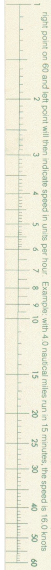


LOGARITHMIC SPEED SCALE

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 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots

NO	LOCATION	TIDES: DIURNAL RANGE	TIDES: DIFF (HRS) GALVESTON	DEPTH: APPROACH-FEET(REPORTED)	DEPTH: ALONGSIDE-FEET(REPORTED)	SERVICES: ELECTRICITY-MOORINGS-BERTHS (TRANSIENTS)	SERVICES: RAMP SURFACED-NATURAL	SERVICES: REPAIRS HULL-MOTOR-RADIO	SERVICES: MARINE RAILWAY-FEET	SERVICES: LIFT CAPACITY-TONS	SERVICES: BOAT RENTAL CANOE-ROW-MOTOR	SERVICES: BOAT RENTAL CHARTER-HOUSE-SAIL	SERVICES: FOOD-LODGING-CAMPING	SERVICES: TOILETS-SHOWERS-LAUNDRY PUMP-OUT STATION	SERVICES: WINTER STORAGE WET-DRY	SUPPLIES: NAUTICAL CHART SALES	SUPPLIES: WATER-ICE	SUPPLIES: GROCERIES-HARDWARE	SUPPLIES: BAIT-TACKLE	SUPPLIES: DIESEL OIL-GASOLINE
1	E BAY YACHT HARBOR			3	3	BME		HMR		2				T	W		WI		BT	
1A	TOM'S REPAIR&TACKLE			3				M									WI		BT	G
2	PALACIOS MARINA			5	5	BME	N							T	WD		WI	GH	BT	G
4A	PALACIOS BOAT&NET			9	8	ME		HM	75					T						
4B	BAYSIDE CAMPER PARK			13	5	B	N						C	TSL			I		BT	
5	T A BURCH MARINA			6	6		S													G
8	TOWNSEND BAIT&BOAT			6	6	BME	S				R		C	T	D		WI	H		DG
9	INDIAN POINT FISH P			10	6	BME							C	T			WI	G	BT	
10	INDIANOLA FISH CTR			6	5	B	S				R		F C	T			WI	G	BT	G
11	PORT O CONNOR F CTR	0.5		10	10	ME	S					C	FLC	TS		C	WI	GH	BT	DG
13	UNCLE BILL'S MARINA	0.5		12	6	BM	S							T		C	WI	G	BT	
14	CAPT'S FISHING CTR	0.5		30	15		S	HMR				C	FLC	TS	WD	C	WI	GH	BT	DG
14A	TEXAS PARKS			4	4		S				•		F C	T			W			
15	EVELYNS FISH MARKET			12	12												WI	G	BT	DG

(+)DENOTES HOURS LATER (-)DENOTES HOURS EARLIER
THE LOCATIONS OF THE ABOVE PUBLIC MARINE FACILITIES ARE SHOWN ON THE CHART BY LARGE PURPLE NUMBERS.
THE TABULATED "APPROACH-FEET(REPORTED)" IS THE DEPTH AVAILABLE FROM THE NEAREST NATURAL OR DREDGED CHANNEL TO THE FACILITY.
THE TABULATED "PUMPING STATION" IS DEFINED AS FACILITIES AVAILABLE FOR PUMPING OUT BOAT HOLDING TANKS.

THIS TABULATION WAS PRODUCED USING COMPUTER ASSISTED METHODS.

PUBLIC BOATING INSTRUCTION PROGRAMS

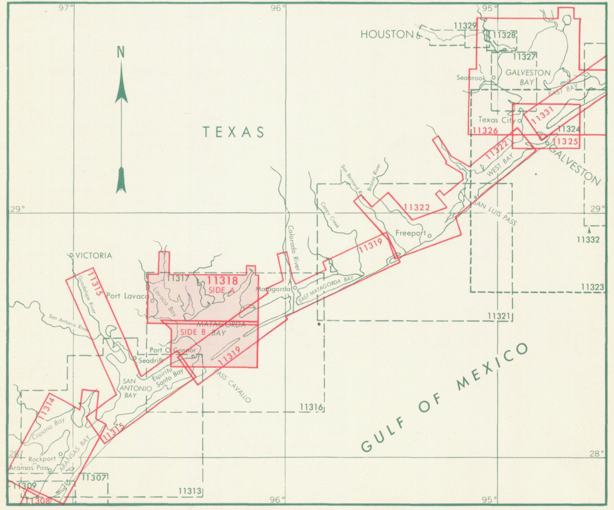
The United States Power Squadrons and U. S. Coast Guard Auxiliary, national organizations of boatmen, conduct extensive boating instruction programs in communities throughout the United States. For information regarding these free educational courses, contact the following sources:

