

This reef (Beagle Reef) is about $1\frac{1}{2}$ miles long east and west, and half a mile broad, and dries about 2 feet at low-water springs. From its centre the north extreme of Cape Thouin bears N. 81° E., distant $20\frac{1}{2}$ miles, and Red Hill (just open of the east extreme of Middle Forestier Island) S. 27° E.

Approximate position, lat. $20^{\circ} 23\frac{1}{2}'$ S., long. $117^{\circ} 51'$ E.

Mr. Lyons also reports a channel 8 miles wide and carrying a depth of 6 fathoms, low-water springs, between the Beagle Reef and the western edge of the inner Geographe Reef, but great caution should be exercised in navigating along this coast, as it is imperfectly surveyed.

[Variation nil in 1898.]

This Notice affects the following Admiralty Charts:—North-West Coast of Australia, No. 475; Bedout Island to Cape Cuvier, No. 1055. Also, Australia Directory, Vol. III, 1895, page 274.

No. 496.—ENGLAND.

Portland Breakwater—Light Masked.

WITH reference to Notice to Mariners No. 102 of 1897, further information has been received that the rector of fixed red light exhibited from the lighthouse at the end of the breakwater, to warn vessels of their approach to the works in progress, is now partly masked by some other works in course of construction, and can no longer be relied on as a warning.

Approximate position, lat. $50^{\circ} 34' 55''$ N., long. $2^{\circ} 24' 50''$ W.

This Notice affects the following Admiralty Charts:—Weymouth and Portland, No. 2255; Portland Harbour, No. 2268. Also, List of Lights, Part I, 1898, No. 52; and Channel Pilot, Part I, 1893, page 187, and Supplement, 1895, relating to that work, page 13.

No. 497.—NORTH SEA.

Wreck.

INFORMATION is published in the Shipping Gazette that the ship "Annette" passed, on August 15th, 1898, a sunken wreck, lying with one mast 6 feet above water, in approximately lat. $55^{\circ} 21'$ N., long. $3^{\circ} 45'$ E.; it has been placed on the Admiralty Charts in this position.

This Notice affects the following Admiralty Chart:—North Sea, Nos. 2339, 2182b. Also, North Sea Pilot, Part IV, 1892, page 16.

No. 498.—NORTH SEA.

Norderney—Position of Leading Lights Altered.

THE German Government has given notice, dated 20th August, 1898, that the position of the leading lights at Norderney has been altered; they now stand on the east side of Georg-höhe, about half a mile north-westward of their former position, the approximate position of the front light being lat. $53^{\circ} 42' 55''$ N., long. $7^{\circ} 9' 15''$ E.

These lights in line S. by E. $\frac{1}{4}$ E. lead through Dovetief Channel.

This Notice affects the following Admiralty Chart:—Ameland to Jade River, No. 2593. Also, List of Lights, Part II, 1898, No. 324 (Remarks); and North Sea Pilot, Part IV, 1892, page 176.

No. 499.—FRANCE.

Shoals Discovered near Basse de l'Iroise and North-Westward of Cape de la Chèvre.

THE French Government has given notice, dated 13th August, 1898, that the undermentioned shoals have been discovered in the following positions:—

No. 27001.

a. A shoal with a depth of $8\frac{1}{2}$ fathoms, at low-water springs, lying E. by N. about $1\frac{1}{2}$ miles from Basse de l'Iroise.

Approximate position, lat. $48^{\circ} 12' 45''$ N., long. $4^{\circ} 45' 40''$ W.

b. A shoal with a depth of 9 fathoms, at low-water springs, lying about a quarter of a mile west of Basse du Lis.

Approximate position, lat. $48^{\circ} 13' 15''$ N., long. $4^{\circ} 44' 25''$ W.

c. A shoal, with a depth of 6 fathoms, at low-water springs, north-westward of Cape de la Chèvre, with Le Bouc bearing S. 46° E., distant 9 cables, and Le Chevreau N. 48° E., or in approximately lat. $48^{\circ} 12'$ N., long. $4^{\circ} 38' 5''$ W.

[Variation 18° Westerly in 1898.]

This Notice affects the following Admiralty Charts:—Raz de Sein to Goulven, No. 2643; Brest Roadstead, No. 2690; Douarnenez Bay, No. 798. Also, Sailing Directions for the West Coasts of France, Spain, and Portugal, 1891, pages 40, 48.

No. 500.—FRANCE.

(1) *Ile de Molène—Rocks Westward of.*

THE French Government has given notice, dated 12th August, 1898, that the following rocks have been discovered to the westward of Molène Island:—

a. A rock with a least depth of one fathom, at lowest spring tides, lies with Molène Semaphore bearing east, distant nearly 2 miles, and the western (6 feet) Var Charo N. 12° E., or in approximately lat. $48^{\circ} 23' 5''$ N., long. $5^{\circ} 0' 20''$ W.

b. A rock with a depth of about $1\frac{1}{2}$ fathoms, at lowest springs, lies with Molène Semaphore bearing N. 88° E., distant nearly 3 miles, and Gondicoc (7 feet) N. 7° W., or approximately in lat. $48^{\circ} 22' 45''$ N., long. $5^{\circ} 1' 45''$ W.

(2) *Ile de Beniguet—Rock North-Eastward of.*

Also, that a rock with a least depth of 4 feet, at lowest springs, lies with Ar Christian-bras Turret bearing S. 9° W., distant $1\frac{1}{10}$ miles, and Kermorvan Lighthouse S. 64° E., or approximately in lat. $48^{\circ} 22'$ N., long. $4^{\circ} 50' 25''$ W.

[Variation 18° Westerly in 1898.]

This Notice affects the following Admiralty Charts:—(1) and (2) Raz de Sein to Goulven, No. 2643; Channels between Ile d'Ouessant, &c, No. 2694; (2) Brest Roadstead, No. 2600. Also, Sailing Directions for the West Coasts of France, Spain, and Portugal, 1891, pages 24, 25.

No. 501.—AUSTRALIA—EAST COAST.

Sandy Cape—Non-existence of Shoal reported North-eastward of.

WITH reference to Notice to Mariners No. 284 of 1896:—

Information, dated 1st July, 1898, has been received from Lieutenant and Commander J. F. Parry, Her Majesty's surveying-vessel "Dart," that he has made a careful examination of the locality in which the 3-fathom shoal lying N. 55° E., 22 miles distant from Sandy Cape Lighthouse, was reported to exist, and that no indication of any shoal water was found, the depths near the spot being from 600 to 800 fathoms. From inquiries instituted by Lieutenant and Commander Parry it would appear that the original report was to the effect that discoloured water was observed about half a mile from the vessel when Sandy Cape Lighthouse bore S. 53° W., distant 22 miles, but that no soundings were obtained, or breakers seen; this shoal has therefore been expunged from the Admiralty Charts.

Approximate position, lat. $24^{\circ} 32\frac{1}{2}'$ S., long. $158^{\circ} 35\frac{1}{2}'$ E.

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