

Full Committee Meeting 27 April, 2023





Report on Blue/Brownwater Seminar





Post Seminarion Courter Post Seminarion Courter Coordination Courter

2-Day Interactive Training Seminar

Guest Wireless: PilotNW

Password: HPilot203

See full slide deck titled "Bluewater – Brownwater Symposium



WSA Review – Enterprise Products





Education, Research and Workforce Development Subcommittee Report



PREPARING TOMORROW'S PORT AND MARINE TERMINAL INDUSTRY LEADERS TODAY.

M.S. IN PORT AND TERMINAL MANAGEMENT DEGREE



- Port and marine terminal industry master's degree programs and certifications
- Business and engineering faculty supported by industry professionals
- Fully online courses enhancing mid-career opportunities
- Industry relevant research in management, operations, logistics and security

Vist us online lamar.edu/portmanagement

Robert R. Dubois Executive Director rdubois@lamar.edu



The Center for Advances in Port Management offers three distinctive online post-graduate certificates that are perfect for those looking to increase their knowledge but do not wish to attain the full master's degree. Each certificate is awarded upon successful completion of the 4 courses.

THE 3 CERTIFICATES COMBINE TO MAKE LAMAR UNIVERSITY'S M.S. IN PORT AND TERMINAL MANAGEMENT DEGREE.

+ Ports, Trade & Global Logistics Certificate

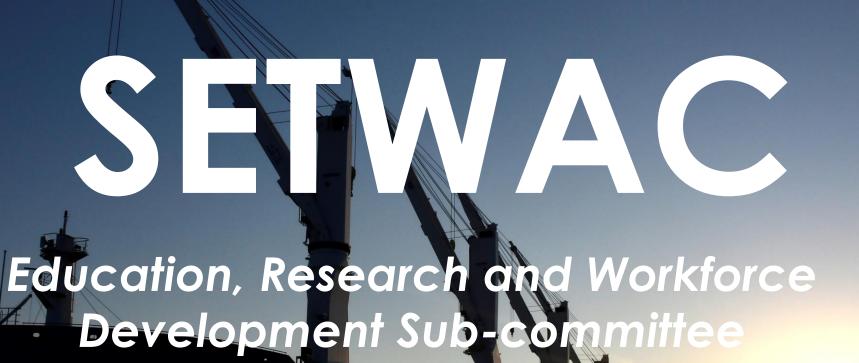
Legal Framework of Ports and Trade Introduction to Port Management Freight Transportation Logistics Economics of Ports and Trade

+ Port and Marine Terminal Development and Operations Certificate

Capital Projects Strategic and Master Facility Planning Risk Analysis and Decision Making Port Security and Resiliency Planning

+ The Management of Port & Marine Terminals Certificate

Port Property and Asset Management Marine Terminal Operations Team Leadership Leadership and Negotiation





- Maritime Coloring Book
- Maritime Scavenger Hunts

- Ivory Bill Educational Boat Tour Partnership
- · BISD Career Readiness Program
- Maritime Presentations

 BISD Career Exploration Program

 Port of Beaumont Partnership with BISD

PRE-SCHOOL ELEMENTARY SCHOOL

MIDDLE SCHOOL

HIGH SCHOOL

MARITIME OPPORTUNITIES IN SETX

FOUR YEAR+

CERTS / 2 YEAR

- Sea Scout Ship 1916
- Camp Seaport (POPA)
- · BISD Maritime Program
- Dual Credit Programs in fields that support maritime

- Lamar State College Orange Maritime Program
- Lamar University certificates in trade & global logistics, terminal development, and marine terminal management

- Lamar University Dash Degree
- Lamar University Masters in Port and Terminal Management



FREE MARITIME CAMP OFFERED BY THE PORT OF PORT ARTHUR



10 MEMBERS, 3 BOATS, 11+ CERTIFICATIONS



AMERICAN HEART ASSOCIATION CPR/AED AND BASIC FIRST AID

Five Sea Scouts participated in First Aid and CPR training where they learned CPR, AED use, and basic first aid skills like resuscitation, securing splints, and controlling bleeding.



SCUBA CERTIFICATION

Professional Association of Diving Instructors (PADI) certifications were earned by several members of the Ship. The course was taught by instructors at Scuba Groves.



