

three minutes, thus:—blast, three seconds duration; silence, eighty-seven seconds; blast, three seconds; silence, three seconds; blast, three seconds; silence, eighty-one seconds.

The signal can be put in action instantaneously. Approximate position, lat. $49^{\circ} 55' N.$, long. $0^{\circ} 57\frac{1}{2}' E.$

This Notice affects the following Admiralty Charts:—English Channel, Nos. 1598, 2675c; River Durdent to Cayeux, No. 2147. Also, Channel Pilot, Part II, 1899, page 523; List of Lights, Part IV, 1899, No. 41.

No. 652.—FRANCE—NORTH COAST.

Cayeux North Light—Amended Sectors.

WITH reference to Notice to Mariners No. 530 of 1899:—

The French Government has given further notice, dated 28th September, 1899, of the following amendments to the sectors of the light north of Cayeux:—

Cayeux North Light shows green between N. $33^{\circ} E.$ and N. $63^{\circ} E.$, white between N. $63^{\circ} E.$ and N. $79^{\circ} E.$, red between N. $79^{\circ} E.$, through east and S. $24^{\circ} E.$, and white between S. $24^{\circ} E.$ and S. $33^{\circ} W.$ Otherwise the light remains the same as before.

Approximate position, lat. $50^{\circ} 11' 40'' N.$, long. $1^{\circ} 30' 45'' E.$

[Variation 15° Westerly in 1899.]

This Notice affects the following Admiralty Charts:—English Channel, No. 2675c; Fécamp to Boulogne, No. 2612; River Durdent to Cayeux, No. 2147; Cayeux to Boulogne, No. 2148. Also, List of Lights, Part IV, 1899, No. 33; Channel Pilot, Part II, 1897, page 539.

No. 653.—BAY OF BENGAL—ANDAMAN ISLANDS.

Rock Reported in Duncan Passage.

THE Government of India has given notice, dated 13th September, 1899, that the Master of the steamship "Onipenta" reports having, on 21st August, 1899, struck a submerged rock or wreck in Duncan Passage northward of Little Andaman Island, when the soundings were 16 fathoms, and South Brother Island bore S. $64^{\circ} E.$, distant $8\frac{1}{2}$ miles.

Approximate position, lat. $11^{\circ} 0' 0'' N.$, long. $92^{\circ} 28' 30'' E.$

[Variation 3° Easterly in 1899.]

This Notice affects the following Admiralty Charts:—Bassein River to Pulo Penang, No. 830; Andaman Islands, No. 825; Port Blair to Little Andaman Island, No. 1898. Also, Bay of Bengal Pilot, 1892, page 282.

No. 654.—BLACK SEA.

Kodor Point—Light Established.

THE Russian Government has given notice, dated 2nd September, 1899, that a light has been established on Kodor Point, northern shore of the Black Sea.

Kodor Point Light is an alternating light, showing red and white flashes in quick succession. It is elevated 27 feet above the sea, and visible in clear weather from a distance of 6 miles between the bearings S. $5^{\circ} E.$, through east and north, and N. $27^{\circ} W.$

The light is shown from a box on a wooden tressel 19 feet high.

Approximate position on Chart No. 2235, lat. $42^{\circ} 50' 45'' N.$, long. $41^{\circ} 5' 0'' E.$

[Variation 0° in 1899.]

This Notice affects the following Admiralty Charts:—Black Sea, No. 2214; Fort Anakria

to Kertch Strait, No. 2235. Also, List of Lights, Part V, 1899, page 210; Dardanelles, Sea of Marmara, Bosphorus, and Black Sea Pilot, 1893, page 309.

No. 655.—AUSTRALIA—SOUTH COAST.

Geelong Harbour—Dredging Operations and Signals.

THE Government of the Colony of Victoria has given notices, dated 25th and 30th August, 1899, that dredging operations are in progress in the Hopetoun Channel. Brackets and signals will be erected on the channel beacons for dredging purposes only, projecting towards the channel a distance of 26 feet.

The dredger will exhibit a ball by day and three red lights vertical by night from the side on which vessels may pass. By night the dredger is moored on the south side of the channel; vessels must then pass northward of her.

Vessels must pass the dredger at the slowest possible speed and stop engines while passing over the chains.

Approximate position, Point Henry, lat. $38^{\circ} 7' 55'' S.$, long. $144^{\circ} 25' 30'' E.$

This Notice temporarily affects the following Admiralty Chart:—Geelong Harbour, No. 2731.

**No. 656.—FRANCE, NORTH COAST—
ILE DE BAS.**

Penzé (Rivière Saint Pol de Léon)—Amended Position of Rocks.

WITH reference to Notice to Mariners No. 388 of 1899:—

The French Government has given further notice, dated 28th September, 1899, of the amended position of a rock in the entrance to R. St. Pol de Léon.

A rock with a depth of 4 feet on it at lowest water lies with Forc'h Bihan Tower bearing S. $40^{\circ} W.$, distant $1\frac{1}{2}$ cables (and not S. $50^{\circ} W.$ as given in the former Notice), and Pointe Beion N. $53^{\circ} W.$

Approximate position of Forc'h Bihan Tower, lat. $48^{\circ} 42' 10'' N.$, long. $3^{\circ} 56' 55'' W.$

[Variation 17° Westerly in 1899.]

This Notice affects the following Admiralty Chart:—Ile de Bas and adjacent Coasts, No. 2745. Also, Channel Pilot, Part II, 1897, page 40.

**No. 657.—CHINA—EAST COAST.—
LIAU RIVER.**

Newchwang Temporary Light-Vessel Replaced by Permanent Vessel and Character of Light Altered.

THE Chinese Government has given notice, dated 1st September, 1899, that Newchwang temporary light-vessel has been withdrawn and replaced by the permanent vessel, and that the light is as follows:—

Newchwang Light is a flashing white catoptric light, every thirty seconds, elevated 35 feet above the sea, and visible in clear weather from a distance of 11 miles.

A small light is shown from the fore-stay.

The light-vessel is painted red, with the name "Newchwang" in white letters on each side, and has three masts, the mainmast surmounted by a black ball.

During thick or foggy weather a steam foghorn will be sounded every ten seconds.

If the light-vessel drifts from her station to where she is no guide to shipping, the usual light will not be shown, but a fixed red light will be exhibited from each end of the vessel; the ball will be struck as soon as possible, and till struck it will be surmounted by a red flag.