

# CURRENT AND FUTURE STUDIES

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*Galveston District – 2012 Dredging Conference  
Custodians of the Coast*



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# Planning Section Update

- Shallow Draft Channel Studies
- Deep Draft Channel Studies
- Challenges



# Existing Shallow Draft Studies

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# GIWW – Sabine to Brazos Preliminary Assessments

- Preliminary Assessments developed for two reaches (Sabine River to High Island/High Island to Brazos).
- Sabine River to High Island has sufficient capacity for 20 years.
- High Island to Brazos needs new DMMP.



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# GIWW - Port O'Connor to Corpus Christi Bay

- Current study evaluating changes to address navigation safety issues.
- Report draft completed, currently undergoing ATR.
- Scheduled to be approved in Sept 2013.



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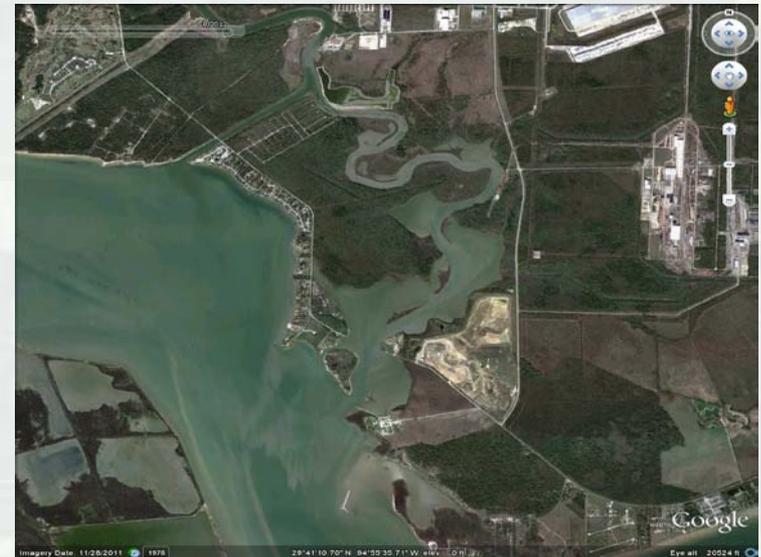
# GIWW - Mooring Basin Modifications

- Study underway to evaluate modifications to four mooring basins (Port Arthur, Bolivar, Pelican Island and Brazos River facilities).
- Scheduled to be completed in Oct 2013.
- Utilizing O&M funds.



# Cedar Bayou DMMP

- Completed evaluation of new placement area alternatives including modified and new upland confined as well as new beneficial use opportunities.
- Team has identified new base plan.
- Scheduled to be complete in late 2013.
- Utilizing O&M funds.



# Chocolate Bayou DMMP

- Completed new DMMP which included modification of existing placement area.
- Document has been submitted to Southwestern Division for review and approval.
- Utilizing O&M funds.



# On-Going Deep-Draft Studies

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# Sabine Neches Waterway

- Chief's Report signed on 22 July 2011.
- Awaiting Congressional authorization.
- Recommends deepening to 48 feet and selective widening.



# Houston – Galveston Navigation Channels

- Initiated preparation of DMMP for Houston Ship Channel.
  - ▶ Completed Phase I (Engineering Info). Identified reaches with capacity limitations.
  - ▶ Utilizing O&M funds.
- Discretionary Authority modification to Bayport Flare.
  - ▶ Evaluating bend easing and widener. Complete Aug 2013.
  - ▶ Utilizing O&M funds.
- Houston-Galveston Navigation Channels 902 LRR
  - ▶ Draft LRR identifying new cost for Congressional authorization. Scheduled to transmit report to Congress Nov 2013.



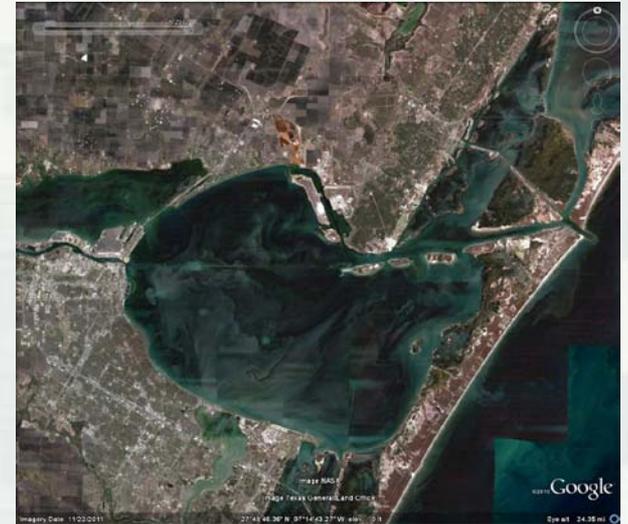
# Freeport Channel

- Feasibility Study evaluating deepening and widening alternatives.
- Successfully defended project at Civil Works Review Board in August 2012. Scheduled to have a Chief's Report by end of this calendar year.
- Recommends deepening to 55, 50 and 26 feet with selective widening.
- Section 204 Widening approved by ASA. MOA under development.