USPS – Local Squadron Commander or USPS National Headquarters, Post Office Box 30423, Raleigh, North Carolina 27612

USCGAUX – Director of Auxiliary, 8th Coast Guard District, Hale Boggs Federal Bldg., 500 Camp Street, New Orleans, LA, 70130 (504) 589-6629 or USCG Headquarters (BAU/62) Washington, D.C. 20590.

SCALE 1:50,000
NAUTICAL MILES

NAUTICAL CHART DIAGRAM

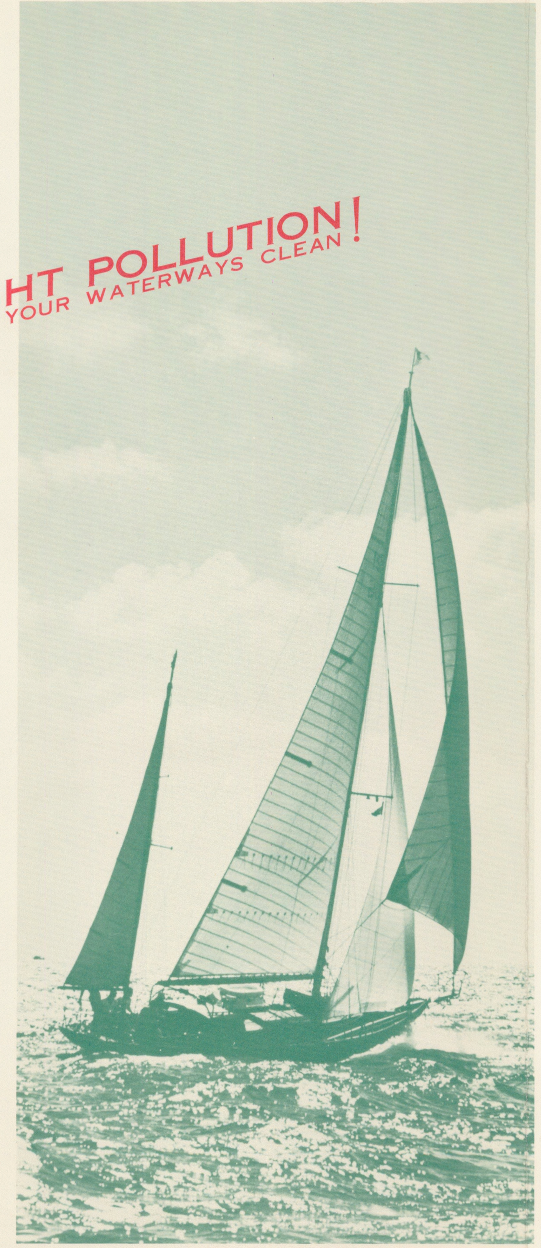


11318

NAUTICAL CHART 11318

MATAGORDA BAY
INCLUDING LAVACA AND TRES PALACIOS BAYS
TEXAS

FIGHT POLLUTION!
KEEP YOUR WATERWAYS CLEAN



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

11318 EDITION 11 AUGUST 1982

LITIGATION FILE

MARINE WEATHER FORECASTS

NATIONAL WEATHER SERVICE	TELEPHONE NUMBERS	OFFICE HOURS
Galveston, Texas	*765-9479	24 hours daily
Houston, Texas	*228-4427	24 hours daily
	228-2527	24 hours daily
Victoria, Texas	575-1782	24 hours daily
Corpus Christi, Texas	*289-0753	24 hours daily
	*289-1861	24 hours daily

