343	189	310	200	Message Types: 3,5,6,7,9,16.
118	Rigolet, Newfoundland	54° 15.0' N 58° 30.0' W	T 946 R 344 R 345	162	299	200	
120	Fox Island, Nova Scotia	45° 20.0' N 61° 05.0' W	T 934 R 336 R 337	162	307	200	
125	Western Head, Nova Scotia	43° 59.0' N 64° 40.0' W	T 935 R 334 R 335	162	312	200	Message Types: 3,5,6,7,9,16.
135	Point Escuminac, New Brunswick	47° 04.0' N 64° 48.0' W	T 936 R 332 R 333	162	319	200	
140	Partridge Island, New Brunswick	45° 14.0' N 66° 03.0' W	T 939 R 326 R 327	162	295	200	
145	Riviere-du-Loup, Quebec	47° 46.0' N 69° 36.0' W	T 926 R 318 R 319	162	300	200	Message Types: 3,5,6,7,9,16.
148	Moisie, Quebec	50° 12.0' N 66° 07.0' W	T 925 R 320 R 321	162	313	200	Message Types: 3,5,6,7,9,16.
150	Lauzon, Quebec	46° 49.0' N 71° 10.0' W	T 927 R 316 R 317	178	309	200	
155	Trois-Rivieres, Quebec	46° 23.0' N 72° 27.0' W	T 928 R 314 R 315	92	321	200	
160	St. Jean Richelieu, Quebec	45° 19.0' N 73° 19.0' W	T 929 R 312 R 313	178	296	200	
170	Cardinal, Ontario	44° 47.0' N 75° 25.0' W	T 919 R 308 R 309	162	306	200	
180	Warton, Ontario	44° 45.0' N 81° 07.0' W	T 918 R 310 R 311	135	286	200	
<b>UNITED STATES-ATLANTIC AND GULF COASTS</b>							
200	Brunswick, Maine	43° 53.7' N 69° 56.3' W	T 800	115	316	100	
210	Portsmouth, New Hampshire	43° 04.2' N 70° 42.6' W	T 801	70	288	100	

(1) No.	(2) Name	(3) Position	(4) Station ID	(5) Range	(6) Frequency	(7) Transfer Rate	(8) Remarks
<b>UNITED STATES-ATLANTIC AND GULF COASTS</b>							
220	Chatham, Massachusetts	41° 40.3' N 69° 57.0' W	T 802	95	325	200	
230	Montauk Point, New York	41° 04.0' N 71° 51.4' W	T 803	125	293	100	
240	Sandy Hook, New Jersey	40° 28.3' N 74° 00.7' W	T 804	100	286	200	
250	Cape Henelopen, Delaware	38° 46.6' N 75° 05.3' W	T 805	180	298	200	
260	Cape Henry, Virginia	36° 55.6' N 76° 00.4' W	T 806	130	289	100	
270	Fort Macon, North Carolina	34° 41.9' N 76° 41.0' W	T 807	130	294	100	
280	Charleston, South Carolina	32° 45.5' N 79° 50.6' W	T 808	150	298	100	
290	Cape Canaveral, Florida	28° 27.6' N 80° 32.6' W	T 809	250	289	100	
300	Miami, Florida	25° 43.9' N 80° 09.6' W	T 810	75	322	100	
310	Key West, Florida	24° 34.9' N 81° 39.1' W	T 811	110	286	100	
320	Egmont Key, Florida	27° 36.1' N 82° 45.7' W	T 812	210	312	200	
330	Isabella, Puerto Rico	18° 30.0' N 67° 02.0' W	T 817	125	295	100	
340	Mobile Point, Alabama	30° 13.6' N 88° 01.4' W	T 813	180	300	100	
350	English Turn, Louisiana	29° 52.7' N 89° 56.5' W	T 814	180	293	200	
360	Galveston, Texas	29° 19.8' N 94° 44.2' W	T 815	180	296	100	
370	Aransas Pass, Texas	27° 50.3' N 97° 03.5' W	T 816	180	304	100	
<b>BERMUDA</b>							
400	St. David's Head	32° 22.0' N 64° 38.0' W	T 950	173	323	100	
<b>BRAZIL</b>							
700	Canivete	0° 30.6' N 50° 24.9' W	R 463	200	310	100	Message Types: 1,2,3,6,16.
705	Ponta de Sao Marcos	2° 29.3' S 44° 18.1' W	R 460	200	300	100	Message Types: 1,2,3,6,16.
710	Ponta de Calcanhar	5° 09.7' S 35° 29.1' W	R 467	200	305	100	Message Types: 1,2,3,6,16.
715	Sergipe	10° 58.2' S 37° 02.2' W	R 468	200	320	100	Message Types: 1,2,3,6,16.
720	Canal dos Abrolhos	17° 57.9' S 38° 41.5' W	R 461	200	290	100	Message Types: 1,2,3,6,16.
725	Cabo Sao Tome	22° 02.5' S 41° 03.2' W	R 465	200	300	100	Message Types: 1,2,3,6,16.

(1) No.	(2) Name	(3) Position	(4) Station ID	(5) Range	(6) Frequency	(7) Transfer Rate	(8) Remarks
<b>BRAZIL</b>							
730	Ilha Rasa	23° 03.8' S 48° 08.8' W					
735	Ilha da Moela	24° 03.1' S 46° 15.8' W	R 462	200	305	100	Message Types: 1,2,3,6,16.
740	Cabo Santa Marta	28° 36.2' S 48° 48.8' W	R 466	200	310	100	Message Types: 1,2,3,6,16.
745	Rio Grande	32° 09.0' S 52° 06.2' W	R 464	200	290	100	Message Types: 1,2,3,6,16.

<b>ARGENTINA</b>							
900	Buenos Aires	34° 37.4' S 58° 21.2' W			2570		
910	Rosario	32° 58.4' S 60° 37.2' W			2950		

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G0014		17540	G0104		17740	G0212.6		17962	G0302		18196
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G0028		17568	G0119.3		17766.7	G0223.4		17989	G0314		18232
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G0064		17660	G0166		17840	G0256		18066	G0327		18292
G0065		17662	G0168		17844	G0262		18127	G0327.3		18300
G0066		17664	G0170		17848	G0262.3		18126	G0327.6		18304
G0070		17668	G0172		17852	G0266		18132	G0327.8		18308
G0070.5		17670	G0177		17856	G0267		18128	G0327.9		18310
G0072		17672	G0178		17860	G0268		18136	G0328		18312
G0073		17674	G0180		17864	G0269		18140	G0330		18316
G0074		17676	G0180.6		17872	G0270		18144	G0331		18320
G0079		17695	G0180.8		17876	G0270.2		18145	G0331.2		18321
G0080		17684	G0182		17880	G0274		18148	G0331.21		18322

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G0332		18324	G0411.1		18492	G0500		18668	G0600		18920
G0334		18328	G0412		18496	G0501		18660	G0602		18924
G0335		18330	G0414		18497	G0501.1		18664	G0604		18928
G0335.5		18330.5	G0414.2		18498	G0502		18680	G0605		18930
G0338		18332	G0414.6		18508	G0502.2		18684	G0606		18932
G0340		18336	G0414.8		18512	G0502.4		18676	G0607.4		18936
G0342		18340	G0415		18500	G0502.5		18673	G0608		18944
G0343		18342	G0415.5		18506	G0502.55		18674	G0610		18945
G0346		18344	G0416		18504	G0502.6		18688	G0612		18948
G0348		18348	G0416.3		18501	G0503		18689	G0614		18956
G0349		18352	G0416.5		18502	G0503.2		18689.2	G0615		18959.7
G0350		18356	G0416.8		18503	G0504		18690	G0616		18960
G0352		18360	G0417		18503.5	G0506		18692	G0618		18962
G0352.5		18362	G0417.5		18522	G0509		18696	G0620		18964
G0356		18364	G0418		18464	G0512		18700	G0622		18972
G0358		18368	G0419		18517	G0513.5		18702	G0624		18968
G0360		18372	G0419.2		18518	G0516		18704	G0625		18975
G0362		18376	G0420		18516	G0520		18724	G0625.2		18974
G0364		18396	G0424		18520	G0524		18726	G0625.4		18975.5
G0365		18392	G0426		18524	G0528		18748	G0626		18980
G0366		18400	G0427		18525	G0530		18752	G0626.2		18976
G0367		18380	G0427.5		18526	G0532		18753	G0626.4		18984
G0367.4		18374	G0428		18532	G0538		18756	G0626.6		18988
G0368		18384	G0429		18534	G0540		18760	G0627.2		18999
G0369.5		18401	G0430		18536	G0541		18761	G0627.4		18996
G0372		18388	G0431		18538	G0544		18763	G0627.5		18998
G0374		18389	G0431.5		18537	G0545		18764	G0627.6		18999.06
G0376		18404	G0432		18528	G0545.6		18769	G0627.8		18999.11
G0380.3		18409	G0433.5		18542	G0545.7		18770	G0628		18999.18
G0380.32		18410	G0434		18540	G0546		18772	G0628.1		18999.23
G0381.8		18412	G0435		18539	G0548		18776	G0628.15		18999.25
G0382.25		18413	G0439		18543.5	G0548.5		18778	G0628.2		18999.29
G0382.4		18414	G0439.2		18543	G0550		18781	G0628.4		18999.35
G0382.5		18416	G0440		18541	G0551		18784	G0628.6		18999.42
G0384		18455	G0448		18548	G0552		18788	G0628.8		18999.48
G0385		18420	G0450		18544	G0552.4		18794	G0629		18999.53
G0385.4		18424	G0454		18552	G0554		18800	G0629.1		18999.6
G0385.41		18425	G0458		18556	G0555		18796	G0629.2		18999.65
G0386		18432	G0459		18558	G0555.4		18812	G0629.3		18999.72
G0386.4		18433	G0462		18560	G0555.45		18828	G0629.4		18999.83
G0387		18436	G0464		18570	G0555.48		18810	G0629.5		18999.78
G0388		18440	G0466		18568	G0555.5		18804	G0629.6		18999.89
G0388.4		18441	G0468		18571	G0555.6		18830	G0629.7		18999.95
G0388.41		18441.1	G0470		18572	G0555.7		18820	G0629.8		18999.91
G0388.63		18439.4	G0472		18576	G0555.8		18808	G0630.2		18958
G0388.7		18439.2	G0474		18580	G0558		18848	G0630.4		18958.5
G0388.8		18439	G0475		18584	G0560		18852	G0630.8		18959
G0389		18434	G0476		18585	G0562		18856	G0631		18959.5
G0389.1		18434.5	G0476.2		18585.1	G0562.5		18857	G0631.2		18957
G0390		18438	G0476.4		18585.2	G0563		18858	G0631.4		18946.9
G0391		18435	G0476.6		18585.3	G0564		18859	G0631.6		18946.7
G0392		18444	G0476.8		18585.4	G0566		18860	G0631.8		18946.8
G0394		18448	G0477		18588	G0570		18864	G0632.15		18947
G0396		18452	G0478		18592	G0572		18872	G0632.2		18946.5
G0397		18453	G0479		18610	G0578		18878	G0632.4		18946.6
G0398		18452.5	G0480		18612	G0580		18880	G0633		18946
G0398.5		18452.3	G0484		18616	G0582		18884	G0634.5		18946.21
G0402		18456	G0486		18620	G0584		18888	G0636		19000
G0404		18460	G0490		18624	G0588		18892	G0639		19004
G0406		18468	G0492		18628	G0591		18896	G0640		19008
G0408		18472	G0495		18632	G0592		18900	G0644		19012
G0409		18476	G0496		18636	G0594		18904	G0658		19016
G0409.5		18478	G0497		18640	G0596		18908	G0660		19020
G0410.9		18484	G0498		18644	G0598		18912	G0662		19024
G0411		18480	G0498.1		18648	G0599		18916	G0664		19028

