

No. 1465.—BRAZIL, NORTH-EAST COAST—  
SAN MARCOS BAY.*Meio Bank—Buoy replaced by Light-buoy.*

Subject.—The conical buoy, painted in red and white horizontal bands, marking the south-western end of Meio Bank, San Marcos Bay, has been replaced by a buoy of the undermentioned description.

Position.—Lat.  $2^{\circ} 21' S.$ , long.  $44^{\circ} 13\frac{1}{2}' W.$

Description.—Light-buoy, painted red, exhibiting a flashing white light every four seconds.

Chart affected.—No. 935, San Marcos or Maranham Bay.

Publications.—South America Pilot, Part I, 1902, page 493; Revised Supplement, 1908; Notice to Mariners, No. 996 of 1909.

Authority.—Rio Notice (Lights), No. 14 of 1909.

No. 1466.—CENTRAL AMERICA, CANAL  
ZONE—PANAMA BAY.*Port Ancon (La Boca) Entrance Channel—  
Buoyage; Depths, &c.*

Subject.—The undermentioned information has been received with regard to the new channel leading to Port Ancon (La Boca).

Position.—Channel entrance, lat.  $8^{\circ} 54' N.$ , long.  $79^{\circ} 31\frac{1}{2}' W.$

Details.—The channel has been extended seaward, and the centre of its entrance is situated at a distance of  $9\frac{1}{2}$  cables, S.  $56^{\circ} W.$ , from San José Rock. The channel is open from this point to Balboa Wharf, a distance of 4 miles, to its full bottom width of 500 feet, but not yet to its full depth.

Buoyage.—The sides of the channel are marked by parallel lines of buoys, black on the starboard hand and red on the port. The buoys on the starboard hand have the even numbers, 2, 4, 6, to 24, and those on the port hand have the odd numbers 1, 3, 5, to 17. Marks 19, 21, and 23 are target tripods which take the place of the buoys in the shoaler water. The buoys are 2,000 feet apart in the line of the channel and 600 feet apart in its width. Vessels should give the buoys a berth of at least 100 feet in passing. All these buoys are lighted at night.

Leading marks.—Three rectangular leading marks on the shore, kept in line, bearing N.  $43^{\circ} W.$ , lead through the centre of the channel. Each of these marks exhibits a fixed white light at night, which when in line appear as three vertical lights.

Depths.—A depth of not less than 22 feet at low water can be carried from the channel entrances to the upper end of Balboa Wharf. In the western half of the channel, however, between a line joining buoys 17 and 18 and a line joining buoys 21 and 22, the depth at present is only 20 feet.

Variation.— $4^{\circ} E.$

Charts affected.—No. 3268, Panama Road; No. 1544, Panama Road; No. 657, Panama Canal and Railway.

Publications.—List of Lights, Part VII, 1909, page 58; South America Pilot, Part II, 1905,

pages 575, 578; Notice to Mariners, No. 646 of 1909.

Authority.—United States Commerce Notice No. 2293 of 1909.

No. 1467.—CHINA SEA—BANKA ISLAND,  
NORTH-COAST.*Klabat Bay—Buoys Established.*

Subject.—The undermentioned buoys have been established in Klabat Bay.

Position.—Morantong Point, lat.  $1^{\circ} 35' S.$ , long.  $105^{\circ} 43\frac{1}{2}' E.$

Bearing and distance from S.W. extreme of Morantong Point.	Description.
(a) N. $43^{\circ} W.$ , $1\frac{1}{10}$ miles.	White conical buoy.
(b) N. $81^{\circ} W.$ , 5 miles.	White conical buoy.
(c) South, $1\frac{1}{10}$ miles.	White conical buoy.
(d) N. $38^{\circ} W.$ , 5 cables.	Black can buoy.
(e) S. $11^{\circ} E.$ , 5 cables.	Black can buoy.
(f) S. $17^{\circ} E.$ , $2\frac{1}{2}$ miles.	Black can buoy.

Remarks.—These buoys mark the fairway.

Variation.— $1^{\circ} E.$

Chart affected.—No. 2597, Banka Strait.

Publications.—China Sea Directory, Vol. I, 1906, page 493; Supplement, 1909; Notice to Mariners, No. 1389 of 1909.

Authority.—Hague Notice, No. 1933 of 1909.

No. 1468.—ADRIATIC, ITALY—BRINDISI  
HARBOUR.*Bardet Shoal—Bell-Buoy Withdrawn.*

Subject.—The bell-buoy, painted red and black, marking Bardet Shoal, Brindisi Harbour, has been withdrawn.

Position.—Lat.  $40^{\circ} 39' N.$ , long.  $17^{\circ} 58\frac{1}{2}' E.$

Chart affected.—No. 1492, Brindisi Harbour.

Publication.—Mediterranean Pilot, Vol. III, 1908, page 42.

Authority.—Consular Report, 1909.

No. 1469.—AFRICA, WEST COAST—  
DAKAR APPROACH.*Cape Manuel Light—Amended Position.*

Subject.—The position of Cape Manuel Light-house is incorrectly shown on the chart. The correct position is as undermentioned.

Position.—On southern side of Lazaretto, at a distance of one cable, S.  $40^{\circ} W.$ , from the position shown on Chart No. 1001; lat.  $14^{\circ} 38' 57'' N.$ , long.  $17^{\circ} 26' 00'' W.$

Variation.— $18^{\circ} W.$

Chart affected.—No. 1001, Plan of Gorée Road and Harbour.