HOUSTON SHIP CHANNEL

CARPENTERS BAYOU TO HOUSTON

UNITED STATES - GULF COAST

TEXAS

Mercator Projection
Scale 1:10,000 at Lat. 29°43'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

PLANE COORDINATE GRID
(based on NAD 1927)

Texas State, South Central Zone, is indicated on this chart at 4000 foot intervals thus:

BUFFALO BAYOU

Mercator Projection
Scale 1:10,000 at Lat. 29°43'

SCALE 1:10,000
Nautical Miles
Yards

BUFFALO BAYOU
The controlling depth from Jensen Drive Bridge to the confluence of White Oak Bayou, a distance of 6.6 miles, was 8 feet for a width of 50 feet.
March 1994

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
Aids to Navigation (lights are white unless otherwise indicated)

AERO aeronautical	G green	Mo morse code	R, Rb radio tower
Al alternating	Gp group-occulting	N nun	Rot rotating
Bn beacon	Iso isophase	Obscd obscured	Vis visible
Bn beacon	LT HO lighthouse	Oc occulting	WSC sector
C can	M nautical mile	Or orange	St M statute miles
DA diaphone	m minutes	Q quick	VQ very quick
F fixed	MO(K) Mo microwave tower	R red	W white
F, fl flashing	Mkr marker	Ra Ref radar reflector	WHS whistle
		R Bn radiobeacon	Y yellow

Bottom characteristics

Bldr boulders	Co coral	gy gray	Oys oysters	sc soft
bk broken	G gravel	h hard	Rk rock	Sh shells
cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous

Al,Rk submerged	Obstn obstruction	PD position doubtful	Subm submerged
Ch, Rk chan obstruction	Oil oil pipeline	Wk wreck	
⚠ Wrecks, rocks, obstructions, or shoal area(s) clear to the depth indicated.			
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.			

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, and U.S. Coast Guard.

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

TIDES
There is practically no periodic tide. The rise and fall of the water depends upon meteorological conditions.

CAUTION
BASCULE BRIDGE CLEARANCES
For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

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

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service stations listed below provide continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Galveston, Texas	KHB-45	162.55 MHz
Houston, Texas	KIGG-68	162.40 MHz

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Those aids at radar reflector classification on these aids has been omitted from this chart.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which is considered to be equivalent to the datum used by the World Geodetic System 1984 (WGS 84). Geographic positions referenced to the North American Datum of 1927 must be corrected an average of 0.83" northward and 0.757" westward to agree with this chart.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 8th Coast Guard District in New Orleans, LA, or at the Office of the District Engineer, Corps of Engineers in Galveston, TX.

Refer to charted regulation section numbers.

NOTE B
The U.S. Coast Guard operates a mandatory Vessel Traffic Services (VTS) system in the Houston and Galveston Bay areas. Vessels required to participate in the system, and radiotelephone frequencies are published in 33 CFR 161 the U.S. Coast Pilot, and/or the VTS User's Manual.

SOURCE DIAGRAM
The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

B1	1990-1995	NOS Surveys	partial bottom coverage
B4	1900-1939	NOS Surveys	partial bottom coverage

LOGARITHMIC SPEED SCALE

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.5 nautical miles run in 15 minutes, the speed is 18.0 knots.

SCALE 1:10,000
Nautical Miles
Yards

HOUSTON SHIP CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2000

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT).

NAME OF CHANNEL	LEFT HALF	LEFT QUARTER	RIGHT QUARTER	RIGHT HALF	DATE OF SURVEY	PROJECT DIMENSIONS Width	DEPTH	CHANNEL MILES
HOUSTON SHIP CHANNEL:								
TURNING BASIN, SLIP, SOUTH SIDE TURNING BASIN #4	38.0	39.0	39.0	37.0	10-01	400-520	4.96	42
THENCE TO HOUSTON (BAYOU B)	38.0	39.0	39.0	37.0	10-01	400-580	4.79	42
CHENEY BAYOU CHANNEL:								
(TO FIRST BEND)	35.0	36.0	38.0	37.0	10-01	500-575	0.54	36
SIMS BAYOU CHANNEL:								
BAYOU (UPPER BEND)	38.0	42.0	42.0	40.0	10-01	300	1.91	42
TURNING POINT AT WAITING BAYOU	38.0	42.0	42.0	41.0	6-00	300	0.37	42
THENCE TO SOUTHERN PACIFIC SLIP	38.0	42.0	41.0	37.0	1-02	300	0.34	42
TURNING POINT AT SIMS BAYOU	41.0	41.0	41.0	41.0	1-02	700	0.28	42
THENCE TO HOUSTON TURNING BASIN WHARF 15	37.0	38.0	38.0	37.0	11-01	350	0.88	36
TURNING POINT AT BRADY ISLAND	31.0	32.0	34.0	36.0	6-00	400	0.17	36
HOUSTON TURNING BASIN	36.0	37.0	37.0	35.0	11-01	350-1058	0.75	36
UPPER TURNING BASIN	35.0	37.0	37.0	36.0	11-01	750	0.33	36

