

This new light is a *fixed* white light, exhibited from a cylindrical tower 16 feet high, elevated 36 feet above the level of the sea, and should be visible from seaward in clear weather from a distance of 6 miles.

Position, lat. $40^{\circ} 3' 25''$ N., long. $17^{\circ} 58' 50''$ E.

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
16th December, 1876.

This Notice affects the following Admiralty Charts:—Mediterranean Sea, Nos. 2153 and 2718 *b*; Adriatic Sea, No. 1440; Cape Vaticano to Monopoli, 198; Ragusia Vecchia to Palermo, No. 205; and Gallipoli Harbour, No. 204. Also, Admiralty List of Lights in the Mediterranean, &c., 1876, No. 318.

NOTICE TO MARINERS.

(No. 163.)—NORTH ATLANTIC OCEAN.—AZORES
—ST. MICHAEL (SAN MIGUEL).

Fixed and Flashing Light on Arnel Point.

THE Portuguese Government has given notice, that a light is now exhibited from a lighthouse recently erected on Arnel Point, north-east coast of St. Michael Island.

The light is a *fixed* white light, varied by a flash every *two* minutes, elevated 222 feet above the mean level of the sea, and in clear weather should be visible from seaward, through an arc of 240° , from a distance of 18 miles. The flashes should be visible 25 miles.

The tower (on the east side of the square building which serves as the keeper's dwelling) is octagonal, and its base is 183 feet above the mean level of the sea.

The illuminating apparatus is dioptric on by lenses, of the second order.

Position, lat. $37^{\circ} 49' 20''$ N., long. $25^{\circ} 8' 30''$ W.

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
19th December, 1876.

This Notice affects the following Admiralty Charts:—North Atlantic Ocean, Eastern Part, No. 2060 *a*, and San Miguel Island, Azores, No. 1854; also Admiralty List of Lights on the North and West Coasts of France, &c., 1876, No. 353 *b*; and African Pilot, Part I, 2nd Edition, page 31.

NOTICE TO MARINERS.

(No. 164.)—BAL TIC ENTRANCE—THE SOUND.
DROGDEN CHANNEL.

(1.) *Fixed Lights on North Rose Shoal.*

WITH reference to Notice to Mariners, No. 93, dated 19th July, 1876, the Danish Government has given further notice, that two lights are now exhibited from the scaffolding of the lighthouse in course of construction on North Rose Shoal; and that the boats, from which a *fixed* white light was shown, have been withdrawn.

The lights, placed vertically, are *fixed* white lights. The upper light is elevated 28 feet, and the lower 21 feet above the level of the sea.

NORTH SEA—SCHLESWIG-HOLSTEIN.

(2.) *Intended Lights at Munkmarsch Harbour, Sylt Island.*

The German Government has given notice of the intended establishment of two leading lights

at Munkmarsch Harbour, on the east side of Sylt Island.

The lights will be *fixed* white harbour lights, exhibited from wooden structures on the south side of the landing pier, and should be visible in clear weather from a distance of about 6 miles, through an arc of 90° , between Lister Ley and Wester Ley.

NOTE.—The two lights in line will lead to Munkmarsch Harbour through the new channel, now being formed, between the sand banks.

The northern light will be exhibited towards the end of the present year; but the southern light not till next year, on the completion of the channel.

Position of northern light, lat. $54^{\circ} 55' 10''$ N., long. $8^{\circ} 21' 50''$ E.

(3.) *Intended Leading Lights at Hoyer.*

Also, of the intended exhibition in the present year of two leading lights at Hoyer, Schleswig.

The lights will be *fixed* white lights, and should be visible in clear weather from a distance of about 6 to 8 miles.

The northern light will be exhibited from a wooden post at Hoyer Water-gate, and will be visible through an arc of 90° .

The southern light will be exhibited from an iron structure at Friedrichen Koog, 1,094 yards from the northern light, and will be visible through an arc of 120° .

NOTE.—These lights will be visible from between Kohlby Ley and Naesodde, and kept in line will lead through the channel from Hoyer Deep to Hoyer Water-gate.

Position of northern light, lat. $54^{\circ} 57' 30''$ N., long. $8^{\circ} 41' 10''$ E.

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
19th December, 1876.

This Notice affects the following Admiralty Charts:—

(1.) North Sea, No. 2339; Baltic Sea, No. 2812*a*; Kattegat, No. 2114; and Sound, Copenhagen, &c., No. 2115: Also, Admiralty List of Lights in the North Sea, &c., 1876, page 30; and Danish Pilot, 1853, page 166.

(2.) and (3.) North Sea, No. 2182*a*; and Eider River to Blaavand Point, No. 1887: Also, Admiralty List of Lights in the North Sea, 1876, page 22; and North Sea Pilot, Part IV, 2nd Edition, pages 210 and 215.

NOTICE TO MARINERS.

(No. 165.)—JAPAN—NIPON ISLAND.

(1.) *Fixed Light on Siritza Saki, Tsugar Strait.*

THE Japanese Government has given notice, that a light is now exhibited from a lighthouse erected on Siritza Saki, the north-east point of Nipon Island.

The light is a *fixed* white light, visible from seaward through an arc of 311° or between the bearings of N. $\frac{1}{2}$ E. through west and south to N.E. by E.; the light is elevated 150 feet above the level of the sea, and should be visible in clear weather from a distance of 18 miles.

The tower, 94 feet high, is circular, constructed of brick and painted white.

The illuminating apparatus is of the second order.

Position, lat $41^{\circ} 26' 10''$ N., long. $141^{\circ} 29' 25''$ E.

NOTE.—Rattler Rock (awash at low water) bears N. 61° E., distant about $1\frac{1}{4}$ miles from Siritza Saki Lighthouse.