

Explanatory note in regard to the Charts, Tide Tables, and Notices to Mariners, published by the U. S. Coast and Geodetic Survey.

CHARTS.

As will be seen by a reference to the Catalogue, these are embraced in four classes:

1. Sailing Charts, on a scale of $\frac{1}{100,000}$, which exhibit the approaches to a large extent of coast, give the off-shore soundings, and enable the navigator to identify his position as he approaches from the open sea.
2. General Charts of the Coast, on scales of $\frac{1}{50,000}$ and $\frac{1}{25,000}$, which show the configuration of the shore, the positions of islands, rocks, and shoals, the light houses, life saving stations, and other natural and artificial landmarks, and are intended especially for coastwise navigation.
3. Coast Charts, on a scale of $\frac{1}{25,000}$, by means of which the navigator is enabled to avail himself of the channels for entering the larger bays and harbors, and to recognize the beacons, buoys, and light houses by their distinctive features and positions.
4. Charts of harbors, bays, and rivers, on large scales, intended to meet the needs of local navigation.

As required by law, the Charts are sold, as nearly as practicable, at the cost of the paper and printing. They are based upon accurate trigonometrical surveys, and every effort is made to keep them corrected so as to include all information received up to the time they are issued from this office. Persons using the Charts can always obtain the information required for making subsequent additional corrections from the Coast and Geodetic Survey Notices to Mariners.

TIDE TABLES.

The predicted times and heights of the tide at the chief ports of the United States are given in these Tables for every day of the year, with a table of constants, by means of which the times and heights at intermediate ports may be ascertained. One set of Tables for the ports of the Atlantic and Gulf Coasts, and one set for those of the Pacific Coast, are published annually. Price of each set, 25 cents.

NOTICES TO MARINERS.

Notices to Mariners, showing changes in light and buoys, discoveries of rocks, shoals, and other dangers to navigation, charts condemned, new charts, and other publications issued, are issued monthly, and can be found at the Sale Agencies of the Survey at all principal Ports, at the Custom Houses, the Branch Hydrographic Offices of the Navy Department, and at other usual resorts of mariners. These "Notices" will be regularly forwarded, *free of charge*, to all persons who furnish their names and post office addresses to the

"Assistant in charge of Office,
"U. S. Coast and Geodetic Survey,
"Washington, D. C."

"Notices" will not be sent to any address for a longer period than one year, unless the application for same is renewed. Prompt notice of changes of addresses should be given.

CATALOGUES.

Copies of the Coast and Geodetic Survey "Catalogue of Charts and other Publications" can also be obtained, *free of charge* on application at the Sale Agencies or by addressing the "Assistant in charge of Office."

U. S. COAST AND GEODETIC SURVEY OFFICE,
Washington, D. C., 1889.