

general, No. 1824 *a*; Bristol Channel, sheet 3, No. 1179; Padstow to Bristol Channel, No. 1178; Lundy Island, No. 36; Also, Admiralty List of Lights in the British Islands, No. 414; and Sailing Directions for the Bristol Channel, 1872, page 22.

(2.) Ireland, general, No. 1824 *a*; Irish Channel, No. 1825 *a*; Clyde River, Loch Fyne, &c., No. 2159; Scotland, West Coast, No. 2635; Mull of Cantyre to Ardnanurchan Point, No. 2515; Also, Admiralty List of Lights in the British Islands, No. 285; and Sailing Directions for West Coast of Scotland, 1877, page 216.

NOTICE TO MARINERS.

(No. 93.)—AFRICA—SOUTH COAST—CAPE COLONY.

(1.) *Revolving Light near Cape St. Francis.*

WITH reference to Notice to Mariners, No. 125, of 15th September, 1877, on the intended exhibition of a light from a lighthouse, then in course of construction on Seal Point, $1\frac{1}{2}$ miles westward of Cape St. Francis:—

The Government of the Cape Colony has given further notice, that the lighthouse is completed, and that the light would, it is expected, be exhibited on 15th June, 1878:—

The light (named Cape St. Francis Light) is a revolving white light of the second order, flashing at intervals of twenty seconds, elevated 118 feet above high water, and should be visible in clear weather from a distance of about 16 miles.

The light commands the coast uninterruptedly to the westward, but to the eastward it is cut off by Cape St. Francis on the line N. 53° E. (true); or is obscured northward of the bearing S. 83° W.

The light tower, 91 feet high, cylindrical in shape, and built of stone, with keeper's dwelling attached, is situated about 250 yards within the extreme of Seal Point.

Position, lat. $34^{\circ} 12' 30''$ S., long. $24^{\circ} 50' 20''$ E.

KOWIE RIVER ENTRANCE.

(2.) *Harbour Light at Port Alfred.*

Information has been received, that the harbour light at Port Alfred is now exhibited from near the extremity of the Western Pier.

The light (fixed green) should be visible in clear weather from a distance of about 6 miles.

[The bearing is magnetic. Variation, $30\frac{1}{2}^{\circ}$ Westerly in 1878.]

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
11th July, 1878.

This notice affects the following Admiralty Charts:—

(1.) South Atlantic, Eastern Portion, No. 2202 *a*; Indian Ocean, No. 748 *a*; Hollams Island to Cape Corrientes, No. 596; Hondeklip Bay to Port Natal, No. 2095; Mossel Bay to Cape St. Francis, No. 2084; and Cape St. Francis to Waterloo Bay, No. 2085. Also, Admiralty List of Lights in South Africa, &c., 1878, page 4; Lights on the South and South-East Coasts of Africa, &c., 1878, No. 39; and African Pilot for South and East Coasts, 1865, page 54.

(2.) Kowie River Entrance, No. 1223. Also, Admiralty List of Lights in South Africa, &c., 1878, page 4; List of Lights on the South and East Coasts of Africa, 1878, No. 43 *a*; and African Pilot for South and East Coasts of Africa, 1865, page 67.

NOTICE TO MARINERS.

(No. 94.)—AUSTRALIA—EAST COAST. CAPE MELVILLE.

Light-Vessel near Channel Rock.

THE Queensland Government has given notice, that on 6th March, 1878, a light was exhibited from a light-vessel placed on the north side of Channel Rock, north-west of Cape Melville.

The light is a *fixed* white light, elevated 35 feet above the sea, and should be visible in clear weather from a distance of about 10 miles.

The light-vessel is moored in 14 fathoms water, with the following bearings, viz.:—

Pipon Islets Beacon	E. $\frac{3}{4}$ N.
Channel Rock	S. $\frac{1}{2}$ W.
Position, lat. $14^{\circ} 7' 40''$ S., long. $144^{\circ} 31' 30''$ E.			

NOTE.—Vessels rounding Cape Melville should pass northward of this light-vessel.

[The bearings are magnetic. Variations $5\frac{1}{2}^{\circ}$ Easterly in 1878.]

By command of their Lordships,

Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
18th July, 1878.

This Notice affects the following Admiralty Charts:—Australia, general, No. 2759 *a*; Coral Sea, Great Barrier Reef, Sheet II, No. 2764; Cape Flattery to Cape Sidmouth, No. 2352. Also, Admiralty List of Lights in South Africa, Australia, &c., 1878, page 44; and Australia Directory, Vol. II, 1864, page 171.

NOTICE TO MARINERS.

(No. 95.)—NORTH ATLANTIC OCEAN.
AZORES—ST. MICHAEL (SAN MIGUEL).
PONTA DELGADA.

Red Light on Breakwater.

INFORMATION has been received from Her Britannic Majesty's Consul at St. Michael, that most probably on 1st August, 1878, a light will be exhibited from a lighthouse recently erected near the extremity of the breakwater at Ponta Delgada:—

The light will be a fixed red light of the fourth order, elevated 47 feet above the sea, and should be visible in clear weather from a distance of 9 miles.

The light-tower, 26 feet high, is situated about 200 yards within the extremity of the breakwater in progress.

Position approximate, lat. $37^{\circ} 44' 0''$ N., long. $25^{\circ} 40' 35''$ W.

NOTE.—The soundings in an easterly direction from low water at the extremity of the breakwater, increase regularly to the depth of 12 fathoms.

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
18th July, 1878.

This Notice affects the following Admiralty Charts:—Azores, general, No. 1950; San Miguel, No. 1854; Also, Admiralty List of Lights on the North and West Coasts of France, Spain, and Portugal, Azores, &c., 1878, No. 353 *a*; and African Pilot, Part I, 1873, page 31.

NOTICE TO MARINERS.

(No. 96.)—INDIA.—CEYLON—EAST COAST.

(1.) *Fixed Light at Batticaloa River Entrance.*

THE Government of India has given notice,