

from Point Matto. Approximate position, lat.  $6^{\circ} 56' 30''$  S., long.  $34^{\circ} 49'$  W.

By command of their Lordships,  
*Geo. Henry Richards*, Hydrographer,  
Hydrographic Office, Admiralty, London,  
31st January, 1874.

This Notice affects the following Admiralty Charts:—Formosa to Pernambuco, No. 890; and Parahiba River, No. 528: Also South American Pilot, Part I, page 32.

#### NOTICE TO MARINERS.

(No. 15.)—FRANCE—WEST COAST.

*Temporary Lights, St. Jean de Luz.*

THE French Government has given notice, that from the 15th February, 1874, two temporary lights (to be replaced by permanent ones) will be exhibited near the Pyramids on Pointe de St. Barbe, east side of St. Jean de Luz Bay.

The lights will be *fixed red* lights, bearing S.E. by E.  $\frac{1}{4}$  E. and N.W. by W.  $\frac{1}{4}$  W., distant 416 yards from each other, and visible through an arc of about  $13^{\circ}$  on either side of the first, or seaward, bearing. The upper light is elevated 141 feet above the level of the sea, and the lower light 95 feet, and in clear weather the upper light should be seen from a distance of 8 miles.

Position of the lower light, lat.  $43^{\circ} 24'$  N., long.  $1^{\circ} 40'$  W.

NOTE.—The two lights in line bearing S.E. by E.  $\frac{1}{4}$  E. is the leading mark into the bay, until the green harbour lights are in line, which must then be kept so.

[All bearings are magnetic. Variation,  $18\frac{1}{2}^{\circ}$  Westerly in 1874.]

By command of their Lordships,  
*Geo. Henry Richards*, Hydrographer,  
Hydrographic Office, Admiralty, London,  
31st January, 1874.

This Notice affects the following Admiralty Charts:—Bidasson River to Pointe D'Arcachon, No. 2665; and Bayonne to Oporto, No. 2728: Also, Sailing Directions for the West Coast of France, Page 85.

#### NOTICE TO MARINERS.

(No. 16.)—NEW ZEALAND.—NORTH ISLAND.—WANGARI BAY.

*Sunken Rock off Bream Island.*

THE French Government, from information received from the Admiral commanding the French Naval Division of the Pacific Ocean, has given notice of the existence of a sunken rock off Bream Island, a little northward of Wangari Bay.

The rock, on which the sea breaks in heavy weather, is about 33 yards in diameter, and has 16 feet of water on it. It lies N.E. by E., distant three-quarters of a mile from Bream Island, and in lat.  $35^{\circ} 51'$  S., long.  $174^{\circ} 38' 20''$  E.

*Sunken Rock off Bream Tail.*

Also, that a sunken rock has been discovered nearly midway in the channel between Bream Tail and Tautorou, or Sail Rock.

This danger (*M. Gregor Rock*) is small in extent, and has 11 feet of water on it. From it, Bream Island bears N.N.W.  $\frac{1}{4}$  W. (northerly), and Sail Rock N.E.  $\frac{1}{4}$  E., distant  $2\frac{3}{4}$  miles. These

bearings place the danger in lat.  $36^{\circ} 2'$  S. long.  $174^{\circ} 40' 20''$  E.

[All bearings are magnetic. Variation  $14^{\circ}$  Easterly in 1874.]

By command of their Lordships,  
*Geo. Henry Richards*, Hydrographer,  
Hydrographic Office, Admiralty, London,  
3rd February, 1874.

This Notice affects the following Admiralty Charts:—Tukukaka to Mayor Island, No. 2543; and Wangari Harbour, No. 2047: Also, New Zealand Pilot, page 52.

#### NOTICE TO MARINERS.

(No. 17.)—SCOTLAND—WEST COAST.

*Alteration in Harbour Lights, Campbellton.*

THE Commissioners of Northern Lights have given notice, that the following alteration has been made in the pier lights Campbellton Harbour:—

The Old Pier Head light shows *red* between the bearings N.N.W., round by West to W.S.W.

The New Pier Head light shows *green* between the bearings N.N.W., round by West to S.W. by W.  $\frac{1}{4}$  W.

[All bearings are magnetic. Variation  $25^{\circ}$  Westerly in 1874.]

By command of their Lordships,  
*Geo. Henry Richards*, Hydrographer,  
Hydrographic Office, Admiralty, London,  
3rd February, 1874.

This Notice will affect the following Admiralty Charts:—Scotland, West Coast, No. 2635; Irish Channel, No. 1825 a; The Clyde, No. 2159; Mull of Cantyre to Ardnamurchan Point, No. 2515; and Campbellton Loch, No. 1864; Also, British Lights List, No. 283; and Sailing Directions, West Coast of Scotland, Part II, page 238.

#### NOTICE TO MARINERS.

(No. 18.)—NORWAY.

*Fog Bells in Christiania Fiord.*

THE Norwegian Government has given notice, that fog bells have been established in the lighthouses of Hægholm, Steilene, Digerhoved, and Filtvedt, in Christiania Fiord.

In thick or foggy weather the bells will be sounded *nine* times in quick succession *every five minutes*.

By command of their Lordships,  
*Geo. Henry Richards*, Hydrographer,  
Hydrographic Office, Admiralty, London,  
5th February, 1874.

This Notice affects the Admiralty Chart of Christiania Fiord, No. 2330: Also, Norwegian Lights List, Nos. 436 to 438 inclusive.

#### NOTICE TO MARINERS.

(No. 19.)—AUSTRALIA—EAST COAST—QUEENSLAND.

*Fixed Light on Cape Bowling Green.*

THE Colonial Government of Queensland has given notice, that during the construction of a lighthouse a temporary light is now exhibited on Cape Bowling Green: