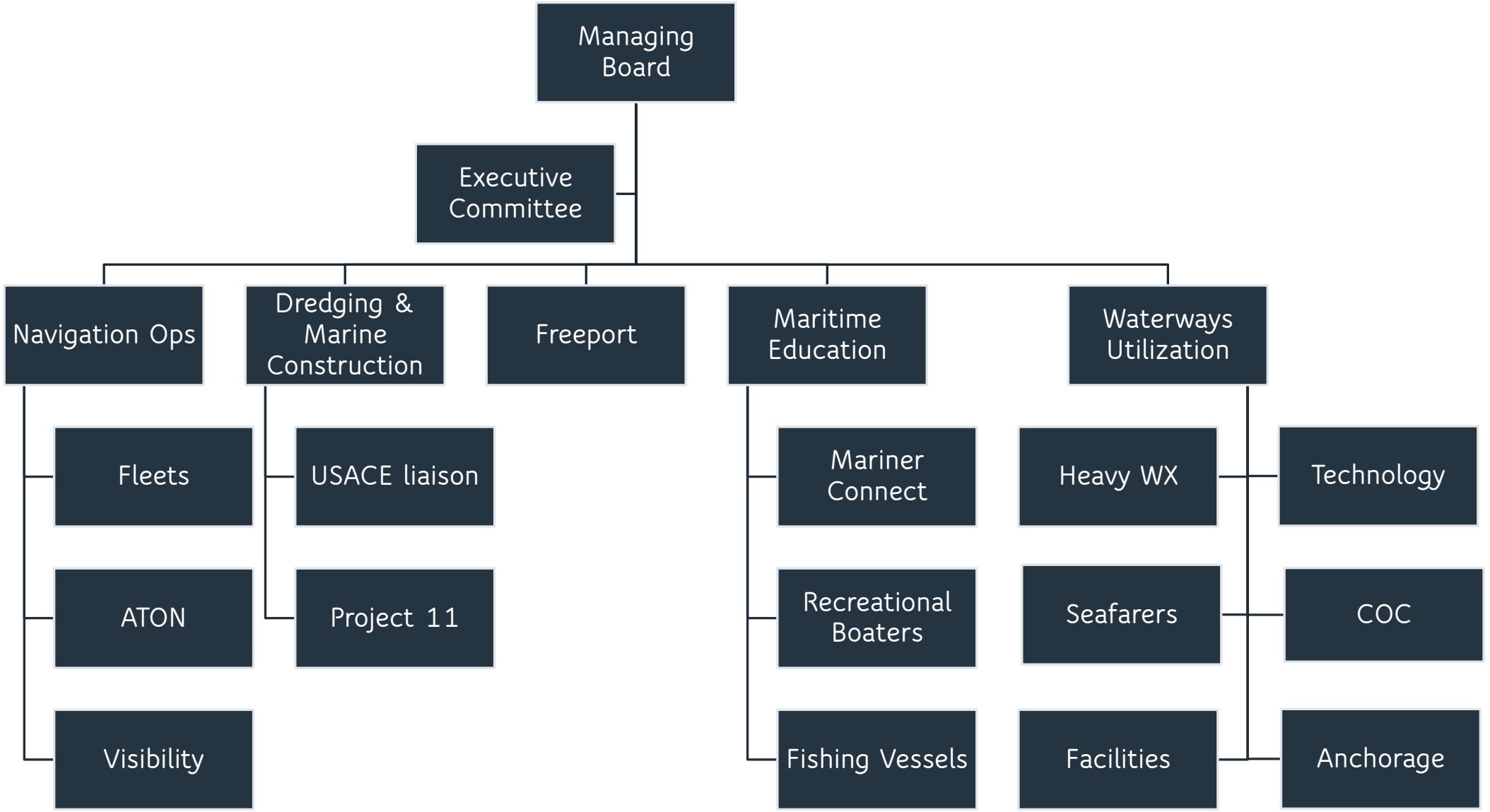
Managing Board Meeting

February 7, 2025


Managing Board
Executive Committee
Navigation Ops
Dredging & Marine Construction
Freeport
Maritime Education
Waterways Utilization
Fleets
ATON
Visibility
USACE liaison
Project 11
Mariner Connect
Recreational Boaters
Fishing Vessels
Heavy WX
Seafarers
Facilities
Technology
COC
Anchorage

Opening Remarks
Greg DeLong

Safety Briefing
JJ Plunkett

Invocation
David Foret

Welcoming Remarks

Captain Keith Donohue

Commander

USCG Sector Houston-Galveston

Confirmation of Quorum
Ms. Laysa Flores

Review and Approval Minutes from 10/31/2024 meeting

Remarks by
Customs & Border Protection

NVIC 01-25

Guidance for Harbor Safety Committees

“State of the Waterway”

Albert Hernandez
Director, Coast Guard Vessel Traffic Services

State of the Waterway

February 2025

Vessel Traffic Service

U.S. Department of Homeland Security

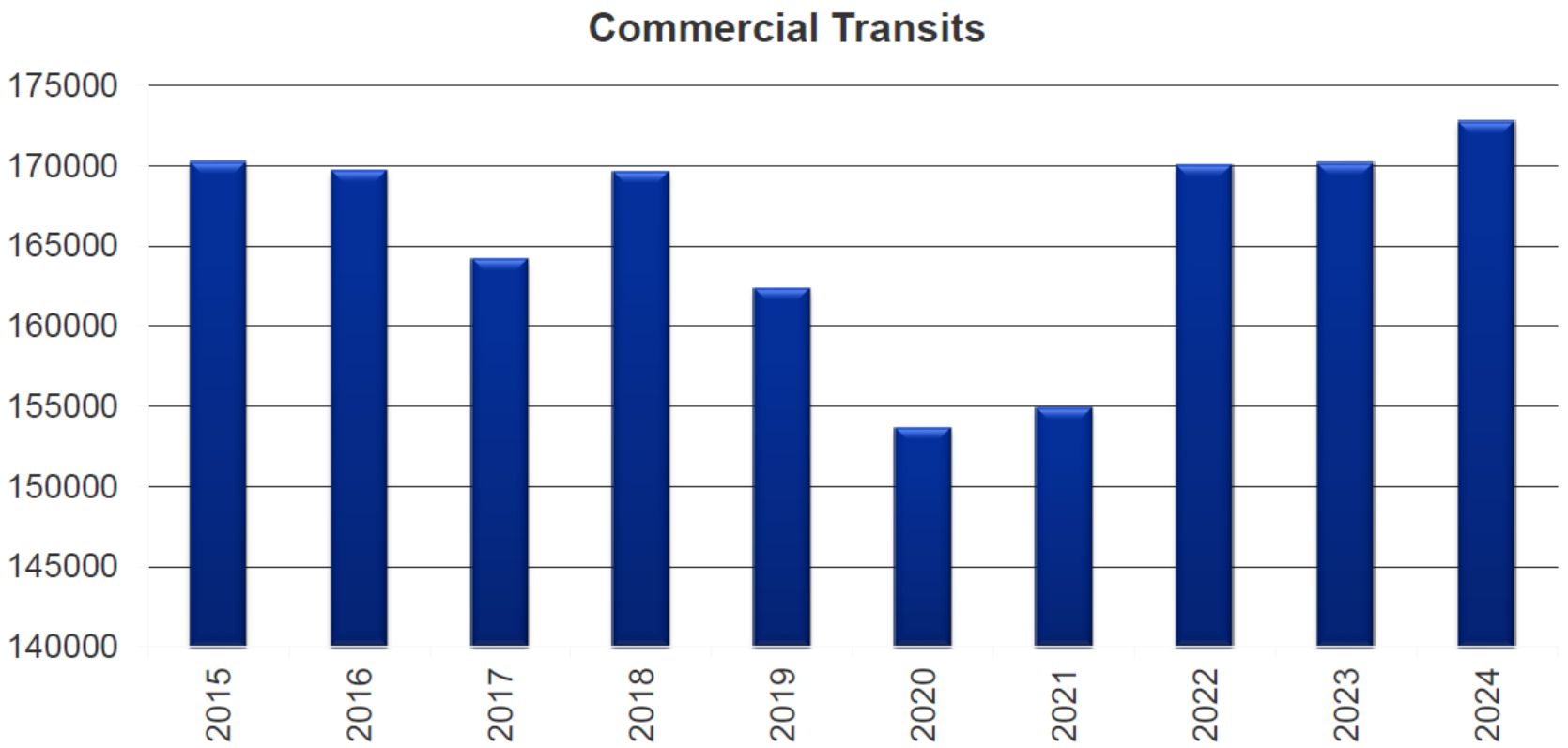
United States Coast Guard

VTS Transits - 2024

Tug/Tow	139,005	+0.5%
Ships	23,567	+2.9%
Miscellaneous	10,199	+13%
SubTotal	172,771	+1.5%
Ferries	62,554	+6.3%
Total	**235,325**	+2.8%

