



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.



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LARGER SHIPS

Welcome.

* USACE Waterborne Commerce Statistics CY2015



Lower Harbor – 45 ft. Draft
Serving Larger Post Panamax Ships
Containers / Steel / Coal

Intermodal Investments
Container Terminal / ICTF / Logistics

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

5 National Railroads
3 Short Line Railroads
Interstates / I-65 & I-10

Inland Waterways Via
Tennessee-Tombigbee

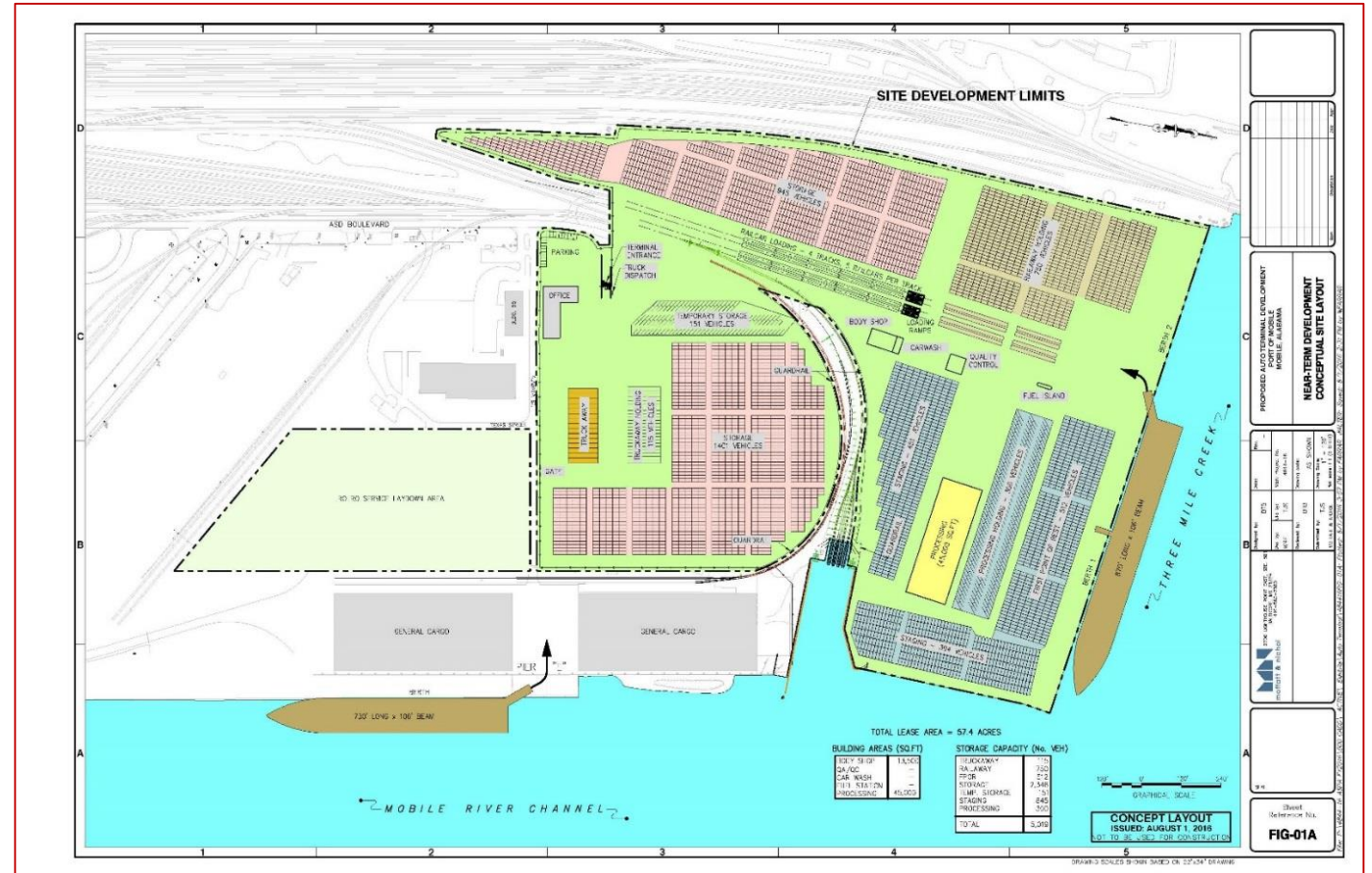
Upper Harbor – Steel Coils

- 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



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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.



