NAUTICAL CHART 11314
INTRACOASTAL WATERWAY
CARLOS BAY TO REDFISH BAY
Including Copano Bay
TEXAS

MERCATOR PROJECTION; SCALE 1:40,000 AT LAT. 28°00'
SOUNDINGS IN FEET AT MEAN LOWER LOW WATER
North American Datum of 1983
(World Geodetic System 1984)

HEIGHTS
Heights in feet above Mean High Water

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey with additional data from the Corps of Engineers, Geological Survey, and, U. S. Coast Guard.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 5 for important supplemental information.

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to this datum are plotted on this chart to an accuracy of average of 1.0637 northward and 0.1854" westward to agree with this chart.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated)
Al alternating; Ob obscured; Mo morse code; R TR radio tower
Bn beacon; Iso isophase; Ra radar; Rbn radar beacon
Bk black; Mo morse; Ra reflector; Rg ranging
Bn beacon; F fixed; Oc occulting; Sec second
C can; Int intensity; Or orange; S sector
Co cone; Lt light; Pa patterns; SL sector light
F fixed; MO(W) Tfl. moorage tower; R red; W white
Fl flashing; Mkr marker; Rb Ref radar reflector; W(H) whistle
Rtb radiobeacon; Y yellow

Bottom characteristics
Bds boulders; Co coral; gr gray; Ovs oysters; so soft
bk broken; G gravel; h hard; Rk rock; Sh shells
C clay; Gys gyttja; M mud; S sand; sy stony
Miscellaneous
Ch charted; Obsn observation; PD position doubtful; Subm submerged
ED evidence doubtful; PA position approximate; Rep reported
Area subject to inundation; Area subject to tide or tidal current
Rocks that cover and uncover with heights in feet above datum of soundings

FACILITIES
Locations of public marine facilities are shown by large magenta numbers with leaders (and refer to the facility tabulation).

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).