2015 – 2024 Commercial Transits

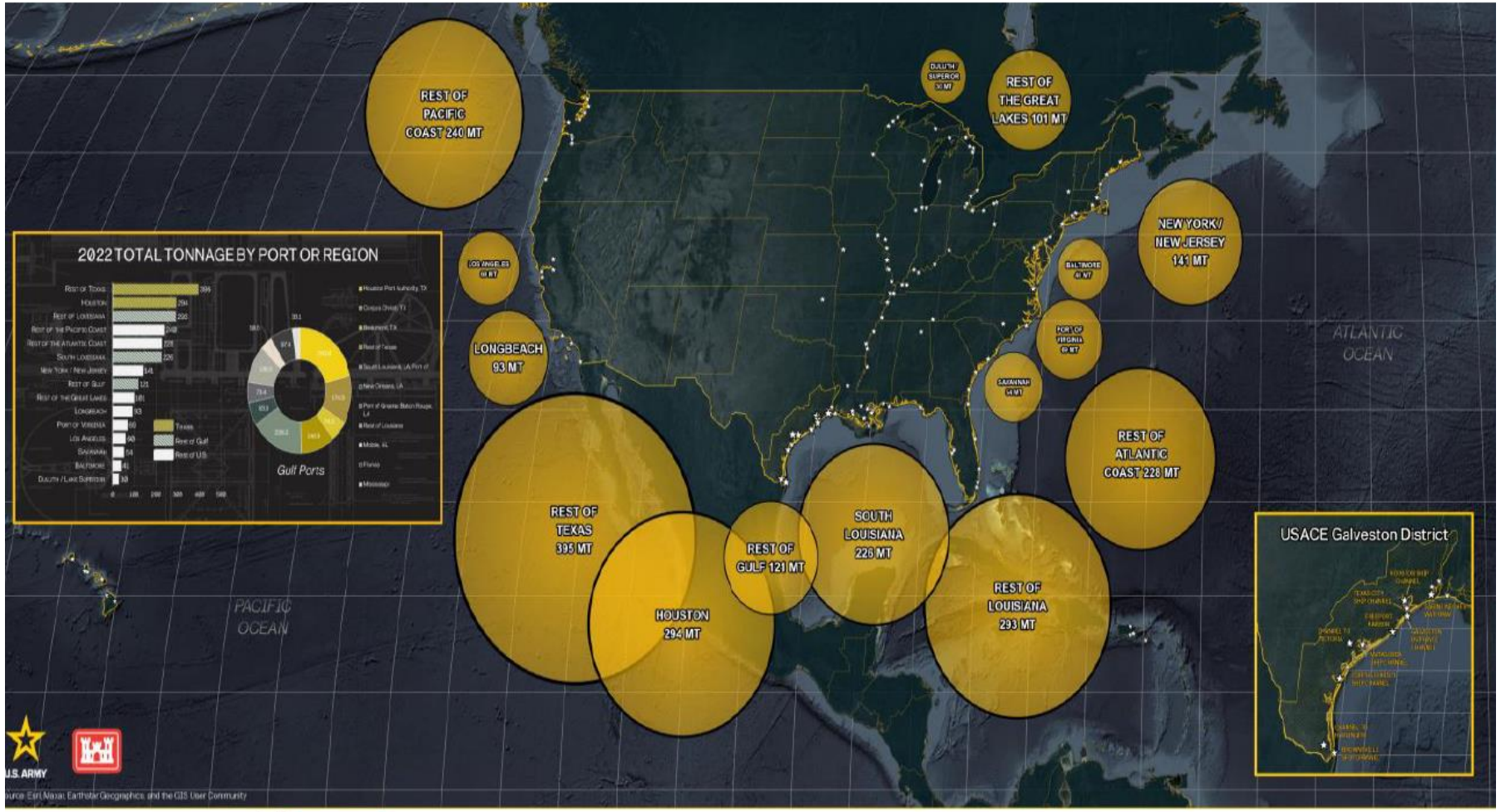
w/o ferries



U.S. Department of Homeland Security

United States Coast Guard

USACE



U.S. Department of Homeland Security

United States Coast Guard

Houston Vessel Traffic Service Area
Hou, Gal, TC, GICW

$1Trillion Economic Impact

$2.7 Billion/Day
3.37 Million Jobs

12.3% of U.S. Tonnage

150+ Port Facilities

N.A. Largest Petrochem Cluster

1st in Overall Tonnage

1st in Foreign tonnage

1st in Plastic Export

3 of 10 U.S. Largest Refineries

4th U.S. Cruise Ship Port

5th U.S. Container Port

Typical Day in the VTSA - 2024

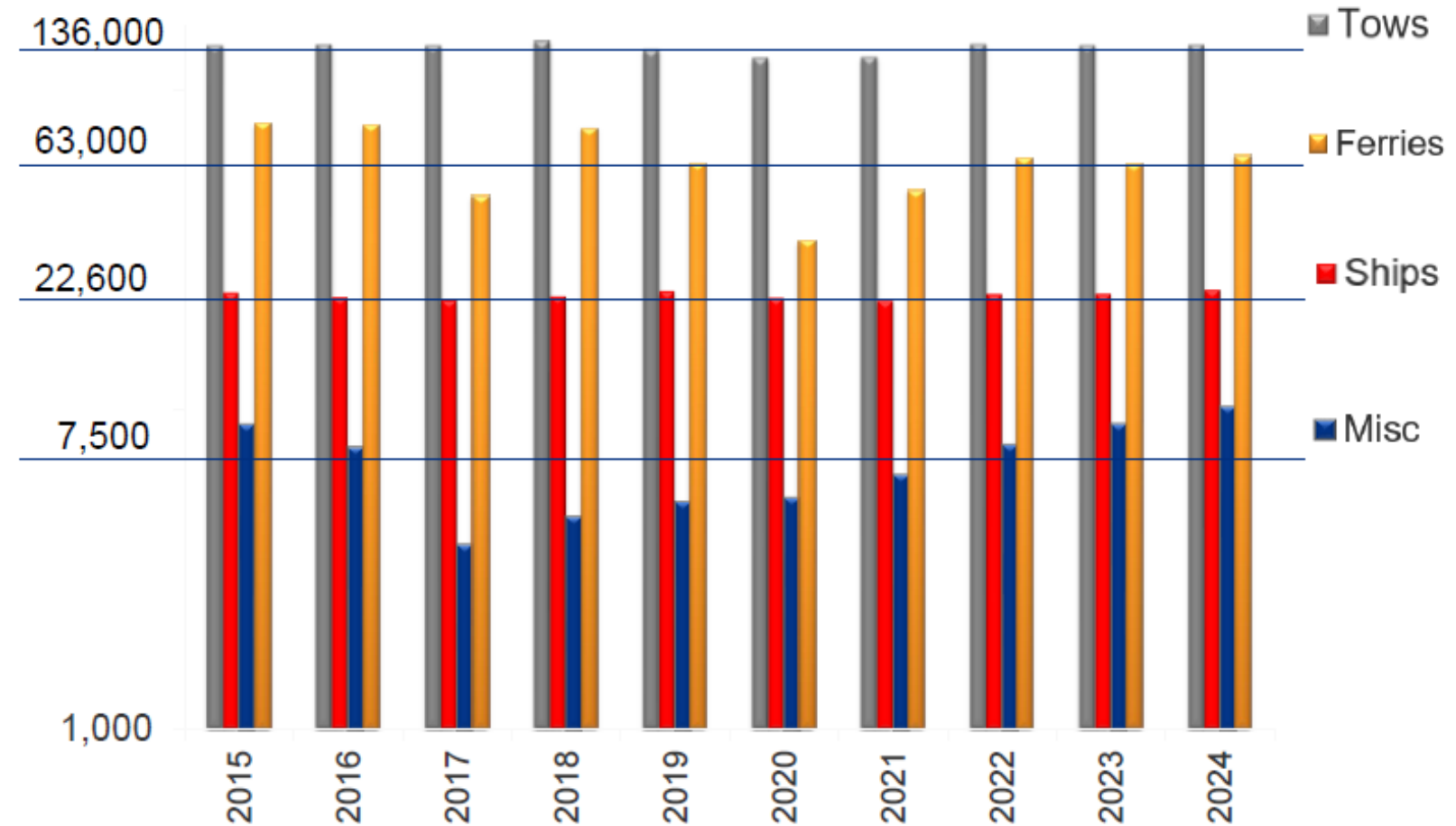
46	Tanker Transits
17	Freighter Transits
2	Cruise Ship Transits
381	Tow Transits
171	Ferry Transits
28	Aux/ OSV/ Miscellaneous
70	Ships in Port