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G0667		19030	G0793		19402.3	G0934		19516	G1074		19668
G0668		19032	G0826		19384.5	G0934.1		19520	G1076		19728
G0672		19036	G0828		19384	G0935		19524	G1078		19736
G0676		19040	G0834		19380	G0935.1		19528	G1078.5		19737
G0682		19044	G0836		19382	G0938		19532	G1080		19740
G0683		19056	G0840		19388	G0942		19536	G1084		19744
G0684		19048	G0843		19383	G0986		19540	G1086		19748
G0688		19068	G0845		19401	G0989		19547	G1087		19752
G0689.1		19076	G0848.5		19402	G0991		19550	G1089		19760
G0689.2		19076.5	G0851		19401.5	G0993		19552	G1089.4		19764
G0690		19080	G0851.3		19401.7	G0994		19554	G1092		19768
G0692		19084	G0851.5		19401.8	G1000		19560	G1095		19784
G0696		19104	G0853		19402.65	G1000.5		19562	G1096		19776
G0698		19108	G0854		19402.6	G1001		19562.5	G1097		19788
G0699		19112	G0860		19402.7	G1004		19564	G1100		19796
G0700		19124	G0860.2		19402.8	G1006		19568	G1100.1		19800
G0702		19184	G0861.6		19374	G1008		19572	G1102		19804
G0704		19136	G0861.8		19375	G1010		19572.2	G1102.1		19808
G0706		19140	G0862		19376	G1010.2		19572.4	G1103		19810
G0707		19144	G0862.2		19377	G1010.4		19572.6	G1104		19792
G0709		19152	G0864		19373	G1012.4		19573	G1134		19912
G0710		19148	G0865		19372	G1012.6		19573.1	G1136		19916
G0712		19156	G0871		19368	G1013.4		19574	G1139		19920
G0714		19160	G0872		19320	G1013.44		19575	G1140		19924
G0715		19164	G0874		19324	G1013.46		19576	G1140.1		19928
G0717		19126	G0876		19332	G1013.6		19577	G1146		19932
G0718		19168	G0877		19328	G1013.65		19577.5	G1146.1		19936
G0721		19169	G0878		19336	G1015.1		19578.4	G1152		19940
G0721.1		19169.1	G0879		19340	G1015.3		19578.3	G1153		19944
G0722		19172	G0880		19344	G1020		19580	G1154		19948
G0724		19173	G0881		19348	G1024		19584	G1156		19952
G0724.1		19174	G0882.5		19351	G1028		19588	G1158		19956
G0726		19190	G0883		19361	G1031		19596	G1160		19960
G0736		19196	G0883.2		19360	G1034		19599	G1162		19964
G0740		19200	G0896		19316	G1035		19601	G1174		19984
G0743		19228	G0900		19403	G1036		19604	G1174.1		19988
G0744		19232	G0901		19404	G1037		19608	G1178		19992
G0748		19240	G0903		19406	G1038		19598	G1178.1		19996
G0754		19257	G0904		19420	G1042		19612	G1184		20000
G0754.4		19254	G0904.3		19422	G1042.1		19616	G1184.1		20004
G0754.6		19253	G0905.5		19421	G1045		19626	G1190		20008
G0755		19258	G0908		19424	G1046.3		19628	G1190.1		20012
G0756		19260	G0910		19428	G1047		19632	G1196		20016
G0757		19272	G0912		19430	G1048		19634	G1208		20032
G0758		19276	G0913		19472	G1048.4		19638	G1208.1		20036
G0759		19268	G0915		19436	G1048.8		19636	G1209.9		20028
G0760		19264	G0916		19436.5	G1049		19640	G1210		20024
G0762		19280	G0917		19437	G1050		19652	G1210.1		20020
G0763		19281	G0917.4		19469	G1052		19656	G1211		20040
G0764		19287	G0917.5		19470	G1054		19660	G1211.2		20044
G0765		19290	G0917.7		19468	G1058		19664	G1212		20048
G0766		19296	G0918		19467	G1060		19724	G1212.1		20052
G0767		19300	G0918.1		19467.5	G1062		19720	G1222		20068
G0768		19304	G0919		19465	G1064		19696	G1226		20072
G0768.5		19302	G0919.1		19466	G1066		19688	G1260		20152
G0771		19305	G0920		19464	G1067		19698	G1260.5		20156
G0772		19306	G0922		19475	G1068		19700	G1260.6		20157
G0773		19307	G0926		19480	G1069		19702	G1260.65		20158
G0773.2		19307.1	G0928		19488	G1070		19708	G1261		20160
G0773.3		19307.2	G0928.19		19496	G1070.1		19710	G1262		20192
G0773.4		19307.3	G0928.2		19497	G1070.4		19712	G1266		20196
G0774		19307.5	G0930		19484	G1072		19684	G1269		20216
G0775		19307.6	G0932		19504	G1073		19672	G1269.1		20220
G0789		19284	G0932.1		19508	G1073.1		19676	G1270		20224
G0791		19292	G0932.6		19501	G1073.4		19680	G1270.1		20228

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
G1271		20232	H0027		752	H0068.1		842.1	H0085.5		934
G1271.1		20236	H0027.1		756	H0068.3		841	H0085.7		933
G1274		20256	H0028		749	H0068.4		833	H0086		936
G1275		20260	H0028.1		750	H0068.42		834	H0086.4		940
G1276		20264	H0029		751	H0068.5		836	H0086.6		944
G1277		20284	H0029.1		751.1	H0068.51		840	H0086.65		938
G1278		20288	H0032		716	H0068.6		842	H0086.7		945
G1279		20268	H0033		720	H0068.8		843	H0086.8		946
G1280		20272	H0033.4		724	H0069		844	H0087		948
G1281		20276	H0034		728	H0070		848	H0088		960
G1282		20280	H0035		732	H0070.5		848.5	H0088.1		964
G1283		20269	H0035.4		736	H0071		849	H0089		952
G1288		20300	H0036		708	H0071.2		849.1	H0089.1		956
G1289		20292	H0036.1		712	H0071.24		850	H0089.5		966
G1290		20296	H0036.4		714	H0071.25		849.7	H0089.7		967
G1292		20304	H0038		704	H0071.26		849.6	H0089.8		967.2
G1341		20335	H0040		700	H0071.27		849.5	H0090		972
G1341.4		20335.2	H0041		680	H0071.3		849.4	H0091		967.3
G1341.5		20335.4	H0042		676	H0071.33		849.3	H0092		968
G1342		20340	H0048		668	H0071.34		849.2	H0093		974
G1344		20344	H0052		660	H0071.36		850.3	H0094		976
G1345		20345	H0053.4		608	H0071.39		850.8	H0096		984
G1345.1		20346	H0053.41		612	H0071.45		850.5	H0102		988
G1346		20348	H0053.5		616	H0071.48		851.02	H0104		992
G1348		20352	H0054		620	H0071.5		851	H0108		980
G1352		20336	H0054.2		624	H0071.53		851.05	H0110		1000
G1353		20353	H0054.21		628	H0071.54		851.03	H0112.55		1009
G1354		20357	H0054.3		632	H0071.55		851.07	H0112.6		1010
G1354.3		20358	H0054.31		636	H0071.7		851.1	H0114		1012
G1354.69		20358.1	H0054.4		640	H0071.8		854	H0116		1016
G1354.7		20358.2	H0054.6		644	H0071.9		851.2	H0117		2740.5
G1355		20359	H0055		650	H0071.91		855.2	H0122		1020
G1356		20359.1	H0055.5		657	H0071.95		855	H0122.1		1024
G1359		20361	H0055.51		658	H0071.97		855.1	H0123		1028
G1378		20363	H0056		659	H0071.98		855.3	H0124		2752
G1378.5		20363.2	H0056.2		652	H0072		852	H0124.1		2756
G1379		20363.1	H0056.21		656	H0073		857	H0132		1052
G1402		20364	H0056.4		648	H0074		856	H0136		1040
G1404		20368	H0058		601	H0074.2		858	H0137		1038
G917.62		19470.5	H0058.1		601.1	H0074.5		860	H0138		1036
G917.64		19470.7	H0058.4		602	H0074.7		864	H0140		1032
G920.2		19471	H0058.41		602.1	H0075		868	H0141		2737
G920.4		19471.2	H0059		603	H0075.5		872	H0141.2		2739
G920.6		19471.4	H0059.1		603.1	H0075.55		873	H0141.7		2722
H0011		812	H0059.5		822	H0075.6		876	H0142		2736
H0012.1		809.5	H0059.7		820.1	H0075.65		874	H0143		2728
H0012.3		810	H0060		820	H0075.7		888	H0143.1		2732
H0012.4		810.1	H0060.5		821.1	H0075.8		884	H0144		2724
H0012.6		811	H0061		821	H0075.9		880	H0144.5		2720
H0012.7		811.5	H0061.5		823	H0076		892	H0145		2716
H0012.8		810.5	H0062		824	H0076.2		894	H0145.7		2717
H0012.81		810.6	H0062.1		825	H0076.3		910	H0145.71		2718
H0013.3		804	H0062.15		825.05	H0076.4		896	H0146.5		2714
H0013.4		800	H0062.2		825.1	H0076.5		900	H0148		2704
H0013.8		779	H0062.5		826	H0077		904	H0150		2700
H0013.81		780	H0062.6		827	H0077.1		908	H0152		2688
H0013.84		784	H0062.7		827.1	H0078		912	H0152.5		2692
H0013.85		788	H0063.8		827.2	H0079		914	H0152.51		2696
H0013.87		792	H0064		828	H0079.5		915.2	H0154		2680
H0013.88		796	H0064.3		828.2	H0079.7		913	H0156		2668
H0014.5		768	H0064.4		828.1	H0080		916	H0164		2640
H0014.51		772	H0065		829	H0081		920	H0168		2644
H0024		740	H0066		830	H0082		924	H0169		2648
H0025		744	H0067		831	H0084		928	H0170		2652
H0025.5		746	H0068		832	H0085		932	H0175		2636

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
H0178		2616	H0287		2340	H0394.51		2028	H0484		1760
H0179		2620	H0288		2332	H0395		2022	H0486.2		1773
H0179.5		2634	H0289		2336	H0395.2		2022.1	H0486.3		1774
H0180		2632	H0290		2312	H0395.4		2021.2	H0487		1768
H0186		2628	H0294		2316	H0395.41		2021	H0490		1752
H0188		2624	H0296		2306	H0395.42		2021.1	H0492		1756
H0190		2608	H0298		2304	H0395.5		2021.3	H0494		1744
H0192		2604	H0300		2300	H0395.51		2021.4	H0495		1749
H0194		2600	H0302		2296	H0397		2044	H0498		1736
H0195		2596	H0304		2292	H0397.5		2042	H0500		1740
H0196		2568	H0308		2288	H0398		2048	H0500.5		1734
H0197		2572	H0309		2286	H0399		2052	H0501		1735
H0197.2		2576	H0310		2284	H0400		2056	H0502		1732
H0198		2580	H0313		2268	H0400.4		2012	H0503		1733
H0201		2592	H0314		2272	H0410		2004	H0503.2		1733.1
H0202		2560	H0318		2264	H0410.1		2008	H0503.3		1733.2
H0205		2536	H0318.2		2265	H0422		1960	H0504		1728
H0206		2540	H0320		2244	H0424		1964	H0504.4		1730
H0206.1		2544	H0321		2260	H0424.1		1968	H0506		1724
H0208		2516	H0322		2248	H0429		1954	H0508		1720
H0210		2520	H0323.3		2240	H0429.5		1955	H0510		1716
H0214		2524	H0323.4		2241	H0430		1956	H0510.5		1717
H0214.2		2534	H0324		2236	H0432		1952	H0511		1714
H0214.3		2535	H0325		2228	H0433		1940	H0511.5		1711
H0218		2504	H0328		2212	H0434		1936	H0512		1712
H0219		2496	H0329		2216	H0435		1934	H0513.7		1705
H0220		2492	H0330		2208	H0436		1932	H0514		1704
H0222		2468	H0332		2160	H0438		1924	H0514.5		1706
H0222.4		2469	H0338		2172	H0440		1920	H0515		1708
H0223		2484	H0341		2184	H0442		1908	H0516.5		1702
H0223.1		2488	H0341.2		2188	H0443		1912	H0518		1700
H0224		2472	H0342		2192	H0443.2		1916	H0520		1696
H0226		2476	H0343		2193	H0444		1904	H0522		1692
H0227		2480	H0345		2180	H0448		1884	H0526		1648
H0230		2460	H0345.2		2181	H0449		1880	H0526.5		1652
H0232		2452	H0348		2156	H0450		1876	H0527		1660
H0232.4		2456	H0350		2140	H0451		1874	H0527.1		1664
H0234		2428	H0352		2144	H0452		1872	H0528		1668
H0234.1		2432	H0352.1		2148	H0454		1868	H0530		1672
H0238		2436	H0356		2136	H0458		1848	H0530.1		1676
H0242.5		2418	H0360		2128	H0458.4		1852	H0531		1680
H0244		2420	H0362		2124	H0459		1860	H0536		1644
H0250		2408	H0364		2120	H0459.1		1864	H0538		1636
H0252		2404	H0367		2116	H0460		1856	H0539		1640
H0254		2400	H0368		2108	H0462.2		1866.5	H0540		1620
H0258		2396	H0370		2104	H0468		1844	H0543		1608
H0259		2395	H0372		2100	H0470		1836	H0543.5		1594
H0260		2392	H0372.4		2096	H0471		1840	H0544		1610
H0262		2394	H0373		2092	H0472		1824	H0545		1612
H0263		2390	H0375		2084	H0473		1828	H0546		1595
H0264		2380	H0377		2080	H0473.1		1832	H0547		1604
H0264.4		2381	H0379.4		2076	H0474		1820	H0547.4		1598
H0265		2376	H0379.7		2072	H0474.4		1807	H0548		1592
H0266		2368	H0380		2068	H0474.42		1806	H0549		1600
H0268		2364	H0381		2065	H0474.7		1812	H0554		1588
H0270		2360	H0382		2064	H0474.71		1816	H0554.6		1584
H0272		2358	H0383		2066	H0475		1796	H0555		1580
H0275		2356	H0384		2058	H0476		1804	H0556		1556
H0276		2352	H0386		2060	H0477		1800	H0558		1560
H0277		2344	H0387		2057	H0478		1788	H0560		1572
H0278		2348	H0388		2040	H0479		1792	H0560.2		1576
H0282		2347	H0390		2032	H0480.2		1786	H0561		1564
H0283		2349	H0392		2036	H0482		1784	H0561.1		1568
H0286		2320	H0394		2020	H0482.5		1780	H0562		1552
H0286.1		2324	H0394.5		2024	H0483		1776	H0563		1536

