

dated 24th March, 1892, that a gas buoy, from which is exhibited a fixed white light, has been placed near the inner edge of Stroom Bank, approach to Ostende from the westward, with Mariakerke Church bearing S.E.  $\frac{1}{2}$  E., distant about  $1\frac{1}{10}$  miles. The buoy is painted black, with white horizontal stripes.

Approximate position, lat.  $51^{\circ} 13' 20''$  N., long.  $2^{\circ} 50' E.$

[Variation  $15^{\circ}$  Westerly in 1892.]

This Notice affects the following Admiralty Charts:—North Sea, No. 2182a; Calais to Scheveningen, No. 1406; Calais to the River Schelde, No. 1872; Ostende Roads, No. 125. Also, North Sea Pilot, Part IV, 1887, pages 90, 92–94.

#### No. 144.—NORTH AMERICA AND WEST INDIES STATION.

UNITED STATES—MASSACHUSETTS.  
NEW BEDFORD HARBOUR.

##### *Discontinuance of Fairhaven Bridge Light.*

THE United States Government has given notice, that as the course to clear Butler Flat is now indicated by Palmer Island Light kept in line with a fixed white electric light recently established on Mill No. 3 at Wamsutta, the light (flashing red) previously shown from Fairhaven Bridge, New Bedford Harbour, would be discontinued on 31st March, 1892.

Approximate position of Wamsutta Light, lat.  $41^{\circ} 38' 55''$  N., long.  $70^{\circ} 55' 35''$  W.

NOTE.—The illuminating apparatus of Fairhaven Bridge Light will, however, be retained in place, in order that it may be temporarily exhibited, should Wamsutta Mill Light be accidentally extinguished.

This Notice affects the following Admiralty Plan:—New Bedford Harbour, No. 2880. Also, List of Lights, Part VII, 1892, page 84, No. 622a; and Sailing Directions for the Principal Ports of the United States, 1882, pages 88, 90.

#### No. 145.—ALL STATIONS.

ENGLAND—EAST COAST.

##### *Smith's Knoll Light-vessel—Intended Alteration in Character of Fog Signal.*

THE Trinity House, London, has given notice, that on or about 1st July, 1892, it is intended to alter the character of the fog signal on board Smith's Knoll Light-vessel, from two blasts (high, low) every two minutes as at present, to two blasts (low, high) every two minutes.

This Notice affects List of Lights, Part I, 1892, No. 177. Also, North Sea Pilot, Part III, 1889, page 215.

#### No. 146.—NORTH SEA, AND BALTIC STATIONS.

ENGLAND—EAST COAST.

##### *North Outer Dowsing Buoy Altered in Position.*

THE Trinity House, London, has given notice, dated 30th March, 1892, that North Outer Dowsing Buoy has been moved about 5 cables north of its previous position, and now lies in 36 feet at low water spring tides, with Outer Dowsing Light-vessel bearing S.  $\frac{1}{2}$  E., distant  $5\frac{1}{2}$  miles.

Approximate position, lat.  $53^{\circ} 31' 50''$  N., long.  $1^{\circ} 1' 10''$  E.

[Variation  $17^{\circ}$  Westerly in 1892.]

This Notice affects the following Admiralty Chart:—Blakeney to Flamborough Head, No. 1190. Also, North Sea Pilot, Part III, 1889, page 199.

#### No. 147.—ALL STATIONS.

ENGLAND.—EAST COAST.—RIVER THAMES APPROACHES.

##### *Intended Alterations in the Positions of Kentish Knock Light-vessel, and Long Sand Head Bell Buoy.*

THE Trinity House, London, has given notice, that on or about 1st July, 1892, it is intended to alter the positions of the undermentioned sea marks, as follows:—

1. Kentish Knock Light-vessel will be moved  $1\frac{1}{2}$  miles W.N.W. from her present position, and will then be about 1 mile eastward of the 5-fathom line of that shoal.

Approximate present position, lat.  $51^{\circ} 35\frac{1}{2}'$  N., long.  $1^{\circ} 42' E.$

2. Long Sand Head Bell Buoy will be moved 5 cables S.W. by W.  $\frac{1}{2}$  W. from its present position, and will then be about 4 cables northward of the 5-fathom line of that shoal.

Approximate present position, lat.  $51^{\circ} 47' N.$ , long.  $1^{\circ} 37\frac{1}{2}' E.$

Further particulars will be given when the above alterations have been effected.

NOTE 1.—North-east Bawdsey Buoy has recently been surmounted by a staff and globe. Approximate position, lat.  $52^{\circ} 1\frac{1}{2}' N.$ , long.  $1^{\circ} 35\frac{1}{2}' E.$

NOTE 2.—North Outer Gabbard Buoy has recently been surmounted by a staff and globe. Approximate position, lat.  $51^{\circ} 59\frac{1}{2}' N.$ , long.  $2^{\circ} 3\frac{1}{2}' E.$

[Variation  $16^{\circ}$  Westerly in 1892.]

This Notice affects the following Admiralty Charts:—North Sea, No. 2182a; English Channel, Nos. 1598, 2675c (1); Dover to Orford Ness, No. 1406; North Foreland to Orford Ness, No. 1610; Kentish Knock to West Swin, No. 1975 (1, 2); Harwich Approaches, No. 2052 (2, note 1). Also, List of Lights, Part I, 1892, No. 148; and North Sea Pilot, Part III, 1889, pages 262, 290, 266, 291, 259, 289.

#### No. 148.—PACIFIC STATION.

UNITED STATES—WASHINGTON.

##### *Light-vessel with Fog Signal off Columbia River Entrance.*

THE United States Government has given notice, that on 15th April, 1892, or as soon after as possible, Light-vessel, No. 50, will be moored in 30 fathoms at low water, off Columbia River Entrance:—

From Columbia River Light-vessel will be exhibited two fixed white lights, elevated 30 feet above the sea, and visible in clear weather from a distance of about 10 miles.

The illuminating apparatus is catoptric.

The vessel has two masts, is schooner rigged, with no bowsprit. The hull is painted red, with "Columbia River" in large black letters on her sides, and "No. 50" in black figures on each quarter; she carries at each masthead a circular framework, painted red; a black funnel and the fog signal are between the masts.

Approximate position, lat.  $46^{\circ} 13' 15'' N.$ , long.  $124^{\circ} 13' 15'' W.$

During thick or foggy weather, a 12-inch steam whistle on board Columbia River Light-vessel will give blasts of five seconds duration at intervals of fifty-five seconds.

NOTE.—After the light-vessel is in position, should there be any alteration from the description above given, further notice will be issued.

This Notice affects the following Admiralty Charts:—Cape Mendocino to Vancouver Island, No. 2531. Also, List of Lights, Part VI, 1892, No. 200\*.