4 min – tow vessel
10 min – ferry/misc
20 min – deep draft

U.S. Department of Homeland Security

United States Coast Guard

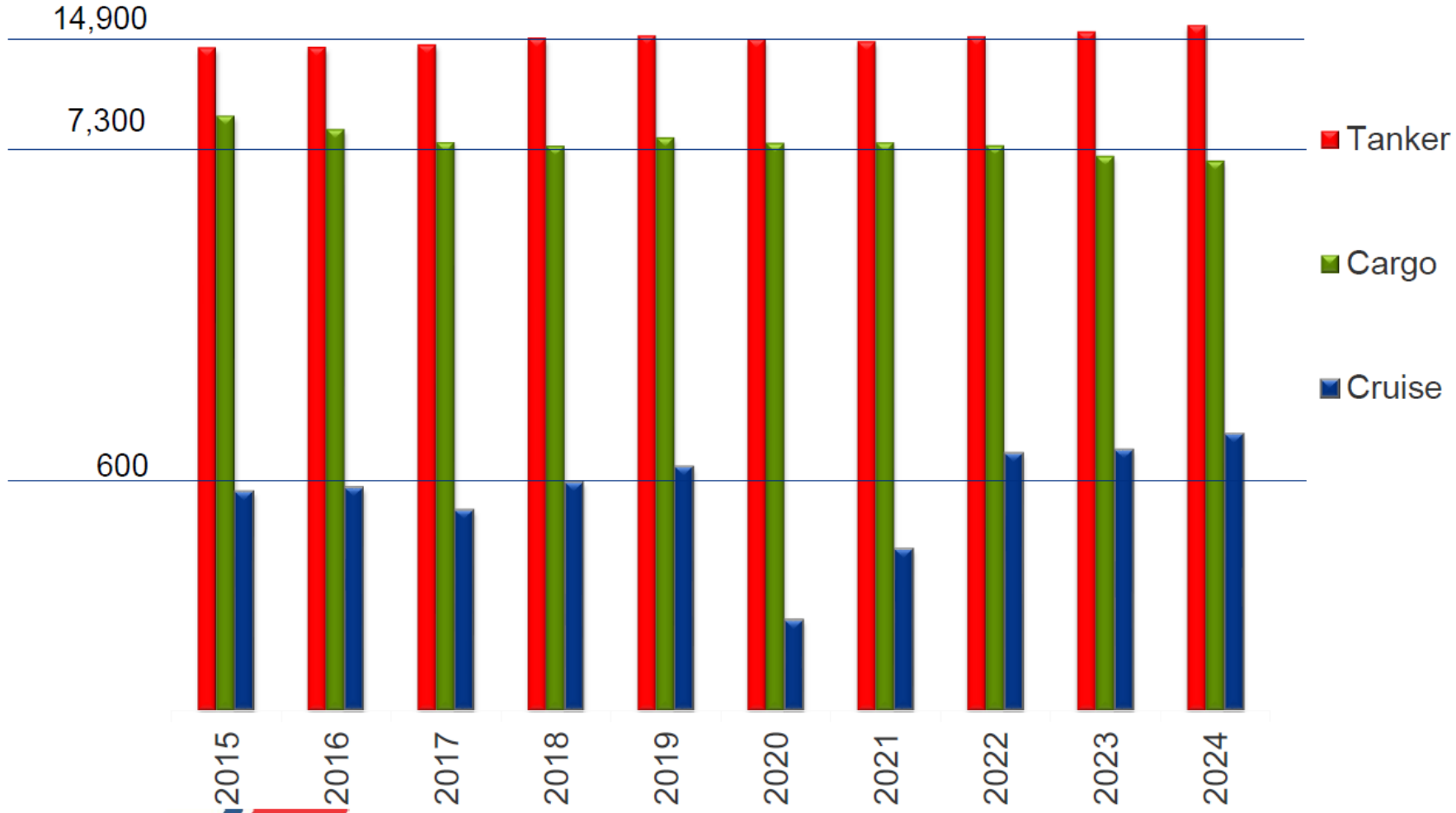
Annual Comparison: 2015 – 2024



U.S. Department of Homeland Security

United States Coast Guard

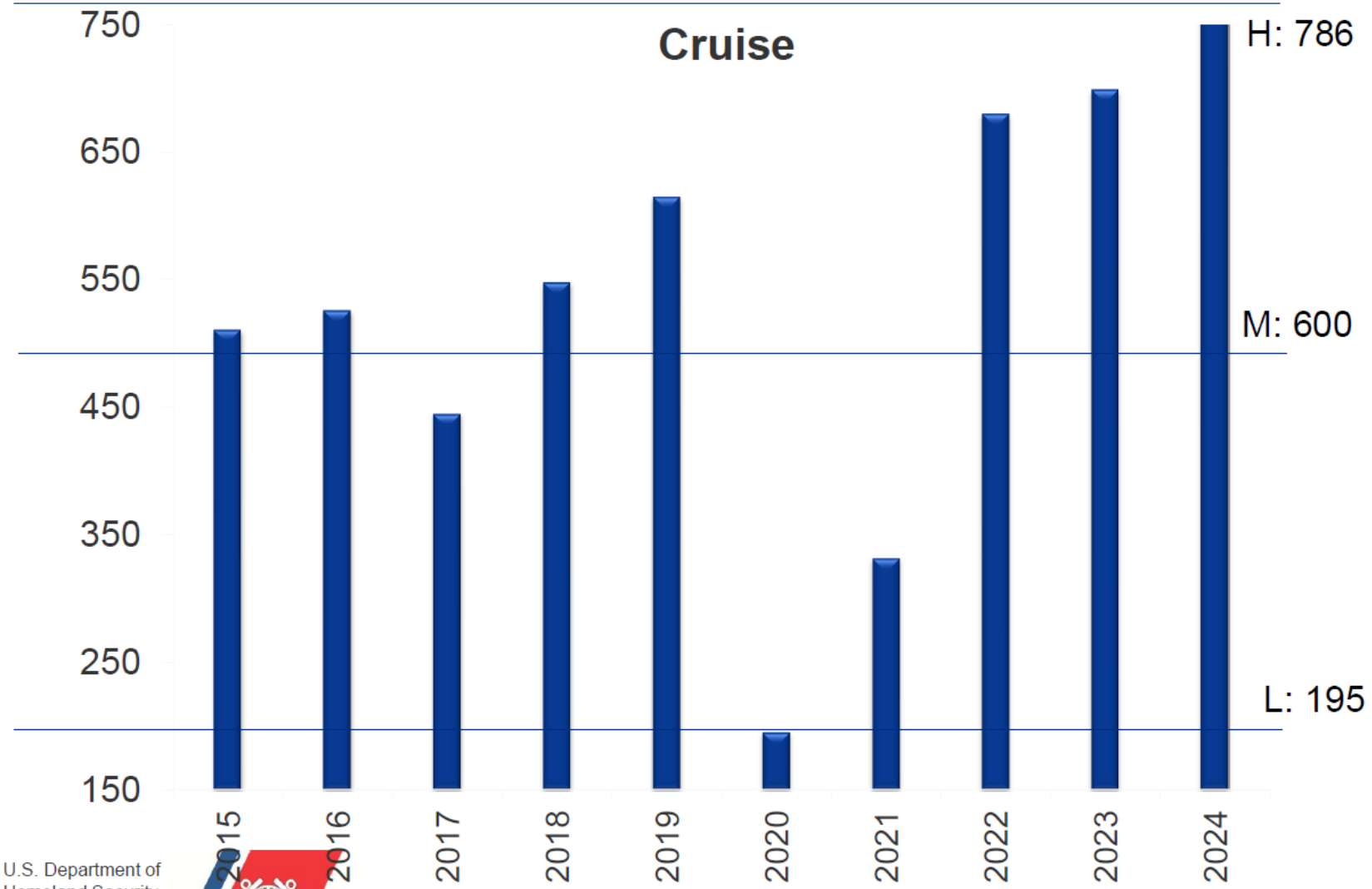
Annual Comparison: 2015 – 2024



U.S. Department of Homeland Security

United States Coast Guard

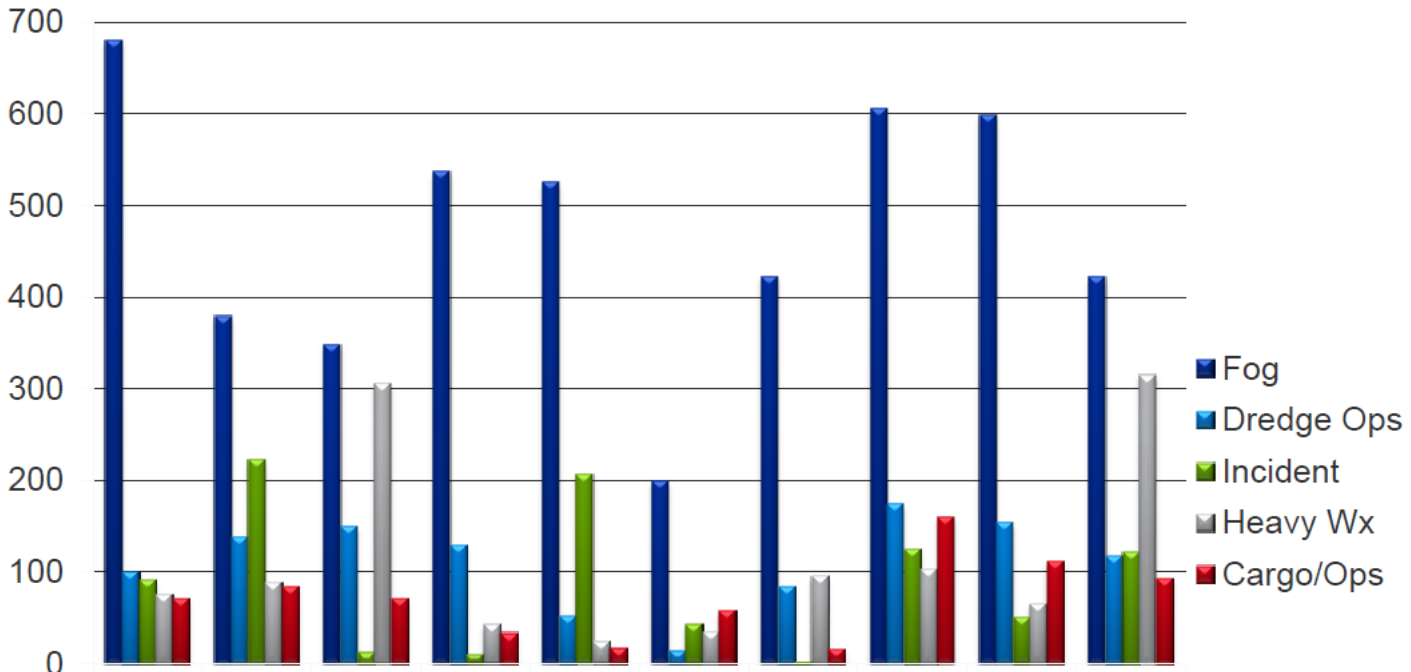
Annual Comparison: 2015 – 2024



U.S. Department of Homeland Security

United States Coast Guard

Channel Closure/Lost Hours



	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Fog	680.2	379	347.38	537	525	199.25	422.5	605.7	598.7	421.8
Dredge Ops	99.2	137.26	148.75	128.6	52.5	14.5	83.5	174.2	153.2	117.3
Incident	91.5	221.75	13	10	206.5	42.75	2	124.7	50	121.6
Heavy Wx	75.5	88.6	305.75	42.2	23.5	34.5	95	102.8	65.3	315
Cargo/Ops	70.5	84.25	71	33.4	16.5	57.7	16	160.2	111.8	93.4

