

This Notice affects the following Admiralty Charts:—Formosa, to Pernambuco, No. 890; Pernambuco Roads, No. 969. Also, South America Pilot, Part I, 1885, pages 41–45; and Supplement, 1890, relating to South America Pilot, Part I, page 3.

No. 580.—NORTH SEA AND BALTIC STATION.

ELBE RIVER.

Intended Alteration in Light shown from Elbe No. IV Light-Vessel.

THE German Government has given notice, dated 4th November, 1893, that it is intended to substitute an occulting light for the fixed white light shown from Elbe No. IV Light-vessel:—

Elbe No. IV Light-vessel Light will be an occulting red and white light, with a period of one minute, thus:—White light, eight seconds; eclipse, twelve seconds; white light, eight seconds; eclipse, twelve seconds; red light, eight seconds; eclipse, twelve seconds.

Approximate position, lat. $53^{\circ} 55' 50''$ N., long. $8^{\circ} 40' 15''$ E.

This Notice affects the following Admiralty Chart:—Elbe, Weser, and Jade Rivers, No. 1875. Also, List of Lights, Part II, 1893, No. 233; and North Sea Pilot, Part IV, 1892, page 200.

No. 581.—NORTH SEA AND BALTIC STATION.

ORKNEY ISLANDS—SHAPINSAY SOUND.

Intended Fixed and Flashing Light on Helliar Holm.

THE Commissioners of Northern Lighthouses have given notice, that on 1st December, 1893, a light will be exhibited from a lighthouse recently erected on the southern point of Helliar Holm:—

Helliar Holm Light will be a fixed and flashing red and white light, showing a flashing white light every ten seconds from N. 63° W. to N. 46° W. (in the fairway between Haco Ness and Berwick Head); a fixed red light from N. 46° W. to N. 5° W.; a fixed white light from N. 5° W., through north and east, to S. 61° E.; a fixed red light from S. 61° E. to S. 40° E. (in the fairway between Thieves Holm and Twi Ness); and a fixed white light from S. 40° E. to S. 20° E.; in other directions it will be obscured.

It will be elevated 86 feet above high water, 66 feet above the ground, and visible in clear weather from a distance of 15 miles.

Approximate position, lat. $59^{\circ} 1' 10''$ N., long. $2^{\circ} 54' W.$

[Variation 20° Westerly in 1893.]

This Notice affects the following Admiralty Charts:—Scotland, No. 2397b; Orkney Islands, Nos. 2180a, 2180b; Approaches to Kirkwall, No. 2584. Also, List of Lights, Part I, 1893, No. 400a; and North Sea Pilot, Part I, 1887, page 178.

No. 582.—CHANNEL AND WESTERN STATION.

ENGLAND—WEST COAST.—BRISTOL CHANNEL.

Intended Occulting Light on Blacknore Point.

THE Trinity House, London, has given notice, that on or about 19th April, 1894, a light will be exhibited from a lighthouse about to be erected on Blacknore Point, south side of Bristol Channel:—

Blacknore Point Light will be an occulting white light, visible from N. 64° E., through east and south, to S. 83° W., and showing two occultations in quick succession every twenty seconds, thus:—light, thirteen and one-half seconds;

eclipse, two seconds; light, two and one-half seconds; eclipse, two seconds. It will be elevated 36 feet above high water, and visible in clear weather from a distance of 11 miles.

From south-westward of Swallow Point the light will be obscured by that point when bearing northward of N. 71° E.

The lighthouse will be a cylindrical tower, 36 feet high, built on piles, and situated 27 yards within high water mark at Blacknore Point.

Approximate position, lat. $51^{\circ} 29' 5''$ N., long. $2^{\circ} 47' 35''$ W.

Further notice will be given when the light is exhibited.

[Variation 20° Westerly in 1893.]

This Notice affects the following Admiralty Charts:—Ireland, East Coast, No. 1824a; Bristol Channel, No. 1179; Nash Point to New Passage, No. 2682; King Road, No. 1859. Also List of Lights, Part I, 1893, page 142; and Sailing Directions for the West Coast of England, 1891, page 195.

No. 583.—ALL STATIONS.

ENGLAND—SOUTH COAST.

Intended Explosive Fog Signal at Anvil Point Lighthouse.

THE Trinity House, London, has given notice, that, on 1st February, 1894, a fog signal will be established at Anvil Point Lighthouse:—

Anvil Point fog signal will consist of an explosive signal, which during thick or foggy weather will give one report (similar to that of a gun) every ten minutes.

Approximate position, lat. $50^{\circ} 35' 30''$ N., long. $1^{\circ} 57' 30''$ W.

Further notice will be given when this fog signal is actually in operation.

This Notice affects the following Admiralty Charts:—English Channel, Nos. 1598; 2675b, Portland to Owers, No. 2450. Also, List of Lights, Part I, 1893, No. 54; and Channel Pilot; Part I, 1893, page 192.

No. 584.—PACIFIC STATION.

NORTH AMERICA—WEST COAST.—WASHINGTON.

(1.) *Strait of Georgia—Intended Light and Fog Signal on Patos Island.*

THE United States Government has given notice, that on 30th November, 1893, a light will be exhibited from a white staff, erected on Alden Point, the western point of Patos Island, southern side of Strait of Georgia:—

Patos Island Light will be a fixed red light of small power, elevated 30 feet above high water, and 10 feet above the ground.

The fog signal house, and the keeper's dwelling, each painted white, with brown roofs, are situated close south-eastward of the light staff.

Approximate position on Chart No. 2689, lat. $48^{\circ} 47' 15''$ N., long. $122^{\circ} 58' 40''$ W.

Patos Island fog signal (to be established on the same date) will consist of a Daboll trumpet which, during thick or foggy weather, will give blasts of three seconds duration, separated by silent intervals of seventeen seconds.

(2.) *Haro Strait—Intended Light and Fog Signal on Stuart Island.*

Also, that on the same date, a light will be exhibited from a white staff erected on Turn Point, the western extreme of Stuart Island:—

Turn Point Light will be a fixed white light of small power, elevated 35 feet above high water, and 10 feet above the ground.

The fog signal house, and the keeper's dwelling,