# Corpus Christi Ship Channel

- Completed study in 2003 to deepen channel to 52 feet, barge lanes, extend La Quinta Channel.
- Received authorization in 2007 WRDA.
- Initiated construction of La Quinta Channel extension. Physical completion expected in August 2013.
- Working on economic/environmental update for CCSC and barge lanes. Scheduled to complete in Dec 2013.



# Brazos Island Harbor

- Feasibility study to evaluate deepening/ widening alternatives.
- Ship/Rig simulations complete. Working to finalize benefits and identify NED Plan.
- \$726K in President's FY 13 Budget.

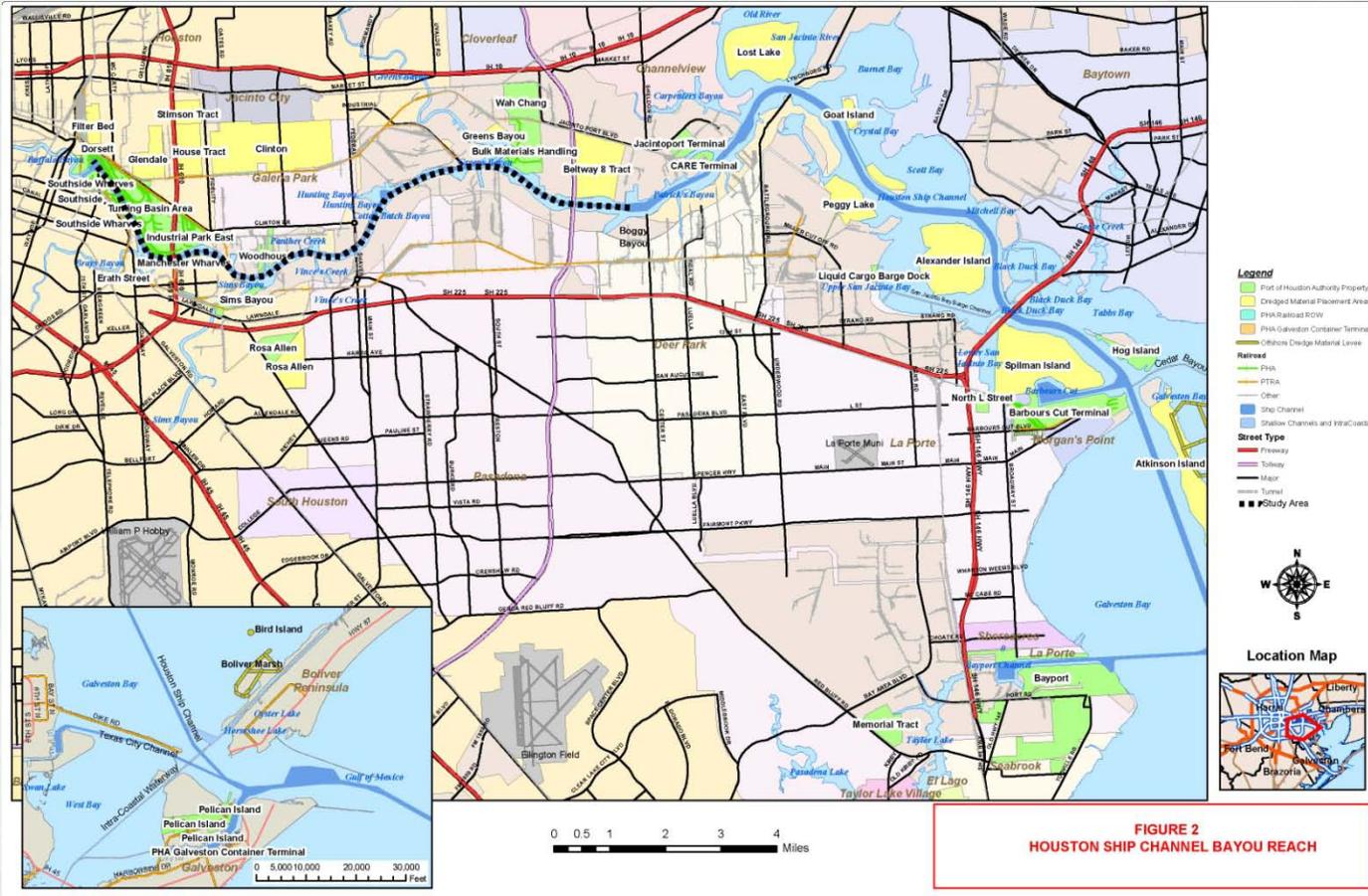


# Future Studies

- Extension of Houston Ship Channel deepening
  - ▶ Boggy Bayou to Turning Basin.
  - ▶ Section 216. SWG has completed an Initial Appraisal and submitted for review and approval.
  - ▶ Await new start funds to begin recon.



# Houston Ship Channel Extension



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# Challenges

- Uncertainty in the budgeting process
- Review process
- 3x3x3



# Questions?

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