U.S. Department of Homeland Security

United States Coast Guard

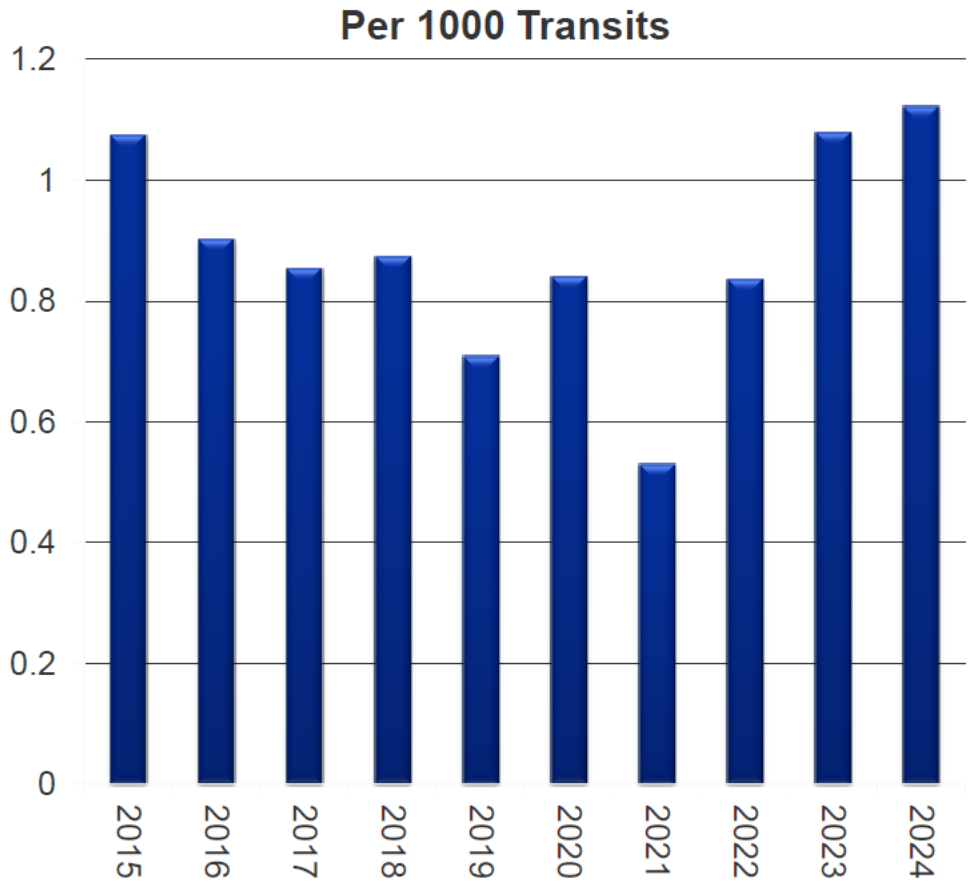
Challenges

- Jan-Mar: Fog Season
- Jan: Hi-Wtr, 3dy
  - Winter Storm, 2dy
  - MV STRIDE – fire
- Mar: Hvy WX – 2dy
- May: Hi Water, 7dy
  - SYDNI C
  - Derecho, sig damage, 25hrs
- Jun: Hvy WX – 2.5dy
- Jul: BERYL – Hi-Wtr,
  - VTS 2wks
  - MISS PEGGY
- Sep: FRANCINE, 2dy
- Nov: KATHY PAWG
- Dec: Fog Season
- Dredging

Notifications 2015-2024

264 Total Vessel Notifications

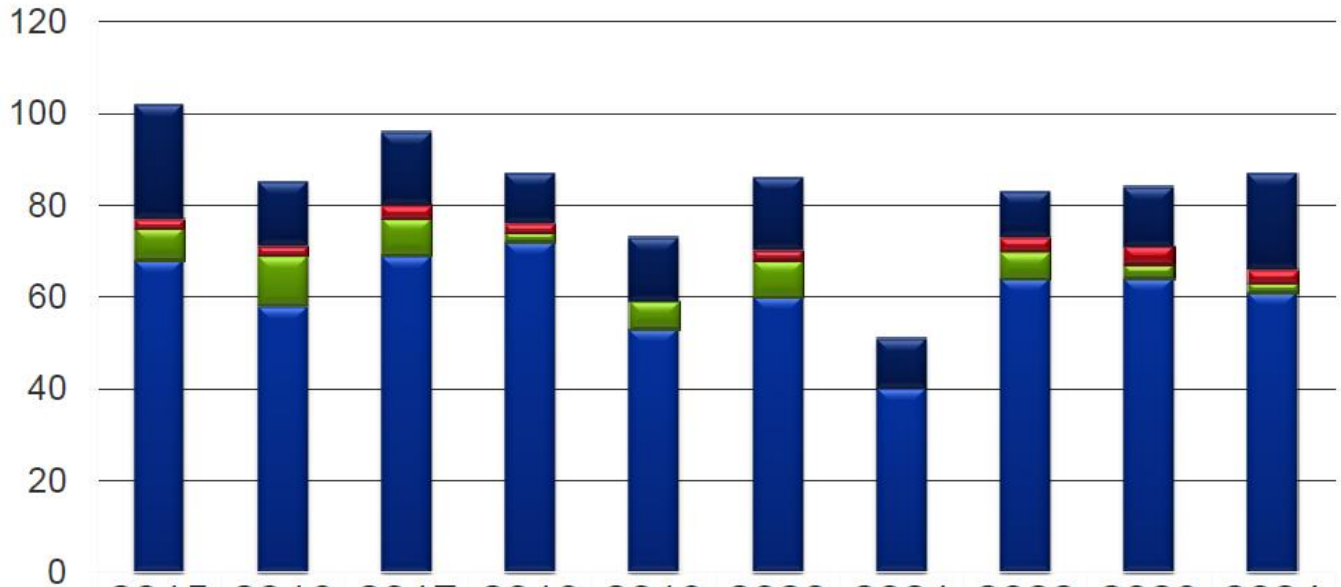
- 154 Tow
- 107 Ships
- 3 Miscellaneous- (OSV, industrial)
  - Propulsion, steering, radar/AIS, collision, allision, broken tow, pollution
- Increased awareness and programs
  - SIRE 2.0
  - SubCh M
- Propulsion Limiter
- Ship fire, 2 tow fires, 3 tow sinkings, 8 collisions
- VTS awareness



U.S. Department of Homeland Security

United States Coast Guard

Ship Casualties

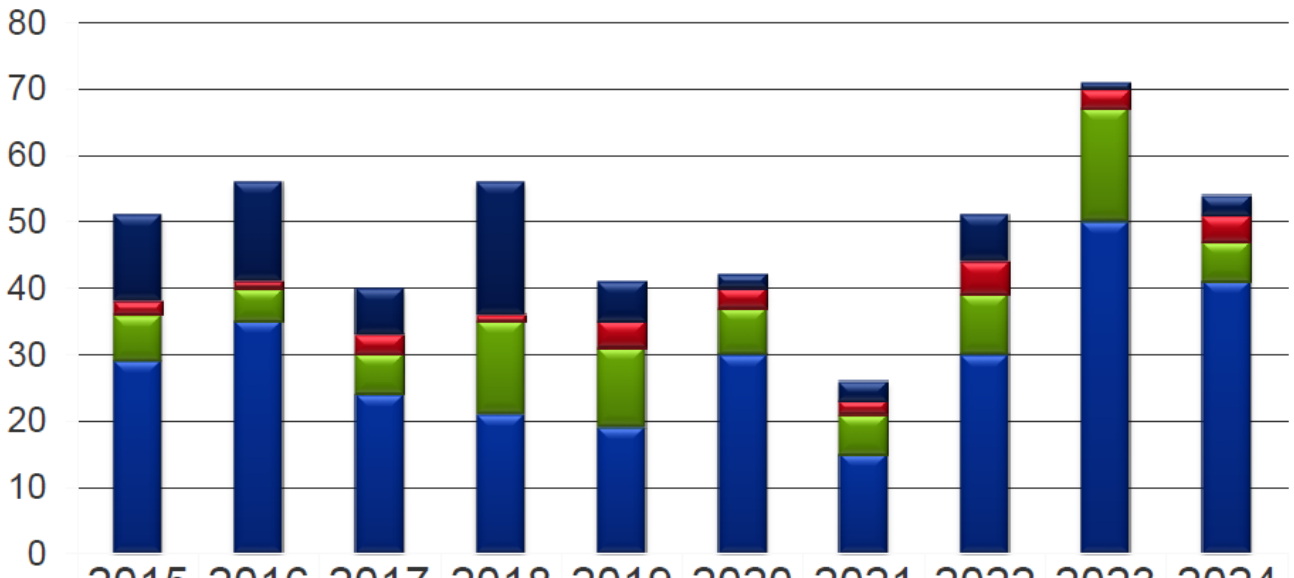


	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Nav/AIS/Electric	25	14	16	11	14	16	11	10	13	21
Generator	2	2	3	2	0	2	0	3	4	3
Steer	7	11	8	2	6	8	0	6	3	2
Propulsion	68	58	69	72	53	60	40	64	64	61