RED CROSS LIFEGUARD CERTIFICATION

The three-day training taught Sea Scouts patron surveillance techniques, victim recognition, proper entry techniques, proper rescue skills, and much more.



BLACKSMITH WORKSHOP TO CREATE MARLIN SPIKE

Sea Scouts teamed up with Spindletop-Gladys City Boomtown Museum Blacksmith Rob Flurry to create Marlin Spikes.



MARKSMANSHIP AWARD

Sea Scouts received their Marksmanship Award after completing a program that taught the basics of handling and shooting a gun.



BIG THICKET CONSERVATION KAYAK TREK

Sea Scouts helped test water and learn about the ecology, history, leave no trace, and the culture of the region with the Big Thicket Association.



POWDER HORN

Members attended Powder Horn, a high adventure resource-management course designed to motivate and prepare Scouts as they plan and do high adventure activities as part of the program.



SOUTHEAST TEXAS FOOD BANK PROGRAMS & SCHOOL SUPPLIES

Ship mates collected supplies that benefited the Southeast Texas Food Bank's program that distributes supplies to children in need.



SAN MARCOS CANOE & KAYAK TRAINING

Sea Scouts participated in an overnight kayak trip and training opportunity that taught them new skills they can use on the water.



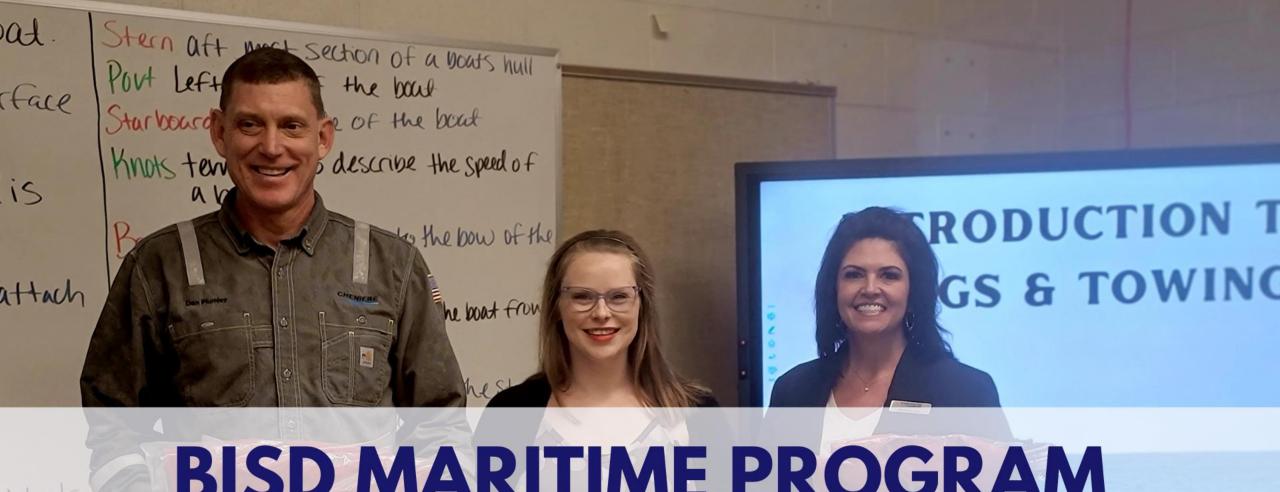
PORT ARTHUR YACHT CLUB LIGHTED BOAT PARADE

In addition to sailing and restoring three sail boats, Sea Scouts participate in the Port Arthur Yacht Club's Annual Lighted Boat Parade.



SETWORKS TEACHER EXTERNSHIP

WORKFORCE SOLUTIONS INITIATIVE THAT EXPOSES TEACHERS TO SOUTHEAST TEXAS PORTS-JUNE 5-9



BISD MARITIME PROGRAM

OFFERED TO BISD HIGH SCHOOL JUNIORS AND SENIORS, WITH DUAL CREDIT OPPS. AT LSCO



\$2,025 PROGRAM WITH JOB OPPORTUNITY UPON ENDORSEMENT



2023

TRANSPORTATION

INDUSTRY JOB FAIR MAY 18
10AM - 2PM
510 PARK ST.
BEAUMONT, TEXAS 77701





SEAFARER WELFARE SUBCOMMITTEE

Southeast Texas Waterway Advisory Committee April 27, 2023

Reminder: If 3rd Parties are unavailable, facility must transport from ship-to-gate

