Port Corpus Christi 2017 Statistics:

- Largest U.S. Produced Energy Export Port
- #1 Crude Oil Export Port
- 4th Largest Port in the US (in revenue tons)
- $150 Billion Annual Economic Output
- Over $100m per day in goods value
Genesis of Hurricane Harvey

Houston

Corpus Christi
Storm Statistics

- Cumulative weight of rainfall on Houston sank Houston’s elevation by 2cm\(^1\)
- At $127 billion (est.), Harvey 2\(^{nd}\) costliest natural disaster in US after Katrina\(^2\)
- Harvey dumped 33 trillion gallons of rainfall, as much water flows over Niagara Falls in 500 days\(^3\)

Source:
\(^1\) Forbes Sept, 2017
\(^2\) Bloomberg, Jan, 2018
\(^3\) The Washington Post, Aug 2017
SEARCH & RESCUE

SHIP CHANNEL OBSTRUCTIONS

EPIC DESTRUCTION

TOTAL STATE OF EMERGENCY
PORT CORPUS CHRISTI
PREPAREDNESS

01  FEDERAL, STATE, & LOCAL PARTNERSHIPS

02  HURRICANE READINESS PLANS & EQUIPMENT

03  NIMS IMPLEMENTATION

04  TRAINING & EXERCISES
01 NO LOSS OF LIFE

02 NO MAJOR ENVIRONMENTAL INCIDENTS

03 INTEGRATED EOC LIAISONS & COMMUNICATIONS

04 COORDINATED RESPONSE
PORT CORPUS CHRISTI

RECOVERY & BUSINESS CONTINUITY

01
USCG & USACE LIAISONS & REGIONAL EOC COMS

02
INITIAL SAR ACTIVITIES W/ USCG

03
PCT – PORT COORD. TEAM (STAKEHOLDERS, PORT, USCG)

04
REGULAR MEDIA & COMMUNITY ADVISORIES

Hurricane Harvey Impact to the Port
Post Storm Recovery Status of Ship Channel

Corpus Christi, TX - As the Port of Corpus Christi Authority continues its hurricane Harvey response efforts, it has fully transitioned to the Post Storm Recovery in accordance with its 2017 Post Hurricane Roadmap Plan. The Corpus Christi Ship Channel (Ship Channel) remains closed as the United States Coast Guard is maintaining condition Zulu for all areas of the Ship Channel. However, the US Coast Guard has issued a modified Zulu criteria for the inner Harbor to allow for vessels with up to 36 feet draft to operate.

The Port of Corpus Christi Emergency Operations Center, Security Command Center and Harbor Branch’s Office continue to operate round the clock and have maintained continuous 24 hour operations throughout this event.

The Port of Corpus Christi is in close coordination with federal, state, and regional agencies including the US Army Corps of Engineers and the US Coast Guard to monitor and anticipate the recovery of the Corpus Christi Ship Channel to identify and stabilize areas as a result of the hurricane. Surveys have been completed by both agencies, but as weather improves, it is anticipated the remaining areas of the Channel which require surveying will be completed in the next 48 hours. Power has been restored to most NOAA facilities.

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Post Harvey Damage Surveys & Assessments

- UAS Arial Surveys & Assessments (Private Resources)
- Subsurface Channel Surveys (Private Resources)
- Surface Surveys (Port Resources)
POST HURRICANE HARVEY RECOVERY UPDATE CORPUS CHRISTI SHIP CHANNEL RE-OPENS AFTER RECORD SIX DAY CLOSURE
Lessons Learned & Opportunities to Improve

▪ Self-sufficiency Imperative (Lodging, Food, Communications, Personnel)

▪ State & Federal assumptions off due to enormity of the storm

▪ Emergency Power & Fuel Planning (Port OK – Partners Not So Much)
Lessons Learned & Opportunities to Improve (Continued)

- Multiple Modalities of Communications
- Ready & Resilient Infrastructure e.g. Dedicated EOC, Hoteling Capability, etc.
- Pre-disaster Contracts (e.g. Fuel, Power, Generators)
- Prioritized Facilities
The Human Factor

▪ Put People Before Policy & Process
▪ Provide Staff Support & Mutual Aid In Surrounding Communities
▪ Be Adaptable & Flexible
▪ Solve the Problem – Don’t be the Problem
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