

bears N. 89° E., distant $5\frac{3}{4}$ cables, and the islet (called Becerrá) off the coast to the northward N. 30° W.

Approximate position, lat. 49° 5' 20" S., long. 74° 23' 0" W.

This rock is marked by kelp and surrounded by deep water.

[Variation 20° Easterly in 1899.]

This Notice affects the following Admiralty Chart:—English Narrows and adjacent anchorages, No. 85. Also, South America Pilot, Part II, 1895, page 258.

No. 172.—CHINA SEA—SINGAPORE MAIN STRAIT.

Helen Mar Reef—Shoal Eastward of.

IN Hydrographic Notice No. 11 of 15th August, 1898, published by the Netherlands Government, a shoal, with a least depth of 2 fathoms, hard ground, is stated to exist at rather more than one mile due east of Helen Mar Reef, Singapore Main Strait, it has consequently been placed on the Chart in that locality.

Approximate position, lat. 1° 7' 30" N., long. 103° 47' 55" E.

[Variation 2° Easterly in 1899.]

This Notice affects the following Admiralty Charts:—Banka Strait to Singapore, No. 2757; Singapore Strait, No. 2403; Singapore Main Strait, No. 2404. Also, China Sea Directory, Vol. I, 1896, page 196.

No. 173.—IRELAND—SNEEM HARBOUR.

Seal Rock—Perch Disappeared.

INFORMATION, dated 26th February, 1899, has been received from Lieutenant and Commander H. H. Bruce, Her Majesty's ship "Jason," that the perch on Seal Rock, Sneem Harbour, Kenmare River, has disappeared, and as it will probably not be replaced it has been erased from the Charts.

Approximate position, lat. 51° 48½' N., long. 9° 53' W.

This Notice affects the following Admiralty Chart:—Kenmare River, No. 2495. Also, Coast of Ireland Pilot, 1893, page 272.

No. 174.—JAPAN—KIUSIU, WEST COAST.

Yatsushiro Sea—Sunken Rocks.

THE Japanese Government has given notice, dated 6th February, 1899, of the existence of the undermentioned newly-discovered rocks on the eastern shore of Yatsushiro Sea:—

a. Kakure se, a rock on which there is a depth of 4 fathoms at low-water springs, situated with Shiba sima bearing N.W. $\frac{1}{4}$ N., distant $9\frac{1}{2}$ cables, and west extreme of Tono sima S.S.W. $\frac{1}{4}$ W.

Approximate position, lat. 32° 22' 45" N., long. 130° 29' 15" E.

b. A rock, with a depth of one fathom on it at low-water springs, lies off Tano saki, with the extreme of that point bearing N.E. by E., distant one cable, and north extreme of Biva kubi N.W. by W.

Approximate position, lat. 32° 21' 30" N., long. 130° 28' 45" E.

c. Mekari se, a rock awash at low water, situated with Kino sima bearing N. by W. $\frac{3}{4}$ W., distant 6 cables, and north extreme of the point between Fuku ura and Yuno ura E.N.E.

Approximate position, lat. 32° 17' 20" N., long. 130° 26' 40" E.

d. Uzo ne, a rock with a depth on it of 2 fathoms at low-water springs, situated with a small islet off Omon saki bearing S.W. $\frac{3}{4}$ W., distant 8 cables, and Kino sima N. by E. $\frac{1}{2}$ E.

No. 27069.

B

Approximate position, lat. 32° 16' 20" N., long. 130° 26' 0" E.

[Variation 4° Westerly in 1899.]

This Notice affects the following Admiralty Chart:—Amakusa Islands, No. 836. Also, China Sea Directory, Vol. IV, 1894, pages 493, 494.

No. 175.—NORWAY.

Lights—Intended Alterations and Additions.

INFORMATION is published in the Norwegian Light List, 1899, that it is intended during 1899, to make the following alterations in certain existing lights, and also to exhibit unwatched lights at the undermentioned places on the coasts of Norway:—

1. Ulla Light.—Power increased, and to be obscured over Haaskallen.

Approximate position, lat. 62° 41' N., long. 6° 10' E.

2. The following lights will be altered from fixed to occulting:—

Tanager. Approximate position, lat. 58° 56' N., long. 5° 35' E.

Romelines (Rommelidnæs). Approximate position, lat. 60° 1' N., long. 5° 21' E.

Ytre Stensund (Rommelidnæs). Approximate position, lat. 61° 2' N., long. 4° 45' E.

Drevosund (Rommelidnæs). Approximate position, lat. 61° 12' N., long. 4° 48' E.

Holmenvær (Rommelidnæs). Approximate position, lat. 69° 18' N., long. 16° 48½' E.

3. Brunvær Light.—Will show red towards Vest Fiord.

Approximate position, lat. 68° 0' N., long. 15° 8½' E.

4. Søndre Tonsnæs.—Will show green over Tonsnæs Skerry, and red from the northern limit of present light to the land.

Approximate position, lat. 69° 44' N., long. 19° 6' E.

5. Unwatched lights are to be exhibited at:—

Bjugn-kjær. Approximate position, latitude 63° 45' 35" N., longitude 9° 33' 35" E.

Bremstønen, Vega. Approximate position, lat. 65° 37' 0" N., long. 11° 24' 30" E.

Hofvaag, Lökten. Approximate position, lat. 66° 10' 0" N., long. 12° 41' 40" E.

Skaalvær. Approximate position, latitude 65° 51' 0" N., longitude 12° 12' 00" E.

Aakvik. Approximate position, lat. 66° 2' 0" N., long. 12° 20' 00" E.

Buo. Approximate position, lat. 66° 6' 45" N., long. 12° 23' 45" E.

Renösund. Approximate position, lat. 66° 11' 40" N., long. 12° 27' 0" E.

Otervær. Approximate position, lat. 66° 22' 20" N., long. 12° 26' 0" E.

Maltsækken. Approximate position, lat. 67° 50' 10" N., long. 14° 40' 10" E.

Bögo. Approximate position, lat. 67° 54' 0" N., long. 15° 11' 25" E.

Kalsö. Approximate position, lat. 67° 59' 25" N., long. 15° 47' 0" E.

Røvelsö. Approximate position, lat. 68° 20' 30" N., long. 16° 15' 0" E.

Tjelbotten. Approximate position, lat. 68° 25' 0" N., long. 16° 41' 0" E.

Slapo ved Gulbrandsö. Approximate position, lat. 68° 10' 30" N., long. 14° 46' 0" E.

Henningsvær. Approximate position, lat. 68° 8' 30" N., long. 14° 14' 30" E.

Buksnes. Approximate position, lat. 68° 7' 0" N., long. 13° 36' 30" E.

Sorlandsvaag. Approximate position, lat. 67° 39' 30" N., long. 12° 44' 20" E.

Nyksund. Approximate position, lat. 68° 59' 50" N., long. 15° 2' 10" E.