

Visibility.—7 miles.

Structure.—Mast, surmounted by a square white topmark.

(b) Lower light:

Situated at a distance of about 2 cables, S. 31° W., from upper light.

Character.—Fixed red beacon light.

Elevation.—29 feet.

Visibility.—5 miles.

Structure.—Mast, surmounted by red triangle, apex upwards.

Remarks.—These two leading lights should be kept in line, N. 31° E., until the leading lights on the castle come into line, when proceed as heretofore.

Variation.—11° W.

Charts affected.—No. 3562, Apenrade and Flensburger Fiords, &c.; No. 2117, Kiel Bay; No. 2842a, Baltic Sea.

Publications.—List of Lights, Part III, 1909, page 55; Baltic Pilot, Part I, 1904, page 453.

Authority.—Berlin Notice No. 809 of 1909.

#### No. 571.—UNITED STATES, ATLANTIC COAST—DELAWARE BAY.

*Overfalls Light-Vessel—Temporarily Replaced by Relief Light-Vessel, Exhibiting Lights and Fog-Signal of the Undermentioned Character and Description.*

Subject.—Owing to damage to boilers, the Overfalls Light-vessel has been temporarily replaced by relief light-vessel exhibiting lights and fog-signals of the undermentioned character and description.

Position.—Lat. 38° 48' N., long. 75° 1' W.

Character.—Fixed white at each masthead.

Fog-signal.—Similar to that given by Overfalls Light-vessel.

Submarine bell.—Similar to that given by Overfalls Light-vessel.

Description of Relief Light-vessel.—Two masts, schooner rigged, no bow-sprit. Painted white between fore and main masts with red bow and stern. The number "16" in white figures on each bow and each quarter. The word "Relief" in black letters on each side. Daymarks painted in red and white vertical stripes at each masthead and on triatic stays.

Remarks.—Further notice will be given when the Overfalls Light-vessel returns to her station.

Charts affected.—No. 2563, Delaware River; No. 266, Great Egg Harbour to Albemarle Sound; No. 2670, Halifax to the Delaware.

Publications.—List of Lights, Part VIII, 1909, No. 1159; Sailing Directions for the East Coast of the United States, 1899, page 541; Revised Supplement, 1908.

Authority.—United States Bureau of Navigation, Notice No. 888a of 1909.

#### No. 572.—CHINA SEA, PHILIPPINES—LUZON ISLAND.

*Manila—Time Signal Established.*

Subject.—A time signal of the undermentioned description has been established at Engineer Island, Manila Harbour.

Position.—On the Semaphore Tower, Engineer Island; lat. 14° 35' 43" N., long. 120° 57' 21" E. (on Chart No. 8487).

Description.—The ball is hoisted five minutes before signal and dropped at noon, standard time of the meridian of 120° E., corresponding to 1h. 00m. 00s. Greenwich mean time. In case of failure the ball will be lowered slowly about five minutes after noon.

Charts affected.—No. 8487, Manila and Kavite anchorages; No. 976, Manila Bay.

Publications.—China Sea Directory, Vol. II, 1906, page 326; Eastern Archipelago, Part I, 1902, page 68.

Authority.—United States Hydrographic Office, Notice No. 701 of 1909.

#### No. 573.—GULF OF MEXICO—YUCATAN COAST.

*Campeche Bank—Breakers Reported.*

Subject.—Breakers have been reported about 6 miles north of Madagascar Reef in the following position.

Position.—Lat. 21° 33' N., long. 90° 15' W.

Remarks.—A note, "Breakers reported 1909," has been placed on the chart in the above position.

Charts affected.—No. 1205, Coast of Yucatan and the Campeche Bank; No. 392, Gulf of Mexico; No. 3273, The West Indies.

Publication.—West India Pilot, Vol. I, 1903, page 448.

Authority.—Shipping Gazette, 13th April, 1909.

#### No. 574.—SOUTH PACIFIC OCEAN.

*Tonga Islands—Discoloured Water Reported Northward of.*

Subject.—During December, 1908, the schooner Elfriede passed several patches of discoloured water in the following position.

Position.—Lat. 17° 31' S., long. 173° 55' W.

Remarks.—A note, "Discoloured water (Elfriede 1908)," has been placed on the charts in the above position.

Charts affected.—No. 1829, Fiji Islands to Samoa Islands; No. 780, Pacific, South-west Sheet; No. 2483, Atlantic and Indian Oceans; No. 2683, Pacific Ocean.

Publication.—Pacific Islands, Vol. II, 1908, page 71.

Authority.—Berlin Notice No. 806 of 1909.

#### No. 575.—UNITED STATES, CALIFORNIA—SAN FRANCISCO APPROACH.

*San Francisco Light-Vessel—Replaced on Station.*

Subject.—San Francisco Light-Vessel, exhibiting two flashing white lights every fifteen seconds, has been replaced on her station, and the relief light-vessel withdrawn.

Position.—Lat. 37° 45' N., long. 122° 42' W.

Remarks.—No change has been made in the characteristics of the lights, fog signals, or general appearance of the vessel.

Charts affected.—No. 591, San Francisco Harbour; No. 229, Point Pinos to Bodega Head; No. 2530, San Diego Bay to Cape Mendocino.

Publications.—List of Lights, Part VII, 1909, No. 457; Sailing Directions for West Coasts of Central America and the United States, 1907, page 403; Notices to Mariners, Nos. 321 and 372 of 1909.

Authority.—United States Commerce Notice, No. 825 of 1909.

#### ERRATA.

*Honduras Bay—Lights Established.*

Notices to Mariners, No. 1711 of 1908, and No. 247 of 1909.—Charts affected include No. 2988, Plan of St. Thomas Bight.

*Overfalls Light-Vessel.*

Notice No. 264 of 1909 is cancelled.

By command of their Lordships,

A. Mostyn Field, Hydrographer.

Hydrographic Office, Admiralty, London,  
21st to 23rd April, 1909.