



# Lone Star Harbor Safety Committee:

**A local solution to local  
navigation safety issues**

Western Dredging Association – Gulf Coast  
Chapter  
Annual Conference

**J.J. Plunkett**

**Chair, Lone Star Harbor Safety Committee**

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# Houston

## Houston-Galveston Complex

245,645 vessel movements/year  
142,504 tug & tow  
22,485 ship  
76,029 ferry  
3,784 misc

Over 150 facilities  
Over 550 MM bbls terminal capacity  
6 refineries (4 MM bbls/day)  
2 major container terminals (2.8MM TEU/yr & growing)  
15MM bbls/day of hydrocarbon supply



Freeport

Texas  
City

Galveston



# MTS Challenges

- **Many moving parts**
- **Decentralized**
- **Single points of failure**
- **Increasing demands;  
fixed capacity**



# Harbor Safety Committees – Some common features

- Mission
- Meetings
- Consensus & management
- Structure
- Tracking action items
- Funding

**Low Key Harbor Safety Committee CHARTER**

**MISSION STATEMENT**  
The Low Key Harbor Safety Committee (IHSC) provides a public forum for the review of related matters involving the ports of Houston, Galveston, Texas City, and Freeport including the associated waterways of the Gulf Intracoastal Waterway and offshore shipping lanes. As a vehicle facilitating communication between and among public and private sector entities, the Committee draws upon regional expertise and insight to address such issues as vessel traffic management, waterway management, communications, security, significant safety issues, special events, marine traffic disruptions, accidents, process improvement, and any other related to the local safety and environmental risks and may consider other related issues as and when appropriate.

**SCOPE**  
As recognized by the U. S. Coast Guard and the Department of Homeland Security, IHSCs have been identified as a key to safe, efficient and environmentally sound operations. As such, the Committee shall be responsible for specific assignments and may conduct studies, inquiries, investigations to various factors, state and local agencies with responsibility for or liability with IHSC issues within the IHSC's geographic area of interest.

Harbor Safety Committees are discussed in the U. S. Department of Transportation's September 1999 Report to Congress, "An Assessment of the U.S. Marine Transportation System" and in the Coast Guard guidance on the establishment and development of Harbor Safety Committees. Low Key was chartered on January 15, 2013 by various industry members within the region.

**ORGANIZATIONAL STRUCTURE**  
Mission Based - Charter

**LONG BEACH HARBOR SAFETY COMMITTEE**  
Met on 01/20/2016 (08:00 - 12:00)  
Agenda Item #1 - 01/20/2016

A. Opening Remarks by Committee Chair - 10:00am  
B. Guest and Welcome Remarks by Captain of the Port - 10:15am  
C. Approval of Minutes - 10:30am  
D. Presentation - 10:45am  
E. Discussion - 11:00am  
F. Adjourn - 11:30am

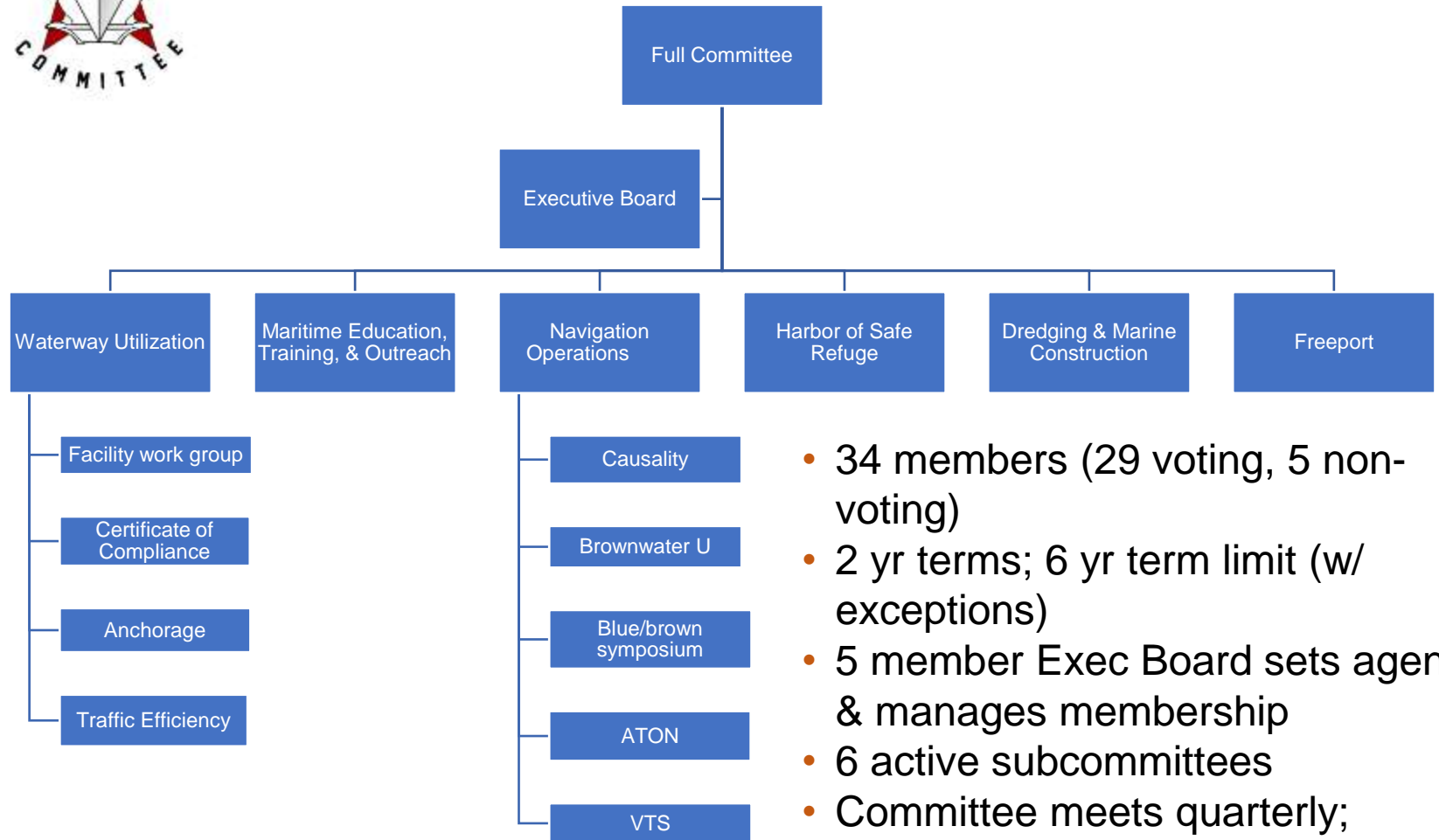
**ORGANIZATIONAL CHART**

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    graph TD
      IHSC[IHSC] --> Executive[Executive Committee  
Meeting Calendar]
      Executive --> AWOPS[AW OPS]
      Executive --> Fleet[Fleet of Safe Haven]
      Executive --> Education[Education Outreach]
      Executive --> Workforce[Workforce Utilization]
      Executive --> Cargo[Cargo & Marine Cont.]
      AWOPS --> Capabilities[Capabilities Analysis]
      AWOPS --> VES[VES Waterway]
      AWOPS --> Greenwater[Greenwater U.]
      VES --> Navigation[Navigation]
      VES --> Bridge[Bridge Profile & Clearing]
      VES --> BridgeCD[Bridge CD Bridge Operations]
      VES --> Battery[Battery Terminal Symposium]
      Greenwater --> AOM[AOM Waterway]
      Education --> Environmental[Environmental Assessment]
      Workforce --> CCC[CCC]
      Workforce --> BridgeE[Bridge E-Systems]
      Workforce --> Traffic[Traffic Safety (Cross Terminal)]
      Workforce --> Party[Party]
  
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# Lone Star Harbor Safety Committee



- 34 members (29 voting, 5 non-voting)
- 2 yr terms; 6 yr term limit (w/ exceptions)
- 5 member Exec Board sets agenda & manages membership
- 6 active subcommittees
- Committee meets quarterly; subcommittees meet 8-10x/yr

# Harbor Safety Committees – A local solution for local problems

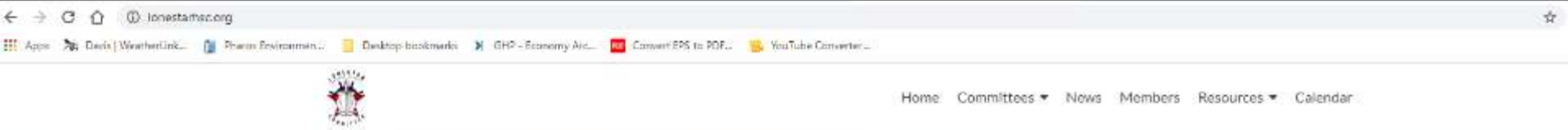
## In general –

- **Vessel traffic management**
- **Anchorage management**
- **Communications**
- **Significant/heavy weather ops**
- **Traffic disruptions/restoration**

## Specifically –

- **Beltway 8 HSC bridge replacement project**
- **Houston Ship Channel 216 study**
- **Coastal storm surge protection (Ike Dike)**

# www.lonestarHSC.org



## LONE STAR HARBOR SAFETY COMMITTEE

**GET INVOLVED**

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**Farewell**