33 CFR § 105.237: System for seafarers' access.

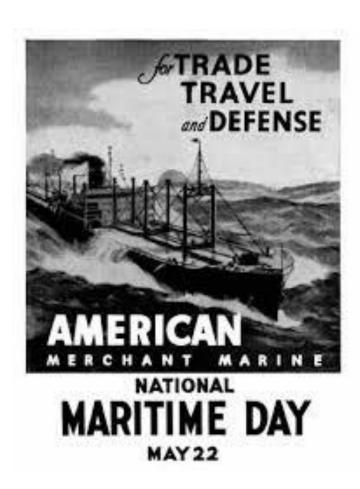
(d) Access methods. The facility owner or operator must ensure that the access described in this section is provided through one or more of the following methods:

...(7) If an access method relies on a third party, a back-up access method that will be used if the third party is unable to or does not provide the required access in any instance. An owner or operator must ensure that the access required in paragraph (a) of this section is actually provided in all instances.



Texas Maritime Gala **Bob Bowers** Civic Center May 18,2023

National Maritime Day Observance Monday, May 22, 2023



Honoring the Next Generations of US Merchant Mariners

- When: Monday, May 22, 2023
- Where: The Seamen's Memorial Sundial
- 1100 4th Street Port Arthur
- Time: 10:00 A.M.
- Lunch to follow at Port Arthur International Seafarers' Center
- 401 Houston Avenue, Port Arthur



Seafarer Access to Facilities

SETWAC Seafarers' Welfare Committee

Fr. Sinclair Oubre, J.C.L., AFNI

1500 Jefferson Drive

Port Arthur, Texas 77642

Phone: 409-749-0171

Email: Sinclair.Oubre@stellamarismail.org

Facebook: www.facebook.com/Stella-Maris-Diocese-of-Beaumont-107480633974106



Questions?

Thank You





COMMERCIAL FISHERMEN

Southeast Texas Waterway Advisory Committee



Waterway Maintenance and Improvement Subcommittee Report Kyle Reed, Sabine-Neches Navigation District



Pipeline Update



Pipelines to be removed for Contract				
2A				
		Anticipated		
Size (in)	Owner	Construction		
		Date		
12	Targa	May/June 23'		
8	Renaissance	May/June 23'		
16	Kinetica	May 23'		

Sabine-Neches Waterway

Operations and Maintenance Update

Timothy J. White, P.E., PMP Resident Engineer

Desiré Legé Supervisory Civil Engineer

Sara C. Knoll, P.E. Operations Manager

USACE – Galveston District

SETWAC Meeting

April 27, 2023





Ongoing Contracts

Sabine-Neches Waterway





SABINE-NECHES WATERWAY ENTRANCE CHANNEL TO SABINE PASS DEEPENING



Hopper dredge Stuyvesant currently dredging in Sections 11 - 13.

Project:	Sabine-Neches Waterway – CIP (Contract #2A – Half Depth – Extension Channel to Sabine Bank)
Dredging Depth:	44 feet + Adv Maint
Dredging Quantity:	Est. 9 MCYs Federal Contract
Material Type:	NEW WORK
Placement Areas:	ODMDS 1-4 and A-D
Type of Equipment:	Hopper
Award:	September 2021
Req Completion	October 2023

Contractor: Dutra



FY 2023

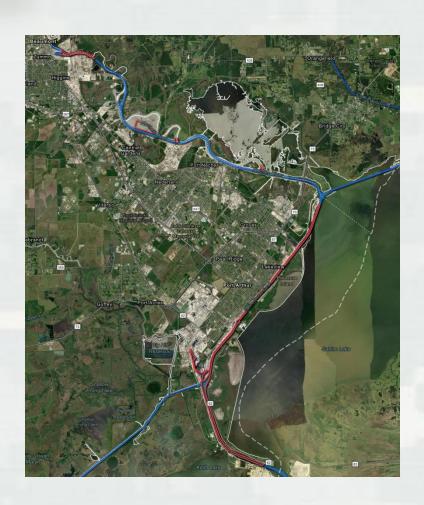
Future Dredging Contracts

Sabine-Neches Waterway





SABINE-NECHES WATERWAY Dredging Reaches



Project:	Sabine-Neches Waterway FY23 SNWW Maintenance Dredging
Dredging Depth:	40ft. Authorized Depth
Dredging Quantity:	Est. 3.6 MCY
Material Type:	MAINTENANCE
Dredge Type	Pipeline Dredge
Advertisement	April 2023
Bid Opening	May 2023
Award:	July 2023
Est. Completion	TBD

Contractor: TBD

Contract includes Taylor's Bayou and MARAD in the base, plus options.