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Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
H0563.1		1540	H0651.6		1296	H0742		9164	H0886		8424
H0563.4		1544	H0652		1264	H0744		9168	H0888		8444
H0563.6		1548	H0654		1268	H0745		9172	H0888.1		8448
H0566		1524	H0654.5		1268.1	H0745.4		9184	H0896		8472
H0567		1528	H0654.9		1271	H0745.6		9180	H0903		8423
H0570		1508	H0655.1		1270	H0745.8		9182	H0903.5		8423.5
H0576		1496	H0655.15		1269	H0746		9160	H0907.5		8402
H0578		1492	H0656		1240	H0750		9156	H0909		8484
H0580		1484	H0658		1244	H0752		9148	H0910		8490
H0582		1472	H0660		1248	H0752.1		9152	H0913.4		8420
H0582.1		1476	H0664		1252	H0756		9144	H0913.5		8422
H0583		1478	H0666		1256	H0757.5		9132	H0914		8470
H0583.2		1479	H0668		1260	H0757.51		9136	H0914.1		8470.1
H0584		1440	H0670		1236	H0758		9100	H0915		8471
H0586		1444	H0670.5		1228	H0760		9112	H0915.4		8469
H0588		1464	H0671.5		1224	H0761		9104	H0920		8072
H0591		1452	H0672		1220	H0761.1		9108	H0922		8084
H0594		1460	H0674		1216	H0762.6		9120	H0924		8088
H0596		1448	H0674.2		1186	H0764		9124	H0925		8100
H0597		1436	H0674.4		1218	H0764.1		9128	H0928		8092
H0599		1424	H0675		1212	H0766.2		9131	H0928.1		8096
H0599.1		1428	H0677		1200	H0767		9130	H0930		8104
H0600		1432	H0677.6		1204	H0770		9080	H0931		8106
H0601		1420	H0678		1208	H0772		9092	H0932		8108
H0605		1412	H0679		1188	H0772.1		9096	H0939		8120
H0606		1416	H0679.2		1192	H0774		9098	H0949		8128
H0606.5		1410	H0679.3		1196	H0778		8916	H0949.2		8132
H0607		1408	H0679.5		1198	H0779		8920	H0950		8156
H0608		1404	H0680		1184	H0782		8932	H0954		8140
H0612		1400	H0680.4		1206	H0782.1		8936	H0954.1		8144
H0613		1402	H0680.7		1185	H0784		8948	H0956		8148
H0614		1352	H0681		1176	H0786		8952	H0962		8164
H0616		1388	H0682		1178	H0792		8981	H0978		8184
H0617		1376	H0682.5		1182	H0792.1		8982	H0978.1		8188
H0617.4		1380	H0683		1180	H0796		8983	H0982		8192
H0617.5		1384	H0686		1172	H0796.1		8983.1	H0996		8216
H0617.6		1386	H0692.4		1169	H0798		8984	H0998		8220
H0618		1360	H0693		1156	H0800		8996	H1006		8228
H0619		1372	H0694		1160	H0801		9000	H1006.1		8232
H0620		1356	H0694.5		1164	H0802		9020	H1008		8236
H0622		1396	H0696		1152	H0802.1		9024	H1012		8240
H0623		1392	H0697.7		1150	H0803		9012	H1012.1		8244
H0623.5		1390	H0698		1148	H0803.1		9016	H1016		8248
H0624		1336	H0702		1144	H0804.4		9028	H1016.1		8252
H0625		1326	H0704		1140	H0804.41		9032	H1018		8253
H0626		1332	H0705		1136	H0806		9040	H1024		8260
H0627		1333	H0707		1132	H0818		9052	H1039		8292
H0627.1		1334	H0708		1128	H0822		9056	H1039.4		8306
H0628		1340	H0710		1124	H0832		9057	H1039.5		8306.1
H0629		1344	H0712		1120	H0833		9058	H1039.6		8306.2
H0629.1		1348	H0716		1116	H0838		9060	H1039.7		8306.3
H0630		1316	H0718		1100	H0839		9064	H1039.8		8306.4
H0632		1320	H0718.4		1104	H0842		9068	H1044		8304
H0634		1324	H0719		1108	H0843		9072	H1045		8310
H0635		1302	H0720		1112	H0857.5		8902	H1046		8308
H0636		1300	H0721		1092	H0857.51		8903	H1048		8316
H0638		1312	H0722		1096	H0865.1		8893	H1049		8830
H0640		1272	H0724		1084	H0866		8880	H1049.1		8831
H0642		1278	H0725		1080	H0870		8864	H1050		8320
H0644		1276	H0726		1088	H0870.4		8868	H1050.1		8324
H0645		1280	H0728		1076	H0872		8848	H1054		8318
H0648		1284	H0730		1068	H0873		8840	H1056		8328
H0650		1288	H0732		1064	H0873.2		8844	H1057		8332
H0651		1293	H0734		1072	H0874		8832	H1057.5		8336
H0651.2		1294	H0736		1060	H0882		8432	H1058		8340



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Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
H1058.1		8344	H1236.4		8654	H1452.1		7499	H1591.41		.7260
H1060		8356	H1237		8608	H1464		7496	H1591.6		.7252
H1062		8360	H1238		8596	H1472		7500	H1591.8		.7254
H1068		8376	H1238.5		8600	H1472.1		7504	H1596		.7240
H1068.1		8380	H1240		8604	H1477		7508	H1596.2		.7241
H1073.1		8384	H1244		8612	H1477.1		7512	H1606		.7196
H1074		7851.5	H1248.05		8616	H1478		7516	H1608		.7194
H1074.4		7851	H1248.1		8617	H1478.1		7520	H1608.4		.7192
H1076		7852	H1256		8620	H1479		7521	H1609		.7184
H1078		7856	H1256.1		8624	H1479.1		7522	H1610		.7188
H1081.4		7865	H1260.5		8634	H1491		7532	H1612		.7176
H1094		7892	H1264.1		8644	H1491.1		7536	H1616		.7164
H1094.1		7896	H1272		8576	H1492		7553	H1616.1		.7168
H1129		7948	H1273		8568	H1492.1		7554	H1618		.7140
H1130.05		7956	H1274		8560	H1493		7540	H1619		.7144
H1140		7968	H1276		8564	H1493.1		7544	H1619.1		.7148
H1141		7972	H1283		8554	H1494		7548	H1620		.7152
H1142		7976	H1291		8536	H1494.1		7552	H1620.4		.7156
H1149		7992	H1291.1		8540	H1496		7556	H1620.41		.7160
H1150		7996	H1292		8512	H1496.1		7560	H1633		.7136
H1156		8000	H1292.1		8516	H1505		7564	H1638		.7108
H1160		8020	H1296		8520	H1505.2		7568	H1640		.7112
H1168		8036	H1296.1		8524	H1514		7452	H1655		.7097
H1170.3		8052	H1300		8528	H1515		7450	H1655.1		.7098
H1170.4		8048	H1300.1		8532	H1517		7444	H1665		.7093
H1173		8060	H1304		7844	H1520.5		7428	H1666		.7092
H1173.1		8064	H1308		7824	H1521		7424	H1674		.7080
H1174		8065	H1313		7812	H1525		7436	H1680		.7072
H1176.4		8825	H1313.1		7819	H1526.4		7418	H1686		.7068
H1176.5		8818	H1316		7816	H1530		7392	H1687		.7066
H1182		8804	H1319.2		7786	H1531		7396	H1687.1		.7067
H1182.1		8808	H1322		7774	H1535		7335	H1700		.7060
H1188		8800	H1323		7772	H1542		7380	H1701		.7052
H1189		8798	H1324		7764	H1542.5		7382	H1701.1		.7056
H1194		8796	H1324.4		7768	H1550		7376	H1703		.7032
H1196		8780	H1325.1		7756	H1551		7374	H1704		.7040
H1196.1		8784	H1326		7766	H1552		7368	H1704.1		.7044
H1196.5		8778	H1334		7750	H1556		7360	H1706		.7036
H1197.5		8792	H1348		7728	H1559		7358	H1708		.7038
H1202		8764	H1350		7724	H1562		7356	H1718		.7004
H1202.1		8768	H1352		7720	H1564		7402	H1727		.6988
H1202.3		8776	H1359		7703	H1564.2		7354	H1738		.6980
H1202.4		8776.1	H1360		7700	H1567		7312	H1740		.6978
H1208		8760	H1362		7680	H1567.1		7316	H1740.1		.6979
H1210		8752	H1372		7668	H1567.3		7328	H1752.2		.6972
H1210.1		8756	H1374		7664	H1567.31		7332	H1752.4		.6976
H1210.5		8757	H1375.1		7666	H1567.36		7400	H1754		.6960
H1216.1		8748	H1376		7660	H1567.37		7400.1	H1754.1		.6964
H1218		8736	H1378		7656	H1568		7320	H1756		.6956
H1222		8720	H1394		7632	H1568.1		7324	H1757		.6953
H1223		8740	H1394.1		7636	H1580		7276	H1762		.6944
H1223.2		8718	H1400		7640	H1580.1		7280	H1768		.6936
H1224		8724	H1400.1		7644	H1581.5		7291	H1770		.6940
H1228		8716	H1402		7648	H1581.51		7291.1	H1782		.6914
H1230		8688	H1402.1		7652	H1581.7		7273	H1798		.6906
H1230.1		8692	H1418.2		7592	H1581.71		7274	H1800		.6900
H1231		8684	H1418.5		7598	H1582		7284	H1808		.6884
H1232		8676	H1419		7597	H1582.4		7288	H1808.1		.6888
H1232.3		8672	H1424		7580	H1583		7300	H1811		.6892
H1232.35		8671	H1430		7581	H1584		7304	H1826		.6872
H1232.5		8668	H1440		7485	H1585		7305	H1828		.6868
H1234		8664	H1440.1		7486	H1585.1		7306	H1830		.6856
H1234.5		8662	H1446		7480	H1588		7272	H1830.1		.6860
H1236		8652	H1446.1		7484	H1590		7264	H1842		.6848
H1236.3		8653	H1452		7498	H1591.4		7256	H1846		.6840

