



Dredging & Marine Construction Subcommittee
Lone Star Harbor Safety Committee
Meeting Time: Tuesday, 23 January 2018, Following Nav Ops (~1030)
Meeting Place: WGMA Red Room (2nd Floor)

Address: 1717 Turning Basin Drive
Houston, Texas 77029

Meeting Agenda:

A.) Dredge Subcommittee Meeting Starting at 10:30 (following immediately after NavOps)

1. Updates, Questions & Answers
 - a. Marine Construction (None this period)
 - b. Federal projects (USACE)
 - c. Non-VTS (Kropf)
2. Under Keel Clearance
3. LSHSC dredge subcommittee short (1-2 yrs) and long term goals (3-5yrs).
 - a. Maintain and overview of USACE projects, schedules, and pre-dredge conferences.
 - b. Communicate with VTS, Pilots, port authorities, and USACE
 - c. Committee outreach through the Port Authorities and private terminals to educate all facility operators on the importance of maintaining adequate depth alongside their berths.
 - d. Coordination between dredging subcommittee and Nav Ops.
4. Next Scheduled Meeting
 - a. Full committee: 2 February, 9:00-12:00, Sector Houston
 - b. Subcommittee: TBA, 10:30, TBA

B.) Open discussion:

217b: For anyone who has upcoming dredging and is looking to use a federal placement area, we are now facilitating permission to place material using the new 217b process. The advantage to this process is that it can lower your cost to place material and the money paid to the Corps stays in the HSC system for future maintenance of the placement areas. Please contact Channel Development to begin the process. Sooner is better.

- - UPDATES - -

Feasibility Study

No update at this time.

Marine Construction Permits:

No update at this time.

Federal Projects: (DATES AND PROJECTS SUBJECT TO CHANGE)

Ongoing projects:

- Sims to Turning Basin (Crosby Dredging, LLC): Dredge Allison Crosby will be finishing dredging Federal channel downstream of 610 later this week. Then the dredge will move to Woodhouse and Sims docks and will re-sweep Manchester and then will dredge remaining docks above 610. Completion anticipated March 2018. Anticipate re-dredging of Turning Basin due to Harvey, evaluating ways to address.
- Deferred Environmental Restoration contract (Weeks Marine): Dredge Captain Frank finished Harvey-related maintenance dredging the HSC in vicinity Beacon 97, Barbours Flare, and HSC adjacent to Barbours Flare and Bayport Flare. Dredge Captain Frank is currently conducting maintenance dredging in Bayport Flare until mid-February 2018. Bayport Bend Easing anticipated to begin mid-Feb 2018 (3 months) and then HSC widener expected to begin after bend easing (3 months). Contract completion expected mid-August 2018.
- HSC Exxon to Carpenters Emergency dredging (Orion Marine): Orion completed dredging in the vicinity of Lynchburg Ferry. Dredge John LaQuay is currently dredging upstream of BOSTCO on the red side of the channel. Overall contract completion date May 2018.
- Proceeding with contract to address concerns between Carpenters Bayou and Sims Bayou. Contract advertised 1/22/18. Bid opening set for 2/1/18 but is dependent on Govt Shutdown. Award planned early Feb.
- Galveston Harbor Dredging: Dredge Glenn Edwards completed dredging. Manson has been conducting clearing operations with a drag bar to knock down remaining humps. After dredge surveys of Galveston Harbor are scheduled to be conducted on 1/23/18.
- Texas City Main Channel: Awarded June 2017 to Crosby Dredging LLC. Dredge Susan Crosby finished turning basin and is currently dredging the main channel. Anticipate finishing main channel this week, then will move on to the Industrial Canal for approx. 3 weeks.
- GIWW High Island to Rollover and Bolivar Flare: awarded to Crosby dredging; work ongoing with Beau Caroline. Completion estimated March 2018.
- Lost Lake PA Dewatering: RLB Contracting, Inc. Contract completed
- Mid Bay PA Dewatering: awarded to RLB Contracting Inc. Work ongoing. Completion April 2018.
- Spilmans PA Containment Dike Raise: awarded to Apollo Environmental Strategies Inc; work began in November. Completion Sept 2018.
- House Tract Dike Raise: awarded to Affolter Construction; work ongoing. Completion Nov 2018.

- Alexander Island PA Dewatering: awarded to Wilco Marsh Buggies and Draglines, Inc. Work ongoing. Completion May 2018.

Upcoming projects:

Harvey impacted FY18 schedules; focus has been on recovery operations. Other currently planned schedules subject to change:

- Freeport Harbor PA1 Dike Raising: Jan 2018 award (pending Govt Shutdown)
- HSC Carpenters Bayou to Sims Bayou Dredging: Feb 2018 award (pending Govt Shutdown)
- Freeport Harbor Jetty Channel and Inside Channel: June 2018 award
- HSC PA14 Dewatering: July 2018 award
- HSC Bayport to Morgan's and Bayport Dredging: July 2018 award
- Galveston Harbor: Inner Harbor Maintenance dredging: July 2018 award
- HSC PA15 Spillbox Dewatering and Repair: August 2018 award
- HSC West Clinton PA improvements: August 2018 award
- HSC Morgan's to Exxon Dredging: Sept 2018 award
- HSC Mid Bay PA Improvements: Sept 2018 award
- HSC Alexander PA Improvements: Sept 2018 award
- HSC Lost Lake PA Improvements: Sept 2018 award
- GIWW Rollover to Causeway and Bolivar Flare: Sept 2018 award
- Galveston Pelican Island PA Improvements: Sept 2018 award
- Galveston San Jacinto PA Improvements: Sept 2018 award

Non-VTS:

Weeks Marine is doing an excellent job of communicating with the recreational boating community.

Under Keel Clearance:

I had let the progress stall after Harvey and we will resume work on this item again.

Prior to the hiatus, we had collected the following information:

- ISGOTT 5th edition guidance that indicates information needed to make a determination of proper UKC.
- USCG MSIB 04-15 "Hydrographic Surveys at Waterfront Facilities to Support UKC" that discusses regular berth surveys to assist in determining safe draft for arriving ships.
- Procedures used in the Ship Inspection Report Program used for tanker safety.
- Information from other ports regarding their UKC policies and procedures.
- Various presentations showing procedures and technologies used for calculating safe UKCs.

The working group will continue to work on identifying industry standards for calculating UKC, implications of not calculating or using too conservative of a calculation, and a deeper discussion of the use of UKC in the Houston-Galveston area.