

[The bearings are magnetic, and are given from seaward. Variation  $4\frac{1}{2}^{\circ}$  Westerly in 1888.]

By command of their Lordships,  
W. J. L. Wharton, Hydrographer.  
Hydrographic Office, Admiralty, London,  
1st May, 1888.

This Notice affects the following Admiralty Charts:—Red Sea, No. 2523; Gulf of Aden, No. 6b; Red Sea, No. 8e; Perim Island, No. 2592. Also, Admiralty List of Lights in the Mediterranean, &c, 1883, page 180; List of Lights in South Africa, &c, 1888, page 18; Red Sea Pilot, 1883, page 113; Revised Supplement, 1886, to Red Sea Pilot, page 29; and Gulf of Aden Pilot, 1887, page 80.

#### NOTICE TO MARINERS.

(No. 119 of the year 1888.)

CANADA—RIVER ST. LAWRENCE.

(1.) *Buoy off River Matane Entrance.*

THE Government of the Dominion of Canada has given notice, dated 15th March, 1888, that a can buoy has been placed off the bank at River Matane Entrance, south shore of River St. Lawrence:—

The buoy, painted black, is moored in 7 fathoms, and about 7 cables from the shore, with Matane Wharf bearing S.  $\frac{1}{2}$  W., and Matane Lighthouse S. W.  $\frac{1}{2}$  S.

Position, lat.  $48^{\circ} 52' 20''$  N., long.  $67^{\circ} 31' 30''$  W.

(2.) *Alterations in Traverse Light-Vessels.*

Also, dated 12th March, 1888, that on the opening of navigation in the spring of this year, the following alterations would be made in Traverse Light-vessels, River St. Lawrence:—

Lower Traverse Light-vessel shows two fixed white lights, one from each masthead.

The vessel is painted white, with the words Lower Traverse in black letters on her sides.

Position, lat.  $47^{\circ} 22'$  N., long.  $70^{\circ} 15'$  W.

Upper Traverse Light-vessel shows two fixed white lights, one from each masthead, also a fixed red light 6 feet above the white light on the mainmast.

The vessel is painted red, with the words Upper Traverse in white letters on her sides.

Position, lat.  $47^{\circ} 20'$  N., long.  $70^{\circ} 16'$  W.

UNITED STATES—EAST COAST.—DELAWARE RIVER.

(3.) *Mahon River Lighthouse, Sector of Red Light Established, and Increase in Power of Light.*

The United States Government has given notice, that on or about 21st April, 1888, a sector of light would be shown from Mahon River Lighthouse, western shore of Delaware River:—

The sector is fixed red, of  $14^{\circ}$  in extent, or between the bearings of W.  $\frac{1}{4}$  N. and W. by S. The southern edge of this sector marks the position of Cross Ledge Elbow Buoy; and the northern edge, that of Cross Ledge Middle Buoy.

Also, on the same date, that the power of the light shown from Mahon River Lighthouse would be increased to the fourth order.

Position, on Admiralty chart, lat.  $39^{\circ} 10' 30''$  N., long.  $75^{\circ} 24' 15''$  W.

[The bearings are magnetic, and those affecting the visibility of lights are given from seaward. Variation (1)  $25\frac{1}{2}^{\circ}$ , (3)  $5\frac{1}{4}^{\circ}$  Westerly in 1888.]

By command of their Lordships,  
W. J. L. Wharton, Hydrographer.  
Hydrographic Office, Admiralty, London,  
4th May, 1888.

This Notice affects the following Admiralty Charts:—Cape Chatte to Bic Island, No. 309 (1); Point des Monts to Bersimis River, No. 311 (1); Bic Island to Quebec, No. 310 (2); Point Ouelle

to Seal Islands, No. 315 (2); Delaware River, outer sheet I, No. 2563 (3). Also, Admiralty List of Lights on the eastern shores of North America, 1888, Nos. 252, 253, 735; St. Lawrence Pilot, Vol. I, 1882, pages 83, 262, 263; and Sailing Directions for the east coast of the United States, 1882, page 146.

#### NOTICE TO MARINERS.

(No. 120 of the year 1888.)

AUSTRALIA—EAST COAST.—CLAREMONT ISLES.

(1.) *Depth on Khandalla Shoal.*

THE Government of Queensland has given notice, that the depth on Khandalla Shoal, situated with Claremont Island Light-vessel bearing S.S.E.  $\frac{3}{4}$  E., distant  $3\frac{1}{2}$  miles, does not exceed 3 fathoms at low water spring tides.

Position, lat.  $13^{\circ} 25' 45''$  S., long.  $143^{\circ} 43'$  E.

SOUTH PACIFIC OCEAN.

(2.) *Bank reported North-westward of Samoan Islands.*

Information has been received, that the Master of the schooner "Tavireni" reports sailing, for about 2 miles, over what appeared to be the western end of an extensive bank about midway between the Ellice and Samoan Islands. Soundings of 10 fathoms, sand and coral, were obtained.

Position, approximate, as given, lat.  $11^{\circ} 7'$  S., long.  $177^{\circ} 2'$  W.

[The bearing is magnetic. Variation  $5\frac{1}{4}^{\circ}$  Easterly in 1888.]

By command of their Lordships,  
W. J. L. Wharton, Hydrographer.  
Hydrographic Office, Admiralty, London,  
5th May, 1888.

This Notice affects the following Admiralty Charts:—Coral Sea and Great Barrier Reef, Sheet II, No. 2764 (1); Cape Flattery to Cape Sidmouth, No. 2352 (1); Pacific Ocean, No. 2683 (2); Atlantic and Indian Oceans, No. 2483 (2); Pacific, south-west Sheet, No. 780 (2). Also, Australia Directory, Vol. II, 1879, page 273; Revised Supplement, 1887, to Australia Directory, Vol. II, page 74; and Pacific Islands, Vol. II (Central Groups), 1885, page 29.

#### NOTICE TO MARINERS.

(No. 121 of the year 1888.)

TASMANIA—EAST COAST.

*Intended Group Flashing Light on Eddystone Point.*

THE Government of Tasmania has given notice, that on or about 1st December, 1888, a light will be exhibited from a lighthouse now in course of construction on Eddystone Point, east coast of Tasmania, southern approach to Banks Straits:—

The light will be a group flashing white light, showing a series of three flashes every thirty seconds; it will be elevated 132 feet above the sea.

The illuminating apparatus will be dioptric, or by lenses, and of the first order.

The height of the lighthouse will be 85 feet.

Also, a subsidiary red light will be shown from this lighthouse, covering the Victoria Rocks, and should be seen in clear weather from a distance of  $2\frac{1}{2}$  miles.

Position, as given, lat.  $40^{\circ} 59' 40''$  S., long.  $148^{\circ} 20' 50''$  E.

Further notice, and full particulars, will be given when the exact date of the exhibition of this light is known.

By command of their Lordships,  
W. J. L. Wharton, Hydrographer.  
Hydrographic Office, Admiralty, London,  
5th May, 1888.