

Port St. Vincent, No. 2907; Port Noumea, No. 480. Also, Admiralty List of Lights in South Africa, &c., 1879, page 44.

#### NOTICE TO MARINERS.

(No. 96.)—NORTH SEA—EMS RIVER.

(1.) *Borkum Flat Light-vessel, intended Alteration in Fog Signal.*

THE German Government has given notice, that during the summer of 1879, it is intended to make the following alteration in the fog signal at Borkum Flat Light-vessel:—

The signal will be altered to a syren worked by a caloric engine, which during thick and foggy weather will give a blast of five seconds' duration every minute.

(2.) *Visibility of Borkum Island Temporary Light, and intended New Light.*

Also, with reference to Notice to Mariners, No. 28, of 25th February, 1879, on the exhibition of a temporary fixed light on Borkum Island in consequence of injury to the lighthouse by fire:—

Further notice has been given, that the light is elevated 118 feet above high water, and should be visible in clear weather from a distance of 15½ miles.

Also, that a new lighthouse is to be erected on Borkum Island, in place of the one recently damaged by fire, and that about the middle of November, 1879, a light will be exhibited therefrom.

The light will be a fixed and flashing light, showing a flash every two minutes, it will be elevated about 200 feet above high water, and should be visible in clear weather from a distance of about 21 miles—at the distance of from 14 to 16 miles a faint continuous light will be seen.

NOTE.—The old lighthouse will remain as a leading mark, and when kept in line with the new lighthouse will indicate a channel of 24 feet at low water.

By command of their Lordships,

*Fredk. J. Evans*, Hydrographer.

Hydrographic Office, Admiralty, London,  
28th June, 1879.

This Notice affects the following Admiralty Charts:—North Sea, No. 2182*a*; Ameland to Jade River, No. 2593. Also, Admiralty List of Lights in the North Sea, 1879, Nos. 139 and 140; and North Sea Pilot, Part IV, 1878, page 185.

#### NOTICE TO MARINERS.

(No. 97.)—ENGLAND—SOUTH COAST. PLYMOUTH SOUND.

(1) *Fixed Light on Mount Batten Breakwater.*

NOTICE is given, that a light is now exhibited from the extremity of the breakwater in course of construction at the west end of Mount Batten, entrance to Catwater and Sutton Pool:—

The light is a fixed white light.

NOTE.—The light will be moved outwards as the works progress. It is intended to extend the breakwater from Mount Batten in the direction of the Cobbler Buoy for a distance of 300 yards; the foundation has been laid for 166 yards.

SCOTLAND—EAST COAST.—PETERHEAD.

(2) *Re-exhibition of South Harbour Light, and Opening of South Harbour.*

With reference to Notice to Mariners, No. 124, of 10th September, 1878, on the discontinuance of South Harbour Light, and closing of South Harbour, Peterhead:—

The Peterhead Harbour Authorities have given further notice, that on 12th July, 1879, the light

at the entrance of Peterhead South Harbour will be re-exhibited.

Also, that on 12th July, 1879, Peterhead South Harbour will be opened to shipping, the depth in the basin of the harbour being 6 feet at low-water ordinary spring tides.

NOTE.—The works of excavating and deepening the entrance to the harbour being still in progress, mariners must use the utmost caution in approaching it.

By command of their Lordships,

*Fredk. J. Evans*, Hydrographer.

Hydrographic Office, Admiralty, London,  
4th July, 1879.

This Notice affects the following Admiralty Charts:—

(1.) Plymouth Sound, No. 30. Also, Admiralty List of Light in the British Islands, 1879, No. 15*a*; and Channel Pilot, Part I, 1878, page 90.

(2.) North Sea, No. 2182*b*; Aberdeen to Banff, No. 1409; Scotland, East Coast, with plan of Peterhead, No. 2397*a*; Peterhead, No. 1438. Also, Admiralty List of Lights in the British Islands, 1879, No. 267; and North Sea Pilot, Part II, 1875, pages 117 and 118.

#### NOTICE TO MARINERS.

(No. 98.)—NORTH SEA—JADE RIVER

(1.) *Fog Signal at Wangeroog Island Lighthouse.*

THE German Government has given notice, that on 9th June, 1879, a fog would be established at Wangeroog Island Lighthouse:—

The signal is a syren, which during thick and foggy weather, will give two blasts of about five to six seconds' duration each, with an interval between the blasts of about eight seconds, every two minutes.

The building in which the syren is placed, bears N.N.W. of the lighthouse, distant 560 yards.

BALTIC—GULF OF BOTHNIA.

(2.) *Grundkallen Light-Vessel—Alteration in Fog Signal.*

With reference to Notice to Mariners, No. 51 (2), of 16th April, 1879, on the intended alteration in the fog signal at Grundkallen Light-vessel, South Quarken Channel:—

The Swedish Government has given further notice, that the alteration has been effected:

The signal is a steam whistle, which during thick and foggy weather, will be sounded three times every minute, as follows,—sound seven seconds, an interval of three seconds; sound seven seconds, an interval of three seconds; sound three seconds, an interval of thirty-seven seconds.

By command of their Lordships,

*Fredk. J. Evans*, Hydrographer.

Hydrographic Office, Admiralty, London,  
4th July, 1879.

This Notice affects the following Admiralty Charts:—

(1.) Ameland to Jade River, No. 2593; Elbe River, and entrances, Jade, &c., No. 1875. Also, Admiralty List of Lights in the North Sea, 1879, No. 154; and North Sea Pilot, Part IV, 1878, page 192.

(2.) Gulf of Bothnia, No. 2252; South Quarken to Hornsland, No. 2296. Also, Admiralty List of Lights in the North Sea, &c., 1879, No. 399; and Bothnia Pilot, 1855, page 3.

#### NOTICE TO MARINERS.

(No. 99.)—SOUTH AMERICA.

MAGELLAN STRAIT—BROAD REACH.

*Sandy Point, fixed white light re-exhibited.*

WITH reference to Notice to Mariners, No. 25,