

and the lower light from a distance of about 5 miles. These lights are therefore practically useless for making Havannah Passage, and the leading line on the chart has been amended accordingly.

2. Wreck disappeared.

Position.—On south-western end of Iero Reef; lat.  $22^{\circ} 23\frac{1}{2}'$  S., long.  $166^{\circ} 58'$  E.

3. Beacon erected.

Position.—On Ka Sand; lat.  $22^{\circ} 25\frac{1}{2}'$  S., long.  $166^{\circ} 33\frac{1}{2}'$  E.

Description.—High, with topmark.

Charts affected.—No. 2069, Approaches to Port Noumea; No. 2906, Isle of Pines to Uen Island; No. 2907, Uen Island to St. Vincent Bay; No. 936b, New Caledonia.

Publications.—List of Lights, Part VII, 1908, Nos. 900, 901; Pacific Islands, Vol. II, 1908, pages 240, 241, 242, 247.

Authority.—His Majesty's Ship Cambrian, Hydrographic Notice, No. 3 of 1908.

#### No. 1302.—AFRICA—EAST COAST.

##### *Delagoa Bay—Shoals.*

Subject.—A recent survey has revealed the existence of the undermentioned shoal patches in Delagoa Bay.

Position.—Cockburn Shoal Lighthouse, lat.  $25^{\circ} 53\frac{1}{2}'$  S., long.  $32^{\circ} 51'$  E.

(a) Position.—On Domett Shoal, at a distance of  $6\frac{1}{4}$  miles, N.  $28^{\circ}$  E., from Cockburn Shoal Lighthouse.

Depth.— $2\frac{1}{2}$  fathoms.

Description.—From the above position the shoal extends in a south-easterly direction for a distance of about 6 cables.

(b) Position.—Northward of Domett Shoal, at a distance of  $9\frac{1}{4}$  miles, N.  $20^{\circ}$  E., from Cockburn Shoal Lighthouse.

Depth.— $2\frac{1}{2}$  fathoms.

Description.—From the above position the shoal extends in a southerly direction for about 5 cables.

Variation.— $20^{\circ}$  W.

Charts affected.—No. 644, Delagoa Bay; No. 2089, Tugela River to Delagoa Bay; No. 648, Delagoa Bay to River Zambezi.

Publication.—Africa Pilot, Part III, 1905, page 193.

Authority.—Recent Portuguese survey.

#### No. 1303.—GULF OF MEXICO—MEXICO, VERACRUZ.

##### *Puerto Mexico (Coatzacoalcos)—Light Discontinued.*

Subject.—The undermentioned light at Puerto Mexico (Coatzacoalcos River) has been discontinued, it being no longer required on account of the advanced state of the work on the breakwaters.

Position.—On western side of entrance to river, at a distance of 330 yards, N.  $10^{\circ}$  W., from high lighthouse; lat.  $18^{\circ} 9'$  N., long.  $94^{\circ} 24\frac{3}{4}'$  W.

Character.—White group occulting.

Remarks.—The red occulting leading lights, situated on the east bank of the river, are now of the 4th order, and when in line, bearing S.  $24^{\circ}$  E., lead into the river between the breakwaters and up to the anchorage.

Variation.— $6^{\circ}$  E.

Chart affected.—No. 373, Plans of Coatzacoalcos River.

Publications.—List of Lights, Part VIII, 1908, No. 1743, also Nos. 1744, 1745; West India Pilot, Vol. I, 1903, page 474; and Supplement, 1906.

Authority.—Mexico Notice, No. 16, dated 16th July, 1908.

#### No. 1304.—AFRICA, WEST COAST—IVORY COAST.

##### *Grand Tabu Light—Temporarily Discontinued.*

Subject.—The white fixed light shown from Grand Tabu Lighthouse, Tabu River, has been temporarily discontinued for repair.

Position.—Lat.  $4^{\circ} 24\frac{3}{4}'$  N., long.  $7^{\circ} 21\frac{1}{2}'$  W., on Chart No. 1365.

Charts temporarily affected.—No. 1365, Bafu Bay to Grand Berebi, with plans; No. 3139, Cape St. Ann to Cape Three Points.

Publications.—List of Lights, Part IV, 1908, page 147; Africa Pilot, Part I, 1907, page 334; Notice to Mariners No. 219 of 1908.

Authority.—Paris Notice, No. 1413 of 1908.

#### No. 1305.—FRANCE, NORTH COAST— DUNKERQUE APPROACH.

##### *Ruytingen Light-Vessel—Replaced on Station.*

Particulars.—The Ruytingen Light-vessel has been replaced on her station, and the reserve light-vessel, temporarily placed to mark her position, has been withdrawn.

Position.—Lat.  $51^{\circ} 14' 30''$  N., longitude  $2^{\circ} 12' 55''$  E.

Remarks.—The characteristics of this light-vessel are as described in the Admiralty List of Lights.

Chart affected.—No. 1406, Dover and Calais, &c.

Publications.—Lists of Lights, 1908, Part II, No. 17; Part IV, No. 2; Channel Pilot, Part II, 1906, page 583; North Sea Pilot, Part IV, 1901, page 46; Notice to Mariners, No. 828 of 1908.

Authority.—Paris Notice, No. 1435 of 1908.

#### No. 1306.—FRANCE, WEST COAST— GIRONDE RIVER.

##### *Tallais Bank Light-vessel—Replaced on Station.*

Subject.—Tallais Bank Light-vessel has been replaced on her station, and the reserve light-vessel, temporarily placed to mark her position, has been withdrawn.

Position.—Lat.  $45^{\circ} 30\frac{3}{4}'$  N., long.  $0^{\circ} 59\frac{1}{2}'$  W.

Remarks.—The characteristics of this light-vessel are as described in the Admiralty List of Lights.