

(N. 12° W.), distant 5 cables, and Bow Rock W. $\frac{3}{8}$ N. (N. 86° W.).

Approximate position, lat. $49^{\circ} 53' 55''$ N., long. $6^{\circ} 19' 0''$ W.

With reference to Notice to Mariners, No. 272 of 1894:—

b. A new conical buoy, painted red, and named South Bartholomew, has been moored in a depth of 31 feet at low water, westward of the 25 feet Rock southward of Bartholomew Ledges. From the buoy Woolpack Beacon bears E. by N. $\frac{1}{4}$ N. (N. 78° E.), distant $3\frac{3}{4}$ cables, and Bow Rock S. $\frac{1}{4}$ E. (S. 3° E.).

c. The buoy (can, black and white vertical stripes), previously known as Bartholomew Ledge Buoy, has been named North Bartholomew.

(2.) *Bristol Channel—Buoyage of English and Middle Grounds.*

Also, that the following alterations will be, and have been, made in the vicinity of English and Middle Grounds:—

a. A new conical buoy, painted black, and named North-west Elbow, will be moored in a depth of about 5 fathoms at low water, about 20th October, 1894, to mark the N.W. elbow of English grounds, in a position S.W. $\frac{3}{4}$ S. (S. 35° W.), distant $9\frac{1}{2}$ cables, from English and Welsh Grounds Light-vessel.

Approximate position, lat. $51^{\circ} 25' 50''$ N., long. $3^{\circ} 0' 0''$ W.

b. South Middle Ground buoy (can, red and white chequered) has been moved about a quarter of a mile westward, and now lies in a depth of 23 feet at low water springs, in a position with Blacknore Point Lighthouse bearing E. $\frac{1}{2}$ S. (S. 85° E.), distant 6 miles; and Wick St. Lawrence Church, South.

[Variation (1) 19° (2) 18° Westerly in 1894.]

This Notice affects the following Admiralty Charts:—The Scilly Isles, No. 34 (1); Bristol Channel, No. 1179 (2); Nash Point to New Passage, No. 2682 (2). Also, Channel Pilot, Part I, 1893, pages 42, 43; and Sailing Directions for the West Coast of England, 1891, pages 27, 197, 198.

No. 472.—ALL STATIONS.

ENGLAND—EAST COAST.

(1.) *Harwich Harbour—Buoy Eastward of Bone Shoal.*

THE Trinity House, London, has given notice, dated 18th August, 1894, that a new conical buoy, painted red, and named Walton, has been placed to mark the eastern side of the deep water channel between the Bone Shoal and the shore.

The buoy is moored in a depth of 27 feet at low water, in a position with Felixstowe South Pier Lighthouse bearing S.S.E. $\frac{1}{4}$ E. (S. 25° E.), distant $3\frac{4}{10}$ cables; and Coast Guard Flagstaff, Harwich, W. $\frac{3}{8}$ S. (S. 86° W.).

Approximate position, lat. $51^{\circ} 57' 10''$ N., long. $1^{\circ} 18' 45''$ E.

(2.) *River Thames Entrance—North Shingles Beacon Re-Erected.*

With reference to Notice to Mariners No. 479 of 1893:—

Also that North Shingles Beacon, an iron cylindrical pillar, surmounted by a St. Andrew's Cross, the top of which is 36 feet above high water; has been re-erected in a position three-quarters of a cable S. by W. (S. 12° W.) from the site of the former beacon; or with South Shingles Beacon bearing S. $\frac{1}{4}$ W. (S. 2° W.), distant $2\frac{6}{10}$ miles nearly; and N.W. Shingles Beacon W. $\frac{1}{4}$ S. (S. 87° W.).

Approximate position, lat. $51^{\circ} 32' 15''$ N., long. $1^{\circ} 15' E.$

[Variation 16° Westerly in 1894.]

This Notice affects the following Admiralty Charts:—Harwich Approaches, No. 2052; Harwich Harbour, No. 1491; North Foreland to Orfordness, &c., No. 1610; North Foreland to the Nore, No. 1607. Also, North Sea Pilot, Part III, 1889, pages 283, 337.

No. 473.—CAPE, EAST INDIES, CHINA, AND AUSTRALIA STATIONS.

CHINA SEA.—BALABAC STRAIT.

Banguay West Channel—Reef Reported Northward of Manyangit Point.

INFORMATION has been received, through the Board of Trade that the Master of the steam-vessel "Poh Ann" reports that, on 3rd March, 1894, that vessel, drawing 14 feet water, struck an obstruction, supposed to be a coral reef, situated with Manyangit Point bearing about S. $\frac{1}{2}$ W. (S. 5° W.), distant $1\frac{1}{2}$ miles; and Samarang Point E.N.E. (N. 67° E.).

Approximate position, to be considered doubtful, lat. $7^{\circ} 19\frac{1}{4}'$ N., long. $117^{\circ} 4' E.$

[Variation 2° Easterly in 1894.]

This Notice affects the following Admiralty Charts:—Palawan Island, No. 967; Balabac Strait, No. 948. Also, Sailing Directions for Eastern Archipelago, Part II, 1890, page 155; and China Sea Directory, Vol. II, 1889, page 193.

No. 474.—CHINA, AUSTRALIA, AND PACIFIC STATIONS.

EASTERN ARCHIPELAGO—LOMBOK STRAIT.

Coral Reef North-Eastward of Trawangan (North Island).

THE Government of Batavia has given notice, dated 17th July, 1894, of the existence of a coral reef, about one cable long S. by W. and N. by E., and half a cable broad, with a least depth of $4\frac{1}{2}$ fathoms on it, and 11 to 20 fathoms around, lying with north point of Trawangan bearing W. by S. $\frac{5}{8}$ S. (S. 72° W.), distant 2 miles; and east extreme of Lajar S.E. $\frac{1}{2}$ S. (S. 40° E.).

Approximate position, lat. $8^{\circ} 19' S.$, long. $116^{\circ} 3' 30'' E.$

[Variation 2° Easterly in 1894.]

This Notice affects the following Admiralty Chart:—Island of Java, &c., No. 1654. Also, Sailing Directions for Eastern Archipelago, Part II, 1893, page 227.

No. 475.—NORTH SEA AND BALTIC STATIONS.

NORTH SEA.

Sunken Wreck eastward of Maas Light-vessel.

THE Netherlands Government has given notice, dated 22nd August, 1894, that a pilot cutter has sunk, after collision, in a position about two miles E. by S. (S. 79° E.) from Maas Light-vessel, or approximately in lat. $52^{\circ} 1\frac{1}{2}'$ N., long. $3^{\circ} 56\frac{1}{2}' E.$

[Variation 15° Westerly in 1894.]

This Notice temporarily affects the following Admiralty Charts:—North Sea, No. 2182a; North Foreland to Orfordness, No. 1610; Mouths of the Maas, No. 122. Also, North Sea Pilot, Part IV, 1892, page 136.

No. 476.—MEDITERRANEAN STATION.

MEDITERRANEAN—MALTA.

Valetta Harbour—Intended Alteration in Time Signal.

INFORMATION has been received from the Commander-in-Chief in the Mediterranean that, on 1st November, 1894, Mid-European mean time