U.S. Department of Homeland Security

United States Coast Guard

Tow Casualties

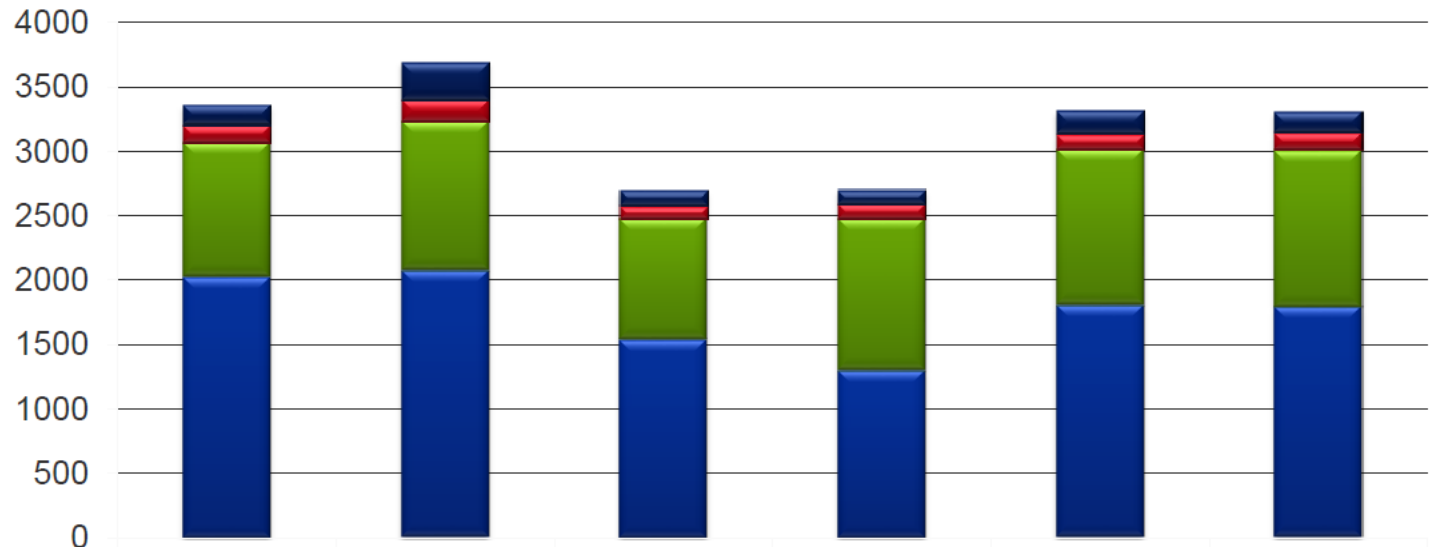


	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Nav/AIS/Electronics	13	15	7	20	6	2	3	7	1	3
Generator	2	1	3	1	4	3	2	5	3	4
Steer	7	5	6	14	12	7	6	9	17	6
Propulsion	29	35	24	21	19	30	15	30	50	41

U.S. Department of Homeland Security

United States Coast Guard

Bolivar Roads
Anchorage Transits



	2019	2020	2021	2022	2023	2024
Misc	153	290	117	106	178	162
Freighter	139	173	98	120	121	134
Tanker	1041	1156	936	1175	1209	1218
Towing	2023	2073	1540	1298	1803	1792
Total	3356	3692	2691	2699	3311	3306

U.S. Department of Homeland Security

United States Coast Guard

*Misc = Tug, OSV, Pax, Military, Dredge, Cruise

Contacts

VTS Houston/Galveston

Director:		
Alberto Hernandez	713.818.4405	Alberto.Hernandez@uscg.mil
OPS Manager:		
Randy Scott	281.464.4827	Michael.R.Scott@uscg.mil
Vessel Traffic Center		
Watch Supervisor (24 hrs)	281.464.4836/37	houstontraffic@uscg.mil

U.S. Department of Homeland Security

United States Coast Guard

ALL

Email Distribution

is via

Subcommittees &

Working Groups

Subcommittee Reports

&

Working Group Comments

Navigation Operations
And Working Groups
East Bay/ATON
Other Business

Waterways Utilization And Working Groups

Heavy Weather, Technology, Facility, Anchorage, CoC, Seafarers, EEXI/EPL,

Dredging & Marine Constr. And Working Groups
U.S.A.C.E. updates
Project 11 updates

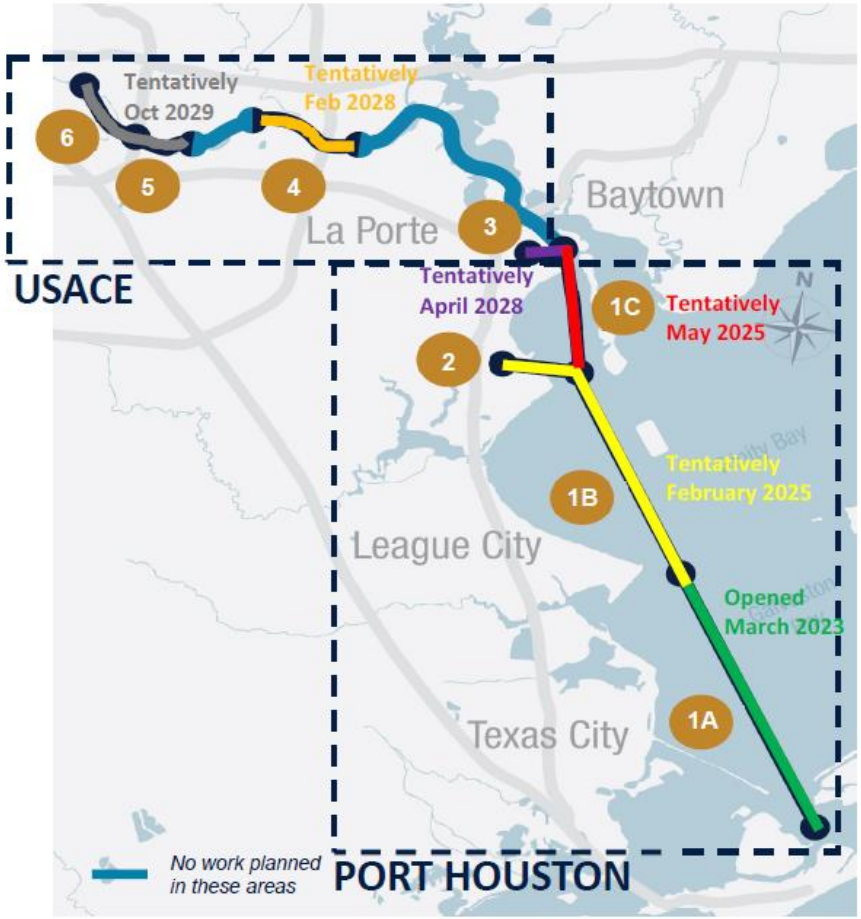
Project 11 Updates

LEIA WILSON/JOSE TAPIA

EXTERNAL FILE !!!!!

Project 11 Update

	Package	Segment	Advertisement	Construction		
Completed	1	1A	Aug 2021	USACE	Jan - Oct 2022	Oyster Reefs
	2	4	Feb 2021	Port	Jun 2021 - Jun 2022	Upland
	Abandoned Pipeline Removal	1A, 1B, 1C	Aug 2021	Port	Jan - Jul 2022	Channel
	3/4A	1A	Jul 2021	Port	Apr 2022 – Mar 2023	Channel
	4B/5	1B,1C, 2	Nov 2021	Port	Dec 2022 - Jan 2025	Channel
Under Contract	6	1C	Oct 2023	Port	Aug 2024 - May 2025	Channel
	7	3	Nov 2023	USACE	Apr 2025 - Apr 2028	Channel
Pending Funding	8	4	Oct 2025	USACE	Jan 2026 - May 2027	Upland
	9	4	May 2026	USACE	Feb 2027 - Feb 2028	Channel
	10, 11	5, 6	Sept 2026	USACE	Mar 2027 - Mar 2028	Upland
	12	5, 6	Apr 2028	USACE	Jan 2029 - Oct 2029	Channel



Design Package 3/4A (Segment 1A): Bolivar Roads to Redfish - COMPLETE

- Widening approx. 11.5 miles of HSC from 530ft to 700ft
- Hydraulically dredging 1.7 MCY of material to construct Long Bird Island
- Mechanically dredging of 1.9 MCY of material for placement to ODMDS
- Shoreline protection consists of 30,000 tons of material for rip-rap
- Oyster reef mitigation
- Contractor – *Great Lakes Dredge & Dock Company, LLC*

Design Package 4B/5 (Segment 1B, 2 and part of 1C): Redfish to Bayport & Bayport Ship Channel – Dredging COMPLETE

- Widening approx. 8.3 miles of HSC from 530ft to 700ft
- Widening BSC from 350/400ft to 455ft
- Hydraulically dredging 7 MCY to construct Three Bird Island Marsh – **ETC Q3 2025**
- Mechanically dredging 3.7 MCY to construct base of 259 acres of Oyster Mitigation - **COMPLETE**
- Contractor – *Weeks Marine (Hydraulic – 1B, 2 and part of 1C) and Curtin Maritime (Mechanical – 1B)*

Design Package 6 (Segment 3): Bayport to Morgans Point procurement October 2023 with construction started in August 2024 and expected dredging completion Q2 2025.