SABINE-NECHES WATERWAY SABINE BANK TO SABINE PASS DEEPENING



Project:	Sabine-Neches Waterway Sabine Bank Channel to Sabine Pass Channel Half Depth (Contract #2B)
Dredging Depth:	46/44 feet + Adv Maint.
Material Type:	NEW WORK
Award:	SNND: FY 23

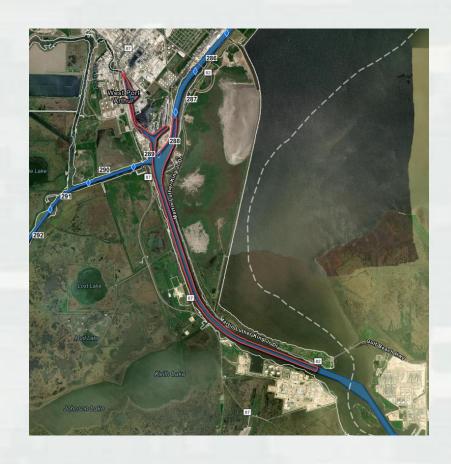
To be awarded by SNND.

Contractor: TBD





SABINE-NECHES WATERWAY PORT ARTHUR CANAL & TAYLOR'S BAYOU DEEPENING



Project:	Sabine-Neches Waterway Port Arthur Canal, Taylor's Bayou Half Depth (Contract #3)
Dredging Depth:	44 feet + Adv Maint.
Material Type:	NEW WORK
Award:	SNND: FY 23

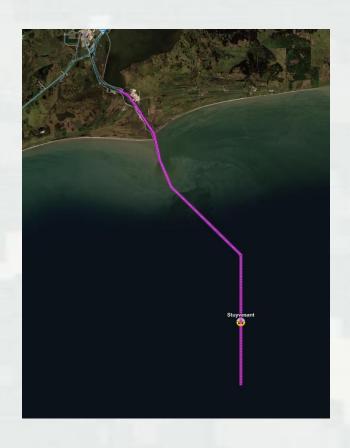
To be awarded by SNND.

Contractor: TBD





SABINE-NECHES WATERWAY EXTENSION CHANNEL TO SABINE PASS DEEPENING



Project:	Sabine-Neches Waterway – CIP (Contract #6 – Full Depth – Sabine Entrance Channel)
Dredging Depth:	50 feet + Adv Maint.
Material Type:	NEW WORK
Award:	USACE: FY 24

To be awarded by USACE. Contract 6A & 6B combined.

Contractor: TBD

POC: Franchelle Nealy Project Manager 409-766-3187



SABINE TO GALVESTON

PORT ARTHUR &

&
ORANGE
www.swg.usace.army.mil/S2G









Orange County Coastal Storm Risk Management Project







A new levee/floodwall system:

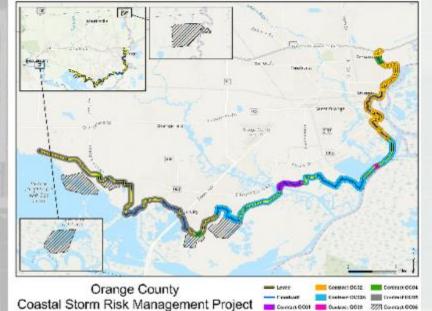
The Orange County Coastal Storm Risk Management (CSRM) Project includes construction of a new levee/floodwall system to reduce storm surge damage caused by hurricane and tropical storm events that affect the southern half of Orange County along the Sabine River and Bessie Heights Marsh. The proposed project alignment follows the edge of the Sabine and Neches River floodplain from the City of Orange and ends West of Bessie Heights, measuring approximately 26.3 miles. This includes construction of 15.6 miles of levees, 10.7 miles of floodwalls, 7 pump stations, 56 internal drainage structures, 32 closure gates located at road and railway crossings, 2 navigable sector gates and 6 environmental mitigation areas.