A. CHANNEL WIDENS 100 FEET IN LEFT OUTSIDE QUARTER IN VICINITY OF EXXON PL. CO.
B. CHANNEL NARROWS IN VICINITY OF THE SHELL OIL CO. SLIP.
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS, GALVESTON DISTRICT. THE CORPS OF ENGINEERS MAINTAINS THE CHANNEL TO PROJECT DIMENSIONS. CONVERSION TO MEAN LOWER LOW WATER, NOT 1 FOOT TO SOUN DEPTH IN THE TABULATION.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

HOUSTON
MAGNOLIA PARK
CLINTON PARK
GALENA PARK
HARRISBURG
MANCHESTER
HIDALGO PARK
Turning Basin
Buffalo Bayou
Brady Island
Upper Clinton Bend
Turkey Bend Cutoff
Turkey Bend
Greens Bayou
Sims Bayou
Carpenters Bayou
Hunting Bayou
Clinton Ditch Bayou
Brady Bayou
Patrick Bayou
Armco Steel Corp
Todd Shipyard Corporation
Warren Petroleum Corp
Olin-Mathieson Chemical Corporation
Phillips Chemical Co
Adams Tallow
Gulf Compress Co
U S Gypsum
Sinclair Petrochemical Corp
Sun Chemicals Corp
Witco Chemical Corp
Texas Petrochemicals Corp
Rohm and Haas Texas Inc
Lyondell Petrochemical Co
Goodyear Tire & Rubber Co
Shell Oil Co
Shell Deer Park Refining Co
Deer Park Refining Corp
Mitchell Energy Corp
Exxon Co USA
Rollins Environmental Services Inc
Bay Chemicals
Bayport Industrial Park
Bayport Area
Pasadena
Deer Park
La Porte
Baytown
Morgans Point
Barbours Cut
Galveston Bay
Todville
Tallege Point
Turning Basin Wharf 15
Houston Turning Basin
Upper Turning Basin
Southern Pacific Slip
Houston Ship Channel
Sims Bayou Turning Point
Waiting Bayou
Cheney Bayou
Jensen Drive
Clinton Drive
Lockwood Drive
Federal Road
Main Street
Broadway
Fairmont Parkway
Spencer Highway
Pasadena Blvd
Red Bluff Road
Battleground Road
Port Road
Miller Cut-Off
Bay Area Blvd
Gulf Freeway
Beltway 8
Sam Houston State Park
Lynchburg Ferry
Lynchburg Landing
Lynchburg Slough
Scott Bayou
Hog Island
Goat Island
Middle Ground
Middle Ground Shoal
Redfish Reef
Redfish Bar
Redfish Island
Redfish Island Area
Bird Island
Bird Island Shoal
Atkinson Island
Atkinson Island Area
Alexander Island
Alexander Island Area
Pelican Island
Pelican Island Area
Long Reach
Morgans Point Channel
Barbours Cut Channel
Galveston Bay Channel
Houston Ship Channel
Bolivar Roads
Bolivar Roads Channel
Bolivar Roads Anchorage
Bolivar Roads Anchorage Area
Bolivar Flats
Bolivar Flats Shoal
Bolivar Flats Anchorage
Bolivar Flats Anchorage Area
Bolivar Peninsula
Bolivar Peninsula Channel
Bolivar Peninsula Ferry Landing
Galveston Ferry Landing
Galveston Island
Galveston Island Channel
Galveston Island Entrance
Galveston Island Entrance Channel
Galveston Island Entrance Channel Range
Galveston Island Entrance Channel Range Front Light
Galveston Island Entrance Channel Range Rear Light