### NOTICES TO MARINERS.

(Nos. 32 to 38 of the year 1898.)

[The bearings are magnetic, and those concerning the visibility of lights are given from seaward.]

No. 32.—BERMUDA.

Regulation for Vessels Navigoting the Narrows or Ship Channel.

THE Government of Bermuda has given notice, dated 9th December, 1897, that the undermentioned regulation should be observed by all vessels navigating the Narrows or Ship Channel:-

All outward bound vessels approaching the Narrows or Ship Channel shall, on all occasions, before entering the channel, wait for inward-bound vessels, which are in the channel or so near thereto as to render it likely that, if both vessels proceed, they will meet in the channel, and shall allow such inward-bound vessels to pass completely through the channel before the outwardbound vessels shall enter it.

A note to this effect has been placed on Chart No. 867.

This Notice affects the following Admiralty Chart:—The Narrows to Hamilton, No. 867. Also, West India Pilot, Vol. II, 1837, page 575.

No. 33.-GULF OF BOTHNIA. Intended Alteration in Position of Sydostbrotten Light-Vessel.

THE Swedish Government has given notice that, in the spring of 1898, Sydostbrotten lightvessel (fixed white light, &c.), will be moored in a position about one mile, South, from the 19 feet shoal south-eastward of Sydostbrotten and in a depth of 30 fathoms.

Approximate position, lat. 63° 19' 35" N., long.

20° 13′ 45″ E.

[Variation 6° Westerly in 1898.]

This Notice affects the following Admiralty Charts:—Gulf of Bothnia, No. 2252; Stiernö Point to Finderag, No. 2300. Also, List of Lights, Part III, 1897, No. 602; and Baltic Pilot, Part II, 1896, page 378.

#### No. 24.—GULF OF BOTHNIA-SWEDISH SHORE.

Gefte Bight-Buoyage of Shoals near Iggo. THE Swedish Government has given notice that the undermentioned buoys will be placed, to mark shoals near Iggo, in the spring of 1898:-

1. A spar buoy, surmounted by a broom, on the eastern side of the fairway, at the southern extremity of the shoal ground extending southward of 1ggö.

Approximate position, lat. 60° 51′ 40″ N., long. 17° 19′ 10″ E.

2. A spar buoy, surmounted by a broom, near the  $1\frac{3}{4}$  fathoms shoal on the eastern side of the fairway, in approximately lat. 60° 55′ 5″ N., long. 17 20′ 35″ E.

3. A plain spar buoy, near the  $2\frac{1}{4}$  fathoms shoal on the western side of the fairway, in approximately lat. 60° 56′ 40″ N., long 17° 17′ 10″ E.

4. A plain spar buoy, near Klackarne, on the western side of the fairway, in approximately 1.t. 60° 57′ 20″ N., long. 17° 15′ 5″ E.

This Notice affects the following Admiralty Charts: -South Quarken to Hornslandet, No. 2296. Also, Baltic Pilot, Part II, 1896, page 3 14.

## No. 35.—GULF OF BOTHNIA— SWEDISH SHORE

Buoyage near Biurö Klubb and Kåge Fiärd. THE Swedish Government has given notice

وأعولا فالمستعملية أرافيه المراكز الأموار والمراز أرابها والموار فالمتحرات

alterations will be made in the buoyage of shoals near Biurö Klubb and Kåge Fiärd:-

- 1. A black and white spar buoy, surmounted by two balls, will be moored eastward of Kallen, in approximately lat. 64° 27′ 55″ N., long. 21° 39′ 40″ E.
- 2. The spar buoy, surmounted by two balls, previously moored on the eastern side of the 2-fathom shoal in approximately lat. 64° 28′ 25″ N., long. 21° 38′ 10″ E., will be replaced by a spar buoy, surmounted by a broom, both painted
- 3. A large, red, spar buoy, surmounted by one upturned broom between two balls, will be moored on the southern side of Sprangän, entrance to Kåge Fiärd, in approximately lat. 64° 48′ 25″ N., long. 21° 18′ 20″ E.

This Notice affects the following Admiralty Chart :- Fiädergäg to Tome Point, &c., No. 2301. Also, Baltic Pilot, Part II, 1896, pages 392, 394.

# No. 36.—ALASKA.

Chatham Strait—Amended Position of Russian Reef.

INFORMATION has been received from the Government of the Dominion of Canada, that Russian Reef, marked P.D. on the Admiralty Charts, is situated eastward of the fairway of Chatham Strait, in a position 31 miles from Caution Point, and on a line joining that point and Distant Point. It is about three-quarters of a mile long in a direction parallel to the shore.

Approximate position, lat. 57° 18' N., long. 134° 37' W.

This Notice affects the following Admiralty Charts:-Port Simpson to Cross Sound, No. 2431; Port McArthur to Windham Bay, No.

### No. 37.—NORTH SEA.

Position of North Hinder Light-Vessel. WITH reference to Notice to Mariners No. 542 of 1897 :--

Information has been received from the Netherlands Government, that North Hinder Lightvessel (flashing white light, &c., together with the watch-buoys in their relative positions) is now moored in a position relative to the shoals, represented on Chart No. 1406, by lat. 51° 35' No., long. 2° 833' E.

This Notice affects the following Admiralty Charts: -North Sea, Nos. 2339, 2182a; Dover and Calais, &c., No. 1406. Also, List of Lights, Part II, 1897, No. 31; and North Sea Pilot,

Part II, 1892, page 38.

### No. 38.--GULF OF BOTHNIA-SWEDISH SHORE.

Piteå Approach—Shoals and Buoyage. –

THE Swedish Government has given notice that, in the Spring of 1898, the undermentioned alterations will be made in the buoyage of the approach to Pitea, principally to mark shoals recently found :-

1. The red, spar buoy, previously moored on the west side of Söran, will be moved to the west side of a shoal with a depth of 16 feet on it, situated south-westward of Söran, in approximately lat. 65° 5′ 40" N., long. 21° 42′ 0" E.

2. A spar buoy, surmounted by a broom, will be moored on the west side of a shoal, with a depth of 18 feet on it, situated westward of Grundkallen, in approximately lat. 65° 6' 20" N., long. 21° 40' 20" E.

3. The plain spar buoy, previously moored on the south-west side of the rock near the norththat, in the spring of 1898, the undermentioned | east point of Sando, in approximately latitude