Objectives:

The new CSRM Project is intended to reduce risk to human life and reduce economic damages to business, residents, and infrastructure from storm surge while ensuring no **additional** induced interior flooding.







Contract #	Scope	Contract #	
OC01	Cow Bayou Complex – 84 ft Navigable Gate, Pump Station	OC04	7 Pump stations, tie ins, gates, drainage structures
OC02	2.4 miles floodwall, 3.0 miles levee, 18 gates, drainage structures	OC05	2.6 miles floodwall, 7.6 miles levee, 7 gates, drainage structures
OC02A	4.2 miles floodwall, 4.9 miles levee, 5 gates, drainage structures	5536	6 Mitigation sites to compensate for impacts to forested wetlands and estuarine marsh
OC03	Adams Bayou Complex – 84 ft Navigable Gate, Pump Station		

Project Schedule:

STATO

Design

Design Agreement Signed 18 Sept 2020

Construction







Port Arthur and Vicinity Coastal Storm Risk Management Project







Reinforcement of an existing levee/floodwall system:

The Port Arthur and Vicinity Coastal Storm Risk Management (CSRM) Project in Jefferson County will result in improvements and additions to the existing Hurricane Flood Protection Project (HFPP). The plan includes raising approximately 5.5 miles of the existing 27.8 miles of earthen levee and constructing or reconstructing approximately 5.7 miles of floodwall. A separate 1,830 feet of new earthen levee will be constructed in the Port Neches area northwest of the existing northern terminus. Additionally, 26 vehicle closure structures will be replaced and erosion protections will be added.

Objectives:

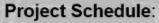
The improved <u>CSRM</u> system is intended to increase the level of performance and resiliency of the existing Port Arthur and Vicinity HEPP.



Road closure gate



Contract #	Scope	Contract #	Scope
PAV01	1.1 miles levee raise	PAV03A	3.3 miles levee raise, 1.9 miles floodwall replacement, 1 gate
PAV02	0.2 miles floodwall replacement	PAV03B	0.02 miles levee raise, 0.5 miles floodwall replacement, 7 gates
PAV03	0.1 miles levee raise, 1.0 miles floodwall replacement, 11 gates	PAV04	0.4 miles levee raise. 0.4 miles new levee, 2.0 miles floodwall replacement. 3 gates



STATE

Design

PPA Signed 29 Nov 2019

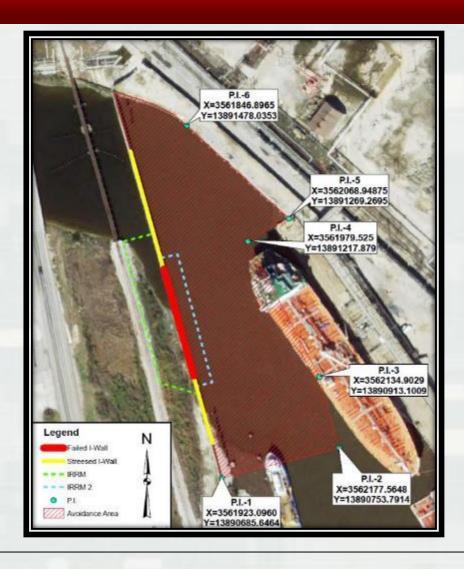
Construction



Taylors Bayou



Taylors Bayou Current Restrictions



Current Status:

- Vessel Traffic Allowed in Hatched Area shown in Figure WITH LIMITATIONS put on tugs.
- Wall and temporary protection is being monitored by DD7 and USACE.



Taylors Bayou Proposed Channel Improvement Changes







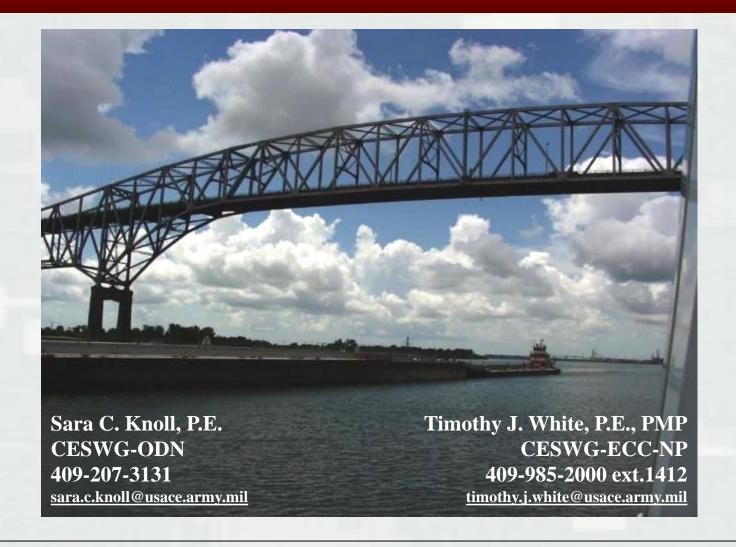
Taylors Bayou Proposed Channel Improvement Changes







Questions?