*Recorded 24 hours daily

NOAA WEATHER RADIO BROADCASTS

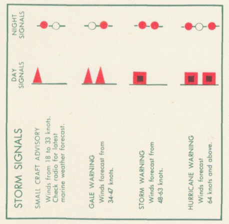
CITY	STATION	FREQ. (MHz)	BROADCAST TIMES
Victoria, Texas	WXK-34	162.40	24 hours daily

BROADCASTS OF MARINE WEATHER FORECASTS AND WARNINGS BY MARINE RADIOTELEPHONE STATIONS

CITY	STATION	FREQ.	BROADCAST TIMES	SPECIAL WARNING
Galveston, Texas	NOY	2670 kHz 157.1 MHz	4:50 AM & PM, 6:50 AM, 10:50 PM	On receipt
Port Aransas, Texas	NOY-3	*157.1 MHz	5:00 AM 5:00, 11:00 PM	On receipt
		2670 kHz	4:40, 6:40, 10:40 AM 4:40 PM	On receipt

* One hour later during Daylight Savings Time.
Distress calls for small craft are made on 2182 kHz or channel 16 (156.80 MHz) VHF.

STORM SIGNALS



SMALL CRAFT ADVISORY
Winds from 18 to 33 knots. Check radio for latest marine weather forecast.

GALE WARNING
Winds forecast from 34-47 knots.

STORM WARNING
Winds forecast from 48-63 knots.

HURRICANE WARNING
Winds forecast 64 knots and above.

WEATHER RULES FOR SAFE BOATING

Before setting out:

1. Check local weather and sea conditions.
2. Obtain the latest weather forecast for your area from radio broadcasts.

When warnings are in effect, don't go out unless you are confident your boat can be navigated safely under forecast conditions of wind and sea. Be cautious when you see warning displays at U. S. Coast Guard stations, yacht clubs, marinas, and at other coastal points.

While afloat:

1. Keep a weather eye out for:
   - A. A sudden vertical cumulus cloud development
   - B. A sudden change in wind direction
   - C. A sudden noticeable increase in wind velocity
   - D. A drop in temperature
2. Be alert to heavy static on your AM radio which may indicate approaching thunderstorms
3. Check radio weather broadcasts for latest forecasts and warnings

Thundersqualls often occur on warm, moist afternoons and are a great hazard to the mariner. They can have wind gusts up to 80 mph and hit almost without warning. To survive a squall, you must prevent being capsized or blown to leeward into danger.

SAFETY HINTS

1. Keep your chart up to date by applying all Notices to Mariners corrections when you receive them.
2. Read carefully all notes printed on your chart, each is vital to your safety afloat.
3. Learn the meaning of each symbol and abbreviation on your chart from Chart No. 1.
4. The compass on your chart shows the variation from true north, however you must also correct your bearing for the deviation of your boat.
5. Constantly use your chart from the beginning to end of each trip. Keep in mind the orientation of your boat with respect to the chart.
6. Maintain your position on the chart by relating charted features with those you can identify in your surroundings.
7. Storm warning display locations and small craft warning signals have been charted for your safety.

