

No. 1825*b*; Wicklow to the Skerries, No. 1468; Dublin Bay, No. 1415. Also, List of Lights, Part I., 1901, No. 1068; Coast of Ireland Pilot, 1893, page 145; and Supplement, 1898, page 13.

No. 24.—ENGLAND, EAST COAST—
HARWICH APPROACH.

Rough Buoy—Position Altered.

THE Trinity House, London, has given notice, dated 30th December, 1901, that the Rough buoy (spherical, painted in red and white horizontal bands, and surmounted by a staff and cross) in the approach to Harwich has been moved about 4 cables N. 40° E. of its former position, and is now moored in a depth of 29 feet, low water springs, with Bawdsey sea mark bearing about N. 7° W., distant $5\frac{5}{10}$ miles, and Naze Tower S. 85° W.

Approximate position, lat. 51° 55' N., long. 1° 29' E.

[Variation 15° Westerly in 1902.]

This Notice affects the following Admiralty Charts:—Dover and Calais, &c., No. 1406; North Foreland to Orfordness, No. 1610; Harwich Approaches, No. 2052. Also, North Sea Pilot, Part III, 1897, page 274.

No. 25.—UNITED STATES, ATLANTIC
COAST—NEW JERSEY.

Tucker Beach—Wreck Eastward of.

THE United States Government has given notice, dated 14th December, 1901, of the existence of a wreck, with masts standing 30 feet above water, sunk about 10 miles eastward of Tucker Beach, and situated with Barnegat Lighthouse bearing north, distant 15 miles.

Approximate position, lat. 39° 31' N., long. 74° 4' W.

[Variation 8° Westerly in 1902.]

This Notice affects the following Admiralty Chart:—Approaches to New York, No. 2480. Also, Sailing Directions for the East Coast of the United States, 1899, page 528.

No. 26.—NEW ZEALAND—NORTH ISLAND
WEST COAST.

Manukau Harbour—Light Established.

THE Government of New Zealand has given notice that, on 9th December, 1901, a fixed light, elevated 70 feet above high water, and visible in clear weather from a distance of 10 miles, would be established on the northern side of the entrance to Manukau Harbour; it shows white from the bearing of N. 30° E. to N. 23° E. (through the present channel over the bar), green from N. 23° E. to North, and is obscured in other directions. The lighthouse is a small structure, 11 feet high, painted white on the seaward side, erected about half a cable, S. 41° E., from the front leading beacon, which is situated about 13 cables N. 30° E. from Paratutai.

Approximate position, lat. 37° 2' S., long. 174° 33' E.

[Variation 14° Easterly in 1902.]

CAUTION.—The bar is subject to constant change, and strangers should not attempt to cross it, especially at night.

This Notice affects the following Admiralty Chart:—Manukau Harbour, No. 2726. Also, List of Lights, Part VI, 1901, page 236; and New Zealand Pilot, 1901, page 250.

No. 27.—UNITED STATES, ATLANTIC
COAST—MASSACHUSETTS.

Pollock Rip Shoals—Intended Light-Vessel.

THE United States Government has given notice that, on 15th January, 1902, Steam Light-

vessel No. 73 will be established to mark the Pollock Rip Shoals in the eastern approach to Nantucket Sound.

Pollock Rip Shoals Light-vessel will exhibit two fixed lights, one red from the mainmast, at an elevation of 42 feet above the sea, and visible in clear weather from a distance of 11 miles, the other white from the foremast, at an elevation of 30 feet, and visible from a distance of 10 miles; the light-vessel, which has two masts with a red circular daymark at each masthead, is painted red with "Pollock Rip Shoals" on each side, and "73" on each bow and quarter in white, and is moored in a depth of $7\frac{1}{2}$ fathoms with Monomoy Point Lighthouse bearing S. 68° W., distant about $5\frac{4}{5}$ miles, and Chatham Light-houses N. 21° W.

Approximate position, lat. 41° 36 $\frac{1}{4}$ ' N., long. 69° 53 $\frac{1}{4}$ ' W.

During thick or foggy weather a steam whistle will give one blast every fifteen seconds, thus:—blast, three seconds; silent interval, twelve seconds.

[Variation 13° Westerly in 1902.]

This Notice affects the following Admiralty Charts:—Nantucket Shoals to Block Island, No. 2890; Nantucket Sound, No. 2489. Also, List of Lights, Part VIII, 1901, page 114; and Sailing Directions for the East Coast of the United States, 1899, page 334.

No. 28.—THE PHILIPPINE ISLANDS—
MASBATE.

Gulf of Asid—Shoal Reported.

THE United States Government has given notice, dated 21st December, 1901, of the existence of a shoal about 100 square yards in extent, with a depth of 16 feet over it at low water in the Gulf of Asid, situated with Guinlubugan Island bearing N. 63° E., distant 6 miles, and Naguran Island N. 4° E.

Approximate position, lat. 12° 0' N., long. 123° 28 $\frac{1}{2}$ ' E.

[Variation 1° Easterly in 1902.]

This Notice affects the following Admiralty Charts:—The Philippine Islands, No. 943; St. Bernardino and Mindoro Straits, No. 2577. Also, Eastern Archipelago, Part I, 1890, page 226.

No. 29.—ENGLAND—EAST COAST.

Harwich Harbour Approach—Caution.

THE attention of Mariners is hereby drawn to a Bye-law (No. 12 of the Regulations issued by the Harwich Conservancy Board) respecting vessels entering or leaving Harwich Harbour, which states:—"Steam vessels entering Harwich harbour shall approach the beach end gas buoy at a moderate speed, and should a vessel be coming out and likely to be met with near the entrance, the incoming vessel is to stop and remain to southward and eastward of the beach end buoy until the outgoing vessel has passed clear of her."

Approximate position, lat. 51° 56' N., long. 1° 19' E.

This Notice affects North Sea Pilot, Part III, 1897, pages 289, 292.

No. 30.—GENERAL NOTICE.

Nautical Almanac, 1902—Erroneous Pages in some Copies.

NOTICE is hereby given that in certain copies of a reprint of the Nautical Almanac for 1902, some pages of the Nautical Almanac for 1905 have been bound up in error.

The pages affected are from Nos. 33 to 48. Mariners are requested to examine their Nautical Almanacs for 1902, and if they find they have