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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



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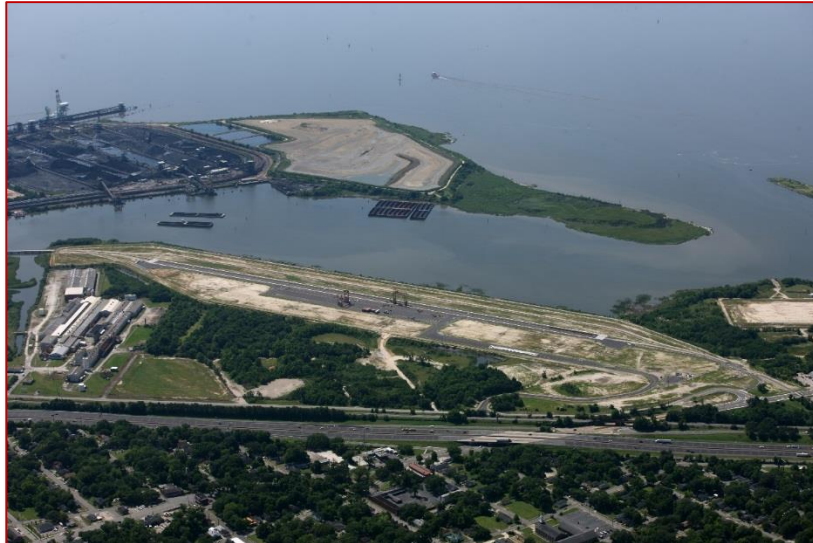
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PLANNED LOGISTICS PARK – CONTAINER INTERMODAL



- Parcels Adjacent to Container Intermodal Investments
- Land Development Plan Underway
- Set Aside for Container Intermodal Logistics



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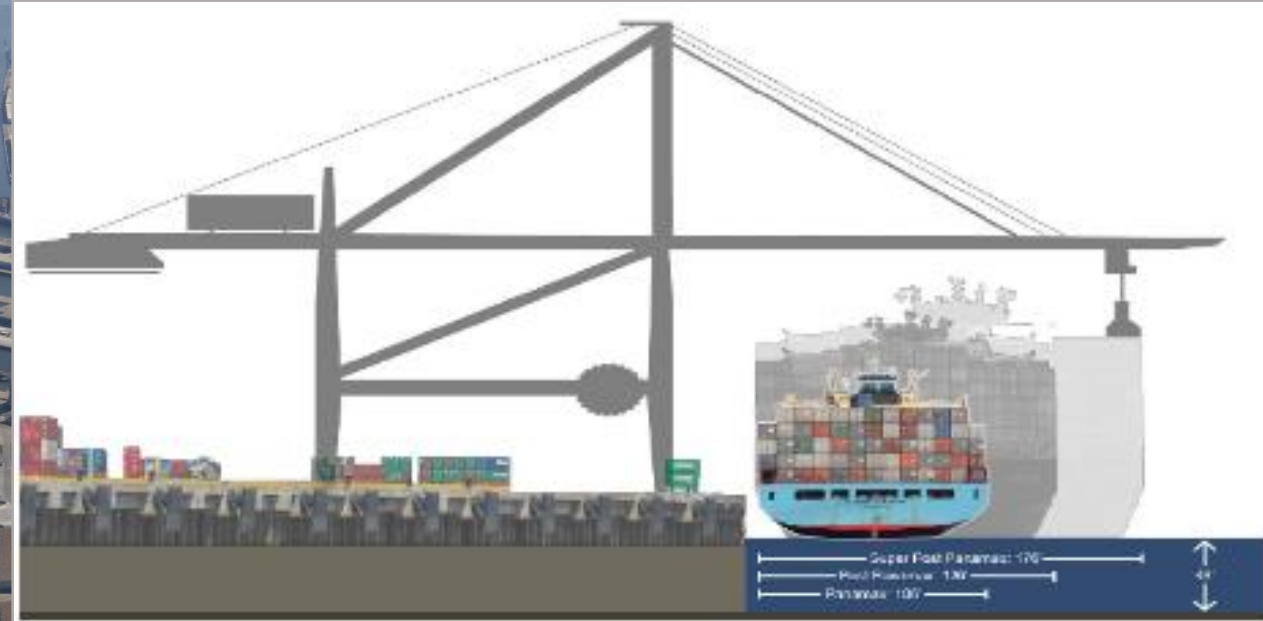
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Steel / Forest Products / Grain / Petroleum / Coal



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



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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)



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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



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HARBOR DEEPENING & WIDENING ENGAGEMENT

- <http://www.sam.usace.army.mil/>
 - ✓ Mobile Harbor GRR Review Page
 - ✓ Join ListServe to Receive Notices
- Facebook
 - <https://www.facebook.com/USACEMOBILE>
- Attend Open Houses / Public Forums
- File Comments in Support at MobileHarborGRR@usace.army.mil



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ALABAMA STATE PORT AUTHORITY PREPARING FOR TOMORROW!

Thank You!

ASCE Alabama Section ● APWA Alabama Chapter
2017 Summer Conference



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