

No. 1987.—JAPAN—TSU SIMA.

Aso Wan (Tsu Sima Sound)—Colour of Buoys.

Subject.—The colour of the buoys, situated in the Tsu Sima Sound in the undermentioned positions, is now as given below.

(a) Karakashi Se Buoy:

Position.—Latitude $34^{\circ} 20' 3''$ N., longitude $129^{\circ} 14' 40''$ E.

Colour.—Red and black horizontal bands.

(b) Imosaki Se Buoy:

Position.—Latitude $34^{\circ} 19' 58''$ N., longitude $129^{\circ} 15' 50''$ E.

Colour.—Red and black horizontal bands.

Charts affected.—No. 2710, Tsu Sima Sound; No. 127, Hirado Kaikyo to Shimonoseki Kaikyo.

Publication.—Japan, Korea, and adjacent seas, 1904, page 123.

Authority.—Tokyo Notice No. 1441, dated 2nd October, 1909.

No. 1988.—UNITED STATES, ATLANTIC COAST—LONG ISLAND SOUND.

Plum Island, Eastern End—Channel Obstructed.

Subject.—A recent examination has revealed the existence of large scattered boulders in the channel between Plum Island and Old Silas Rock.

Position.—Lat. $41^{\circ} 11\frac{1}{2}'$ N., long. $72^{\circ} 9\frac{1}{4}'$ W.

Note.—Channel obstructed by boulders (least depth 10 feet) has been placed on the chart.

Chart affected.—No. 2754, Long Island Sound, Eastern Part.

Publication.—East Coast of the United States, 1899, page 417.

Authority.—United States Commerce Notice, No. 2902 of 1909.

No. 1989.—ALASKA.

Prince William Sound Approaches—Reefs.

Subject.—A recent survey has revealed the existence of the undermentioned reefs in the approaches to Prince William Sound.

(a) Position.—At a distance of 18 miles northward from Middleton Island, the west end being in lat. $59^{\circ} 47'$ N., long. $146^{\circ} 14'$ W.

Description.—A reef uncovering, in places, at extreme low water, extending for a distance of two miles in a north-easterly direction, with a width of about $\frac{1}{2}$ mile.

(b) Position.—At a distance of about 3 miles north-west from Cape St. Elias, and $1\frac{1}{2}$ miles from the west shore of Kayak Island; lat. $59^{\circ} 51'$ N., long. $144^{\circ} 37\frac{1}{2}'$ W.

Depth.—4 fathoms.

(c) Position.—At a distance of about 3 miles north-west from Cape St. Elias, and 1 mile from the west shore of Kayak Island, the southern end being in lat. $59^{\circ} 50\frac{1}{2}'$ W., long. $144^{\circ} 36\frac{1}{2}'$ W.

Description.—A reef extending for a distance of 1 mile in a northerly direction, with a least depth of 11 feet on it.

Variation.— 27° E.

Chart affected.—No. 1499, Cross Sound to Kadiak Island.

Publication.—Alaska and Bering Sea Pilot, &c., 1908, pages 370, 372.

Authority.—United States Commerce Notice, No. 2921 of 1909.

No. 1990.—AFRICA—NORTH-WEST COAST.

Mazighan—Shoal in Approach.

Subject.—A shoal, not hitherto shown on the charts, exists in the approach to Mazighan.

Position.—At a distance of $2\frac{1}{4}$ miles north of Mazighan, lat. $33^{\circ} 17\frac{3}{4}'$ N., long. $8^{\circ} 30\frac{3}{4}'$ W.

Depth.—5 fathoms.

Variation.— 15° W.

Chart affected.—No. 1228, Cape Spartel to Cape Ghir.

Publication.—Africa Pilot, Part I, 1907, page 120.

Authority.—French chart.

No. 1991.—MEXICO—WEST COAST.

Punta de Campos—Intended Light.

Subject.—A light of the undermentioned description will shortly be exhibited from Punta de Campos.

Position.—Lat. $19^{\circ} 1'$ N., long. $104^{\circ} 20\frac{1}{2}'$ W.

Character.—Flashing white light every two seconds.

Elevation.—387 feet.

Visibility.—26 miles.

Structure.—Tower, 33 feet in height.

Chart affected.—No. 516, Mangrove Bluff to Cape Corrientes.

Publications.—List of Lights, Part VII, 1909, page 55; West Coasts of America and the United States, 1907, page 164.

Authority.—United States Hydrographic Notice, No 2705 of 1909.

No. 1992.—UNITED STATES—ATLANTIC COAST.

Massachusetts Bay—Experimental Buoy.

Subject.—About 1st December, 1909, an experimental buoy as described below would be established in Massachusetts Bay in the undermentioned position.

Position.—Minots Ledge Lighthouse, lat. $42^{\circ} 16'$ W., long. $70^{\circ} 46'$ W. At a distance of about $2\frac{1}{8}$ miles, S. 88° E., from Minots Ledge Lighthouse, and S. 41° E. from the Graves Lighthouse.

Description.—Black conical submarine bell-buoy, Ex. 1.

Note.—The bell will be actuated by wave motion, and be without distinguishing characteristics.

Variation.— 13° E.

Charts temporarily affected.—No. 1227, Boston Bay and approaches; No. 2482, Fletchers Neck to Cape Cod.

Publication.—East Coast of the United States, 1899, page 292.

Authority.—United States Commerce Notice, No. 2892 of 1909.

No. 1993.—BALTIC, GERMANY—KIEL FIORD.

Bülk Point—Storm Signals Abolished.

Subject.—The storm signal station at Bülk Point has been abolished.