

1886, December 17th: lat. $11^{\circ} 39' S.$, long. $114^{\circ} 39' E.$, 2,900 fathoms.

1887, January 3rd: lat. $7^{\circ} 3' S.$, long. $103^{\circ} 1' E.$, 1,450 fathoms.

1887, January 3rd: lat. $7^{\circ} 3' S.$, long. $103^{\circ} 1' E.$, 1,920 fathoms, green mud.

1887, January 7th: lat. $8^{\circ} 16' S.$, long. $104^{\circ} 49' E.$, 3,000 fathoms.

1887, January 8th: lat. $9^{\circ} 49' S.$, long. $105^{\circ} 35' E.$, 2,450 fathoms, scorice.

1887, January 12th: lat. $10^{\circ} 29' S.$, long. $106^{\circ} 0' E.$, 2,500 fathoms.

1887, January 13th: lat. $11^{\circ} 4' S.$, long. $105^{\circ} 31' E.$, 1,850 fathoms, doubtful sounding.

1887, January 13th: lat. $10^{\circ} 43' S.$, long. $105^{\circ} 21' E.$, 2,480 fathoms, gravel and clay.

1887, January 15th: lat. $10^{\circ} 23' S.$, long. $102^{\circ} 5' E.$, 3,050 fathoms, gravel and clay.

1887, January 18th: lat. $10^{\circ} 35' S.$, long. $97^{\circ} 50' E.$, 2,200 fathoms.

1887, January 19th: lat. $10^{\circ} 19' S.$, long. $97^{\circ} 29' E.$, 3,040 fathoms.

1887, January 20th: lat. $9^{\circ} 49' S.$, long. $97^{\circ} 58' E.$, 3,080 fathoms.

1887, January 21st: lat. $10^{\circ} 6' S.$, long. $97^{\circ} 50' E.$, 2,780 fathoms, gravel and clay.

1887, January 21st: lat. $9^{\circ} 54' S.$, long. $97^{\circ} 42' E.$, 3,025 fathoms, gravel and clay.

1887, January 22nd: lat. $9^{\circ} 37' S.$, long. $97^{\circ} 43' E.$, 2,945 fathoms, gravel and clay.

1887, January 24th: lat. $9^{\circ} 52' S.$, long. $97^{\circ} 22' E.$, 2,910 fathoms, gravel and clay.

1887, February 26th: lat. $6^{\circ} 22' N.$, long. $79^{\circ} 25' E.$, 1,250 fathoms.

1887, February 26th: lat. $6^{\circ} 3' N.$, long. $79^{\circ} 18' E.$, 1,770 fathoms.

1887, February 26th: lat. $6^{\circ} 0' N.$, long. $79^{\circ} 12' E.$, 1,850 fathoms.

1887, February 27th: lat. $6^{\circ} 11' N.$, long. $79^{\circ} 8' E.$, 1,675 fathoms, globigerina ooze.

1887, February 27th: lat. $5^{\circ} 52' N.$, long. $79^{\circ} 0' E.$, 1,730 fathoms, globigerina ooze.

1887, February 28th: lat. $5^{\circ} 48' N.$, long. $79^{\circ} 34' E.$, 1,930 fathoms, globigerina ooze.

1887, February 28th: lat. $6^{\circ} 12' N.$, long. $79^{\circ} 30' E.$, 1,500 fathoms.

1887, March 2nd: lat. $5^{\circ} 53' N.$, long. $76^{\circ} 50' E.$, 1,300 fathoms, globigerina ooze.

1887, March 3rd: lat. $6^{\circ} 56' N.$, long. $75^{\circ} 10' E.$, 1,520 fathoms, globigerina ooze.

1887, March 4th: lat. $8^{\circ} 25' N.$, long. $74^{\circ} 21' E.$, 1,545 fathoms, pteropod ooze.

1887, March 5th: lat. $9^{\circ} 10' N.$, long. $72^{\circ} 50' E.$, 1,195 fathoms, pteropod ooze.

1887, March 8th: lat. $8^{\circ} 46' N.$, long. $68^{\circ} 26' E.$, 2,450 fathoms, globigerina ooze and clay.

1887, March 15th: lat. $9^{\circ} 21' N.$, long. $60^{\circ} 4' E.$, 2,006 fathoms, pteropod ooze.

