

(b). Position.—On head of western breakwater.
Character.—White fixed.

Remarks.—Each of these lights is shown from a post at an elevation of about 50 feet above the sea.

Chart affected.—No. 587, Burica Point to Mangrove Bluff, with plan.

Publications.—List of Lights, Part VII, 1908, page 57; Sailing Directions for the West Coasts of Central America and the United States, 1907, page 131; Notice to Mariners No. 1142 of 1908.

Authority.—Tehuantepec National Railway Company, 30th September, 1908.

No. 1599.—SOUTH AMERICA—BRAZIL.

Parahiba River Entrance—Buoy Replaced by Light-Buoy.

Subject.—The red buoy, situated as under-mentioned, in the entrance to Parahiba River, has been replaced by a light-buoy of the description given below.

Position.—Situated at a distance of $8\frac{3}{4}$ cables, N. 11° W., from Pedro Secca Lighthouse; lat. $6^{\circ} 56'$ S., long. $34^{\circ} 49'$ W.

Description.—Light-buoy, exhibiting a red flashing light every three seconds.

Remarks.—The colour of the buoy is not stated, but presumably it is red.

Variation.— 16° W.

Charts affected.—No. 1396, Parahiba River; No. 890, Formosa to Pernambuco.

Publications.—South America Pilot, Part I, 1902, page 77; Supplement, 1906.

Authority.—Rio Notice (Lights), No. 36 of 1908.

No. 1600. — FRANCE, NORTH COAST — COURSEULLES APPROACH.

Pointe de Ver Light—Character Altered.

Subject.—The fixed and flashing light shown from Pointe de Ver Lighthouse has been replaced by a light of the undermentioned character, and the provisional white group flashing light has been discontinued.

Position.—Lat. $49^{\circ} 20\frac{3}{4}'$ N., long. $0^{\circ} 31\frac{1}{4}'$ W.

Character.—White group flashing, showing groups of three flashes every fifteen seconds, thus:—Light, $\frac{2}{10}$ second, eclipse, $2\frac{2}{10}$ seconds; light, $\frac{1}{10}$ second, eclipse, $2\frac{2}{10}$ seconds; light, $\frac{2}{10}$ second, eclipse, $8\frac{2}{10}$ seconds.

Visibility.—18 miles.

Power.—65,000 candles.

Remarks.—In other respects the characteristics of the light are as described in the Admiralty List of Lights.

Charts affected.—No. 1821, Asnelles to Villers; No. 2073, Cape Barfleur to Courseulles; No. 2613, Cape Levi to Fécamp; No. 2675c, English Channel; No. 1598, English Channel.

Publications.—List of Lights, Part IV, 1908, No. 92; Channel Pilot, Part II, 1906, page 449; Notices to Mariners, Nos. 453 and 1300 of 1908.

Authority.—Paris Notice, No. 1673 of 1908.

No. 1601.—UNITED STATES, ATLANTIC COAST—NEW JERSEY.

Barnegat Inlet—Wreck Eastward of, Disappeared.

Subject.—The sunken wreck situated eastward of Barnegat Inlet having disappeared, has been expunged from the charts.

Position.—Situated at a distance of 15 miles, N. 79° E., from Barnegat Lighthouse; lat. $39^{\circ} 51'$ N., long. $73^{\circ} 48'$ W.

Variation.— 8° W.

Chart affected.—No. 2480, Approaches to New York.

Publications.—Sailing Directions for the East Coast of the United States, 1899, page 491; Supplement, 1902.

Authority.—United States Hydrographic Office Notice, No. 1624 of 1908.

No. 1602.—GULF OF MEXICO—BAY OF CAMPECHE.

Laguna De Terminos, West Entrance—Buoyage.

Subject.—The buoys marking the channel in the western entrance to Laguna de Terminos have been moved, and are now situated ^{as} undermentioned.

Position.—Vigia Point Lighthouse; lat. $18^{\circ} 38\frac{1}{4}'$ N., long. $91^{\circ} 51\frac{1}{4}'$ W.

Bearing and distance
from Vigia Point Lighthouse.

Buoy.

N. 35° W., $5\frac{4}{10}$ miles .. No. 1 (black).

N. 51° W., $3\frac{8}{10}$ miles .. No. 3 "

N. 73° W., $2\frac{2}{10}$ miles .. No. 5 "

S. 77° W., 9 cables .. No. 7 "

S. 21° E., $9\frac{2}{4}$ cables .. No. 4 (red).

Note.—The lighthouse near the Indian village is situated at a distance of $2\frac{1}{4}$ cables, S. 88° E., from the position now shown on Chart No. 2103, or in lat. $18^{\circ} 37' 46''$ N., long. $91^{\circ} 54' 52''$ W.

Variation.— 6° E.

Charts affected.—No. 2103, Laguna de Terminos, western entrance; No. 2626, Bay of Campeche.

Publication.—West India Pilot, Vol. I, 1903, page 465.

Authority.—United States Hydrographic Office Notice, No. 1451 of 1908.

No. 1603.—EASTERN ARCHIPELAGO—MADURA STRAIT.

Panarukan Light—Character Altered.

Subject.—The white fixed light exhibited from Panarukan Lighthouse has been replaced by a light of the undermentioned character.

Position.—Lat. $7^{\circ} 41\frac{1}{4}'$ S., long. $113^{\circ} 56\frac{1}{4}'$ E.

Character.—White flashing every three seconds.

Remarks.—In other respects there is no alteration.

Charts affected.—No. 3672, Plan of Panarukan Road; No. 1654, Island of Java, eastern portion; No. 941b, Eastern Archipelago.

Publications.—List of Lights, Part VI, 1908, No. 503; Eastern Archipelago, Part II, 1904, page 137; Notice to Mariners No. 1032 of 1906.

Authority.—Hague Notice, No. 1776 of 1908.

No. 1604.—CANADA, BRITISH COLUMBIA—CHATHAM SOUND.

Kinnahan Islands—Shoals Near.

Subject.—A recent survey has revealed the existence of the undermentioned shoals in the