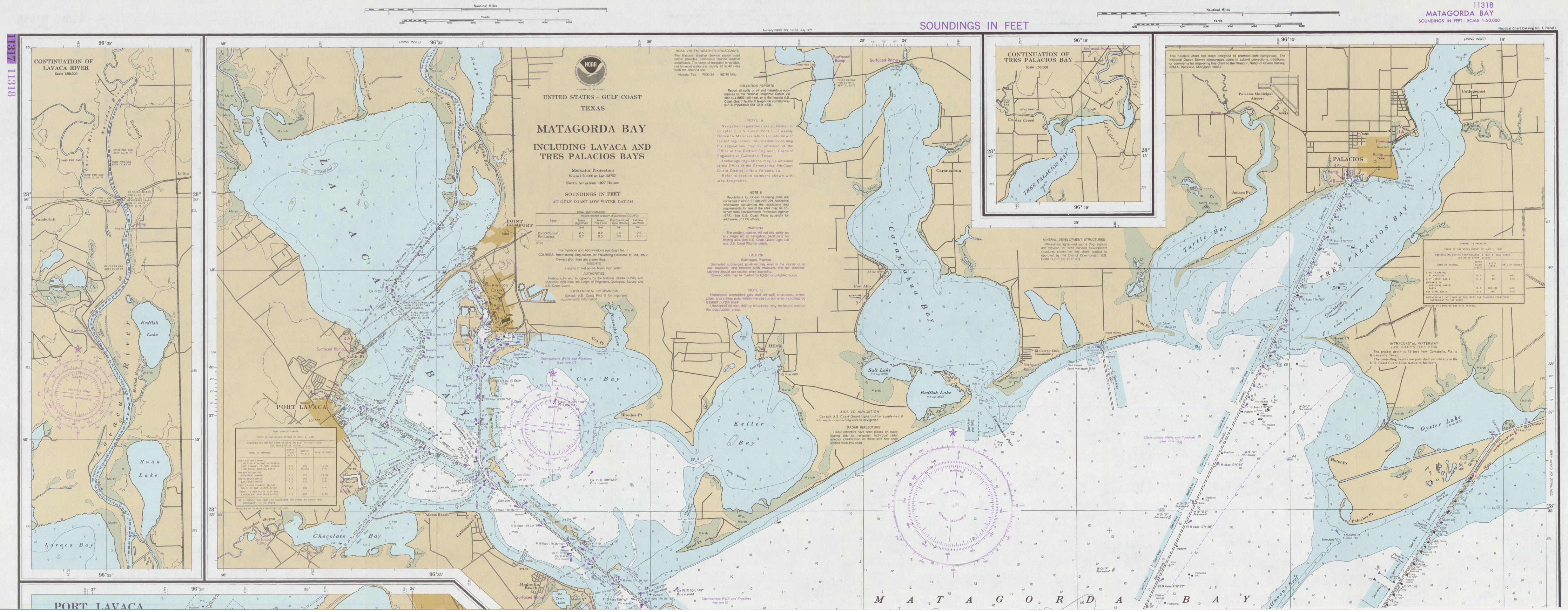
11317 11318

Formerly C&GS 522, 1st Ed., July 1971

SOUNDINGS IN FEET

11318
MATAGORDA BAY
SOUNDINGS IN FEET – SCALE 1:50,000

Nautical Chart Catalog No. 1, Panel L



UNITED STATES – GULF COAST
TEXAS

MATAGORDA BAY
INCLUDING LAVACA AND TRES PALACIOS BAYS

Mercator Projection
Scale 1:50,000 at Lat. 28°37′
North American 1927 Datum

SOUNDINGS IN FEET
AT GULF COAST LOW WATER DATUM

TIDAL INFORMATION

Place	Height referred to datum of soundings (GCLWD)			
	Mean High Water	Mean Tide Level	Gulf Coast Low Water Datum	Extreme Low Water
	feet	feet	feet	feet
Port O'Connor	0.5	0.2	0.0	−2.5
Port Lavaca	0.7	0.3	0.0	−2.0

(280)

For Symbols and Abbreviations see Chart No. 1

COLREGS. International Regulations for Preventing Collisions at Sea, 1972.

Demarcation lines are shown thus: - - - - -

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean 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.

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Victoria, Tex.	WXK-34	162.40 MHz

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).

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5, or weekly Notice to Mariners which include new or revised regulations. Information concerning the regulations may be obtained at the Office of the District Engineer, Corps of Engineers in Galveston, Texas.

Anchorage regulations may be obtained at the Office of the Commander, 8th Coast Guard District in New Orleans, La.

Refer to section numbers shown with area designation.

NOTE S

Regulations for Ocean Dumping Sites are contained in 40 CFR, Parts 220-229. Additional information concerning the regulations and requirements for use of the sites may be obtained from Environmental Protection Agency (EPA). See U.S. Coast Pilots appendix for addresses of EPA offices.

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.

CAUTION

Submerged Pipelines

Uncharted submerged pipelines may exist in the vicinity of oil well structures, and between such structures and the shoreline. Mariners should use caution when anchoring.

Covered wells may be marked by lighted or unlighted buoys.

NOTE C

Numerous uncharted gas and oil well structures, pipes, piles, and stakes exist within the obstruction area indicated by dashed purple lines.

Uncharted oil well drilling structures may be found outside the obstruction areas.