1887, March 15th: lat. $9^{\circ} 34' N.$, long. $59^{\circ} 53' E.$, 1,950 fathoms, pteropod ooze.

1887, March 15th: lat. $9^{\circ} 28' N.$, long. $59^{\circ} 40' E.$, 1,950 fathoms.

1887, March 16th: lat. $9^{\circ} 16' N.$, long. $59^{\circ} 39' E.$, 1,300 fathoms.

1887, March 16th: lat. $9^{\circ} 15' N.$, long. $59^{\circ} 55' E.$, 1,200 fathoms.

1887, March 16th: lat. $9^{\circ} 31' N.$, long. $59^{\circ} 59' E.$, 1,350 fathoms.

1887, March 17th: lat. $9^{\circ} 58' N.$, long. $59^{\circ} 56' E.$, 1,525 fathoms.

1887, March 17th: lat. $9^{\circ} 40' N.$, long. $60^{\circ} 8' E.$, 1,100 fathoms.

1887, March 17th: lat. $9^{\circ} 40' N.$, long. $59^{\circ} 49' E.$, 2,150 fathoms, pteropod ooze.

1887, March 19th: lat. $12^{\circ} 45' N.$, long. $59^{\circ} 1' E.$, 2,080 fathoms, pteropod ooze.

1887, March 22nd: lat. $13^{\circ} 5' N.$, long. $55^{\circ} 34' E.$, 1,840 fathoms, pteropod ooze.

By command of their Lordships,
W. J. L. Wharton, Hydrographer.
Hydrographic Office, Admiralty, London,
9th May, 1887.

This Notice affects the following Admiralty Charts:—Atlantic and Indian Oceans, No. 2483; Pacific Ocean, No. 2688; Indian Ocean, northern sheet, No. 7486; Eastern Archipelago, western portion, Nos. 941 a, b; Eastern Archipelago, eastern portion, No. 942a; Bay of Bengal, No. 70; Australia, northern portion, No. 2759a; North-west coast of Australia, No. 475; Cochin to Cape Comorin, No. 2738; Vingorla to Cape Cormorin, No. 827; Cape Cormorin to Cocanada, No. 828. Also, Australia Directory, Vol. III, 1881, pages 2, 21; Supplement, 1885, to Australia Directory, Vol. III, page 1; China Sea Directory, Vol. I, 1886, page 227; and West Coast of Hindostan Pilot, 1880, page 38.

NOTICE TO MARINERS.

(No. 115 of the year 1887.)

ENGLAND—SOUTH COAST.

(1.) *Nab Light-Vessel—intended Alteration in Character of Light.*

THE Trinity House, London, has given notice, that early in the autumn of the year 1887, the following alteration will be made in the character of the light exhibited from Nab Light-vessel:—

The light will be a flashing white light showing two flashes in quick succession every forty-five seconds.

Further notice will be given when this alteration has been effected.

WEST COAST.

(2.) *Smalls Lighthouse—Alteration in Character of Fog-Signal.*

Also, with reference to Notice to Mariners, No. 293, of 11th December, 1886, on intended alteration in character of the fog-signal at Smalls Lighthouse:—

Further information has been received, dated 23rd April, 1887, that the alteration has been effected.

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

The fog-bell and rocket every half hour, hitherto in use at this lighthouse, are discontinued.

ERRATA.

In Admiralty List of Light in the British Islands, 1887,—

(1.) Page 28, No. 226*, column 6, for Red with white sectors, read White with red sectors; and in Remarks column, for S.E. by E. $\frac{1}{2}$ E., read E. by S. $\frac{1}{2}$ S.

(2.) Page 34, Nos. 303, 304, Remarks column, transpose Red sector between N.N.W. $\frac{1}{2}$ W. and N.W. by W. $\frac{1}{4}$ W. from No. 304 to No. 303.

(3.) Page 36, No. 320, Remarks column, for Not visible bearing eastward of N.E. $\frac{1}{2}$ E., read Obscured by the land of Musdile Isle between the bearings of West and S.W. by W.

(4.) Sun's True Bearing or Azimuth Tables (Burdwood), page 127, column 2, line 18 from top, for $72^{\circ} 45'$ read $78^{\circ} 45'$.

By command of their Lordships,
W. J. L. Wharton, Hydrographer.
Hydrographic Office, Admiralty, London,
9th May, 1887.

This Notice affects the following Admiralty Charts:—English Channel, No. 1598 (1, 2);