MSU Port Arthur Port Security Specialist





Michael J. Hiatt 409-284-5775 Mobile 409-723-6525 Desk Michael.j.hiatt2@uscg.mil

Southeast Texas and Southwest Louisiana Area Maritime Security Committee

AMSC Meeting: 11 APR 23 with 78 attendees Challenge: To grow committee in CY2024

- U. S. Coast Guard Auxiliary
- State agencies (Texas and Louisiana)
- Port Partners (facilities and ports)

Future meeting locations will rotate between Texas and Louisiana

Future Keynote Speakers will focus on revitalization of all aging security aspects of the ports to align with national priorities.

Port Security Grants Program

FEMA Grant POC: Lurranda "Rene" Phillips (202)368-5487 Work Mobile (202)786-9735 Desk Lurranda.Phillips@fema.dhs.gov



	Submission COTP Review Funding Selection Award Date	36-Month Performance Period				
	Deadline	COTT Review	Funding Selection	Awaru Date	Start	End
<u>KEY DATES</u>	18 May 2023	15 JUNE 2023	1 JULY 2023	30 SEPT 2023	1 SEPT 2023	31 AUG 2026

Questions?

Michael J. Hiatt 409-284-5775 Mobile 409-723-6525 Desk Michael.j.hiatt2@uscg.mil



QUESTIONS/COMMENTS?





New Business

U. S. PORT RANKINGS 2021 (by total tonnage)

(Millions of Short Tons – 2021 ACOE data)

	Port	Tons	% Diff		Port	Tons	% Diff
1	Houston, TX	266.5	-3.4	20	Northern Indiana District, IN	30.3	22.6
2	Port of S. Louisiana, LA	224.7	-0.2	21	Tampa, FL	30.0	5.3
3	Corpus Christi, TX	164.4	9.1	22	Charleston, SC	28.4	13.8
4	New York, NY and NJ	142.3	15.1	23	Texas City, TX	28.0	-17.1
5.	Long Beach, CA	91.5	15.6	24	Valdez, AK	25.5	1.5
6.	New Orleans, LA	89.5	10.4	25	Portland, OR	24.5	9.6
7.	Beaumont, TX	74.6	5.7	26	Southern Indiana District, IN	24.2	-0.8
8.	Baton Rouge, LA	71.2	-0.6	27	Port of Pascagoula, MS	23.8	2.9
9.	Port of Virginia	64.5	11.1	28	Port Everglades, FL	23.7	16.2
10.	Los Angeles, CA	64.3	8.1	29	Tacoma, WA	23.4	8.3
11.	Plaquemines, LA	52.7	12.7	30	Seattle, WA	22.9	-0.2
12.	Mobile, AL	50.3	1.6	31	Richmond, CA	20.9	-0.9
13.	Lake Charles, LA	48.3	12.2	32	South Jersey Port District	20.2	-0.3
14.	Savannah, GA	47.7	9.7	33	Oakland, CA	18.9	-2.8
15.	Freeport, TX	42.2	9.0	34	Port of Kalama, WA	18.4	1.4
16.	Port Arthur, TX	40.2	-2.4	35	Jacksonville, FL	17.4	4.3
17.	Baltimore, MD	37.4	6.4	36	Pittsburgh, PA Port of	16.4	5.8
18.	Duluth/Superior, MN/WI	32.5	29.5	37	Two Harbors, MN	15.8	16.8
19.	Philadelphia Regional Port	30.7	7. 5	38	Honolulu, O'ahu, HI	14.8	20.3
				112	Orange, TX	2.3	-43.5