- Widening approx. 5 miles of HSC from 530ft to 700ft
- Hydraulically dredging 4 MCY of material to construct Marsh Cell 11 and repair existing dikes **Q3 2025**
- Contractor – *Callan Marine*

Design Package 7 (Segment 1C): Barbours Cut Ship Channel awarded July 2024 and tentative start April 2025.

- Widening channel to approximately 455ft
- Modify channel entrance
- Perform advance maintenance for flare
- Hydraulically dredging XX MCY of material to construct Marsh Cell 12
- Contractor - *McCarthy*

Design Package 8 & 9 (Segment 4): Boggy Bayou (BW8) to Sims Bayou – pending appropriations.

- Widen channel to approximately 530ft through Greens Bayou confluence.
- Deepen from existing 41ft to 46.5ft from Boggy Bayou to Hunting Bayou (last Turning Basin before reaching Washburn Tunnel)
- Contractor – *TBD*

Design Package 10 &12 (Segment 5): Sims Bayou to IH 610 – pending appropriations.

- Deepen channel from existing 37ft to 41.5ft
- Contractor - *TBD*

Design Package 11 & 12 (Segment 6): IH 610 to Turning Basin – pending appropriations.

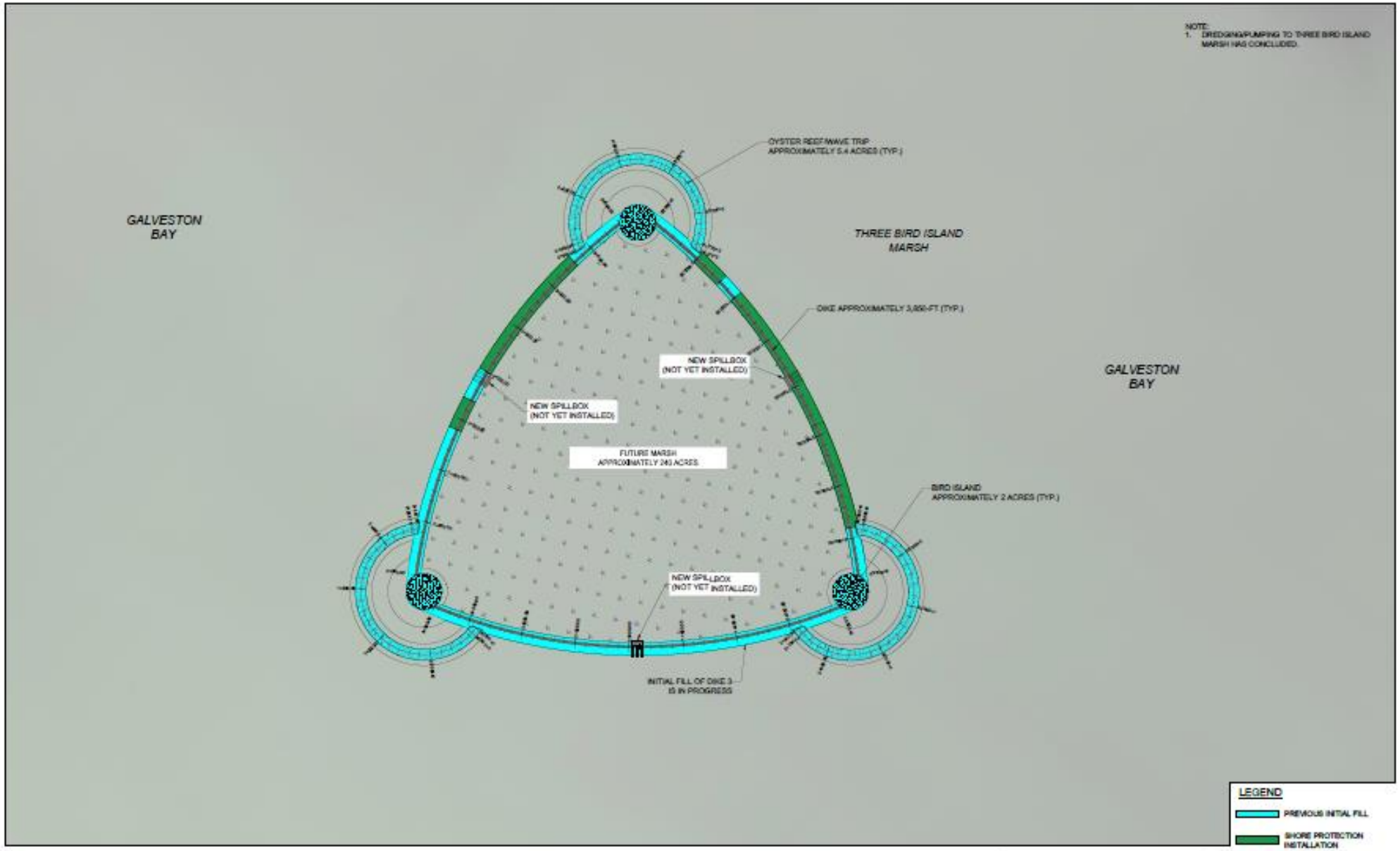
- Deepen channel from 37ft to potential 39ft
- Increase Brady Island Turning Basin
- Contractor - *TBD*

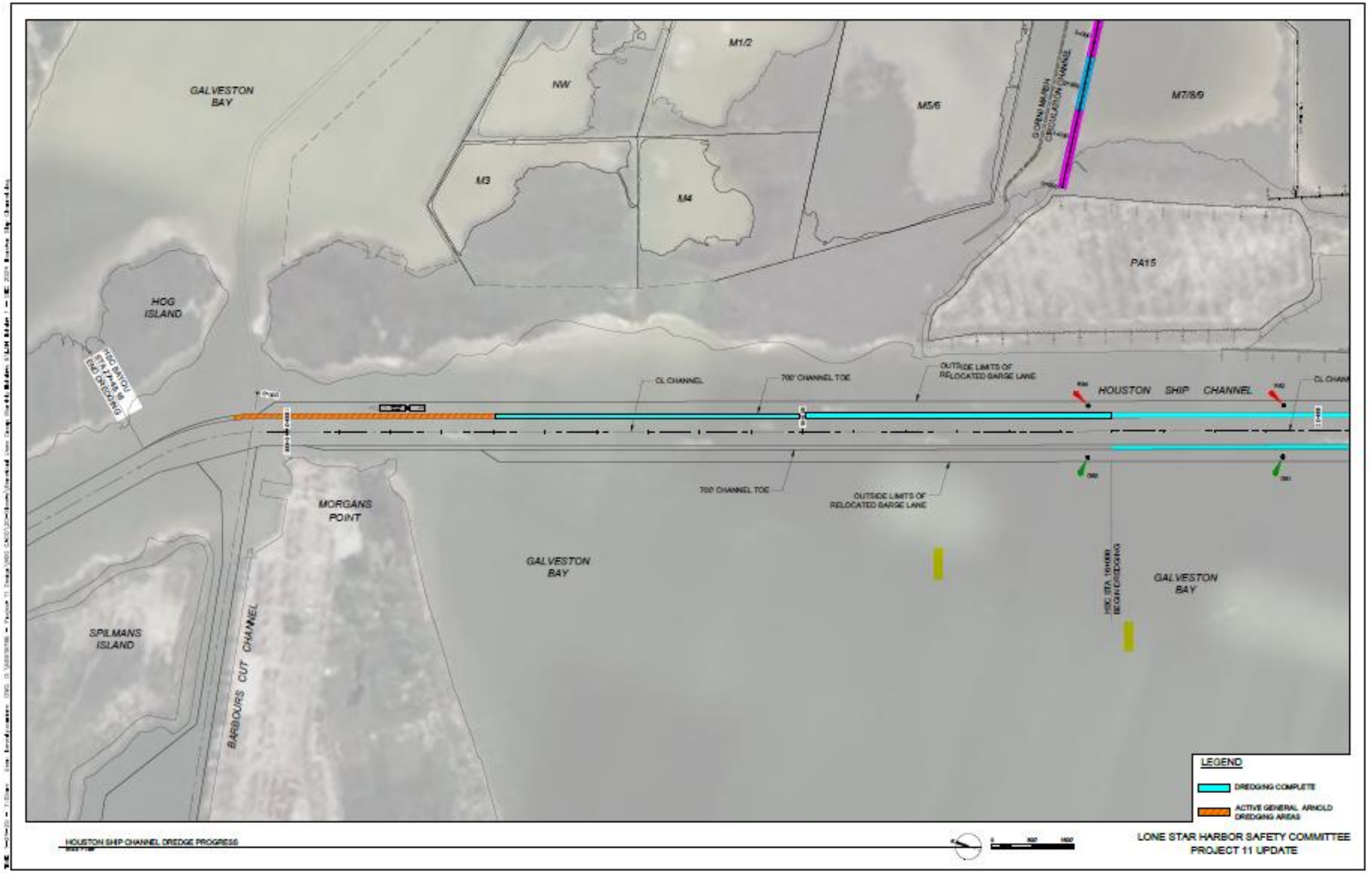
For more information: https://www.expandthehoustonshipchannel.com