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Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
H1846.1		6844	H1909.81		2972	H2043		6812	H2146		.6724
H1852		6836	H1910		2996	H2044		6820	H2148		.6732
H1853		6838	H1910.1		3000	H2048		6800	H2160		.6715.1
H1854		6837	H1910.4		2994	H2050		3304	H2160.1		.6715.2
H1864		3132	H1911		2992	H2050.5		3308	H2160.5		.6714
H1866		3136	H1914		3008	H2050.6		3312	H2160.6		.6715
H1870		3144	H1918		3012	H2051		3316	H2162		.6692
H1870.1		3148	H1918.1		3016	H2051.1		3320	H2164		.6684
H1878		3160	H1922		3020	H2052		3321	H2166		.3652
H1882		3164	H1922.1		3024	H2052.1		3322	H2167		.3662
H1884		3168	H1928		3028	H2054		3324	H2168		.3656
H1886		3172	H1928.1		3032	H2055		3325	H2172		.6664
H1887		2776	H1930		3036	H2056		3336	H2174		.6652
H1887.1		2780	H1930.1		3040	H2063		3348	H2182		.3660
H1889.5		2800	H1933		3046	H2064		3360	H2186		.3668
H1889.8		2804	H1934		3048	H2066		3364	H2187		.3670
H1890		2772	H1936		3052	H2066.1		3368	H2194		.3676
H1890.1		2808	H1936.1		3056	H2072		6776	H2202		.3680
H1890.2		2812	H1940		3088	H2074		6780	H2204		.3684
H1890.42		2816	H1940.1		3092	H2074.1		6784	H2206		.3696
H1890.44		2820	H1943		3080	H2084		6768	H2208		.3700
H1890.45		2824	H1943.1		3084	H2086		6764	H2218		.3688
H1890.5		2828	H1944		3104	H2088		3380	H2218.1		.3692
H1890.6		2832	H1946		3108	H2090		3388	H2226		.6600
H1890.61		2836	H1946.1		3112	H2090.1		3392	H2228		.6584
H1890.63		2829	H1950		3116	H2093		3396	H2238.2		.6546
H1890.7		2837	H1950.1		3120	H2096		6752	H2246		.6540
H1890.71		2838	H1958		3124	H2098		6744	H2250		.6528
H1890.74		2839	H1974		3184	H2098.1		6748	H2254		.3728
H1890.75		2839.5	H1974.1		3188	H2104		3432	H2255		.3740
H1890.77		2830	H1975		3176	H2106		3436	H2255.1		.3744
H1890.8		2844	H1978		3192	H2108		3456	H2256		.3756
H1891		2852	H1990		3196	H2112		3464	H2256.1		.3760
H1891.2		2856	H1991		3216	H2112.1		3468	H2259		.3772
H1891.3		2860	H1992		3220	H2113		3472	H2261		.3748
H1891.5		2864	H1992.5		3224	H2115		3460	H2261.1		.3752
H1891.6		2868	H1993		3228	H2118		3480	H2262		.3776
H1892		2848	H1994		3200	H2122		3484	H2262.1		.3780
H1894		2840	H1994.1		3204	H2124		3488	H2267		.3801
H1896		2876	H1994.2		3208	H2126		3500	H2267.1		.3802
H1896.1		2880	H1994.3		3209	H2128		3496	H2272		.6512
H1898		2872	H1994.34		3209.5	H2130		3492	H2274		.3836
H1899		2884	H1994.37		3211	H2131		3504	H2274.1		.3840
H1899.1		2888	H1994.4		3212	H2133		3508	H2278		.3812
H1899.4		2900	H1994.6		3234	H2136		3516	H2282		.3848
H1899.5		2904	H1994.61		3234.1	H2138		3520	H2284		.3852
H1899.7		2892	H1997.4		3244	H2140		3524	H2285		.3860
H1899.8		2896	H1997.41		3248	H2142		3532	H2285.1		.3864
H1899.9		2908	H1997.5		3249	H2142.2		3536	H2286		.3868
H1900		2916	H1997.6		3249.5	H2142.3		3540	H2286.1		.3872
H1900.4		2920	H1997.8		3250	H2142.31		3544	H2288		.3876
H1901		2912	H1997.81		3251	H2142.8		3564	H2290		.3884
H1902		2924	H1999		3272	H2143		3568	H2290.1		.3888
H1902.1		2928	H1999.1		3276	H2143.1		3572	H2293		.3900
H1903		2936	H2000		3264	H2143.3		3584	H2294		.3932
H1904		2932	H2001		3268	H2143.31		3588	H2294.1		.3936
H1906		2940	H2002		3256	H2143.4		3592	H2300		.3924
H1907		2948	H2002.1		3260	H2143.5		3596	H2300.1		.3928
H1907.1		2952	H2010		3280	H2143.6		3608	H2310		.3940
H1908		2988	H2027		3298	H2143.7		3612	H2310.1		.3942
H1909		2956	H2031		6824	H2143.9		3616	H2321		.3988
H1909.1		2960	H2032		6828	H2143.91		3620	H2323		.4004
H1909.7		2976	H2041.2		6817	H2144		3632	H2323.1		.4008
H1909.71		2980	H2041.3		6818	H2144.1		3636	H2323.3		.4012
H1909.8		2968	H2042		6816	H2145		3640	H2323.4		.4016

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
H2324		4020	H2401.1		4756	H2517.11		5708	H2606		6496
H2326		4028	H2402		4804	H2517.2		5692	H2608		6500
H2328		4029	H2402.1		4808	H2517.21		5696	H2673		6510
H2330		4032	H2404		4872	H2517.5		5648	H3342		9196
H2330.1		4036	H2405		4888	H2518		5668	H3344		9204
H2332		4048	H2405.1		4892	H2518.4		5702	H3348		9208
H2333.2		4082	H2408		4932	H2518.41		5703	H3348.1		9212
H2333.21		4086	H2408.1		4936	H2519		5646	H3358		9224
H2334		4096	H2409		4940	H2519.1		5647	H3359		9226
H2335.9	4104, 4116		H2409.1		4944	H2522.5		5748	H3360		9232
H2336		4108	H2410		4956	H2522.6		5788	H3362		9236
H2336.1		4112	H2411		4988	H2522.61		5792	H3364		9240
H2338		4130	H2414		5028	H2528		5800	H3364.1		9244
H2340		4124	H2414.1		5032	H2528.1		5804	H3368		9252
H2340.1		4128	H2416		5044	H2528.4		5796	H3372		9280
H2342		4148	H2416.1		5046	H2530		5816	H3376		9312
H2343		4180	H2422		5072	H2530.1		5820	H3380		9264
H2346		4204	H2422.1		5076	H2531		5840	H3384		9265
H2346.1		4208	H2424		5047	H2531.1		5844	H3386		9396
H2347		4192	H2424.1		5048	H2532		5872	H3388		9266
H2348		4228	H2426		5104	H2533		5928	H3392		9267
H2348.1		4232	H2426.1		5108	H2533.1		5932	H3396		9272
H2349		4244	H2450		5136	H2535		5888	H3398		9336
H2350		4236	H2450.1		5140	H2535.1		5892	H3398.1		9340
H2350.1		4240	H2451		5144	H2536		5900	H3399		9344
H2354		4284	H2451.1		5148	H2537		5920	H3399.1		9348
H2356		4308	H2452		5172	H2537.1		5924	H3401		9352
H2356.1		4312	H2452.1		5176	H2538		5984	H3404		9356
H2358		4316	H2453		5206	H2538.1		5988	H3406		9364
H2358.1		4320	H2454		5192	H2541		5992	H3416		9380
H2360		4332	H2454.1		5196	H2543		6064	H3419		9424
H2360.1		4336	H2456		5208	H2543.1		6068	H3419.1		9428
H2361		4356	H2458		5224	H2543.5		6069	H3421		9416
H2362		4340	H2458.1		5228	H2543.51		6071	H3421.1		9420
H2362.1		4344	H2460		5252	H2544		6088	H3422		9432
H2364		4348	H2460.1		5256	H2544.1		6092	H3423		9400
H2364.1		4352	H2470		5300	H2545		6120	H3423.1		9404
H2366		4424	H2470.1		5304	H2545.1		6124	H3425		9436
H2366.1		4428	H2472		5308	H2546		6132	H3425.1		9440
H2366.4		4460	H2472.1		5312	H2547		6146	H3426		9444
H2368		4436	H2476		5352	H2548		6152	H3426.1		9448
H2370		4472	H2476.1		5356	H2548.1		6156	H3427		9452
H2370.1		4476	H2478		5364	H2550		6096	H3427.1		9456
H2372		4480	H2478.1		5368	H2550.1		6100	H3430		9472
H2380		4528	H2480		5388	H2551		6184	H3432		8712
H2380.1		4532	H2480.1		5392	H2551.1		6188	H3433		8700
H2382		4544	H2482		5404	H2552		6180	H3434		9476
H2384		4588	H2482.1		5408	H2556		6228	H3434.1		9480
H2384.1		4592	H2484		5448	H2556.1		6232	H3436		8704
H2385		4614	H2484.1		5452	H2558		6256	H3436.1		8708
H2386		4608	H2486		5496	H2558.1		6260	H3456		9492
H2386.1		4612	H2486.1		5500	H2560		6240	H3458		9540
H2387		4560	H2487		5476	H2560.1		6244	H3460		9528
H2388		4624	H2487.1		5480	H2568		6288	H3460.1		9532
H2388.1		4628	H2490		5512	H2568.1		6292	H3462		9520
H2389		4656	H2490.1		5516	H2571		6316	H3462.1		9524
H2390		4636	H2496		5544	H2572		6324	H3464		9516
H2390.1		4640	H2496.1		5548	H2573		6332	H3464.5		9514
H2392		4680	H2497		5564	H2574		6336	H3465		9508
H2392.1		4684	H2497.1		5568	H2576		6372	H3465.1		9512
H2398		4732	H2499		5572	H2578		6412	H3468		9506
H2398.1		4736	H2499.1		5576	H2578.1		6416	H3471		9558
H2398.4		4728	H2506		5632	H2601		6452	H3472		9556
H2400		4748	H2517.04		5701	H2601.4		6464	H3474		9584
H2401		4752	H2517.1		5704	H2604		6492	H3476		9588

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
H3478	.....	9596	H3680	.....	10120	H3803.4	.....	10633	H4060	.....	11064
H3484	.....	9628	H3682	.....	10128	H3804	.....	10636	H4064	.....	11068
H3497	.....	9624	H3682.1	.....	10132	H3805	.....	10640	H4074	.....	11076
H3500	.....	9632	H3683	.....	10133	H3805.4	.....	10640.5	H4076	.....	11080
H3502	.....	9636	H3683.2	.....	10134	H3805.5	.....	10641	H4077	.....	11084
H3504	.....	9648	H3688	.....	10136	H3805.7	.....	10634	H4078	.....	11088
H3508	.....	9656	H3694	.....	10148	H3806	.....	10668	H4080	.....	11096
H3512	.....	9664	H3698	.....	10160	H3812	.....	10596	H4082	.....	11100
H3514	.....	9684	H3699	.....	10152	H3814	.....	10672	H4083	.....	11112
H3515	.....	9708	H3700	.....	10168	H3815	.....	10648	H4083.4	.....	11116
H3516	.....	9692	H3702	.....	10172	H3816	.....	10644	H4083.41	.....	11120
H3516.1	.....	9696	H3708	.....	10184	H3817	.....	10652	H4083.6	.....	11114
H3516.3	.....	9688	H3710	.....	10192	H3817.02	.....	10670	H4085.5	.....	11128
H3516.4	.....	9700	H3710.5	.....	10196	H3817.4	.....	10684	H4089	.....	11104
H3526	.....	9736	H3711	.....	10200	H3817.5	.....	10688	H4089.1	.....	11108
H3530	.....	9748	H3718	.....	10212	H3818	.....	10700	H4090	.....	11132
H3534	.....	9772	H3721	.....	10226	H3819	.....	10692	H4092	.....	11140
H3541	.....	9778	H3722	.....	10224	H3819.5	.....	10640.1	H4096	.....	11148
H3542	.....	9784	H3725	.....	10228	H3820	.....	10728	H4098	.....	11150
H3542.1	.....	9788	H3730	.....	10256	H3822	.....	10732	H4100	.....	11152
H3557	.....	9814	H3735	.....	10235	H3826	.....	10736	H4104	.....	11156
H3560	.....	9816	H3736	.....	10248	H3834	.....	10740	H4108	.....	11160
H3564	.....	9820	H3740	.....	10244	H3837	.....	10742	H4110	.....	11172
H3566	.....	9824	H3742	.....	10268	H3838	.....	10765	H4112	.....	11184
H3568	.....	9836	H3742.04	.....	10272	H3840	.....	10776	H4113	.....	11188
H3570	.....	9848	H3742.5	.....	10274	H3846	.....	10796	H4114	.....	11192
H3578	.....	9872	H3742.6	.....	10276	H3848	.....	10792	H4115	.....	11196
H3579	.....	9852	H3746	.....	10320	H3851	.....	10804	H4116.4	.....	11191
H3596	.....	9892	H3748	.....	10336	H3852	.....	10808	H4118	.....	11200
H3600	.....	9904	H3750	.....	10344	H3855	.....	10810	H4119	.....	11204
H3602	.....	9916	H3753	.....	10348	H3858	.....	10816	H4120	.....	11208
H3602.1	.....	9920	H3754	.....	10352	H3864	.....	10832	H4120.4	.....	11212
H3604	.....	9908	H3755	.....	10356	H3864.5	.....	10828	H4122	.....	11220
H3605	.....	9912	H3758	.....	10376	H3872	.....	10844	H4123	.....	11225
H3606	.....	9924	H3759.4	.....	10388	H3874	.....	10852	H4126	.....	11232
H3606.1	.....	9928	H3762	.....	10404	H3875	.....	10864	H4127	.....	11230
H3607	.....	9932	H3763	.....	10412	H3876	.....	10860	H4130	.....	11244
H3609	.....	9896	H3765	.....	10416	H3878	.....	10872	H4134	.....	11248
H3618	.....	9944	H3774	.....	10436	H3880	.....	10868	H4138	.....	11260
H3618.1	.....	9948	H3776	.....	10440	H3884	.....	10880	H4138.6	.....	11304
H3630	.....	9952	H3778	.....	10452	H3885	.....	10884	H4139	.....	11308
H3631	.....	9966	H3779	.....	10460	H3887	.....	10892	H4140	.....	11310
H3632	.....	9968	H3780	.....	10464	H3888	.....	10896	H4144	.....	11280
H3644	.....	9980	H3781	.....	10468	H3890	.....	10908	H4145	.....	11276
H3650	.....	10004	H3782	.....	10484	H3892	.....	10916	H4146	.....	11264
H3651	.....	10008	H3784	.....	10508	H3896	.....	10936	H4146.4	.....	11272
H3651.4	.....	10012	H3784.4	.....	10496	H3906	.....	10940	H4147	.....	11316
H3652	.....	10016	H3785	.....	10528	H3908	.....	10944	H4148	.....	11312
H3655	.....	10024	H3785.4	.....	10524	H3914	.....	10946	H4150	.....	11324
H3657	.....	10036	H3785.6	.....	10520	H3916	.....	10948	H4152	.....	11328
H3658	.....	10028	H3786	.....	10532	H3918	.....	10952	H4154	.....	11332
H3659	.....	10032	H3786.2	.....	10536	H3919	.....	10956	H4155	.....	11334
H3660	.....	10040	H3787.41	.....	10494	H3926	.....	10964	H4156	.....	11336
H3661	.....	10044	H3787.5	.....	10492	H3928	.....	10968	H4157.4	.....	11344
H3663	.....	10060	H3788	.....	10540	H3930	.....	10972	H4161	.....	11356
H3664	.....	10064	H3790	.....	10560	H3932	.....	10976	H4166	.....	11360
H3665	.....	10068	H3793	.....	10548	H3934	.....	10984	H4168	.....	11364
H3666	.....	10070	H3793.6	.....	10544	H3938	.....	10980	H4170	.....	11376
H3666.5	.....	10072	H3794	.....	10588	H3942	.....	10988	H4170.4	.....	11380
H3667	.....	10076	H3795	.....	10584	H3950	.....	11004	H4171	.....	11372
H3670	.....	10088	H3796	.....	10576	H3952	.....	11044	H4172	.....	11392
H3672	.....	10092	H3796.2	.....	10572	H3954	.....	11048	H4174	.....	11384
H3674	.....	10112	H3797	.....	10582	H3956	.....	11008	H4175	.....	11388
H3676	.....	10100	H3798.4	.....	10608	H3957	.....	11010	H4178	.....	11400
H3677	.....	10104	H3800	.....	10632	H4032	.....	11052	H4178.3	.....	11398

