

Mediterranean, &c., 1891, No. 1010; and Black Sea Pilot, 1884, pages 90, 82.

No. 617.—ALL STATIONS.

NORTH ATLANTIC OCEAN.

*Liverpool and New York—Steam Ship Routes.*

INFORMATION has been received from the Cunard Steamship Company, Liverpool, that the principal Trans-Atlantic Steamship Companies of that port have adopted the undermentioned routes between Liverpool and New York.

It is also stated that the North German Lloyd Company are adopting the same routes, subject to the slight difference arising from their vessels leaving, and arriving at, Southampton, instead of Queenstown.

*Outward Routes.*

From 15th January to 14th July inclusive, from Fastnet Rock on Great Circle Course (nothing to the southward) to cross the meridian of 49° W. in lat. 42° 30' N., thence to Sandy Hook, passing 20 miles south of Nantucket Light-vessel.

From 15th July to 14th January inclusive, from Fastnet Rock on Great Circle Course (nothing to the southward) to cross the meridian of 49° W. in lat. 46° N., thence to Sandy Hook, keeping at least 55 miles south of Virgin Rocks and Sable Island, and 20 miles south of Nantucket Light-vessel.

*Homeward Routes.*

At all seasons of the year steer a course from Sandy Hook Light-vessel to cross the meridian of 70° W. in lat. 40° 10' N.

From 15th January to 14th July inclusive, steer a course from long. 70° W., lat. 40° 10' N., to cross the meridian of 49° W., in lat. 41° 40' N., and thence on Great Circle Course (nothing to the northward) to Fastnet Rock.

From 15th July to 14th January inclusive, steer courses from long. 70° W., lat. 40° 10' N., to cross the meridian of 60° W., in lat. 42° 5' N., and the meridian of 45° W. in lat. 46° 30' N., and thence on Great Circle Course (nothing to the northward) to Fastnet Rock.

This Notice affects the Admiralty General Charts of the North Atlantic Ocean. Also, Newfoundland and Labrador Pilot, 1887, pages 17, 18; and Sailing Directions for the South East Coast of Nova Scotia and Bay of Fundy, 1885, page 17.

No. 618.—BALTIC STATION.

BALTIC—RUSSIAN COAST.

*Libau—Buoys Marking Harbour Works in Progress.*

THE Russian Government has given notice, dated 5th November, 1891, that the harbour works in progress at Libau are marked by gas and other buoys.

NOTE.—Vessels should approach these works with caution, and keep outside the buoys till the pilot is on board.

This Notice affects the following Admiralty Charts:—Baltic Sea, with plan of Libau, No. 2842*b*; Memel to Libau, No. 2371. Also, Baltic Pilot, 1888, page 189.

No. 619.—CHINA, AUSTRALIA, AND PACIFIC STATIONS.

EASTERN ARCHIPELAGO—BANDA SEA—KÉ ISLANDS.

*Reef Northward of Rumadan Island.*

THE Government of Batavia has given notice, dated 29th October, 1891, that the Commander of H.N.M.S. "Van Speijk" reports the existence

of a reef lying about five miles northward of Rumadan Island, Ké Islands:—

The reef northward of Rumadan Island, about three cables long in a south-east and north-west direction, has probably less than two fathoms water on it, and is visible from discoloration of the water, and rippling of the tide.

Approximate position, lat. 5° 23' 10" S., long. 132° 43' 40" E.

This Notice affects the following Admiralty Chart:—Eastern Archipelago, No. 942*b*. Also, Sailing Directions for the Eastern Archipelago, 1890, page 437; and Australia Directory, Vol. III, 1881, page 29.

No. 620.—MEDITERRANEAN STATION.

MEDITERRANEAN.

ADRIATIC—GULF OF QUARNERO.—PAGO ISLAND.

*Shoal westward of Loni Point.*

INFORMATION has been received, that a shoal, with 3½ fathoms water on it, lies with Loni Point, the north-west extreme of Pago Island, bearing E. by S. distant about five cables.

Approximate position, lat. 44° 42' 15" N., long. 14° 43' 10" E.

[Variation 9° Westerly in 1891.]

This Notice affects the following Admiralty Charts:—Adriatic Sea, No. 1440; Cape Promontore to Grossa Island, No. 2711. Also, Mediterranean Pilot, Vol. III, 1890, page 199.

No. 621.—NORTH SEA, AND BALTIC STATIONS.

BALTIC ENTRANCE—THE KATTEGAT.—JUTLAND—NORTH COAST.

*Automatic Whistle Buoy Westward of the Skaw or Skagen.*

THE Danish Government has given notice, dated 2nd December, 1891, that an automatic whistle buoy, painted red and marked "Höien" in white letters, has been placed westward of the Skaw or Skagen, in 12½ fathoms water, with the beacon at Old Skagen bearing S. 60° E., distant about 1½ miles.

Approximate position, lat. 57° 44' 10" N., long. 10° 29' E.

[Variation 12° Westerly in 1891.]

This Notice affects the following Admiralty Charts:—North Sea, No. 2339; Baltic Sea, No. 2842*a*; the Skagerrak or Sleeve, No. 2289; the Kattegat, No. 2114. Also, North Sea Pilot, Part IV, 1887, page 311; Danish Pilot, 1885, page 35; and Supplement, 1890, relating to Danish Pilot, page 13.

No. 622.—BALTIC STATION.

BALTIC ENTRANCE—THE SOUND.—SLELLAND—NORTH COAST.

*Ostindiefarer Grund Buoy—Alteration in Character.*

THE Danish Government has given notice, dated 2nd December, 1891, that the red can buoy previously marking Ostindiefarer Grund, northward of Gilbjerg Head, Sjølland, has been replaced by an automatic whistle buoy, painted red and marked "Ostindiefarer Grund" in white letters; it is moored in 4½ fathoms water.

Approximate position, lat. 56° 9' 30" N., long. 12° 18' 45" E.

This Notice affects the following Admiralty Charts:—Baltic Sea, No. 2842*a*; The Kattegat, No. 2114; The Sound, No. 2115. Also, Danish Pilot, 1885, page 129.