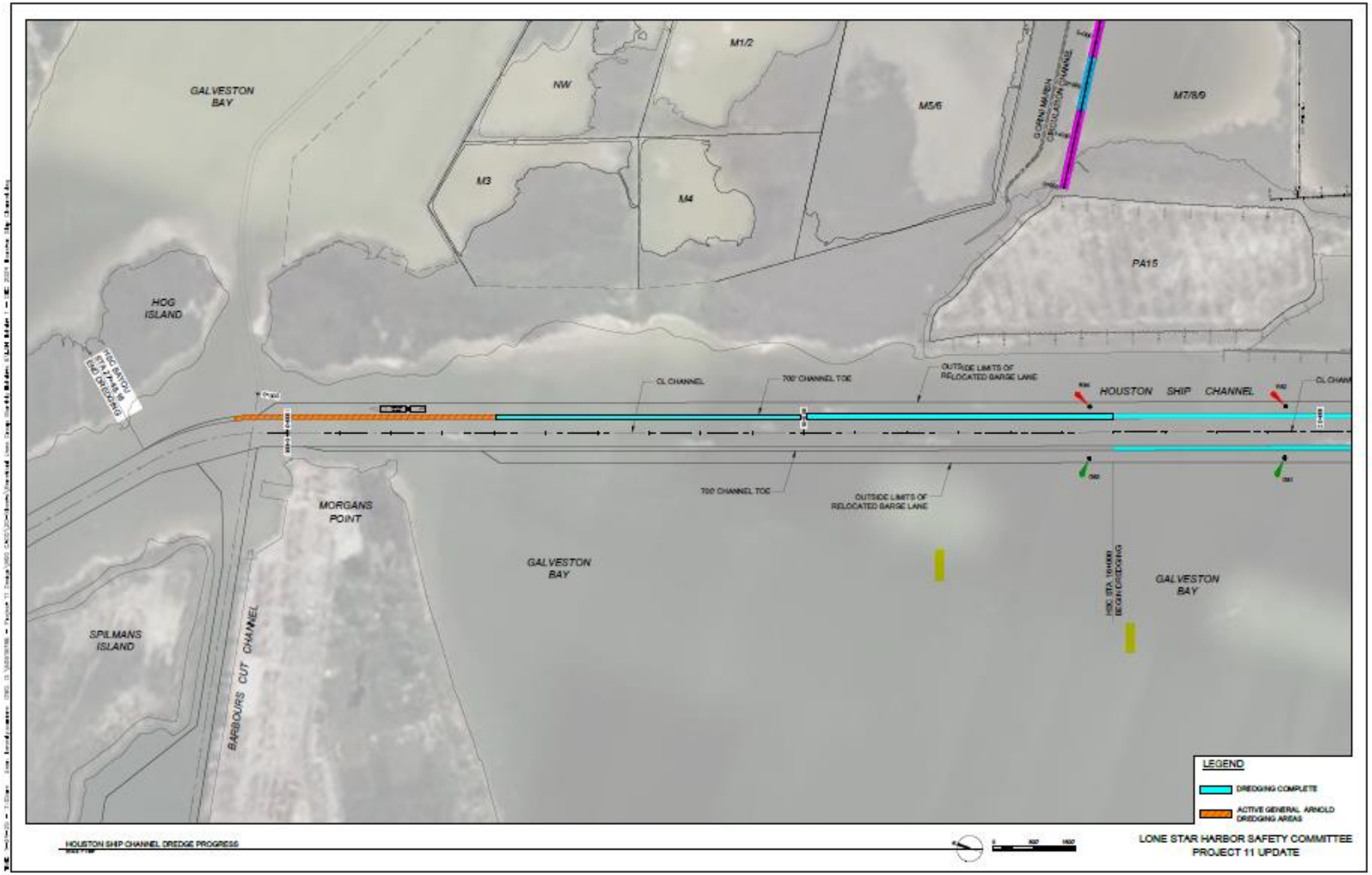
M5/6
M7/8/9
NEW M11
M10
PA15
PA14
GALVESTON BAY
FAIRMILE CUT
OUTSIDE LIMITS OF RELOCATED BARGE LANE
HOUSTON SHIP CHANNEL
CL CHANNEL
700' CHANNEL TOE
700' CHANNEL TOE
OUTSIDE LIMITS OF RELOCATED BARGE LANE
HSC STA 194+00 - END HSC WIDENING & BARGE LANE RELOCATION
GALVESTON BAY
GALVESTON BAY
BAYPORT SHIP CHANNEL
LEGEND
DREDGING COMPLETE
HOUSTON SHIP CHANNEL DREDGE PROGRESS
LONE STAR HARBOR SAFETY COMMITTEE
PROJECT 11 UPDATE

NOTE:
1. NW DREDGING FOR ODMDS DISPOSAL INCLUDES STRIPPING THE RED SIDE OF THE CHANNEL FROM HSC STATION 57+000 TO STATION 47+000 TO -40' MLLW, AND STRIPPING THE GREEN SIDE FROM HSC STATION 57+000 TO STATION 46+000 TO -35' MLLW.
GALVESTON BAY
MID BAY
NORTH BOATERS CUT
SOUTH BOATERS CUT
HOUSTON SHIP CHANNEL
CL CHANNEL
OUTSIDE LIMITS OF RELOCATED BARGE LANE
700' CHANNEL TOE
OUTSIDE LIMITS OF RELOCATED BARGE LANE
700' CHANNEL TOE
GALVESTON BAY
LEGEND
DREDGING COMPLETE
HOUSTON SHIP CHANNEL DREDGE PROGRESS
LONE STAR HARBOR SAFETY COMMITTEE
PROJECT 11 UPDATE

GALVESTON BAY
SHOREACRES
BSC STA 42+07.89
END BSC DREDGING
CL CHANNEL
BAYPORT SHIP CHANNEL
HOUSTON SHIP CHANNEL
PA14
BSC STA 25+66.26 =
BSC STA 247+67.31
CL CHANNEL
RED BLUFF
GALVESTON BAY
LEGEND
DREDGING COMPLETE
BAYPORT SHIP CHANNEL DREDGE PROGRESS
LONE STAR HARBOR SAFETY COMMITTEE
PROJECT 11 UPDATE


NOTE:
1. DREDGING/PUMPING TO THREE BIRD ISLAND MARSH HAS CONCLUDED.
GALVESTON BAY
THREE BIRD ISLAND MARSH
GALVESTON BAY
OYSTER REEF/WAVE TRIP APPROXIMATELY 5.4 ACRES (TYP.)
DIKE APPROXIMATELY 3,000-FT (TYP.)
NEW SPILLBOX (NOT YET INSTALLED)
NEW SPILLBOX (NOT YET INSTALLED)
FUTURE MARSH APPROXIMATELY 240 ACRES
BIRD ISLAND APPROXIMATELY 2 ACRES (TYP.)
NEW SPILLBOX (NOT YET INSTALLED)
INITIAL FILL OF DIKE 3 IS IN PROGRESS
LEGEND
PREVIOUS INITIAL FILL
SHORE PROTECTION INSTALLATION
NEW THREE BIRD ISLAND MARSH CONSTRUCTION PROGRESS
LONE STAR HARBOR SAFETY COMMITTEE
PROJECT 11 UPDATE


GALVESTON BAY
NW
M1/2
M3
M4
M5/6
M7/8/9
PA15
HOG ISLAND
HSC BAYOU STA 1+000 TO END DREDGING
CL CHANNEL
700' CHANNEL TOE
OUTSIDE LIMITS OF RELOCATED BARGE LANE
HOUSTON SHIP CHANNEL
700 CHANNEL TOE
OUTSIDE LIMITS OF RELOCATED BARGE LANE
MORGANS POINT
GALVESTON BAY
SPILMANS ISLAND
BARBOURS CUT CHANNEL
HSC STA 1+000 BEGIN DREDGING
GALVESTON BAY
LEGEND
DREDGING COMPLETE
ACTIVE GENERAL ARNOLD DREDGING AREAS
HOUSTON SHIP CHANNEL DREDGE PROGRESS
LONE STAR HARBOR SAFETY COMMITTEE
PROJECT 11 UPDATE


GALVESTON BAY
NW
M1/2
M5/6
M7/8/9
M3
M4
PA15
HOG ISLAND
HSC BAYOU STA 7+48.18 END DREDGING
CL CHANNEL
700' CHANNEL TOE
OUTSIDE LIMITS OF RELOCATED BARGE LANE
HOUSTON SHIP CHANNEL
MORGANS POINT
GALVESTON BAY
SPILMANS ISLAND
BARBOURS CUT CHANNEL
HSC STA 1+04.69 BEGIN DREDGING
LEGEND
DREDGING COMPLETE
ACTIVE GENERAL ARNOLD DREDGING AREAS
HOUSTON SHIP CHANNEL DREDGE PROGRESS
LONE STAR HARBOR SAFETY COMMITTEE
PROJECT 11 UPDATE

USACE Updates

ANDREW COOK

EXTERNAL FILE !!!!!

U.S. Army Corps of Engineers O&M Project
Update 7 February 2025
(DATES AND PROJECTS SUBJECT TO CHANGE)

Ongoing contracts/mods:

1) HSC Alexander Island Dewatering: (E&L Construction Group): Contract awarded to E&L Construction Group on May 13, 2024. NTP issued in July 2024. Construction completion on December 3, 2024. Working on closing out the contract. Required contract completion in December 2024. Estimated Contract Completion February 2025.

2) HSC Peggy Lake PA Improvements: (Mohawk Valley Materials): Contract awarded to Mohawk Valley Materials on September 28, 2023. NTP issued in October 2023 and work has commenced. KTR behind schedule, having issues dewatering. Negotiations with the KTR were scheduled on 1/14/25 to discuss the MOD. The KTR has was not previously available. Required contract completion in October 2024. Estimated construction completion in May 2025.