AIDS TO NAVIGATION

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

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

MINERAL DEVELOPMENT STRUCTURES

Obstruction lights and sound (fog) signals are required for fixed mineral development structures shown on this chart, subject to approval by the District Commander, U.S. Coast Guard (33 CFR 67).

This nautical chart has been designed to promote safe navigation. The National Ocean Survey encourages users to submit corrections, additions, or comments for improving this chart to the Director, National Ocean Survey, NOAA, Rockville, Maryland 20852.

INTRACOASTAL WATERWAY
(USE CHARTS 11315, 11319)

The project depth is 12 feet from Carrabelle, Fla. to Brownsville, Texas.

The controlling depths are published periodically in the U. S. Coast Guard Local Notice to Mariners.

PORT LAVACA HARBOR

CORPS OF ENGINEERS REPORT OF NOV. 1, 1981

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GULF COAST LOW WATER DATUM (GCLWD)

NAME OF CHANNEL	DEPTH GCLWD (FEET)	WIDTH (FEET)	DATE OF SURVEY
PORT LAVACA CHANNEL:			
JUNCTION WITH THE MATAGORDA SHIP CHANNEL TO PORT LAVACA	6.6	125	10-81
LYNN BAYOU TURNING BASIN	9.5	30-300	9-81
HARBOR OF REFUGE:			
APPROACH CHANNEL	8.0	125	10-81
NORTH-SOUTH BASIN	8.5	300	9-81
EAST-WEST BASIN	8.5	250	9-81
PORT LAVACA CHANNEL TO THE MOUTH OF THE LAVACA RIVER	6.0	100	9-81
THENCE TO RED BLUFF (VIA THE LAVACA AND NAVIDAD RIVERS)	3.8	100	8-80

NOTE-CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE

PRODUCED BY COMPUTER ASSISTED METHODS

CHANNEL TO PALACIOS

CORPS OF ENGINEERS REPORT OF JUNE 1, 1981

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GULF COAST LOW WATER DATUM (GCLWD)

NAME OF CHANNEL	DEPTH GCLWD (FEET)	WIDTH (FEET)	DATE OF SURVEY
GIWW TO BASINS AT PALACIOS	10.7	125	4-81
CITY (EAST) BASIN	11.0	150	4-81
ENTRANCE TO MUNICIPAL (WEST) BASIN	10.0	400-130	4-81
MUNICIPAL BASIN	12.0	240	4-81

NOTE-CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE

PRODUCED BY COMPUTER ASSISTED METHODS

RULES OF THE ROAD
(ABRIDGED)

Motorless craft have the right-of-way in almost all cases.
Sailing vessels and motorboats less than sixty-five feet in length, shall not hamper, in a narrow channel, the safe passage of a vessel which can navigate only inside that channel.
A motorboat being overtaken has the right-of-way.
Motorboats approaching head to head or nearly so should pass port to port.
When motorboats approach each other at right angles or obliquely, the boat on the right has the right-of-way in most cases.
Motorboats must keep to the right in narrow channels, when safe and practicable.
Mariners are urged to become familiar with the complete text of the Rules of the Road in U.S. Coast Guard publication "Navigation Rules".

