Jacksonville Harbor, located primarily along the first 20 miles of the St. Johns River, is a significant economic force in Florida and the nation. The Jacksonville Port Authority (JAXPORT), the non-federal sponsor, enjoys rankings of 39th in the nation for overall tonnage and 12th for container traffic. It is also the largest port in the nation in terms of overall vehicle exports. The harbor is located at a strategic transportation crossroad, providing both rail and highway access to all regions of the United States. In anticipation of the Panama Canal expansion and the continued global shift to larger vessels, JAXPORT has capitalized on its strategic location and has been proactive in developing its port infrastructure.

Jacksonville Harbor is a key node for trade routes to Europe, South America, and the Pacific. Without limited by channel depth and restrictive channel widths, it currently receives a significant number of large loaded ships that have traversed the Suez or Panama Canals. As military installations flank several areas of the harbor, Jacksonville Harbor has been designated a strategic port to support major deployments and military force build-up for some national defense contingency plans. For all of these reasons, President Obama identified Jacksonville Harbor as a nationally significant infrastructure project under the “We Can’t Wait” initiative.

Project purpose: With this project, there is an opportunity to reduce transportation costs and bring in the forecasted volume of goods into the harbor on fewer, larger, and more efficient ships – improving competitiveness while driving down shipping costs for Americans and American businesses. Other benefits include improved maneuverability, a reduction in vessel calls, and minimized cross country transit of cargo from Post-Panamax ships currently offloading on the west coast of the United States.

ECONOMIC ANALYSIS

Approximately 85% of project benefits are attributable to container vessels.

Ship Simulation: Defined widening footprint
Incremental Analysis: Widening increments evaluated independently and with deepening
Turning Basins: Included with widening measures due to their interdependencies
45-foot Depth: National Economic Development (NED) Plan
47-foot Depth: Locally Preferred Plan (LPP)

THE RECOMMENDED PLAN

NEW TURNING BASINS
WIDENING AREAS
DEEPENING
ADVANCE MAINTENANCE AREAS

DEEPENING: Entrance Channel to ~ River Mile 13 (from existing 40-foot depth to 47 feet)
WIDENING: Areas 1 and 2: ~100 feet to 300 feet
NEW TURNING BASINS:
- Blount Island: ~2700’ long by 1500’ wide
- Basin Brills Cut: ~2500’ long by 1500’ wide

RISING QUANTITIES: ~18 million cubic yards to new Ocean Dredged Material Disposal Site (ODMDS)
ADVANCE MAINTENANCE: Located to maintain same annual dredging frequency as existing conditions
O&M: Estimated at an additional 137,000 cubic yards dredged annually
BLASTING: Probable (based on contractor’s equipment)

PROJECT OVERVIEW: VITAL PORT/STRATEGIC LOCATION

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U.S. ARMY CORPS OF ENGINEERS, JACKSONVILLE DISTRICT

MILE 20
CONTAINER OIL/FUEL TERMINAL
CONTAINER TERMINALS
ENVIRONMENTAL STUDY AREA
JACKSONVILLE HARBOR, DUVAL COUNTY, FLORIDA
INTEGRATED GENERAL REEVALUATION REPORT II AND SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT

DOWNTOWN JACKSONVILLE
TALLEYRAND TERMINAL
NAVY/FUEL DEPOT
MILITARY STATION MAYPORT
INTERIM CRUISE TERMINAL

BULK TERMINAL
MILITARY

TIMUCUAN ECOLOGICAL & HISTORIC PRESERVE (TIMU)

BLOUNT ISLAND UPLAND DISPOSAL SITE
RECOMMENDED WIDENING
BUCK ISLAND UPLAND DISPOSAL SITE
RECOMMENDED WIDENING

TIMUCUAN ECOLOGICAL & HISTORIC PRESERVE (TIMU)

BLOUNT ISLAND UPLAND DISPOSAL SITE
RECOMMENDED WIDENING
BUCK ISLAND UPLAND DISPOSAL SITE
RECOMMENDED WIDENING

OCEAN DREDGED MATERIAL DISPOSAL SITE ~8 nautical miles
ATLANTIC OCEAN
DEEPENING (MILE 1 THROUGH 13)

Shands Bridge
Buckman Bridge

Buckman Bridge

Sassador Bridge

VENICE MARINA

PROJECT AREA
~13 miles

CONTAINER TERMINALS
OIL/FUEL TERMINAL
BULK TERMINAL
MILITARY
VEHICLE

JACKSONVILLE HARBOR, DUVAL COUNTY, FLORIDA
INTEGRATED GENERAL REEVALUATION REPORT II AND SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT
U.S. ARMY CORPS OF ENGINEERS, JACKSONVILLE DISTRICT