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
H4180		11424	J4259.4		15331	J4341.8		15489.3	J4416.16		15629.1
H4181.5		11420	J4259.5		15332	J4341.82		15489.4	J4416.5		15623.01
H4184		11428	J4260		15336	J4348		15492	J4416.55		15623.02
H4186		11436	J4261		15340	J4352		15496	J4416.6		15623.03
H4188		11416	J4261.2		15344	J4353		15500	J4416.65		15623.04
H4192		11444	J4262		15348	J4354		15504	J4417.01		15623.05
J3060		11608	J4266		15352	J4355.5		15505	J4417.02		15623.06
J4229.5		15203	J4268		15354	J4356.2		15505.5	J4417.03		15623.07
J4229.55		15203.2	J4270		15360	J4358		15571	J4417.04		15623.08
J4230		15203.1	J4270.2		15364	J4358.1		15572	J4417.05		15623.09
J4230.2		15203.15	J4271		15356	J4358.3		15506.5	J4417.07		15623.1
J4230.4		15206	J4271.5		15356.1	J4358.6		15506	J4417.082		15625
J4230.5		15207	J4272		15368	J4358.7		15507	J4417.09		15627
J4231		15208	J4273		15368.1	J4358.9		15508	J4417.1		15627.1
J4231.5		15209.1	J4273.5		15372.2	J4358.95		15510	J4418		15632
J4231.6		15209.2	J4274		15372	J4364		15576	J4418.2		15632.3
J4231.9		15211	J4275		15376.1	J4368		15580	J4418.21		15632.4
J4232		15212	J4276		15376	J4372		15512	J4418.3		15632.2
J4232.5		15213	J4277		15380.2	J4372.1		15516	J4418.4		15632.1
J4233		15214	J4278		15380	J4372.7		15517	J4418.7		15634
J4233.2		15214.2	J4279		15382	J4372.8		15517.5	J4419		15636
J4233.25		15214.3	J4279.55		15382.2	J4373		15518	J4419.2		15636.3
J4233.4		15214.4	J4279.7		15382.5	J4373.05		15519	J4419.21		15636.4
J4233.41		15214.45	J4282		15388	J4374		15520	J4419.3		15636.2
J4233.5		15214.5	J4284		15384	J4378		15528	J4419.4		15636.1
J4233.6		15214.6	J4286		15392	J4384		15536	J4420		15640
J4233.62		15215	J4286.1		15392.1	J4384.1		15540	J4421		15644
J4233.63		15215.1	J4286.31		15395	J4385		15532	J4421.5		15644.1
J4234		15216	J4286.4		15392.5	J4386		15544	J4421.6		15644.2
J4235		15215.5	J4286.41		15392.6	J4386.2		15544.6	J4421.9		15645
J4235.1		15215.51	J4297		15396	J4386.3		15544.3	J4422		15648
J4236		15220	J4297.2		15397	J4388		15548	J4422.5		15650
J4238		15224	J4298		15393	J4390		15554	J4422.51		15650.1
J4238.1		15228	J4298.1		15394	J4390.5		15554.1	J4422.7		15649.1
J4240		15232	J4299.5		15395.6	J4392		15552	J4422.8		15649
J4241		15236	J4299.6		15395.5	J4395		15562.25	J4424.5		15661
J4241.4		15240	J4300		15406	J4395.2		15562.4	J4424.51		15661.1
J4242		15244	J4300.5		15407	J4395.3		15562.3	J4426		15652
J4243		15248	J4308		15412	J4396		15556	J4427		15656
J4244		15252	J4310		15408	J4396.1		15560	J4427.3		15657
J4244.4		15256	J4311		15415	J4397		15562.2	J4427.31		15657.1
J4245		15260	J4312		15418	J4397.2		15562.1	J4428		15664
J4246		15264	J4313		15420.2	J4400		15564	J4430		15668
J4246.1		15264.1	J4314		15420	J4403		15584	J4430.5		15669
J4247		15266	J4315.5		15424.2	J4403.1		15585	J4431		15670
J4247.6		15267.1	J4316		15424	J4404		15588	J4431.5		15684
J4249		15280	J4317		15428	J4404.2		15588.3	J4432		15672
J4249.5		15284	J4317.2		15432	J4404.4		15588.2	J4433		15676
J4250		15276	J4317.6		15437	J4404.5		15588.1	J4433.1		15680
J4253		15288	J4318		15436	J4406		15592	J4435		15688
J4253.2		15290	J4318.5		15439	J4409		15604	J4436		15692
J4254		15292	J4319		15440	J4409.4		15635.5	J4436.1		15692.1
J4255		15304	J4324		15444	J4409.6		15635	J4436.3		15694
J4256		15296	J4325		15445	J4410		15610	J4436.5		15696
J4256.4		15297	J4325.5		15446	J4410.5		15611	J4437		15700
J4257		15300	J4326		15452	J4411		15617	J4438		15704
J4257.4		15301	J4330		15456	J4411.1		15617.1	J4440		15708
J4258		15305	J4332		15460	J4411.3		15618	J4440.5		15712
J4258.1		15306	J4336		15464	J4411.5		15619	J4441		15716
J4259		15308	J4337		15480	J4412		15600	J4441.5		15717
J4259.1		15312	J4338		15476	J4414		15596	J4441.55		15718
J4259.2		15316	J4339		15468	J4416		15620	J4441.56		15718.5
J4259.21		15316.1	J4339.1		15472	J4416.1		15630	J4441.6		15719
J4259.3		15317	J4340		15484	J4416.15		15629	J4441.62		15719.5
J4259.32		15318	J4340.1		15488				J4441.7		15720

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
J4442		15724	J4545		11741	J4636		11980	J4656		12088
J4443.1		15732	J4546		11742	J4636.1		11984	J4656.1		12092
J4445		15728	J4547		11686	J4639		11992	J4657.4		12086
J4445.2		15735	J4550		11668	J4640		11988	J4658		12096
J4445.25		15735.5	J4560		11776	J4641.3		12001	J4662		12108
J4446		15744	J4562		11780	J4641.4		12002	J4664		12100
J4447		15736	J4565		11784	J4642		12000.5	J4668		12104
J4447.2		15740	J4566		11788	J4642.2		12004	J4669		12112
J4448		15748	J4568		11796	J4642.21		12008	J4669.4		12112.5
J4450		15752	J4570		11792	J4642.25		12001.5	J4669.6		12112.7
J4450.5		15756	J4572		11800	J4642.3		12016	J4669.7		12112.9
J4450.7		15760	J4575		11804	J4642.32		12020	J4670.8		12114
J4450.9		15764	J4576		11808	J4642.34		12024	J4674		12172
J4451		15768	J4578		11812	J4642.4		12028	J4675		12176
J4452		15776	J4580		11816	J4642.5		12026	J4675.5		12188
J4453		15772	J4581		11820	J4642.6		12030	J4676		12180
J4454		15778	J4582		11824	J4643.4		12012	J4677		12184
J4455		15782	J4583		11828	J4644		12036	J4678		12200
J4456		15780	J4584		11832	J4644.1		12040	J4680		12192
J4456.5		15784	J4585		11832.1	J4644.3		12044	J4681		12196
J4456.7		15792	J4586		11833	J4644.4		12044.4	J4682		12204
J4457		15788	J4586.1		11833.1	J4644.5		12044.8	J4686		12168
J4462		15796	J4587.6		11834	J4644.6		12045	J4688		12164
J4466		15797	J4588		11835	J4644.7		12045.2	J4691		12162
J4469		15800	J4589		11836	J4644.8		12045.6	J4692		12160
J4471		11684	J4589.4		11837	J4644.9		12046	J4694		12136
J4471.3		11620	J4589.8		11837.1	J4645		12048	J4696		12144
J4471.5		11624	J4590.4		11837.2	J4645.1		12048.4	J4698		12148
J4472		11616	J4591		11838	J4645.2		12048.8	J4700		12140
J4476		11640	J4591.1		11838.1	J4645.3		12049	J4701		12152
J4476.5		11644	J4593		11841	J4645.4		12049.4	J4702		12156
J4477		11632	J4593.2		11841.1	J4646		12032	J4704		12208
J4478		11636	J4593.5		11844	J4647		12052	J4705		12158
J4479		11646	J4594.4		11852	J4648		12056	J4708		12212
J4481		11648	J4594.44		11856	J4648.2		12056.1	J4712		12220
J4482		11664	J4595		11880	J4648.22		12056.4	J4716		12228
J4489		11688	J4595.1		11884	J4648.25		12056.2	J4718		12236
J4490		11680	J4596		11864	J4648.27		12056.6	J4722		12116
J4491		11712	J4596.6		11872	J4648.3		12060.2	J4724		12120
J4492		11696	J4596.8		11868	J4648.31		12060.4	J4726		12128
J4493		11700	J4598		11888	J4648.32		12060.6	J4728		12124
J4493.5		11698	J4600		11892	J4648.321		12060.8	J4730		12132
J4494		11704	J4602		11896	J4648.322		12061	J4732		12248
J4495		11708	J4604		11924	J4648.323		12061.2	J4734		12244
J4498		11760	J4606		11928	J4648.324		12061.4	J4736		12256
J4499		11761	J4608		11920	J4648.325		12061.6	J4737		12252
J4501		11755	J4610		11916	J4648.326		12061.8	J4738		12288
J4501.1		11755.2	J4613		11912	J4648.327		12062	J4740		12292
J4503		11753	J4616		11904	J4648.328		12062.2	J4744		12284
J4506		11752	J4618		11908	J4648.329		12062.4	J4745		12285
J4508		11748	J4620		11900	J4648.33		12062.6	J4748		12240
J4509		11768	J4624		11940	J4648.331		12062.8	J4750		12260
J4514		11732	J4624.2		11944	J4648.5		12064	J4752		12264
J4518		11729	J4624.5		11936	J4648.7		12068	J4753		12268
J4520		11728	J4625		11948	J4648.75		12068.2	J4754		12272
J4524		11716	J4626		11952	J4648.751		12068.4	J4758		12280
J4531		11743	J4627		11956	J4648.752		12068.6	J4760		12276
J4532		11744	J4628		11960	J4648.753		12068.8	J4764		12328
J4537		11750	J4628.5		11960.5	J4648.754		12069	J4766		12332
J4539		11676	J4629		11964	J4648.755		12069.2	J4768		12336
J4540		11672	J4630		11933	J4648.756		12069.4	J4772		12340
J4542		11764	J4632		12072	J4649		12060	J4774		12344
J4542.5		11733	J4634		11976	J4650		12076	J4778		12304
J4543		11740	J4635		11968	J4654		12080	J4779		12308
J4544		11736	J4635.1		11972	J4655		12084	J4780		12312

