Louisiana’s Marine Transportation System and Sponsored Projects
LOUISIANA’S MARINE TRANSPORTATION SYSTEM (MTS)

- Over 2,800 miles of navigable channels
- Over 1000 port & terminal facilities
- 27 Locks/Dams
- 2/3 of all parishes are adjacent to navigable waterways
MARI NE TRANSPORTATION SYSTEM COMPONENTS

- Deep draft waterways
- Coastal waterways
- Inland waterways
DEEP DRAFT WATERWAYS

- Mississippi River
- Calcasieu River
COASTAL WATERWAYS

- Mermentau and Vermilion rivers
- Bayou Teche, Lower Atchafalaya River, Houma Navigation Canal, and Bayou Lafourche
- Gulf Intracoastal Waterway (GIWW)
INLAND WATERWAYS

- Atchafalaya, Mississippi (north of Baton Rouge), Red and the Ouachita – Black Rivers
- GIWW Morgan City – Port Allen
PHYSICAL CONSTRAINTS

Constraints include but are not limited to...

- Insufficient channel depth
- Outdated locks
- Disposal of dredged material
- Maritime fees and tariffs
CRITICAL CONSTRAINTS

- Bayou Sorrel Lock
- Inner Harbor Navigation Canal Lock
- Simmesport Railroad Bridge
BAYOU SORREL LOCK
INNER HARBOR NAVIGATION CANAL LOCK
SIMMESPORT RAILROAD BRIDGE

Near a Populated Area

Simmesport, LA

A Railroad Bridge

On a Curve in the River

Simmesport RR Bridge

Krotz Springs

Port Allen Inland River Port

Bayou Sorrel Lock

Morgan City
IMMEDIATE CONSTRAINTS

- Channel maintenance
- Channel deepening
- Channel widening
- Lock limitations
- Disposal of dredged material
Institutional Constraints

- Federal and state law
- Maritime fees
- Project authorization processes
- Lack of federal funding
- Underdeveloped intermodal transportation centers
- Under reported traffic for offshore oil and gas activities and commercial fisheries
MARITIME ISSUES

- Coastal Protection & Navigation
  - Mutually Supportive
  - Big Picture Perspective
  - Comprehensive Approach to benefit issues

- DOTD is lead agency for Navigation & Maritime
  - LED = lead agency for the Maritime Advisory Task Force

- Infrastructure Maintenance depends on
  - Inland Waterways Trust Fund
  - Harbor Maintenance Trust Fund
  - Federal funding
ASSESSMENT of ECONOMIC IMPACT in LOUISIANA

Dollars are in millions.

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One in seven jobs in Louisiana is maritime related.
New Issue on Horizon
Hydrokinetic Energy

License Hydrokinetic energy

FERC tentatively approval

Concerns - impact to navigation
RECOMMENDATIONS

- Seek Commitment from state and local entities
- Consider a **Maritime Transportation Coalition**
- Develop additional federal & state funding sources
- Address Physical and Institutional Constraints
- Take advantage of Future Opportunities
- Develop maritime **marketing strategy**
- Encourage Business & Industry to remain in contact with their state and federal legislators!!!
Four Sponsored Projects with the CORPS of Engineers

- Mississippi River Ship Channel
- Acadiana Gulf of Mexico Access Channel (Port of Iberia)
- Houma Navigation Canal
- Baptiste Colette Bayou
MISSISSIPPI RIVER SHIP CHANNEL

- WRDA 1986 to 55 feet

- Phase 1 complete
  - 45 feet from Gulf to mile 181 near Donaldsonville

- Phase 2 complete
  - 45 feet from mile 181 to Baton Rouge, mile 232.4

- Phase 3
  - In limbo
  - O&M Funding Issue
ACADIANA GULF OF MEXICO ACCESS CHANNEL (AGMAC)

- Authorized in WRDA 2007

- In Preconstruction, Engineering and Design (PED) Phase

- Negotiating three party project agreement for construction
  - Port to construct the Freshwater Bayou structure
  - Port to maintain dredge disposal sites

- Port of Iberia - responsible for all lands, easements, relocations, rights-of-way and dredged disposal sites

- Corps has suspended project pending Congressional action
HOUMA NAVIGATION CANAL

- Originally – part of Morganza to the Gulf Hurricane Protection Project
- Funded by the Corps under Morganza to Gulf Authority
- DOTD is sponsor of project in conjunction with Port of Terrebonne and Terrebonne Parish Consolidated Government
- Feasibility Study was scheduled for completion in 2010 but there is no Chief’s Report yet
- Negotiating a four party PED agreement with the Corps
BAPTISTE COLLETTE BAYOU

- To provide access to the Eastern Gulf of Mexico for the oil service industry from Venice

- Plaquemines Parish is doing a Section 203 Feasibility Study under Corps guidelines

- DOTD has a Cooperative Endeavor Agreement with the Parish to fund the study

- Currently in ITR
THANK YOU

http://www.dotd.louisiana.gov/

• Transportation – Marine & Rail
• MTS Plan document in pdf format