

minutes of a low and high tone alternately, thus:—low blast, two and a half seconds; silent interval, two and a half seconds; high blast, two and a half seconds; silent interval, one hundred and twelve and a half seconds.

The fog signal house is a small white building 250 feet above high water, situated midway between the upper and lower lighthouses.

Approximate position, lat.  $51^{\circ} 53' N.$ , long.  $55^{\circ} 22' W.$

No further notice will be given.

This Notice affects the following Admiralty Charts:—Newfoundland, No. 232*b*; St. John Bay to Orange Bay, No. 282; Strait of Belle Isle, No. 779. Also, List of Lights, Part VIII, 1899, No. 1; and Newfoundland and Labrador Pilot, 1897, page 564.

#### No. 507.—BRITISH COLUMBIA—VAN- COUVER ISLAND.

##### (1.) *Gabriola Reefs—Beacon erected, Buoy withdrawn.*

THE Government of the Dominion of Canada has given notice, dated 28th July, 1899, that a stone beacon, painted black, surmounted by a black staff and ball, elevated 22 feet above high water, has been erected on Thrasher Rock, Gabriola Reefs; it is situated on the part of the rock which dries  $1\frac{1}{2}$  feet. The black buoy surmounted by staff and cage has been withdrawn.

Approximate position on Chart No. 3029, lat.  $49^{\circ} 9' 35'' N.$ , long.  $123^{\circ} 38' 30'' W.$

##### (2.) *Danger Reefs—Beacon Erected.*

Also, that a black conical wooden beacon, surmounted by a black ball, elevated 40 feet above high water, has been erected on the north end of Danger Reefs; it is situated on the easternmost of the two rocks, with Tree Island bearing  $N. 40^{\circ} E.$ , distant  $7\frac{1}{2}$  cables, and white Rock  $S. 36^{\circ} E.$

Approximate position on Chart No. 3029, lat.  $49^{\circ} 3' 40'' N.$ , long.  $123^{\circ} 42' 45'' W.$

The easternmost of the two rocks on which the beacon stands is awash at high water, the westernmost dries only at a low tide. The ground is foul within 3 cables of the beacon.

##### (3.) *Portier Pass—Shoal on East Side.*

Also, that a shoal having a depth of  $1\frac{1}{2}$  fathoms over it at low water exists three-quarters of a cable from the shore of Galiano Island, Portier Pass; it is situated with South Point bearing  $S. 17^{\circ} E.$ , distant  $3\frac{1}{4}$  cables, and Native Point  $N. 84^{\circ} W.$

Approximate position on Chart No. 3029, lat.  $49^{\circ} 0' 55'' N.$ , long.  $123^{\circ} 35' 20'' W.$

##### (4.) *Celia Reef—Buoy Established.*

Also, that a red can buoy has been moored in a depth of 9 fathoms, 80 yards southward of Celia Reef, Shute Passage; it is situated with South Point of Black Island bearing  $N. 31^{\circ} W.$ , distant  $3\frac{1}{2}$  cables, and Harry Point,  $S. 63^{\circ} W.$

Approximate position on Chart No. 2840, lat.  $48^{\circ} 42' 35'' N.$ , long.  $123^{\circ} 23' 20'' W.$

The 4-fathom patch southward of the reef was found not to exist, it has therefore been erased from the Charts.

[Variation  $23^{\circ}$  Easterly in 1899.]

This Notice affects the following Admiralty Charts:—(1) (2) (3) Haro and Rosario Straits, No. 2689; Strait of Georgia, Sheet 1, No. 579; Active Pass to Gabriola Pass, No. 3029; (4) Haro and Rosario Straits, No. 2689; Haro Strait and Middle Channel, No. 2840. Also, British Columbia Pilot, 1898, pages 186, 121, 133, 111.

#### No. 508.—MEDITERRANEAN.

##### *Port of Algier—New Jetty Constructing, Light-Boat.*

THE French Government has given notice, dated 2nd August, 1899, that a new jetty is in course of construction across the bay, called Agha Bay, southward of the port of Algier.

The works, commencing at Fort du Coude, extend in a southerly direction, their extremity being marked by a boat, exhibiting at night a green fixed light, elevated 10 feet above the sea, and visible from a distance of 2 miles.

This light-boat is moored with the south-eastern face of Fort du Coude bearing  $N. 9^{\circ} W.$ , distant 430 yards, and south extreme of l'Agha Baths  $N. 77^{\circ} W.$

Approximate position, lat.  $36^{\circ} 46' 5'' N.$ , long.  $3^{\circ} 4' 15'' E.$

[Variation  $13^{\circ}$  Westerly in 1899.]

This Notice affects the following Admiralty Chart:—Port of Algier, No. 2555. Also, List of Lights, Part V, 1899, page 246; and Mediterranean Pilot, Vol. I, 1894, page 256.

#### No. 509.—FRANCE—BREST APPROACH.

##### *Le Goémant Shoal—Amended Depth.*

THE French Government has given notice, dated 4th August, 1899, that a recent examination shows that the depth on le Goémant Shoal is  $2\frac{1}{2}$  fathoms at lowest water, and not 5 fathoms as formerly indicated.

The Charts have consequently been amended.

Approximate position, lat.  $48^{\circ} 15' 0'' N.$ , long.  $4^{\circ} 46' 20'' W.$

This Notice affects the following Admiralty Charts:—Ras de Sein to Goulven, No. 2643; Brest Roadstead, No. 2690. Also, Sailing Directions for the West Coasts of France, &c., 1891, page 39.

#### No. 510.—BRAZIL—PARAHYBA RIVER.

##### *Pedra Secca Light—Character Altered.*

THE German Government has given notice, that it is reported that on 2nd July, 1899, the light on Pedra Secca Rocks, at the entrance to Parahyba River, would be altered from revolving to white fixed.

The Charts have in consequence been amended.

Approximate position, lat.  $6^{\circ} 56\frac{1}{4}' S.$ , long.  $34^{\circ} 48\frac{1}{2}' W.$

This Notice affects the following Admiralty Charts:—Maranhão to Pernambuco, No. 528; Formosa to Pernambuco, No. 890; Parahyba River, No. 1396. Also, List of Lights, Part VII, 1899, No. 61; and South America Pilot, Part I, 1893, page 58.

#### No. 511.—BRAZIL—PERNAMBUCO.

##### *Olinda Point—Permanent Light Re-exhibited.*

WITH reference to Notice to Mariners No. 709 of 1898:—

The French Government has given notice, that it is reported that Olinda Point permanent light, showing a white fixed light with one flash every two minutes, was re-exhibited on 14th July, 1899, and the temporary light discontinued.

Approximate position, lat.  $8^{\circ} 0' 50'' S.$ , long.  $34^{\circ} 50' 35'' W.$

This Notice affects the following Admiralty Charts:—Maranhão to Pernambuco, No. 528; Pernambuco to Victoria, No. 529; Pernambuco Roads, No. 969. Also, List of Lights, Part VII, 1899, No. 62; and South America Pilot, Part I, 1893, page 69.

By command of their Lordships,

W. J. L. Wharton, Hydrographer.

Hydrographic Office, Admiralty, London.

21st to 22nd August, 1899.