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
J4782	.....	12324	J4867.5	.....	12613	J4938.9	.....	12860	J5035.8	.....	13080
J4786	.....	12316	J4868	.....	12616	J4939	.....	12856	J5035.9	.....	13082
J4788	.....	12320	J4872	.....	12620	J4939.1	.....	12864	J5036	.....	13084
J4792	.....	12296	J4875	.....	12628	J4942	.....	12872	J5036.3	.....	13088
J4794	.....	12300	J4875.2	.....	12632	J4944	.....	12884	J5036.6	.....	13100
J4798	.....	12352	J4875.4	.....	12636	J4945	.....	12886	J5037	.....	13104
J4800	.....	12348	J4875.41	.....	12640	J4946	.....	12892	J5038	.....	13096
J4802	.....	12356	J4875.6	.....	12641	J4948	.....	12894	J5039	.....	13092
J4804	.....	12360	J4875.7	.....	12642	J4950	.....	12896	J5041	.....	13108
J4806.6	.....	12384	J4875.8	.....	12643	J4952	.....	12900	J5043	.....	13110
J4806.8	.....	12380	J4875.9	.....	12644.5	J4954	.....	12904	J5046	.....	13112
J4807	.....	12388	J4876.2	.....	12645	J4956	.....	12908	J5048	.....	13154
J4808	.....	12392	J4876.3	.....	12646	J4958	.....	12912	J5052	.....	13164
J4809	.....	12396	J4877	.....	12647	J4960	.....	12916	J5052.1	.....	13168
J4809.4	.....	12400	J4877.2	.....	12647.5	J4962	.....	12920	J5052.4	.....	13169
J4810	.....	12404	J4879	.....	12648	J4964	.....	12924	J5052.8	.....	13170
J4811	.....	12405	J4880	.....	12656	J4964.1	.....	12928	J5054	.....	13172
J4811.5	.....	12406	J4881	.....	12660	J4964.6	.....	12940	J5055	.....	13176
J4812	.....	12408	J4881.1	.....	12660.5	J4965	.....	12942	J5055.3	.....	13177
J4814	.....	12420	J4881.3	.....	12661	J4966	.....	12944	J5055.35	.....	13178
J4816	.....	12428	J4882	.....	12664	J4967	.....	12945	J5055.5	.....	13194
J4818	.....	12432	J4883	.....	12668	J4968	.....	12945.2	J5056	.....	13178.2
J4819	.....	13712	J4883.7	.....	12668.1	J4969	.....	12946	J5057	.....	13178.4
J4820	.....	12436	J4886	.....	12672	J4969.4	.....	12946.2	J5059	.....	13179
J4822	.....	12440	J4888	.....	12676	J4970	.....	12947	J5060.4	.....	13180
J4823	.....	12448	J4894	.....	12684	J4971	.....	12947.2	J5061	.....	13184
J4823.5	.....	12452	J4896	.....	12688	J4972	.....	12947.4	J5062	.....	13192
J4824	.....	12456	J4896.6	.....	12689	J4975	.....	12948	J5062.4	.....	13196
J4824.5	.....	12464	J4897.3	.....	12696	J4980.53	.....	12948.52	J5063	.....	13204
J4826	.....	12460	J4897.4	.....	12700	J4980.6	.....	12948.54	J5064	.....	13212
J4827	.....	12472	J4897.6	.....	12712	J4980.63	.....	12948.56	J5066.3	.....	13208
J4827.5	.....	12468	J4899	.....	12720	J4981	.....	12948.62	J5066.6	.....	13216
J4827.8	.....	12476	J4899.3	.....	12728	J4981.2	.....	12948.64	J5068	.....	13220
J4827.9	.....	12480	J4899.5	.....	12732	J4984	.....	12948.7	J5068.6	.....	13222
J4828	.....	12484	J4900	.....	12716	J4988	.....	12952	J5068.8	.....	13224
J4832	.....	12504	J4902	.....	12736	J4990	.....	12956	J5069	.....	13228
J4833	.....	12505	J4904	.....	12746	J4990.1	.....	12960	J5069.4	.....	13249
J4833.1	.....	12505.2	J4905	.....	12748	J4992	.....	12964	J5069.5	.....	13250
J4836	.....	12512	J4906	.....	12752	J4993	.....	12968	J5069.6	.....	13251
J4838	.....	12516	J4908	.....	12756	J4994	.....	12972	J5070	.....	13244
J4840	.....	12542	J4908.08	.....	12758.2	J4995	.....	12976	J5071	.....	13248
J4841	.....	12542.5	J4909	.....	12759	J4996	.....	12978	J5071.5	.....	13248.5
J4842	.....	12528	J4913	.....	12772	J5012	.....	12980	J5072	.....	13264
J4842.5	.....	12540	J4914	.....	12784	J5013	.....	12988	J5072.2	.....	13242, 13265
J4843	.....	12536	J4915	.....	12776	J5013.1	.....	12992	J5072.4	.....	13272
J4843.5	.....	12544	J4916	.....	12780	J5015.5	.....	12996	J5072.6	.....	13276
J4845	.....	12561	J4917	.....	12788	J5016	.....	13000	J5072.8	.....	13280
J4845.1	.....	12561.5	J4918	.....	12800	J5018	.....	13008	J5073.2	.....	13240
J4846	.....	12552	J4920	.....	12792	J5020	.....	13012	J5073.4	.....	13236
J4847	.....	12556	J4922	.....	12804	J5021	.....	13016	J5073.5	.....	13236.5
J4847.1	.....	12560	J4923	.....	12806	J5022.5	.....	13017	J5073.6	.....	13237
J4847.6	.....	12562	J4923.5	.....	12806.5	J5024	.....	13020	J5073.65	.....	13237.5
J4848	.....	12564	J4924	.....	12807	J5025	.....	13032	J5073.7	.....	13238
J4849	.....	12565	J4926	.....	12808	J5026.1	.....	13028	J5074.12	.....	13254
J4849.4	.....	12565.6	J4928	.....	12812	J5029	.....	13033.4	J5074.22	.....	13255
J4854	.....	12572	J4930	.....	12816	J5032	.....	13036	J5076	.....	13284
J4855	.....	12576	J4930.1	.....	12820	J5032.2	.....	13040	J5077	.....	13340
J4857	.....	12580	J4931	.....	12824	J5033	.....	13044	J5078	.....	13284.5
J4858	.....	12585	J4932	.....	12828	J5034	.....	13048	J5078.2	.....	13284.6
J4859	.....	12597	J4933	.....	12832	J5034.1	.....	13052	J5078.6	.....	13288
J4859.1	.....	12598	J4933.1	.....	12836	J5034.3	.....	13056	J5078.7	.....	13286
J4860	.....	12590	J4934	.....	12840	J5035	.....	13064	J5078.8	.....	13292
J4860.1	.....	12592	J4934.1	.....	12844	J5035.2	.....	13068	J5079	.....	13296
J4862	.....	12600	J4936	.....	12848	J5035.4	.....	13072	J5080	.....	13300
J4867	.....	12612	J4936.1	.....	12852	J5035.6	.....	13076	J5080.2	.....	13304

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
J5081.6		13328	J5108		13552	J5232		13716	J5325.5		14052
J5081.8		13316	J5114		13556	J5233		13733	J5325.82		14054
J5082		13332	J5116		13560	J5233.1		13734	J5326		14056
J5082.4		13336	J5120		13566	J5236		13736	J5327		14112
J5082.45		13336.5	J5121		13569	J5237		13740	J5327.9		14080
J5082.6		13306	J5121.5		13570	J5238		13744	J5328		14072
J5082.7		13308	J5122		13571	J5240		13748	J5329		14084
J5083		13312	J5122.5		13571.1	J5244		14144	J5332		14088
J5083.2		13314	J5123		13571.2	J5249		13772	J5332.1		14092
J5083.3		13334	J5125.05		13575.7	J5249.5		13773	J5340		14116
J5083.7		13338	J5128		13568	J5250		13756	J5340.1		14120
J5084		13344	J5128.1		13573	J5250.1		13760	J5341		14124
J5084.5		13356	J5128.2		13573.1	J5250.4		13764	J5347		14149
J5084.6		13358	J5128.3		13573.2	J5250.41		13768	J5352		14148
J5084.65		13359	J5128.4		13573.3	J5251		13770	J5356		13864
J5084.7		13359.5	J5128.5		13573.4	J5251.1		13771	J5368		14156
J5084.8		13364	J5128.6		13573.5	J5252		13775.5	J5370		14158
J5090		13380	J5128.7		13573.6	J5252.4		13775	J5376		14160
J5090.05		13382	J5128.8		13573.7	J5253		13776	J5380		14164
J5090.09		13383	J5128.9		13573.8	J5254.1		13782.2	J5382		14168
J5090.2		13388	J5129		13575.5	J5254.2		13782.4	J5384		14184
J5090.25		13392	J5130		13572	J5254.3		13782.6	J5386		14172
J5090.3		13396	J5130.5		13574	J5255		13778	J5388		14182
J5090.35		13398	J5130.6		13575	J5255.1		13778.1	J5390		14192
J5090.4		13400	J5136		13576	J5256		13784	J5392		14204
J5090.45		13404	J5138		13580	J5256.1		13788	J5392.1		14208
J5090.5		13406	J5143		13622	J5260		13804	J5399		14212
J5090.55		13420	J5144		13616	J5260.1		13808	J5399.1		14216
J5090.6		13424	J5145		13608	J5260.4		13809	J5402		14220
J5091		13428	J5145.2		13612	J5260.5		13810	J5404		14224
J5091.2		13432	J5146		13604	J5266		13828	J5406		14228
J5091.5		13436	J5148		13600	J5272		13832	J5408		14230
J5092		13440	J5157		13596	J5275		13844	J5411.4		14231.9
J5092.2		13444	J5160		13656	J5275.1		13848	J5412		14234
J5092.3		13448	J5161		13652	J5276		13836	J5414		14232
J5092.4		13452	J5162		13660	J5276.1		13840	J5422		14240
J5092.6		13456	J5164		13664	J5278		13856	J5424		14244
J5092.8		13460	J5166		13647	J5282		13860	J5426		14248
J5093		13464	J5167		13647.1	J5292		13912	J5430		14260
J5094		13468	J5168		13648	J5293		13914	J5431.1		14265
J5095		13488	J5169		13649	J5294		13908	J5432		14270
J5096		13492	J5174		13672	J5295		14060	J5434		14272
J5097		13472	J5176		13676	J5295.95		13928	J5438		14280
J5097.1		13476	J5190		13618	J5296		13932	J5440		14284
J5097.2		13480	J5191		13619	J5296.1		13933	J5440.5		14288
J5097.21		13484	J5192		13623	J5296.4		13934	J5442		14292
J5097.3		13496	J5192.6		13628	J5297		13924	J5444		14296
J5097.31		13500	J5192.8		13632	J5300		13940	J5444.5		14298
J5097.4		13508	J5193		13634	J5301.4		13948	J5445		14300
J5097.41		13512	J5193.2		13635	J5302		13956	J5446		14304
J5097.5		13470	J5193.5		13630	J5304		13952	J5447		14308
J5099		13518	J5194		13636	J5306		13960	J5448		14312
J5099.2		13518.2	J5197		13638	J5307		13964	J5454		14324
J5099.4		13518.4	J5200		13644	J5307.5		13962	J5456.8		14333
J5099.6		13518.6	J5202		13678	J5308		13976	J5457		14336
J5102		13536	J5203		13680	J5309		13984	J5458		14344
J5104		13524	J5203.4		13684	J5310		13992	J5458.1		14348
J5104.2		13532	J5204		13688	J5312		13980	J5463		14352
J5105		13540	J5204.4		13692	J5313		13988	J5466		14360
J5106		13544	J5204.6		13696	J5314		13996	J5468		14364
J5106.2		13544.1	J5204.8		13700	J5316		14004	J5470		14368
J5106.5		13545	J5210		13708	J5317		14000	J5480		14392
J5106.6		13546	J5222		13720	J5318		14040	J5482		14388
J5106.65		13547	J5226		13724	J5325		14044	J5484		14404
J5107		13548	J5231		13728	J5325.3		14048	J5486		14412