3) HSC PA Shoreline Protection: (Taylor Marine): Contract awarded to Taylor Marine on September 13, 2024. NTP issued and acknowledged on 9 October 2021. MOD executed on January 7, 2025 and KTR started mobilizing on the same day. There is a slight change in sequence where the KTR will now start at PA14, then move to Midbay and then PA 15, due to Geotextile procurement delays. Estimated Contract Completion in September 2025.

4) GHC Pelican Island PA Improvements: (Genesis 360): Contract awarded to Genesis 360 on April 19, 2024. NTP Issued on May 3, 2024, and work has commenced. We received the proposal from the KTR to address foundation issues which exceeded the IGE. Working on negotiating with the KTR to lower their cost and continue construction to meet deadline. Required Contract Completion is June 2025.

5) HSC Bayport To Morgans and Bayport Ship Channel Hopper Dredging: Contract Awarded to Weeks Marine on 21 August 2024. NTP issued on 22 September 2024. However, the KTR is estimating to start in late-February / early-March 2025. The KTR indicated that they will be deploying 2 Hopper Dredges simultaneously to complete work. Work will start in the Bayport Flare, and then order of work may change based on shoaling and dredge spacing in the HSC within the contract limits. Contract Limits include HSC Main Stem between Bayport to Morgans (Sta. 30+089-0+000), Bayport Flare, and Bayport Ship Channel to include the Bayport Turning Basin.

- Option to Re-dredge the Bayport Flare is included in the contract as well.

- Option to Re-dredge the Bayport Flare is included in the contract as well.

6) GHC Galveston Harbor Hopper Dredging: Completed. GLDD performed Hopper dredging activities in the Galveston Harbor. Started dredging in Galveston Harbor on 5 June 2024 and continued dredging for several months, until mid/late January 2025. Intent was to dredge as much of the Harbor to authorized depth (46') as possible following the priority list shown below.

- Priority #1 Sta. 0+000-9+000 – Dredge GREEN SIDE/RED SIDE channel to Target depth of 46'MLLW, working centerline to toe on both sides as much as possible (and efficient) to allow widening of the channel for the pilots to navigate.
- Priority #2: 9+000-16+000– Dredge GREEN and RED SIDE of channel to target RD of 46' MLLW starting at 9+000 and working towards 16+000 (can be broken into workable sections per GLDD discretion for efficiency).

- Priority #3: Sta. 16+000-22+571 – Dredge GREEN and RED SIDE of channel to target RD of 46’MLLW and 47’MLLW starting at 16+000 and working towards 22+571 (16+000-20+000 to 50’MLLW, 20+000-22+571 to 47’MLLW-- can be broken into workable sections per GLDD discretion for efficiency)

7) GIWW West Galveston Bay Barrier Island Reconstruction: Awarded to Callen Marine in September 2023. Contract commenced in 1st quarter FY24. Work includes mining a Placement area to reconstruct a barrier island on the GIWW. Construction still ongoing. KTR completed the rock and reef-ball perimeter. Still on Schedule to complete contract by April 12th, 2025.

8) GIWW Freeport to Upper Matagorda Bay: Awarded to Inland Dredging Co. In July 2024 with work commencing shortly after. Currently in process of awarding Option 3 (Channel to Palacios). Construction completion is scheduled in April 5th, 2025. Additional days will be added upon the execution of Option 3.

9) GIWW High Island to Causeway: Awarded to Callan Marine in September 2024. NTP was issued in October 2024 and work to commence in the 1st QTR of FY25. Construction still in progress with a required completion date of May 15th, 2025.

- Option 1 has not been awarded (Dredge of the GIWW Alternate route)
- Option 2 (Channel to Port Bolivar) has been awarded

10) Freeport Harbor Improvements, Reach 1,2,4: Awarded on 30 May 2023 to Great Lakes Dredge & Docks (GLDD). NTP issued in June 2023 and work commenced July 2023. This is a NEW WORK contract for the deepening/widening of Freeport Harbor. Estimated Contract completion is January 2026.

11) Matagorda Ship Channel (MSC), Matagorda Pen. To Point Comfort: Awarded August 2023 to Mike Hooks LLC. Currently working northern portion of channel, placement at Open Water and Semi-Confined Placement Areas. Estimated contract completion May 2025.

FY25 Planned Federal projects (all dates and projects subject to change):

- FY25 Galveston Entrance Channel & HSC Bolivar to Redfish: Estimated Award-March 2025
- FY25 HSC Morgans to Boggy Bayou Dredging: Estimated Award-June 2025
- FY25 HSC Bayport Flare Dredging: Estimated Award-September 2025
- FY25 GHC Galveston Harbor Dredging: Estimated Award-September 2025
- FY25 TCSC Main Channel & Turning Basin Dredging: Estimated Award-May 2025
- FY25 TCSC PA Improvements: Estimated Award-September 2025
- FY25 HSC PA 14 Dike Raise: Estimated Award-July 2025
- FY25 HSC House Tract Dewatering: Estimated Award-September 2025
- FY25 GHC San Jacinto PA Improvements: Estimated Award-November 2025
- FY25 GIWW Freeport to Matagorda Dredging: Estimated Award-September 2025
- FY25 GIWW Rollover to Causeway w/CTPB & Chocolate Bayou: Estimated Award-August 2025
- FY25 Mouth of Colorado River Dredging w/ Sargent Beach BU: Estimated Award-July 2025
- FY25 Matagorda Ship Channel Pipeline Dredging SATOC: Estimated Award-September 2025
- FY25 Freeport Harbor Hopper/Pipeline Dredging SATOC: Estimated Award-September 2025
- FY25 Hopper Dredging MATOC: Estimated Award-July 2025
- FY25 Pipeline Dredging MATOC: Estimated Award-July 2025

Marine Education & Training

Working Groups

Recreational Boaters

Fishing Vessels

Freeport

Maritime Education,Training & Outreach And Working Groups

Mariner Connect

Recreational Boater

Fishing Vessels

Remarks by USCG Sector Staff

Waterway Management, VTS, Area Maritime Security Committee, Cybersecurity, Area Committee

Roundtable Comments

Future Lone Star Dates for 2025

please add to your calendar :

Next meeting 5/2/2025 @
Coast Guard Sector H-G

- 8/1/2025
- 11/7/2025

Public Comments

3 minute max

Non-Liquid Terminal Operators

Manchester Terminal

Vulcan Materials Company

Holcim

Gulf Stream Marine

Shipping Agents

Norton Lilly International

Biehl

Fillette Green

Moran Shipping Agencies, Inc.

Host

Gac

Line Handlers

Houston Mooring

Pilots

Houston Pilots

Galveston Texas City Pilots 1845

Brazos Pilots Association

Container Ships

MSC

CMA CGM

ZIM

Hapag-Lloyd

MOL

Cosco Shipping

Maersk Line

NuStar

Ryan Marine Incorporated

Halliburton

FuelTrust

Tank Vessel Owner/Operators

Ecorpio Tankers Inc.

Vitol

Cargill

Trade Organizations

Greater Houston Port Bureau

WGMA

Maritime Education

San Jacinto College Maritime

Texas A&M University Galveston Campus

Stevedore/Labor

Schröder Marine Services, Inc.

Empire Stevedoring

Texas Stevedoring Services

C/PA

Ceres

Intergulf Corporation

Ports

Port Houston — The International Port of Texas

The Port of Texas City — Texas City Terminal Railway Company

Galveston Wharves

Port Freeport

Refineries

ExxonMobil

lyondellbasell

Shell

Valero

bp

Phillips 66

Pemex

Passenger Vessels

Carnival

Royal Caribbean International

Disney Cruise Line

Harris County Toll Road Authority

Texas Department of Transportation

Federal Partners

NOAA — National Oceanic and Atmospheric Administration — U.S. Department of Commerce

United States Coast Guard 1790

U.S. Customs and Border Protection — Department of Homeland Security

Maritime Administration 1950 — United States of America

Chemical Terminals

INEOS

Tricon Energy

Eastman

Vopak

BASF

Dow

Chevron Phillips Chemical Company LP

Barge/Tow Boat Operators

Florida Marine

FMT

Kirby

Martin Transport Inc.

B

John W. Stone Oil Distributor, LLC

Barge/Tow Boat Orgs

the ACTion group — Est. 1999

TWIB

The American Waterways Operators

GICA

Bulk Liquid Storage

EP Energy Partners — Powered by Results

Texas International Terminals

Enterprise Products Partners L.P.

Freeport LNG

TARGA

Magellan Midstream Partners, L.P.

Huntsman

LBC Tank Terminals

Cheniere

Jacob Stern & Sons Incorporated

Kinder Morgan Inc.

Recreational Boaters

Commercial Fishing Vessels

Dry Cargo Vessel Operators

C-P Chipolbrok America Inc

Harbor Tug Operators

G and H Towing

G&H Towing

Bay-Houston Towing Co. — Harbor and Coastwise Towing — Houston • Galveston • Corpus Christi • Freeport • Texas City

Chemical Tank Vessels

Odfjell

Team

MOL Chemical Tankers

Navig8

Marine Salvage/Dredging Operators

Callan Marine

Orion Marine Group

Donjon Smit Salvage

Fleichman Group

Ardent

McCarthy

Shipyard Facilities

Gulf Copper — Employee Owned, Customer Driven

Malin International Ship Repair & Drydock, Inc.

Chairman Closing Comments

Follow LSHSC on LinkedIn

LoneStarHSC.org