

erected in a position bearing S. 86° E., distant 400 feet, from the old lighthouse:—

Penmarc'h (Eckmühl) Light is an electric white flashing light every five seconds, elevated 197 feet above high water, 194 feet above the ground, the illuminating power is stated to be from 1,500,000 to 3,000,000 bees Carcel, equal to from 15,000,000 to 30,000,000 candle power, and visible in clear weather from a distance of 20 miles.

Approximate position, lat. 47° 47' 55" N., long. 4° 22' 30" W.

Also, that a fog signal is established on the upper gallery of the lighthouse, consisting of a siren, giving blasts as follows:—Blast of three seconds duration, silence three seconds, blast of three seconds duration, silence eighty-one seconds, blast of three seconds duration, silence eighty-seven seconds.

[Variation 18° Westerly in 1897.]

This Notice affects the following Admiralty Charts:—North Atlantic Ocean, No. 2060a; British Islands to the Mediterranean Sea, No. 1; Bay of Biscay, No. 1104; I. de Groix to Raz de Sein, No. 2645; Anse de Benodet to Chaussée de Sein, No. 2351. Also, List of Lights, Part IV, 1897, No. 207; and Sailing Directions for the West Coasts of France, Spain, and Portugal, 1891, page 55.

No. 609.—CEYLON—S.W. COAST.

Colombo—Amended Position of Light at Extremity of North-East Breakwater.

WITH reference to Notices to Mariners No. 665 of 1895 and No. 677 of 1896:—

Further information has been received that:—

The dioptric, green lantern light shown from the western end of the staging erected in connection with the north breakwaters, now in course of construction, has been moved westward to a point 633 yards S. 82° W. from the western side of Mutwal Point, which is at present the termination of the works.

[Variation 1° Easterly in 1896.]

This Notice affects the following Admiralty Charts:—Ceylon, South Coast, with Plan of Colombo, No. 813; Colombo Harbour, No. 914. Also, List of Lights, Part VI, 1896, No. 161a; Bay of Bengal Pilot, 1892, page 47; and West Coast of Hindustan Pilot, 1891, page 103.

No. 610.—AFRICA—EAST COAST.

Cape Bazaruto Light Temporarily Discontinued.

WITH reference to Notice to Mariners No. 273 of 1894:—

The Portuguese Government has given notice, dated 17th September, 1897, that:—

Cape Bazaruto Light has been temporarily discontinued and will be replaced by a light of greater range.

Further notice will be given when the light is again exhibited.

Approximate position, lat. 21° 31' 0" S., long. 35° 29' 30" E.

This Notice affects the following Admiralty Charts:—Indian Ocean, No. 748a; Delagoa Bay to Cape Guardafui, No. 597; Delagoa Bay to River Zambesi, No. 648; Bazaruto Bay, 685. Also, List of Lights, Part VI, 1897, No. 24b; Africa Pilot, Part III, 1889, page 203. Revised Supplement relating to that work, 1895, pages 20 and 152. Also, Africa Pilot, Part III, 1897, page 215 (now in the Press).

No. 611.—WALES—WEST COAST.

Alteration in Position of Carnarvon Bay Light-vessel.

WITH reference to Notice to Mariners No. 378 of 1897:—

The Trinity House, London, has given further notice, dated 5th October, 1897, that Carnarvon Bay Light-vessel (revolving red and white light) has been moved about three miles W.N.W.

The watch-buoy has been shifted to a position four cables E.S.E. from the light-vessel.

Approximate position, light-vessel, lat. 53° 5' 50" N., long. 4° 49' 5" W.

ENGLAND—WEST COAST.

Longships—Fog Bell Discontinued.

Also, that the bell hitherto at Longships Light-house, used as an alternative fog-signal to the explosive report, has been removed.

This Notice affects the following Admiralty Charts:—Ireland, East Coast, No. 1824a; Irish Channel, No. 1825b; New Quay to Holyhead, No. 1411; St. Agnes Head to Gerraus Bay, No. 777. Also, List of Lights, Part I, 1897, Nos. 627 and 6; and Sailing Directions for the West Coast of England, 1891, pages 270, 271, and 32; Channel Pilot, Part I, 1893, page 50.

No. 612.—PHILIPPINES—LUZON ISLAND.

Manila Bay—Group Flashing Light temporarily Replaced by a Fixed Light.

THE Spanish Government has given notice, dated 18th September, 1897, that:—

In consequence of the disablement of the electric apparatus the group flashing light on the West Mole of the new harbour under construction will be temporarily replaced by a fixed white light.

This light being unwatched cannot be relied on.

Approximate position, lat. 14° 35' 10" N., long. 120° 57' 0" E.

This Notice affects the following Admiralty Chart:—Manila Bay, No. 976. Also, List of Lights, Part VI, 1897, No. 380a; China Sea Directory, Vol. II, 1889, page 333; Eastern Archipelago, Part I, 1890, page 55.

No. 613.—BRITISH COLUMBIA.

VANCOUVER ISLAND.

Rocks Discovered at Entrance to Clayoquot Sound.

INFORMATION has been received of the existence of the undermentioned rocks recently found at the entrance to Clayoquot Sound, south coast of Vancouver Island:—

A rock upon which the sea breaks lies about a quarter of a mile eastward of Sea Otto Rock.

Approximate position, lat. 49° 11' 20" N., long. 126° 8' 10" W.

Also, a rock on which the sea breaks lies about half a mile W. by S. from the summit of Bare Island.

Approximate position, lat. 49° 10' 30" N., long. 126° 6' 40" W.

This Notice affects the following Admiralty Chart:—Sydney Islet to Nitinat, &c., No. 584. Also, British Columbia Pilot, 1888, pages 295, 297.

No. 614.—NORTH PACIFIC OCEAN.

Position of Kingman Reef.

THE following information is derived from a survey of Kingman Reef, by Captain A. M. Field, Her Majesty's surveying-vessel "Penguin," 1897:—

Kingman Reef is of atoll character, triangular in shape, having the base on the southern side and the apex to the northward. Within the 100