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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
J5488	.....	14416	J5656.8	.....	14722	J5736.4	.....	14870	J5804	.....	15096
J5490	.....	14420	J5657.5	.....	14730	J5736.45	.....	14871	J5805	.....	15104
J5491	.....	14424	J5657.6	.....	14731	J5736.5	.....	14872	J5806	.....	15100
J5492	.....	14432	J5657.7	.....	14731.5	J5738.5	.....	14862	J5806.5	.....	15102
J5492.6	.....	14428	J5658	.....	14732	J5739	.....	14873	J5807	.....	15108
J5494	.....	14436	J5659	.....	14728	J5739.5	.....	14874	J5809.2	.....	15116
J5496	.....	14440	J5662.3	.....	14727	J5743	.....	14878	J5809.4	.....	15116.4
J5496.1	.....	14444	J5662.5	.....	14727.5	J5746	.....	14904	J5809.6	.....	15116.6
J5518	.....	14456	J5664	.....	14736	J5748	.....	14908	J5811	.....	15120
J5518.1	.....	14460	J5666	.....	14737.5	J5750	.....	14912	J5812.5	.....	15125
J5520	.....	14452	J5667.3	.....	14738	J5752	.....	14916	J5812.54	.....	15122
J5524	.....	14468	J5667.38	.....	14739.3	J5752.1	.....	14920	J5812.56	.....	15122.1
J5528	.....	14464	J5667.4	.....	14739.6	J5760.4	.....	14926	J5812.6	.....	15125.2
J5532	.....	14509	J5668	.....	14740	J5760.8	.....	14925	J5812.65	.....	15125.4
J5533	.....	14510	J5668.5	.....	14742	J5770	.....	14929	J5813.8	.....	15126
J5540.8	.....	14508	J5672	.....	14752	J5772	.....	14932	J5813.82	.....	15127
J5545	.....	14512	J5673.13	.....	14755.4	J5772.23	.....	14932.3	J5814	.....	15128
J5552	.....	14520	J5673.14	.....	14755.6	J5772.25	.....	14932.6	J5815	.....	15076
J5556	.....	14524	J5673.21	.....	14754	J5772.3	.....	14933	J5815.4	.....	15072
J5560	.....	14536	J5673.8	.....	14757	J5772.31	.....	14933.1	J5816	.....	15068
J5564	.....	14540	J5674	.....	14756	J5772.5	.....	14934	J5816.2	.....	15068.2
J5564.1	.....	14544	J5675	.....	14745	J5773	.....	14936	J5816.4	.....	15068.4
J5569.8	.....	14548	J5677	.....	14758	J5773.5	.....	14937	J5816.6	.....	15068.6
J5569.9	.....	14550	J5678	.....	14760	J5774	.....	14937.1	J5817	.....	15064
J5569.91	.....	14551	J5678.4	.....	14761	J5775	.....	14937.05	J5817.1	.....	15082
J5574	.....	14564	J5686	.....	14765	J5776	.....	14940	J5817.15	.....	15084
J5574.1	.....	14568	J5687.5	.....	14766.5	J5777	.....	14944	J5817.2	.....	15092
J5578	.....	14572	J5688	.....	14767	J5780	.....	14948	J5817.4	.....	15088
J5582	.....	14596	J5688.2	.....	14767.2	J5782	.....	14984	J5817.5	.....	15093
J5582.1	.....	14600	J5690	.....	14768	J5784	.....	14960	J5818	.....	15080
J5592	.....	14497	J5694	.....	14772	J5784.1	.....	14964	J5819	.....	15160
J5594	.....	14496	J5695	.....	14774	J5785.6	.....	14981	J5819.1	.....	15158
J5601	.....	14472	J5695.1	.....	14776	J5785.8	.....	14980	J5819.2	.....	15156
J5604	.....	14488	J5696	.....	14784	J5787	.....	14983	J5819.4	.....	15152
J5608	.....	14480	J5698	.....	14792	J5787.4	.....	14983.5	J5819.5	.....	15154
J5610	.....	14604	J5698.1	.....	14796	J5789	.....	14988	J5819.6	.....	15140
J5618	.....	14624	J5698.5	.....	14800	J5790	.....	14992	J5820	.....	15149
J5618.1	.....	14628	J5698.51	.....	14804	J5790.5	.....	14996	J5820.1	.....	15150
J5628	.....	14632	J5699.5	.....	14798	J5790.6	.....	15060	J5820.4	.....	15148.2
J5629	.....	14636	J5700	.....	16851	J5790.8	.....	15062	J5820.5	.....	15148.4
J5630	.....	14644	J5702	.....	14880	J5790.85	.....	15063	J5821	.....	15144
J5631	.....	14648	J5704	.....	14888	J5790.86	.....	15063.1	J5821.1	.....	15148
J5632	.....	14652	J5705	.....	14882	J5790.9	.....	15062.4	J5821.3	.....	15151
J5632.5	.....	14702	J5705.2	.....	14882.5	J5790.95	.....	15062.6	J5821.8	.....	15136
J5633	.....	14700	J5706	.....	14884	J5791	.....	15000	J5821.85	.....	15137
J5634	.....	14694	J5710	.....	14896	J5792	.....	15004	J5822	.....	15151.6
J5635	.....	14696	J5712	.....	14892	J5793	.....	15016	J5822.1	.....	15151.65
J5635.1	.....	14696.1	J5715	.....	14834	J5793.1	.....	15020	J5822.4	.....	15151.7
J5635.3	.....	14697.5	J5716	.....	14836	J5793.5	.....	15021	J5823	.....	15151.8
J5635.4	.....	14697	J5718	.....	14840	J5794	.....	15008	J5824	.....	15150.1
J5635.7	.....	14698	J5722	.....	14844	J5795	.....	15024	J5824.2	.....	15150.2
J5636	.....	14708	J5723	.....	14848	J5795.1	.....	15024.5	J5825	.....	15150.3
J5636.5	.....	14699	J5723.5	.....	14850	J5795.3	.....	15026	J5825.2	.....	15150.4
J5637	.....	14704	J5724	.....	14812	J5795.31	.....	15026.1	J5827	.....	15132
J5638	.....	14688	J5725	.....	14816	J5795.5	.....	15028	J5830.2	.....	15174
J5639.2	.....	14660	J5725.1	.....	14820	J5798	.....	15048	J5830.3	.....	15161
J5640	.....	14656	J5727	.....	14828	J5799	.....	15036	J5830.5	.....	15162
J5642	.....	14664	J5728	.....	14825	J5800	.....	15040	J5830.7	.....	15164
J5642.1	.....	14668	J5730	.....	14832	J5800.1	.....	15044	J5834.2	.....	15177
J5646	.....	14672	J5731	.....	14852	J5800.2	.....	15044.5	J5834.3	.....	15177.1
J5647.17	.....	14674	J5734	.....	14860	J5800.4	.....	15045	J5834.4	.....	15178
J5647.5	.....	14673	J5736	.....	14864	J5800.6	.....	15045.5	J5834.5	.....	15178.1
J5649	.....	14692	J5736.1	.....	14868	J5800.7	.....	15046	J5837	.....	15180
J5650	.....	14712	J5736.2	.....	14868.5	J5801	.....	15052	J5837.2	.....	15182
J5656.5	.....	14720	J5736.3	.....	14869	J5802	.....	15056	J5837.4	.....	15183

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
J5838	.....	15184	J5894.3	.....	16169	J5990	.....	16410	J6094.1	.....	.16608
J5839	.....	15196	J5894.31	.....	16169.5	J5990.1	.....	16411	J6098	.....	.16604
J5839.1	.....	15196.1	J5895	.....	16152	J5992	.....	16424	J6102	.....	.16600
J5839.8	.....	15197	J5896	.....	16156	J5994	.....	16428	J6112	.....	.16605
J5839.9	.....	15197.2	J5897	.....	16157	J5994.1	.....	16431	J6123	.....	.16606.1
J5840.1	.....	15197.4	J5900	.....	16148	J5994.11	.....	16431.5	J6124	.....	.16606.2
J5840.3	.....	15197.8	J5903	.....	16140	J5997	.....	16432	J6124.5	.....	.16606.3
J5840.4	.....	15198	J5903.1	.....	16144	J5999	.....	16440	J6125	.....	.16606.4
J5841.5	.....	15200	J5908	.....	16132	J6002	.....	16447	J6126	.....	.16606.5
J5841.54	.....	15200.05	J5908.5	.....	16133	J6003	.....	16448	J6127	.....	.16606.6
J5841.58	.....	15200.1	J5908.6	.....	16133.5	J6006	.....	16445	J6129	.....	.16606.7
J5841.6	.....	15201	J5908.7	.....	16134	J6006.1	.....	16446	J6130	.....	.16606.8
J5841.7	.....	15202	J5908.71	.....	16134.5	J6007	.....	16460	J6131.1	.....	.16608.5
J5841.8	.....	15202.5	J5909.5	.....	16118	J6008.2	.....	16461	J6132	.....	.16612
J5842	.....	16266	J5911	.....	16117	J6009.6	.....	16473	J6132.1	.....	.16616
J5842.5	.....	16265	J5912	.....	16116	J6009.7	.....	16457	J6132.2	.....	.16620
J5843	.....	16264.7	J5912.5	.....	17230	J6010	.....	16476	J6133	.....	.16593
J5843.5	.....	16264.5	J5913	.....	16112	J6010.5	.....	16477	J6133.2	.....	.16594
J5844	.....	16264	J5913.4	.....	16111	J6012	.....	16478	J6133.6	.....	.16595
J5844.5	.....	16267.5	J5913.5	.....	16110	J6013	.....	16479	J6133.61	.....	.16596
J5845	.....	16267	J5914	.....	16109	J6014	.....	16483	J6134	.....	.16621
J5846	.....	16256	J5915	.....	16108	J6016	.....	16480	J6134.1	.....	.16621.1
J5846.1	.....	16260	J5930	.....	16268	J6018	.....	16481	J6134.2	.....	.16622
J5848	.....	16252	J5934	.....	16288	J6020	.....	15818	J6134.21	.....	.16622.1
J5848.5	.....	16250	J5936	.....	16292	J6024	.....	15816	J6134.3	.....	.16622.5
J5850	.....	16248	J5937	.....	16296	J6028	.....	15820	J6134.36	.....	.16622.7
J5851	.....	16244	J5937.5	.....	16300	J6030	.....	15821	J6134.38	.....	.16622.8
J5852	.....	16240	J5940	.....	16280	J6034	.....	15824	J6134.6	.....	.16623
J5856	.....	16236	J5942	.....	16284	J6038	.....	15828	J6134.8	.....	.16623.1
J5858	.....	16225	J5943	.....	16304	J6041	.....	15832.7	J6136	.....	.16624
J5859.4	.....	16230	J5943.1	.....	16308	J6041.5	.....	15832.5	J6138	.....	.16628
J5861	.....	16228	J5943.2	.....	16312	J6041.8	.....	15832.3	J6143	.....	.16630
J5866	.....	16220	J5944	.....	16316	J6042	.....	15832	J6144	.....	.16632
J5868	.....	16208	J5945	.....	16320	J6043	.....	15833	J6144.2	.....	.16633
J5872	.....	16212	J5946	.....	16324	J6043.5	.....	15834	J6144.21	.....	.16634
J5872.1	.....	16216	J5947	.....	16328	J6043.6	.....	15835	J6144.5	.....	.16635
J5882	.....	16197	J5948	.....	16332	J6043.7	.....	15835.5	J6145	.....	.16660
J5882.1	.....	16197.1	J5948.4	.....	16336	J6043.8	.....	15835.7	J6146	.....	.16656
J5882.4	.....	16196.2	J5950	.....	16340	J6044	.....	15840	J6146.5	.....	.16652
J5882.42	.....	16196.1	J5950.2	.....	16344	J6045	.....	15844	J6147	.....	.16636
J5882.44	.....	16196.4	J5950.4	.....	16348	J6048	.....	16484	J6147.5	.....	.16638
J5882.46	.....	16196.3	J5950.6	.....	16352	J6052	.....	16488	J6147.8	.....	.16639
J5882.48	.....	16196.6	J5950.7	.....	16356	J6052.1	.....	16492	J6148.5	.....	.16650
J5882.51	.....	16196.5	J5952	.....	16364	J6064	.....	16500	J6149	.....	.16648
J5882.52	.....	16196.8	J5954	.....	16368	J6065	.....	16502	J6149.2	.....	.16649
J5882.54	.....	16196.7	J5954.5	.....	16369	J6067	.....	16516	J6149.5	.....	.16651
J5882.56	.....	16196.91	J5955	.....	16372	J6067.2	.....	16520	J6151	.....	.16662
J5882.58	.....	16196.9	J5957	.....	16374	J6067.21	.....	16524	J6152	.....	.16664
J5882.6	.....	16196.93	J5958	.....	16376	J6068	.....	16504	J6153.6	.....	.16674
J5882.62	.....	16196.94	J5964	.....	16380	J6069	.....	16508	J6154.5	.....	.16678
J5884.24	.....	16190	J5968	.....	16384	J6072	.....	16527	J6156	.....	.16679
J5884.25	.....	16190.1	J5970	.....	16388	J6081	.....	16528	J6157	.....	.16680
J5884.43	.....	16191.94	J5972	.....	16392	J6081.2	.....	16530	J6159	.....	.16684
J5884.9	.....	16191.8	J5974	.....	16396	J6085	.....	16532	J6159.7	.....	.16687.1
J5885	.....	16191.7	J5976	.....	16400	J6085.2	.....	16544	J6160	.....	.16688
J5885.2	.....	16191.91	J5982	.....	16420	J6086	.....	16564	J6166	.....	.16700
J5885.3	.....	16191.9	J5984	.....	16419	J6088	.....	16568	J6166.1	.....	.16703
J5885.4	.....	16191.92	J5984.5	.....	16417.1	J6089	.....	16570	J6166.2	.....	.16703.5
J5888	.....	16192	J5984.6	.....	16417.2	J6090	.....	16572	J6166.69	.....	.16705.1
J5891	.....	16180	J5984.8	.....	16417.3	J6090.3	.....	16576	J6166.73	.....	.16705
J5891.1	.....	16184	J5984.9	.....	16417.4	J6090.5	.....	16580	J6166.92	.....	.16705.5
J5892	.....	16164	J5985	.....	16418	J6090.51	.....	16584	J6167.2	.....	.16727
J5892.1	.....	16168	J5986	.....	16404	J6091	.....	16588	J6167.6	.....	.16726
J5892.4	.....	16172	J5989	.....	16412	J6092	.....	16592	J6167.65	.....	.16725.5
J5892.5	.....	16176	J5989.1	.....	16416	J6093.212	.....	16606	J6167.66	.....	.16725.51