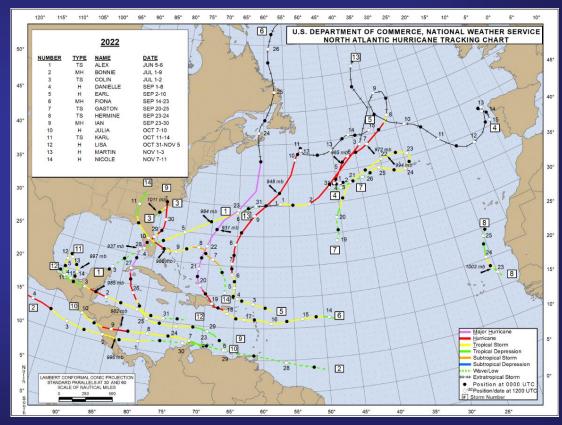
2023 Hurricane Season Seminar





2022 Hurricane Season Recap

- Atlantic Hurricane Season
- 14 Named Storms
 - 8x Hurricanes
 - 4x CAT 3 or Stronger
- Earliest Storm: Tropical Storm Alex (05 June)
- Last Storm: Hurricane Nicole (7 November)



2023 HURRICANE SEASON PREDICTIONS



- <u>11 15 Named Storms</u>
 - 4 8 Hurricanes
 - 1 2 Major Hurricanes (CAT 3 & Above)

ATLANTIC HURRICANE SEASON OUTLOOK							
Named Major Direct US Storms Hurricanes Hurricanes Impacts							
2022	14	8	2	4			
2023 Forecast	11-15	4-8	1-3	2-4			
30-Year Average	30-Year 14 7 3 4						

ATLANTIC STORM NAMES 2023 HURRICANE SEASON			
ARLENE	HAROLD	OPHELIA	
BRET	IDALIA	PHILIPPE	
CINDY	JOSE	RINA	
DON	KATIA	SEAN	
EMILY	LEE	TAMMY	
FRANKLIN	MARGOT	VINCE	
GERT	NIGEL	WHITNEY	

Tropical Cyclone Classification



Saffir-Simpson Scale for Hurricane Classification						
Strength	Wind Speed (Kts)	Wind Speed (MPH)	Pressure (Millibars)	Pressure		
Category 1	64- 82 kts	74- 95 mph	>980 mb	28.94 "Hg		
Category 2	83- 95 kts	96-110 mph	965-979 mb	28.50-28.91 "Hg		
Category 3	96-113 kts	111-130 mph	945-964 mb	27.91-28.47 "Hg		
Category 4	114-135 kts	131-155 mph	920-944 mb	27.17-27.88 "Hg		
Category 5	>135 kts	>155 mph	919 mb	27.16 "Hg		
	Tropica	al Cyclone Cla	ssification			
Tropical De	Tropical Depression 20-34kts					
Tropical Storm 35-63kts						
Hurricane 64+kts or 74+mph						

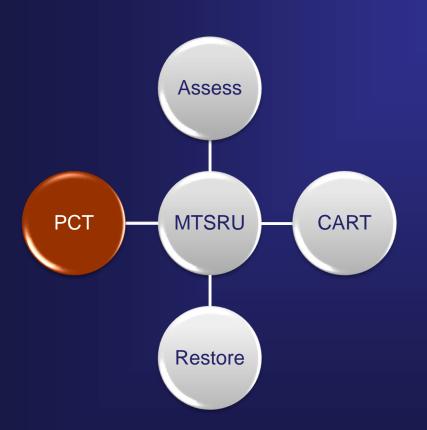






Communication







Port Coordination Team



USCG CBP FEMA MARAD NOAA USACE NWS MSC SDDC **Federal** State Local Industry

TGLO TXDOT TX DPS TRRC

S-N Chiefs Assoc.
S-N Nav District
Jefferson Cty Judge
Jefferson Cty Sheriff
LNVA
City Governments

Sabine Pilots
Harbor Tugs
GICA
Facility Reps
Allied Services

Resources For Personal Hurricane Prep



- ► Texas Dept. of Insurance 1-800-252-3439 www.tdi.state.tx.us
- FEMA Information Ready 1-800-BE-READY www.ready.gov
- ► American Red Cross Beaumont Chapter 409-832-1644 www.redcrossbeaumont.org
- ► National Flood Insurance Program- www.floodsmart.gov
- Southeast Texas Information- www.setinfo.org
- ► National Hurricane Center- www.nhc.noaa.gov
- ► National Weather Service Lake Charles- www.weather.gov/lch

