

(4.) *Bishop Rock—Intended Alteration in Fog Signal.*

Also, has given notice, that early in the month of September, 1887, when it is anticipated that the improvement of the lighthouse will be completed, the following alteration will be made in the character of the fog-signal at Bishop Rock Lighthouse:—

The signal will be an explosive fog-signal, which, during thick or foggy weather, will give one report (similar to the discharge of a gun) every five minutes.

The bell hitherto in use will then be discontinued.

Further notice will be given when these alterations have been effected.

[The bearings are magnetic, and are given from seaward. Variation 18° Westerly in 1887.]

By command of their Lordships,
W. J. L. Wharton, Hydrographer.

Hydrographic Office, Admiralty, London,
21st April, 1887.

This Notice affects the following Admiralty Charts:—North Atlantic Ocean, eastern part, No. 2060a; British Islands to Mediterranean Sea, No. 1; English Channel Nos. 1598, 2675c (1), 2675b (1, 2); Portland to Owers, No. 2450 (1, 2); Owers to Christchurch, with Spithead and the Isle of Wight, No. 2045 (1, 2); Needles Channel, with Christchurch Bay, No. 2219 (2); English Channel, No. 2675a (3, 4); Trevoise Head to Dodman Point, No. 2565 (3, 4); the Scilly Isles, No. 34 (3, 4). Also, Admiralty List of Lights in the British Islands, 1887, Nos. 71, 47, 2b, 1; and Channel Pilot, Part I, 1886, pages 195, 163, 30, 31.

NOTICE TO MARINERS.

(No. 89 of the year 1887.)

MEDITERRANEAN—ADRIATIC.—WEST SHORE.

(1.) *Bari.—Alteration in Colour and Character of Light on Mole.*

THE Italian Government has given notice, that on 15th April, 1887, the following alteration would be made in the colour and character of the light exhibited from the New Mole at Bari:—

The light is a fixed white light, varied by white and red flashes alternately every twenty seconds. It is elevated 49 feet above the sea, and should be visible in clear weather from a distance of 12 miles.

The illuminating apparatus is dioptric, or by lenses, of the fifth order.

The lighthouse is a masonry tower 41 feet high.

(2.) *Maestra Point.—Establishment of Fog Signal.*

Also, has given notice, dated 31st March, 1887, that a fog signal has been established at the lighthouse on Maestra Point:—

The signal is a steam siren, which during thick or foggy weather will give one blast of four seconds' duration in every forty seconds.

NOTE.—This signal will be first sounded one and a half hours after the commencement of the fog, and may be heard under favourable conditions from a distance of about 8 miles.

By command of their Lordships,

W. J. L. Wharton, Hydrographer.
Hydrographic Office, Admiralty, London,
21st April, 1887.

This Notice affects the following Admiralty Chart:—Adriatic, No. 1440 (1, 2); Brindisi to Ortona, with plan of Bari, No. 190 (1); Gulfs of Venice and Trieste, No. 201 (2). Also, Admiralty List of Lights in the Mediterranean, 1887, Nos.

376, 405; Mediterranean Pilot, Vol. III, 1880, pages 51, 82; and Supplement to Mediterranean Pilot, Vol. III, 1884, page 12.

NOTICE TO MARINERS.

(No. 90 of the year 1887.)

MEDITERRANEAN.—SICILY.—SOUTH COAST.

(1.) *Port Empedocle—Alterations in Lights.*

THE Italian Government has given notice, that on 15th day of April, 1887, the following alterations would be made in the lights at Port Empedocle:—

1. The light at the extremity of the eastern breakwater, formerly fixed green, is now a fixed red light, visible between the bearings of S. 50° E., through north, and S. 70° W. It is elevated 27 feet above the sea, and should be seen in clear weather from a distance of 5 miles.

2. The white light at the extremity of the western breakwater is now visible between the bearings of S. 30° E., through north, and S. 55° W., and should be seen in clear weather from a distance of 8 miles.

These two lights (2, 3) are exhibited from wooden posts, painted red, placed near the provisional shelter for the light-keepers.

3. The light at the extremity of the old inner mole, formerly fixed red, is now a fixed green light, and should be visible in clear weather from a distance of about 4 miles.

NOTE.—Vessels entering the port must pass between the above red and white lights.

LIPARI ISLANDS.

(2.) *Vulcano—Intended Discontinuance of Santa Rosario Point Light, and Establishment of Fixed and Flashing Light on Praia dei Porci.*

Also, has given notice, that on 1st May, 1887, the fixed and flashing light on Santa Rosario Point will be discontinued, and that a light will be exhibited from a lighthouse erected on the Praia dei Porci, near Lana del Gelso Point, south coast of Vulcano Island.

The light will be a fixed white light, varied by a flash of seven seconds' duration every two minutes, with partial eclipses immediately before and after each flash. The light will be visible through an arc of 202° , or between the bearings of S. 78° E., through north, and S. 80° W. It will be elevated 147 feet above the sea, and should be seen in clear weather from a distance of 13 miles.

The illuminating apparatus is dioptric, or by lenses, of the third order.

The lighthouse, 134 feet high, is octagonal in shape, with the keeper's dwelling (two storied) near it.

Position, lat. $38^{\circ} 22' 0''$ N., long. $14^{\circ} 59' 30''$ E.

[The bearings are magnetic, and are given from seaward. Variation (1), $10\frac{1}{4}^{\circ}$, (2) $9\frac{1}{2}^{\circ}$ Westerly in 1887.]

By command of their Lordships,

W. J. L. Wharton, Hydrographer.
Hydrographic Office, Admiralty, London,
23rd April, 1887.

This Notice affects the following Admiralty Charts:—Mazzara to Palma, No. 186 (1); Plan of Girgenti, No. 190 (1); Sardinia to Malta, No. 165 (1, 2); Adriatic Sea, No. 1440 (2); Lipari Islands, No. 172 (2). Also, Admiralty List of Lights in the Mediterranean, 1887, Nos. 333, 334, 312; and Mediterranean Pilot, Vol. I, 1885, pages 317, 360.