

[The bearings are magnetic: Variation (1) 3° (2) 2° Easterly in 1889.]

By command of their Lordships,  
W. J. L. Wharton, Hydrographer.  
Hydrographic Office, Admiralty, London,  
16th September, 1889.

This Notice affects the following Admiralty Charts:—Farrang Bay to Tong King Gulf, No. 1342 (1); Kam Ranh Bay to Vung Ro Bay, No. 1008 (1); Approaches to Port Courbet, No. 1169 (2). Also, China Sea Directory, Vol. II, 1879, pages 353, 376.

#### NOTICE TO MARINERS.

(No. 336 of the year 1889.)

MEDITERRANEAN—GREECE.  
GULF OF KALAMATA.

(1.) *Harbour Light at Kalamata (Dogana).*

THE Hellenic Government has given notice, that on 13th September, 1889, a harbour light would be exhibited from a mast erected 93 yards within the outer extremity of the jetty at Kalamata (Dogana), northern shore of Gulf of Kalamata:—

The light is a fixed red light, elevated 26 feet above the sea, and should be visible in clear weather from a distance of three miles.

Position, lat. 37° 1' 0" N., long. 22° 7' 20" E.

SALAMIS STRAIT—GIORGIO CHANNEL.

(2.) *Giorgio Nisi Light Discontinued.*

Information has been received from Her Britannic Majesty's Minister at Athens that the light on Giorgio Nisi, western side of Giorgio Channel, Salamis Strait, is discontinued.

Position, lat. 37° 58' N., long. 23° 33' E.

By command of their Lordships,  
W. J. L. Wharton, Hydrographer.  
Hydrographic Office, Admiralty, London,  
16th September, 1889.

This Notice affects the following Admiralty Charts:—Venetico to Cape Malea, No. 1685 (1); Athens to Corinth, No. 1513 (2); Salamis Strait, No. 894 (2). Also, Admiralty List of Lights in the Mediterranean, 1889, page 126, No. 781; Mediterranean Pilot, Vol. III, 1880, page 347; and Mediterranean Pilot, Vol. IV, 1882, page 43.

#### NOTICE TO MARINERS.

(No. 337 of the year 1889.)

BALTIC—SWEDISH COAST.—NORRKOPING BIGHT.

(1.) *Femörhufved Light—Alteration in Character.*

THE Swedish Government has given notice, that on 19th September, 1889, the following alteration would be made in the character of Femörhufved Light:—

The light is a flashing white light, showing a flash of one second duration, at intervals of one second.

Position, lat. 58° 38½' N., long. 17° 7' E.

GULF OF BOTHNIA—SWEDISH COAST.—GEFLE BAY APPROACH.

(2.) *Alterations in Trödiehällen Light.*

Also, that on 8th September, 1889, the following alterations would be made in Trödiehällen Light, approach to Gefle Bay from the northward:—

The light is a flashing white and red light, showing white from the bearing of S. 1° W. through west, to N. 88° W., also from N. 2° W. to N. 3° W. Westward of N. 2° W., towards the land, the light shows red, and is obscured seaward from N. 3° W. to N. 88° W.

Position, lat. 60° 49' N., long. 17° 22' E.

#### SUNDSVALL APPROACH.

(3.) *Fog Signal near Bremö Lighthouse.*

Also, dated 11th September, 1889, that a fog signal has been established below and north-east of Bremö Lighthouse, approach to Sundsvall from the southward:—

The signal is a horn which, during thick or foggy weather, will give a blast of about thirty seconds duration, with intervals of two and a half minutes between the blasts.

Position, lat. 62° 13' N., long. 17° 45½' E.

[The bearings are magnetic, and are given from seaward. Variation 8° Westerly in 1889.]

By command of their Lordships,  
W. J. L. Wharton, Hydrographer.  
Hydrographic Office, Admiralty, London,  
18th September, 1889.

This Notice affects the following Admiralty Charts:—Baltic Sea, No. 2842b (1); Oland to Landsort, No. 2361 (1); Gulf of Bothnia, No. 2252 (2, 3); South Quarken to Hornslandet, No. 2296 (2); Hornslandet to Stiernö Point, No. 2299 (3). Also, Admiralty List of Lights on the Eastern Shores of the North Sea, 1889, Nos. 849, 773, 761; and Baltic Pilot, 1888, pages 110, 285, 297.

#### NOTICE TO MARINERS.

(No. 338 of the year 1889.)

SOUTH AMERICA—EAST COAST.

RIO DE LA PLATA.

(1.) *Buenos Aires Approach—Alteration in Position of Light-vessel.*

INFORMATION has been received, that the light-vessel lying eastward of Buenos Aires, is now moored with Merced Church bearing S. 85° W., distant 8½ miles.

Position, lat. 34° 37' S., long. 58° 12½' W.

SOUTH AMERICA—CHILE.

PATAGONIAN CHANNELS.—ENGLISH NARROWS.

(2.) *Buoy Marking Lookout Shoal.*

The Chilean Government has given notice, that a buoy has been placed to mark Lookout Shoal, southern entrance to English Narrows:—

The buoy, cylindrical in shape, is painted red and white in vertical stripes, with the name "Lookout" in white letters on a black ground; it lies in 26 feet water, with the centre of Zealous Islet bearing N. 3¼° E., and the north extreme of Chinnoek Island N. 87½° E., distant 3 cables.

(3.) *Buoy Marking Mindful Shoal.*

Also, that a buoy has been placed to mark Mindful Shoal, southern entrance to English Narrows:—

The buoy, cylindrical in shape, is painted red and white in vertical stripes, with the name "Mindful" in white letters on a black ground; it lies in 24 feet water, with the centre of Zealous Islet bearing N. 6¼° E., the north extreme of Chinnoek Island S. 48° E., and the centre of the ledges lying eastward of Croft Islet, S. 60½° W.

(4.) *Buoy Marking Zealous Shoal.*

Also, that a buoy has been placed to mark Zealous Shoal, eastern side of the fairway, English Narrows:—

The buoy, conical in shape, painted red and white in vertical stripes, with the name "Zealous" in white letters on a black ground, is surmounted by staff and globe painted white; it lies in 7 fathoms water, with the centre of Zealous Islet bearing N. 40° E., distant one cable, and the south extreme of Mid Channel Island N. 10° W.

(5.) *Alterations in Caution (Kosmos) Shoal Buoy.*

Also, that the buoy previously marking Caution (Kosmos) Shoal, northern entrance to English