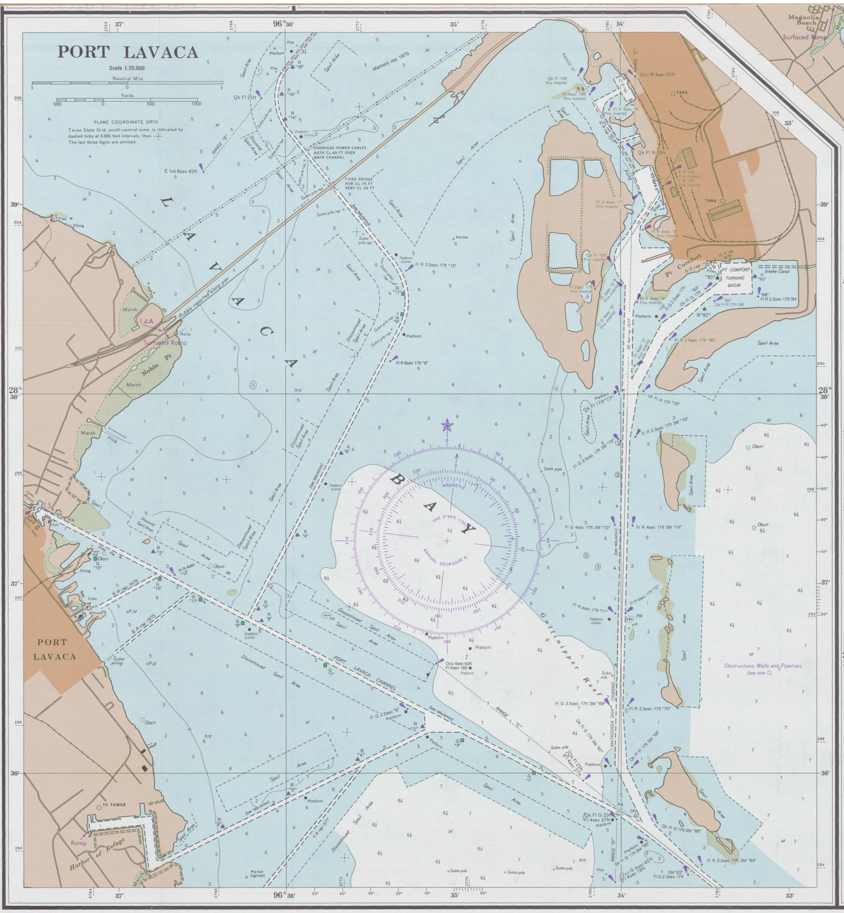
CAUTION

Small craft should stay clear of large commercial and government vessels even if small craft have the right-of-way.

All craft should avoid areas where the skin divers flag, a red square with a diagonal white stripe, is displayed.

