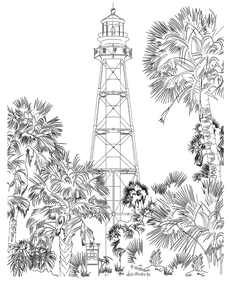
NAUTICAL CHART 11322
INTRACOASTAL WATERWAY

TEXAS
GALVESTON BAY TO CEDAR LAKES



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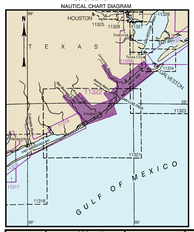
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

NAUTICAL CHART DIAGRAM



MERCATOR PROJECTION AT SCALE 1:40,000
SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER
North American Datum of 1983
(World Geodetic System 1984)

Additional information can be obtained at nauticalcharts.noaa.gov.

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.

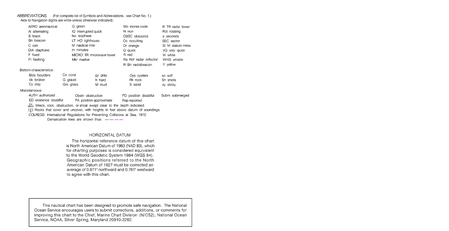
SUPPLEMENTAL INFORMATION
Consult U.S.G. Coast Pilot 5 for important supplemental information.

PUBLIC BOATING INSTRUCTION PROGRAMS
The United States Power Squadrons (USPS) and U.S. Coast Guard Auxiliary (USCGAUX), national organizations of boatmen, conduct extensive boating instruction programs throughout the United States. For more information regarding these educational courses, contact the following sources:
USPS - Local Squadron Commander or USPS Headquarters, 1504 Blue Ridge Road, Raleigh, NC 27607, 888-367-8777.
USCGAUX - COMMANDER (OAX), Eighth Coast Guard District, Hale Boggs Federal Building, Suite 1115, 500 Poydras Street, New Orleans, LA 70130, 800-524-8830; or (202) Headquarters, Office of the Chief Director (G-OCX), 2100 Second Street, SW, Washington, DC 20593

TIDAL INFORMATION
Predicted times for low tides may be obtained in Pass Cavallo (29°22' 96°24') to precede Matagorda Bay by about 20 minutes, with time of high tide corresponding to those of Pass Cavallo.
In Matagorda Bay the periodic tide has a mean range less than one-half foot.

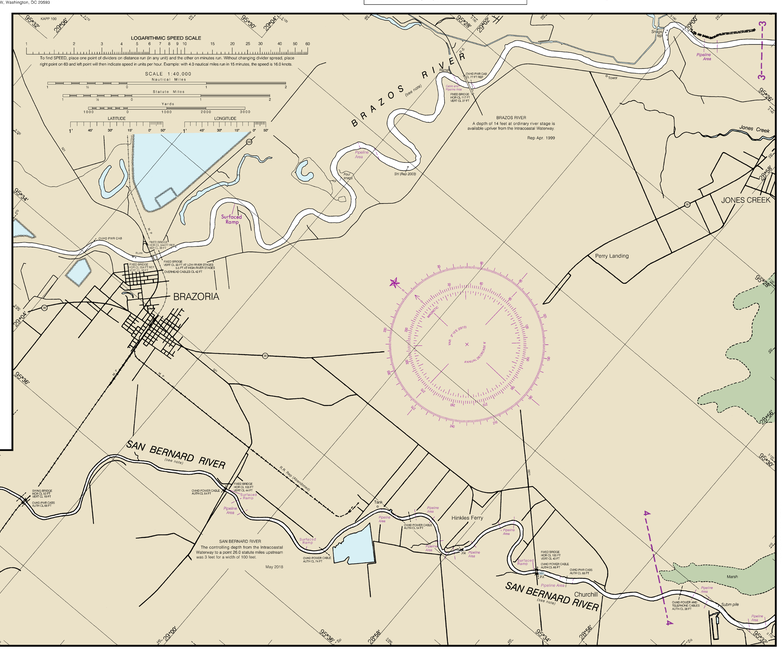
CAUTION
This chart has been corrected through Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the last week preceding the publication date shown left hand corner. Chart updates corrected from Notice to Mariners published after the date shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
All depths and elevations are in feet unless otherwise indicated.



HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83). The datum for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Positions plotted on this chart using the North American Datum of 1927 must be corrected an average of 0.87" northward and 0.76" westward to agree with this chart.

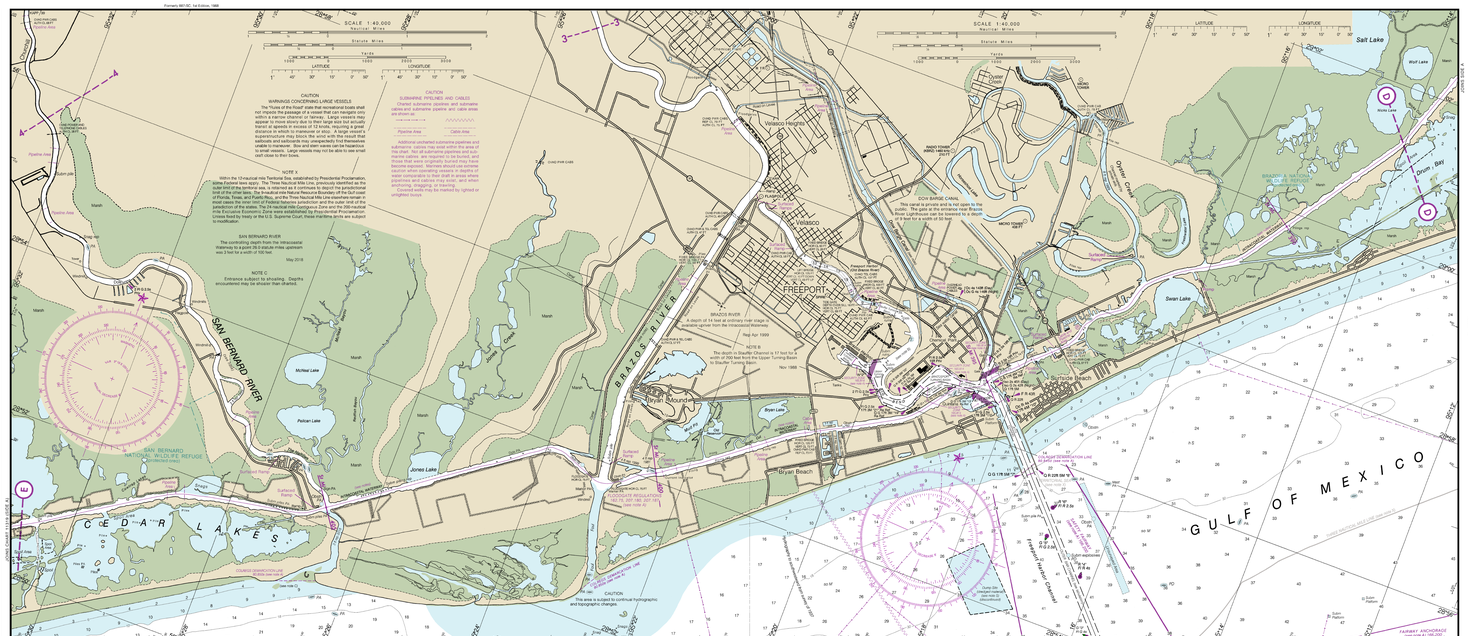
This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for consideration to the Chief, Coastal Cartography Branch (N/CG3), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.



Pump-out facilities

TIDAL INFORMATION
Near mid-time water level data, predictions and weather data are available via the Internet at http://tidesandcurrents.noaa.gov/ . Annual tide tables for the Pacific Coast of U.S. are available in printed form from private vendor printers.

PROJECT DEPTHS
Channel bypass and bulkheads, where indicated, reflect the U.S. Army Corps of Engineers (USACE) project depths. The channel may be significantly shoaler, particularly at the edges, than the USACE project depth. Shoaling may be reported by USACE, use NOAA Electronic Navigational Charts (ENC) survey and channel condition reports are available at http://navigation.usace.army.mil/Surveys/Hydro.


SCALE 1:40,000
BRAZOS RIVER
SAN BERNARD RIVER
FREEPORT
Quintana
Surfside Beach
Bryan Beach
Jones Lake
CEDAR LAKES
GULF OF MEXICO
Sand Island
Swan Lake
Sand Island
Sand Island
Sand Island