THE PORT
Alabama State Port Authority
www.asdd.com
PORT OF MOBILE

- **Excellent Transportation Infrastructure**
  - I-10 & I-65
  - 5 Class 1 Railroads (AGR-BNSF, CN, CSX, KCS, NS)
  - Rail Ferry Service Every 4-days to Mexico
  - Air Cargo (Brookley Complex)
  - Inland / Intracoastal Waterways
  - State of the Art Container Terminal and ICTF

- **Full Service Seaport - 10th Largest in the U.S.** *
  - 58+ Million Tons Annually Port Wide
  - Major Breakbulk Forest Products Port
  - Major Export Coal Port
  - Major Automotive Components and Automotive Grade Steel Port
  - Second Largest Steel Port in U.S.

* USACE Waterborne Commerce Statistics CY2015
Lower Harbor – 45 ft. Draft
Serving Larger Post Panamax Ships
Containers / Steel / Coal

Upper Harbor – 40 ft. Draft
Serving Panamax Ships
Metals / Forest Products / Petroleum
Frozen Poultry / Grain / Coal

Inland Waterways Via
Tennessee-Tombigbee

Intermodal Investments
Container Terminal / ICTF / Logistics

5 National Railroads
3 Short Line Railroads
Interstates / I-65 & I-10
Upper Harbor – Steel Coils

- Phase I
  - 178,200 SF Warehouse
  - 168,00 SF Open Yard
  - Four 50 Ton Overhead Cranes
  - Over 1,000,000 Tons Annual Throughput Capacity

- Serves High Growth in Steel Products
  - AM/NS CALVERT
  - HYUNDAI STEEL
  - NUCOR
  - OUTOKUMPU
  - POSCO
  - STEEL DYNAMICS INC.
  - SSAB

- Over 1 MM tons handled in FY2016;
  Expansion Assessment Work Underway
AUTOMOTIVE - RO/RO TERMINAL

- Concessionaire RFP Short List Completed
- ASPA Management in Negotiations
APM TERMINALS - CONTAINER TERMINAL

- $50MM at the Container Terminal
- 2 Super Post-Panamax Cranes Arrived in June
- 20-ac. Yard
- New Container Handling Equipment
- Terminal Growth to Meet Vessel/Shipper Needs
  - Phase 1 (Open 2008) - 350,000 TEU
  - Phase 2 (In progress) - 500,000 TEU
  - Phase 3 - 650,000 TEU
  - Phase 4 (RTG/RMG) - 1,000,000 TEU
  - Phase 5 - 1,500,000 TEU
Super Post-Panamax STS Cranes

- 2 Super Post-Panamax Cranes Arrived in June 24, 2017
- $13 Million Each
- 14 ft. el. Dock Position – 366 ft. AGL
- Boom Stowage will be at 45 degrees (FAA)
- Total Height at Stowed Position 378 ft.
INTERMODAL CONTAINER TRANSFER FACILITY

- Phase 1 Opened June 2016
- Located Adjacent to APMT
- Phase 2 will Provide “On Dock” Connector Bridge
- Adjacent Land Set Aside for Container Intermodal Logistics
PLANNED LOGISTICS PARK – CONTAINER INTERMODAL

- Parcels Adjacent to Container Intermodal Investments
- Land Development Plan Underway
- Set Aside for Container Intermodal Logistics
Lower Harbor – 45 ft. Draft
Serving Larger Post Panamax & Wide-body Ships
Containers / Steel / Coal

Upper Harbor – 40 ft. Draft
Serving Panamax and/or Wide-body Ships
Steel / Forest Products / Grain / Petroleum / Coal
HARBOR MODERNIZATION

- Congressionally Authorized to 55 ft. Depth and 550 ft. Width
- Current Dimensions
  - 45 ft. Deep
  - 400 ft. wide
- $7.8 MM - 4-Year Study Process Underway / US Army Corps of Engineers
- Assesses Economic Justification / Environmental Impacts
- Provides Economy of Scale to Shippers
- Improves Vessel Efficiencies and Safety
STUDY FOCUS

- Initial Depth of 49 and up to 52 feet
- Widths of 500 and 550 feet (Bay Channel)
- Lengths of Widening up to 5 miles
- Bend Easing (Upper Bar Channel)
STUDY TIMELINE (2016-2019)

• Scoping / Alternatives Array Identified – Completed
• Economic Analysis Underway
  ✓ Commodity Forecast
  ✓ World Fleet Forecast
  ✓ Mobile Harbor Fleet Forecast
  ✓ Historic Vessel Calls
• Engineering Analysis Underway
  ✓ Subsurface Samples / Borings
  ✓ Ship Simulation
  ✓ Channel Design Safety / Efficiency
• NEPA Compliance Underway
  ✓ Wetland Assessment / Mapping
  ✓ Submerged Aquatic Vegetation Assessment/ Mapping
  ✓ Oyster Resources Assessment / Impacts
  ✓ Benthic Community Assessment (Freshwater / Saltwater )
  ✓ Fisheries Assessment
• DRAFT SEIS – Summer 2018
• Final SEIS–Summer 2019
• Record of Decision – Year End 2019
HARBOR DEEPENING & WIDENING ENGAGEMENT

  - Mobile Harbor GRR Review Page
  - Join ListServe to Receive Notices
- Facebook
  - [https://www.facebook.com/USACEMOBILE](https://www.facebook.com/USACEMOBILE)
- Attend Open Houses / Public Forums
- File Comments in Support at [MobileHarborGRR@usace.army.mil](mailto:MobileHarborGRR@usace.army.mil)
Thank You!

ASCE Alabama Section  •  APWA Alabama Chapter
2017 Summer Conference

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