Marine Information



MSIB



VTS Advisory

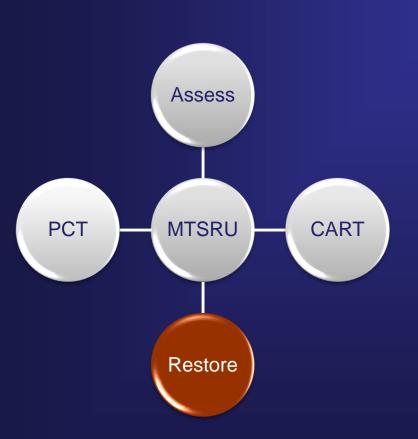


BNTM



MTS Restoration





- Hazard Removal
- Shoaling
- Aids to Navigation
- Environmental
 - Spills, Wrecks, Potentials
- Flotsam
- Locks and Bridges
- Waterfront Facilities





Calcasieu Waterway

No vessel movements allowed at this time.

Sabine Neches Waterway

The Sabine-Neches Waterway is open to limited traffic. The following restrictions are in effect:

- Vessels greater than 500-gross tons (GT) are restricted until an assessment of deep draft channels are completed. Test runs of limited draft vessels will begin a.m. August 30, 2020.
- A dry dock is sunk in the Sabine-Neches Canal 2-miles south of Beans Fleet. No vessels
 may operate within ½ mile of the sunk dry dock without permission of "Port Arthur Traffic"
 (VTS) or the Captain of the Port.
 - a. While the dry dock remains sunk in the channel, no vessels will be allowed to pass during night time hours.
 - Barge configurations allowed to pass will be limited based on the condition and location of the dry dock. Contact "Port Arthur Traffic" for details.



Captain of the Port Details



MARINE SAFETY UNIT PORT ARTHUR (08-33241)

2901 TURTLE CREEK DRIVE PORT ARTHUR TX

Primary Phone: (409) 723-8500 Emergency Phone: (409) 723-8500 Fax Number: (409) 723-8534

Rescue 21 VHF DSC MMSI Number:

Response Phone: 409-719-5011 Incident Mgmt. Phone: 409-719-5034 Enforcement Phone: 409-719-5013 Prevention Phone: 409-723-6564 Inspection Phone: 409-723-8572 Investigations Phone: 409-723-6591

Waterways Management Phone: 409-719-5080

Prep/Planning Phone: 409-723-6525 Facilities Branch Phone: 409-723-6590 Commercial Fishing Vessel Phone: N/A Foreign Vessel Exams Phone: N/A

Facility Inspection Branch Phone: 409-719-5033



National Response Center Number: 800-424-8802 - Contact the NRC for oil spills, hazmat releases, and America's Waterway Watch.

Port Status Information

Port	Port Status	Comments	Last Changed
ORANGE	Open with Restriction	s MSIB 02-13 - 23.5 Foot Draft Restriction	2020-11-16
BEAUMONT (TX)	Open		2020-10-22
CAMERON	Open		2020-11-16
CC BUOY LAKE CHARLES P.S.	Open		2020-11-16
LAKE CHARLES	Open		2020-11-16
PORT ARTHUR	Open		2020-10-22
SABINE	Open		2020-10-22
SABINE BAR	Open		2021-05-06
Showing 1 to 8 of 8 entries			

Previous





The Captain of the Port has set MARSEC Level 1 for the Port Arthur and Lake Charles COTP Zone.

Modified: 2020-02-13



VTS/WATERWAYS CONTACTS



- > Scott Whalen, Director VTS Port Arthur, (409) 719-5086 scott.k.whalen@uscg.mil
- ➤ Douglas Hendrix, Operation/Training Manager, (409) 719-5083 douglas.g.hendrix2@uscg.mil
- ➤ Vessel Traffic Center, Watch Supervisor 24hrs (409) 719-5070 msuportarthur-vtssup@uscg.mil
- > VTS Webpage https://www.atlanticarea.uscg.mil/vtsportarthur/
- **▶** Homeport Website http://homeport.uscg.mil

Mark Your Calendars Upcoming SETWAC Meetings



Working Group Meeting

Thursday, April 13, 2023 10:00 am

Sabine-Neches Navigation District Office

Full Committee Meeting

Thursday, April 27, 2023 10:00 am

MSU Port Arthur

