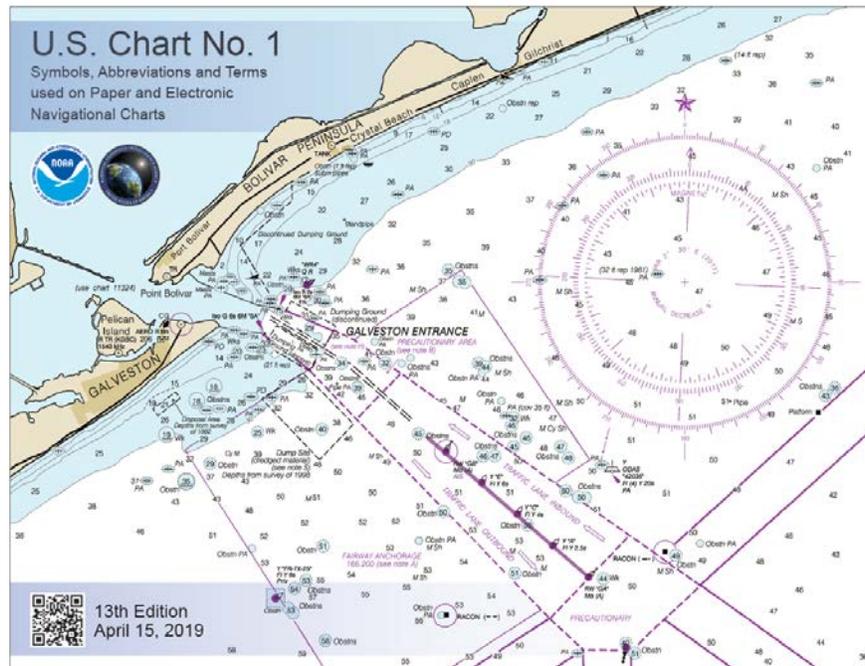


Summary of Significant Changes in the 13th Edition of U.S. Chart No. 1

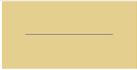
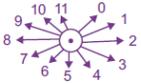
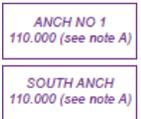
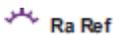


This 130 page book describes the symbols, abbreviations, and terms used on paper NOAA nautical charts and for displaying NOAA electronic navigational chart (NOAA ENC®) data on Electronic Chart Display and Information Systems (ECDIS). The document also shows paper chart symbols used by the National Geospatial-Intelligence Agency and symbols specified by the International Hydrographic Organization.

In the back of U.S. Chart 1, there is additional information about the characteristics and appearance of buoys conforming to the IALA Maritime Buoyage System that is used by the United States and most other seafaring nations.

Some of the changes implemented in U.S. Chart No. 1, Edition 13 are shown on the following page.

Some of the changes implemented in U.S. Chart No. 1, Edition 13

Chart No. 1 Symbol	Change Description
C 21	 Extended use of the dashed Intermediate River line symbol to also represent Intermediate Lakes.
D 11	 Added new NOAA light gray line symbol for Hard Surface Road.
F 29.2	 Added symbol for Bubble Curtain. Also called a pneumatic barrier, these consist of perforated pipe affixed near shore to the bottom of a body of water. As air is forced through the pipe, rising bubbles cause a wall of water to flow upward. The effect can stop or slow the passage of spilled oil or fish from passing through the barrier.
H r H s	 Deleted entries for obsolete New Moon and Full Moon symbols, which at one time accompanied chart tide tables.
H t	 Deleted entry for Current Diagram symbol, also called a current rose. These symbols are being removed on the next editions of the few charts in New England in which they currently appear.
K 47	 Deleted the text based Oyster Bed symbol. NOAA now uses the international symbol for Shellfish Bed.
K a	 Changed description of this symbol from "Rock awash" to "Rock which covers and uncovers, (height unknown)" to align with K 11, which shows the same feature, but for which a height is known.
N 12.2 N 12.3	 Added typical NOAA representations for Anchorages that reference the US Code of Federal Regulations (CFR). Text of relevant sections of the CFR are reprinted in Chapter 2 of each volume of the US Coast Pilot®.
N 13	 Deleted text based symbol for Seaplane Operating Area.
P 30.1 P 40.1	Deleted the symbols shown for NOAA and NGA, which were incorrect. Both agencies portray Directional and Sector Lights in a manner similar to that shown by the international symbols.
Q 51-53 Q 55-57 Q 59-63	 Deleted entries for many specific types of Special Purpose Buoys and added the note, "Purpose of buoy may be shown by label."
Q 130.1	 Added the Island of Taiwan to the list of western Pacific areas, which use the IALA B buoyage system.
Q 130.7	 Deleted the Q 63 entry for "Emergency wreck marking buoy" and moved the renamed aid, "New danger mark" to Q 130.7. Paper chart and ECDIS symbols are now shown, as well as a depiction of the buoy in Appendix 1.
S 4 S 5	 Deleted NOAA symbols for Radar Reflectors, which are not shown on NOAA charts.
S 18.1-7	 Added paper chart and ECDIS examples for each type of Virtual Automatic Identification System (V-AIS) aid to navigation symbol.
T 26 T 27	 Deleted entries for Distress Signal Station and Telegraph Station. Other types of Signal Stations remain.
Appendix 1	 Added depiction of a New Danger Mark in the appendix that shows examples of the aids to navigation in the IALA Maritime Buoyage System. A New Danger Mark entry was also added at Q 130.7.