

mouth and Lowestoft roads, No. 1543; Orfordness to Flamborough Head, No. 2182; Flamborough Head to Moray Frith, No. 2248; Lynn and Boston Deeps, No. 108; Trusthorpe to Flamborough Head, No. 1190; Flamborough Head to the Tees, No. 1191; Tees to Blyth, No. 1192; Tees Bay, No. 2567; Blyth to Eyemouth, No. 1193; and Coquet Road and Channel, No. 1721.

#### NOTICE TO MARINERS.

(No. 48).—CAPE BRETON ISLAND—GUT OF CANSO.

##### *Fixed Light—Ship Harbour.*

THE Canadian Government has given notice, that from the 15th day of April, 1870, a light would be exhibited from a lighthouse recently erected on Point Tupper (Stapleton point), south point of Ship Harbour.

The light is a *fixed red* light, elevated 44 feet above the level of high water, and in clear weather should be seen from the northern entrance of the Gut of Canso, which is 7 miles distant, and from the south (in consequence of the intervention of the land) about 3 miles.

The tower is square. 24 feet high, and painted white; it stands 117 feet from the extremity of the point, and its position is lat. 45° 36' 40" N., long. 61° 22' 0" West from Greenwich.

By command of their Lordships,  
*Geo. Henry Richards*, Hydrographer.  
Hydrographic Office, Admiralty, London,  
29th April, 1870.

This notice affects the following Admiralty Charts:—Gut of Canso, &c., No. 2342; Gulf of St. Lawrence, No. 2516; Cape Breton Island, No. 2727; and St. John's to Halifax, No. 2666. Also, St. Lawrence Pilot, Vol. II, 4th edition, page 148.

#### NOTICE TO MARINERS.

(No. 49).—ENGLAND—EAST COAST.

##### *Leading Lights, River Humber.*

THE Trinity House, Hull, has given notice, that in the course of about three months, four leading lights will be exhibited upon the northern, or Yorkshire, shore of the River Humber, for the purpose of facilitating the navigation between Paull and Kingston-upon-Hull, viz.—

Two at Thorngumbald Clough, about half-mile to the southward of Paull Lighthouse.

Two at Salt End, northward of Paull Lighthouse, near Heden Haven.

For vessels bound up the river, the present Killingholme lights serve as leading lights to the point where the new lights at Thorngumbald Clough will become leading lights, and the latter will serve as such until the two lights at Salt End are in one, when the last-mentioned will guide a vessel up to the Victoria Dock Pier, or to Hull-road.

On the exhibition of the four new lights, the light at Paull will be discontinued and eventually the Hebbles floating light will be discontinued and the vessel removed.

Also, that further notice will be given before the lights are exhibited.

#### THAMES ENTRANCE.

##### *Alteration of Maplin Spit Buoy.*

The Trinity House, London, has given notice, that in consequence of the Maplin sand having

extended in a southerly direction from the lighthouse, the Maplin Spit Buoy has been moved one cable to the southward, and has been changed from a can to a *conical buoy with staff and globe*.

The buoy now lies in 15 fathoms at low water springs with the Maplin Lighthouse bearing N.E.  $\frac{1}{10}$  of a mile and Maplin Buoy W.  $\frac{1}{2}$  S.  $1\frac{1}{10}$  miles.

As Maplin Spit has become dangerous, mariners are cautioned to give the lighthouse a wide berth in passing.

[All bearings are Magnetic. Variation  $19\frac{1}{2}$ ° Westerly in 1870.]

By command of their Lordships,

*Geo. Henry Richards*, Hydrographer.  
Hydrographic Office, Admiralty, London,  
30th April, 1870.

This notice affects the following Admiralty Charts:—Thames to St. Abbs Head, No. 2902 a; Trusthorpe to Flamborough Head, No. 1190; Humber River, No. 109; English Channel, No. 2675 a; and Thames River, Nos. 1975, 1607, and 1610. Also, British Lights List, Nos. 142 and 143; and North Sea Pilot, part III., page 91.

#### NOTICE TO MARINERS.

(No. 50).—ENGLISH CHANNEL—ENTRANCE.

##### *Telegraph Ship.*

WITH reference to Notice to Mariners, No. 10, dated 21st January, 1870, respecting the establishment of a Telegraphic Station Vessel by the International Mid-Channel Telegraph Company, off the entrance to the English Channel:—

Notice is hereby given, that the ship ("Brisk") is now moored in position on the Admiralty Patch in—

Latitude 49° 20' 30" N.

Longitude 6° 17' West of Greenwich.

From the Telegraph Ship—

Bishop Rock Lighthouse bears N. by E., distant 33 miles.

Wolf Rock bears N.E.  $\frac{1}{2}$  E., distant 40 miles.

Land's End bears N.E.  $\frac{1}{4}$  E., distant 49 miles.

Lizard bears E. by N.  $\frac{1}{4}$  N., distant 56 miles.

Ushant Lighthouse bears S. by E.  $\frac{3}{4}$  E., distant 70 miles.

The vessel is painted black, with the words "Telegraph Ship" in white letters on her sides; she has three masts, and at the top of the mainmast a large black cone will be hoisted during daytime, and a powerful globular light at night, elevated 30 feet above the sea, which in clear weather should be seen from a distance of six miles.

A flare-up light will also be shown every 15 minutes during the night, from an hour after sunset to an hour before sunrise.

During foggy weather, day or night, a bell will be rung continuously for half-a-minute every quarter of an hour, and until the 1st day of October, 1870, a gun will be fired every quarter of an hour, and after that date, every hour.

The Commercial Code of Signals for the use of all Nations will be used on board, to the exclusion of all other codes, and none other can be noticed.

[All bearings are magnetic. Variation 23° Westerly in 1870.]

By command of their Lordships,

*Geo. Henry Richards*, Hydrographer.  
Hydrographic Office, Admiralty, London,  
30th April, 1870.

This notice will affect the following Admiralty Charts:—English Channel, Nos. 1598 and 2675 c;