11318
MATAGORDA BAY
SOUNDINGS IN FEET – SCALE 1:50,000

Chart 11318 provides additional information for the small-craft operator

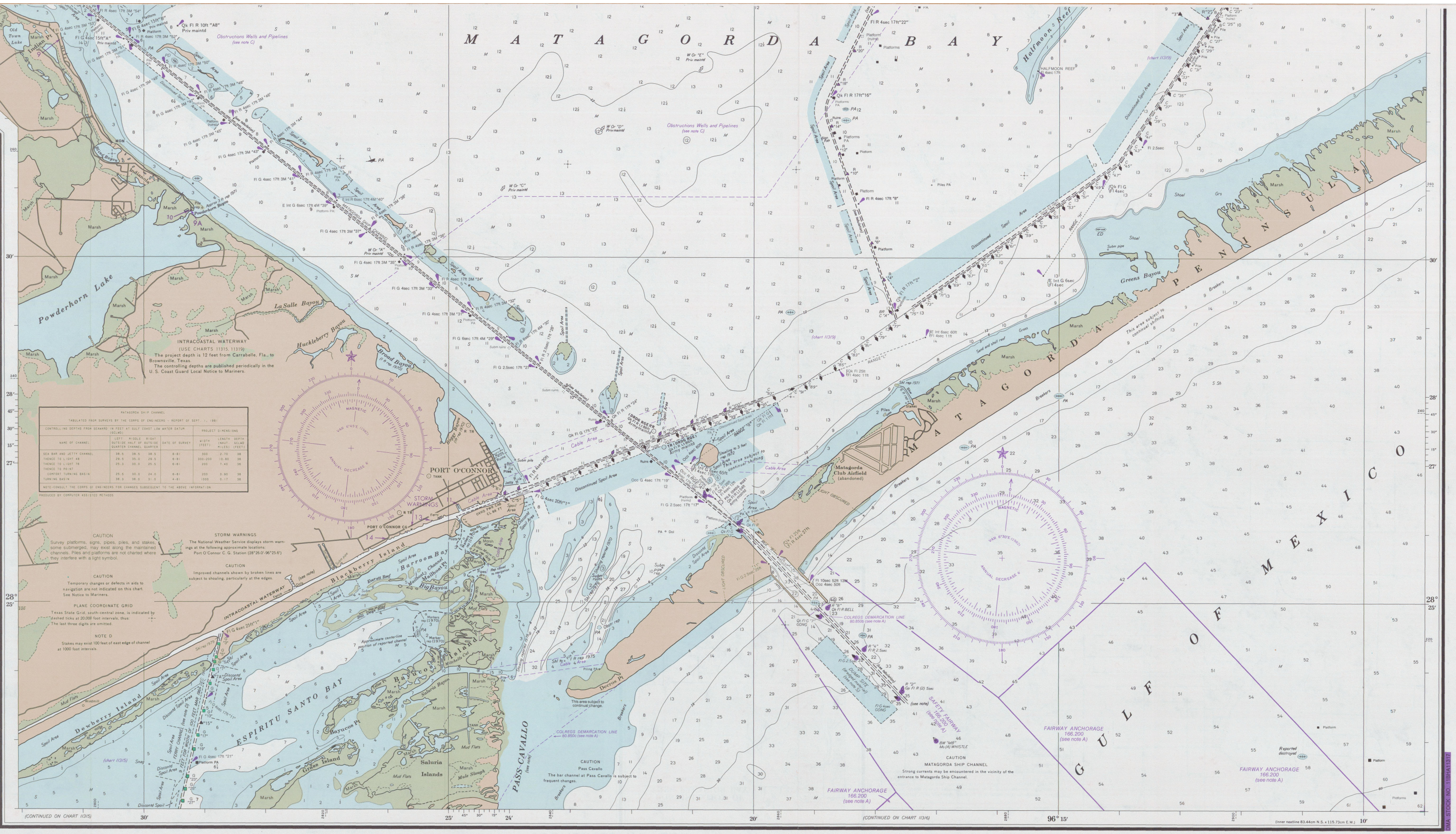


PORT LAVACA

Scale 1:20,000

PLANE COORDINATE GRID

Texas State Grid, south-central zone, is indicated by dashed ticks at 4,000 foot intervals, thus: -+-
The last three digits are omitted.



INTRACOASTAL WATERWAY
(USE CHARTS 11315, 11319)
The project depth is 12 feet from Carrabelle, Fla., to Brownsville, Texas.
The controlling depths are published periodically in the U. S. Coast Guard Local Notice to Mariners.

MATAGORDA SHIP CHANNEL

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEPT. 1, 1981

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GULF COAST LOW WATER DATUM (GCLWD)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH GCLWD (FEET)
SEA BAR AND JETTY CHANNEL	38.5	38.5	38.5	8-81	300	2.70	38
THENCE TO LIGHT 48	29.5	35.0	29.5	6-81	300-200	10.80	36
THENCE TO LIGHT 76	25.3	30.0	25.5	6-81	200	7.40	36
THENCE TO POINT COMFORT TURNING BASIN	25.5	30.0	24.0	6-81	200	0.90	36
TURNING BASIN	36.3	36.0	31.0	4-81	1000	0.17	36

NOTE-CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

PRODUCED BY COMPUTER ASSISTED METHODS

CAUTION
Survey platforms, signs, pipes, piles, and stakes, some submerged, may exist along the maintained channels. Piles and platforms are not charted where they interfere with a light symbol.

STORM WARNINGS
The National Weather Service displays storm warnings at the following approximate locations:
Port O'Connor C. G. Station (28°26.0'-96°25.6')

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 Notice to Mariners.

PLANE COORDINATE GRID
Texas State Grid, south-central zone, is indicated by dashed ticks at 20,000 foot intervals, thus: -+-
The last three digits are omitted.

NOTE D
Stakes may exist 100 feet of east edge of channel at 1000 foot intervals.

CAUTION
Pass Cavallo
The bar channel at Pass Cavallo is subject to frequent changes.

CAUTION
MATAGORDA SHIP CHANNEL
Strong currents may be encountered in the vicinity of the entrance to Matagorda Ship Channel.

14th Ed., June 26/82 ■ 11th Ed., June 26/82

11317 11318

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 print date shown in the lower left hand corner.

SOUNDINGS IN FEET

LOGARITHMIC SPEED SCALE
1 2 3 4 5 6 7 8 9 10 15 20 25 30 40 50 60
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 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots

Published at Washington, D. C.
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

Nautical Miles
1 ½ 0 1 2 3 4
Yards
1000 0 1000 2000 3000 4000 5000 6000

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102

METERS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

(Matagorda Bay) 11318 11317
SOUNDINGS IN FEET - SCALE 1:50,000