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
J6172	.....	16732	J6285.4	.....	16873.82	J6377.1	.....	16028	J6453.2	.....	16993
J6174	.....	16736	J6285.6	.....	16873.81	J6378	.....	16012	J6453.4	.....	16996
J6176	.....	16740	J6287	.....	16873.83	J6380	.....	16008	J6453.5	.....	17037
J6180	.....	16744	J6288	.....	16873.84	J6381	.....	16013	J6453.8	.....	17039
J6188	.....	16748	J6288.2	.....	16873.85	J6381.1	.....	16014	J6455	.....	17049
J6190	.....	16747	J6294	.....	16875.5	J6382	.....	16020	J6455.1	.....	17049.5
J6191	.....	16756	J6297	.....	16875	J6384	.....	16016	J6457	.....	17052
J6191.1	.....	16760	J6299	.....	16879.7	J6384.5	.....	16009.3	J6458.5	.....	17058
J6191.2	.....	16761	J6299.6	.....	16879.8	J6384.8	.....	16009.2	J6459	.....	17068
J6191.9	.....	16784	J6299.7	.....	16879.9	J6385	.....	16009.4	J6459.5	.....	17064
J6191.91	.....	16788	J6300.4	.....	16890	J6385.1	.....	16009.5	J6459.6	.....	17065
J6192.1	.....	16790.5	J6301	.....	16892	J6386	.....	16032	J6460.3	.....	17069
J6193	.....	16790	J6310	.....	16880	J6389	.....	16036	J6460.4	.....	17070
J6193.5	.....	16763	J6310.1	.....	16884	J6393	.....	16037	J6460.45	.....	17070.5
J6194	.....	16764	J6312	.....	16896	J6393.5	.....	16038	J6461.5	.....	17073
J6196	.....	16768	J6314	.....	16900	J6393.7	.....	16040	J6461.52	.....	17074
J6198	.....	16772	J6330	.....	15850	J6394.4	.....	16049	J6461.6	.....	17076
J6200	.....	16776	J6336	.....	15880	J6394.41	.....	16050	J6461.85	.....	17077
J6201	.....	16766	J6336.5	.....	15876	J6395	.....	16050.5	J6461.95	.....	17082
J6202	.....	16780	J6337	.....	15884	J6395.1	.....	16051	J6462	.....	17036
J6204	.....	16792	J6338	.....	15888	J6396	.....	16053	J6469	.....	17084
J6206	.....	16804	J6339	.....	15892	J6398	.....	16044	J6470	.....	17085
J6207	.....	16808	J6339.4	.....	15896	J6399	.....	16054	J6472	.....	17028
J6208	.....	16810	J6340	.....	15868	J6403	.....	16060	J6474	.....	17032
J6214	.....	16812	J6340.1	.....	15872	J6404	.....	16080	J6476	.....	17014
J6216	.....	16806	J6342	.....	15864	J6404.1	.....	16084	J6477	.....	17100
J6218	.....	16807	J6343	.....	15852	J6404.31	.....	16077	J6477.5	.....	17087
J6222.5	.....	16811	J6343.5	.....	15853	J6406	.....	16088	J6478	.....	17088
J6222.8	.....	16813	J6346	.....	15900	J6408.3	.....	16093	J6478.2	.....	17088.5
J6223	.....	16813.5	J6346.6	.....	15901	J6408.8	.....	16094	J6479	.....	17089
J6226	.....	16814	J6346.61	.....	15902	J6409	.....	16096	J6479.5	.....	17090
J6229	.....	16815	J6347.2	.....	15903	J6411	.....	16100	J6480.36	.....	17106
J6229.2	.....	16819	J6352	.....	15912	J6414	.....	16064	J6480.37	.....	17107
J6229.51	.....	16818	J6352.1	.....	15916	J6416	.....	16056	J6480.4	.....	17108
J6236	.....	16821	J6352.5	.....	15918	J6419	.....	17004	J6480.42	.....	17112
J6236.1	.....	16822	J6352.51	.....	15919	J6420	.....	17000	J6480.44	.....	17116
J6254	.....	16828	J6352.52	.....	15921	J6424	.....	17008	J6481	.....	17140
J6255.3	.....	16831	J6352.53	.....	15923	J6425	.....	17012	J6483	.....	17128
J6256	.....	16832	J6352.54	.....	15925	J6425.4	.....	17016	J6483.2	.....	17132
J6260	.....	16840	J6352.55	.....	15926	J6426	.....	17024	J6483.4	.....	17136
J6261.2	.....	16841	J6356	.....	15932	J6427	.....	17020	J6484	.....	17138
J6261.3	.....	16842	J6356.1	.....	15936	J6427.5	.....	17025	J6485	.....	17139
J6262	.....	16836	J6357	.....	15938	J6427.51	.....	17025.5	J6487	.....	17142
J6265	.....	16835	J6357.5	.....	15940	J6428	.....	16904	J6488	.....	17141
J6266	.....	16844	J6358.2	.....	15941	J6431	.....	16906	J6489	.....	17144
J6266.2	.....	16846	J6358.21	.....	15942	J6433	.....	16910	J6490	.....	17148
J6266.3	.....	16846.6	J6358.45	.....	15957	J6434	.....	16912	J6492	.....	17168
J6266.33	.....	16846.8	J6358.451	.....	15957.1	J6438	.....	16920	J6494	.....	17172
J6266.4	.....	16846.3	J6358.6	.....	15954	J6440	.....	16924	J6499	.....	17162.3
J6266.5	.....	16847	J6359	.....	15952	J6441	.....	16928	J6500	.....	17164
J6266.51	.....	16847.5	J6359.2	.....	15950	J6442	.....	16932	J6500.1	.....	17163
J6267	.....	16848	J6365	.....	15958	J6444	.....	16936	J6500.6	.....	17162.5
J6267.3	.....	16848.2	J6366	.....	15959	J6446	.....	16952	J6500.8	.....	17162.1
J6267.4	.....	16848.3	J6366.1	.....	15959.1	J6446.5	.....	16950	J6501	.....	17162
J6267.6	.....	16848.4	J6368	.....	15960	J6447	.....	16976	J6502	.....	17160
J6267.8	.....	16849	J6372	.....	15964	J6448	.....	16964	J6502.1	.....	17161
J6268	.....	16850	J6374	.....	15968	J6448.4	.....	16956	J6502.25	.....	17155.5
J6269	.....	16856	J6375.4	.....	15976	J6448.7	.....	16959	J6502.5	.....	17155
J6270	.....	16852	J6375.41	.....	15980	J6448.9	.....	16962	J6503	.....	17154
J6274	.....	16860	J6376	.....	15972	J6449	.....	16961	J6504	.....	17156
J6275	.....	16860.2	J6376.4	.....	15992	J6449.5	.....	16961.3	J6508	.....	17152
J6279.9	.....	16872	J6376.41	.....	15996	J6449.7	.....	16961.7	J6508.5	.....	17153
J6280	.....	16872.1	J6376.6	.....	15984	J6452	.....	16960	J6508.8	.....	17153.6
J6283	.....	16873	J6376.61	.....	15988	J6452.6	.....	16988	J6509	.....	17192
J6283.1	.....	16873.1	J6377	.....	16024	J6453	.....	16992	J6509.1	.....	17192.5

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

Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.	Inter.	—	U.S.
J6509.2		17193	J6902		17436	L5270		160	L5680.1		392
J6509.8		17190	J6904		17440	L5273.9		164	L5696		396
J6510		17184	J6907.3		17455.5	L5281.9		216	L5696.1		400
J6512		17188	J7000		17456.5	L5281.91		220	L5706		408
J6514		17194	J7000.1		17456.6	L5282.1		224	L5706.1		412
J6515		17195	J7000.8		17456.7	L5284		212	L5712		404
J6516		17195.5	J7000.9		17456.8	L5346		228	L5718		424
J6517		17200	L5000		4	L5348		232	L5719.1		425
J6518		17196	L5100		8	L5348.1		236	L5719.11		425.1
J6521		17204	L5200		12	L5400		248	L5720		426
J6524		17210	L5200.1		16	L5500		252	L5720.1		426.1
J6525		17212	L5204		20	L5504		256	L5790		428
J6526		17216	L5204.1		24	L5508		260	L5791		432
J6530.3		17224	L5212		28	L5508.1		264	L5800		436
J6615		17227	L5212.1		32	L5512		282	L5840		440
J6800		17242	L5214		36	L5520		284	L5860		444
J6836		17278	L5215		48	L5520.1		288	L5860.1		448
J6841		17292	L5215.1		52	L5525		292	L5870		468
J6843		17296	L5216		40	L5530		296	L5870.1		472
J6843.1		17300	L5216.1		44	L5531		294	L5884		476
J6847		17309	L5217		72	L5531.1		294.1	L5884.1		480
J6847.1		17310	L5221		56	L5535		300	L5890		460
J6858		17324	L5221.1		60	L5550		304	L5890.1		464
J6858.1		17328	L5222		64	L5552		308	L5892		456
J6858.5		17329	L5222.1		68	L5554		312	L5918		508
J6858.51		17330	L5226		92	L5554.1		316	L5920		512
J6864.4		17352	L5228		96	L5558		320	L5920.1		516
J6866		17353	L5230		100	L5572		326	L5928		520
J6866.5		17355	L5232		104	L5572.1		326.1	L5928.1		524
J6867.2		17358	L5234		108	L5575		328	L5932		535
J6868		17360	L5235		137	L5580		332	L5932.1		536
J6870		17364	L5235.1		138	L5590		336	L5936		560
J6870.6		17368	L5238		116	L5594		340	L5940		540
J6870.7		17370	L5238.1		120	L5596		344	L5940.1		544
J6873		17388	L5242		132	L5596.1		348	L5942		548
J6873.1		17392	L5242.1		136	L5598		352	L5942.1		552
J6878.9		17376	L5244		112	L5598.1		356	L5944		556
J6879.4		17399.6	L5246		124	L5620		364	L5951		562
J6879.9		17399.4	L5246.1		128	L5620.1		368	L5951.1		566
J6880		17399.8	L5260		140	L5625		372	L5970		580
J6894		17416	L5260.1		144	L5625.1		376	L5970.1		584
J6895		17420	L5264		148	L5640		380	L5990		596
J6895.1		17424	L5264.1		152	L5660		384			
J6901		17428	L5266		156	L5680		388			