

**No. 589.—NORWAY—WEST COAST.—
NORTHERN CHANNELS LEADING
TO BERGEN.**

Information Relating to Beacons.

INFORMATION has been received from Commodore E. S. Poë, M.V.O., Her Majesty's ship "Raleigh," dated 9th September, 1899, that the following beacons in the northern approaches to Bergen have been removed or established:—

1. There is no beacon now marking Mefford-boen.

Approximate position, lat. 60° 50' 30" N., long. 4° 48' 40" E.

2. A black stone beacon has been erected on the east extreme of Røvelskar.

Approximate position, lat. 60° 49' 40" N., long. 4° 47' 0" E.

3. A black stone beacon has been erected on Vettejuvre.

Approximate position, lat. 60° 49' 0" N., long. 4° 55' 30" E.

4. A black stone beacon, with a horizontal central white band, has been erected on Grisholm Skar.

Approximate position, lat. 60° 47' 45" N., long. 4° 42' 30" E.

5. A stone beacon, with black and white vertical stripes and surmounted by an arm pointing south-west, has been erected on Gjellevarnes, marking the east side of the entrance to Sildevaag.

Approximate position, lat. 60° 46' 15" N., long. 4° 44' 55" E.

6. A black stone beacon, with white horizontal band and surmounted by an arm pointing southward, has been erected on the south-west point of Forsö.

Approximate position, lat. 60° 42' 55" N., long. 4° 52' 15" E.

7. There is a look-out station and flagstaff on the summit of Elsfjeld, Holsenö.

Approximate position, lat. 60° 35' 5" N., long. 5° 3' 30" E.

8. A small black stone beacon has been erected on Valsækk.

Approximate position, lat. 63° 38' 40" N., long. 9° 42' 50" E.

This Notice affects the following Admiralty Charts:—Bergen to Stav Fiord, No. 2291; Blomö to Utvæ, &c., No. 509; Approaches to Trondjem, No. 1972. Also, Norway Pilot, Part II, 1894, pages 210, 211, 212, 311.

**No. 590.—WEST INDIA AND PHILIPPINE
ISLANDS.**

ALTERATION IN TIME SIGNALS.

(1.) *Havana—Standard Time Signal.*

THE United States Government has given notice that the standard time of the 75th meridian, West of Greenwich, or 5h. 0m. 0s. slow of Greenwich mean time, has now been adopted for Cuba.

Consequent on this, at Havana the time ball is now dropped at 5h. 0m. 0s. G.M.T., or noon standard time, which is equal to 11h. 30m. 36.40s. local mean time.

Approximate position of time signal, lat. 23° 8' 30" N., long. 82° 20' 50" W.

(2.) *San Juan, Puerto Rico.*

The standard time adopted for Puerto Rico is that of the 60th meridian, West of Greenwich, or 4h. 0m. 0s. G.M.T.

(3.) *Philippine Islands.*

The standard time adopted for the Philippine Islands is that of the 120th meridian, East of Greenwich, or 16h. 0m. 0s. G.M.T.

Consequent on this alteration the time ball at Manila is now dropped at noon standard mean

time, which is equal to 16h. 0m. 0s. G.M.T., or 0h. 3m. 52s. local mean time.

Approximate position of time signal, lat. 14° 36' 0" N., long. 126° 58' 0" E.

This Notice affects the following Admiralty Charts:—Havana Harbour, No. 414; Manila Bay, No. 976. Also, List of Time Signals, 1898, page 54; West India Pilot, Vol. II, 1887, page 201; China Sea Directory, Vol. II, 1899, page 313; Eastern Archipelago, Vol. I, 1890, page 59.

**No. 591.—TASMANIA—MACQUARIE
HARBOUR ENTRANCE.**

Cape Sorell—Intended Light.

WITH reference to Notice to Mariners No. 231 of 1899:—

The Government of Tasmania has given further notice, that on and after the 2nd October, 1899, a light will be exhibited from a lighthouse on Cape Sorell, at the entrance to Macquarie Harbour.

Cape Sorell Light is a group flashing white and red dioptric light of the 2nd order, with a period of forty-five seconds, thus:—white flash of three seconds duration; eclipse, nineteen and a half seconds; red flash of three seconds duration; eclipse, nineteen and a half seconds, elevated 186 feet above the sea, and visible in clear weather, the white flash from a distance of 20 miles, the red flash 12 miles.

The lighthouse, 100 feet in height, is a cylindrical brick tower, painted white.

Approximate position, lat. 42° 11' 0" S., long. 145° 10' 30" E.

This Notice affects the following Admiralty Charts:—Tasmania, No. 1079; Macquarie Harbour, No. 1629. Also, List of Lights, Part VI, 1899, page 222; Australia Directory, Vol. I, 1897, page 643.

**No. 592.—SOUTH PACIFIC OCEAN—
SOLOMON ISLANDS.**

Reported Shoal North-West of Manoba Island.

IT is reported by Mr. Spence, Master of the brig "Rio Logo," that a shoal exists about 6 miles north-west of Manoba Island at the north-west extreme of Malaita.

This shoal is said to extend about 2 miles in a north-west and south-east direction, and to have a depth of about 4 fathoms over it, and on which the sea was seen breaking.

Approximate position, lat. 8° 13' S., long. 160° 38' E.

This Notice affects the following Admiralty Chart:—Solomon Islands, No. 214. Also, Pacific Islands, Vol. I, 1890, page 374.

No. 593.—FRANCE—WEST COAST.

*Pertuis de Maumusson—New Channel Opened,
Beacons and Buoys Moved.*

THE French Government has given notice, dated 14th September, 1899, that a new channel has formed at Pertuis de Maumusson, about half a mile south-west of the old one, and that the following alterations have been made in the positions of the buoys and beacons in consequence:—

1. The spar buoy, known as the fairway buoy, painted in red and black horizontal bands, and surmounted by a spherical topmark, has been moved three-quarters of a mile S. $\frac{1}{2}$ E. in a depth of 29 feet.

Approximate position, lat. 45° 48' 20" N., long. 1° 17' 40" W.

2. The sphero-conical buoy of La Barre, painted red, has been moved half a mile, and is now in a depth of 7 feet.

Approximate position, lat. 45° 48' 15" N., long. 1° 16' 5" W.