

Presentation

- **Project Overview including**
 - **Cargoes**
 - **History**
 - **Scope**
 - **Schedule**
 - **Challenges**

Cargo

- **Largest Cruise Port in the World**
4,100,000 Passengers



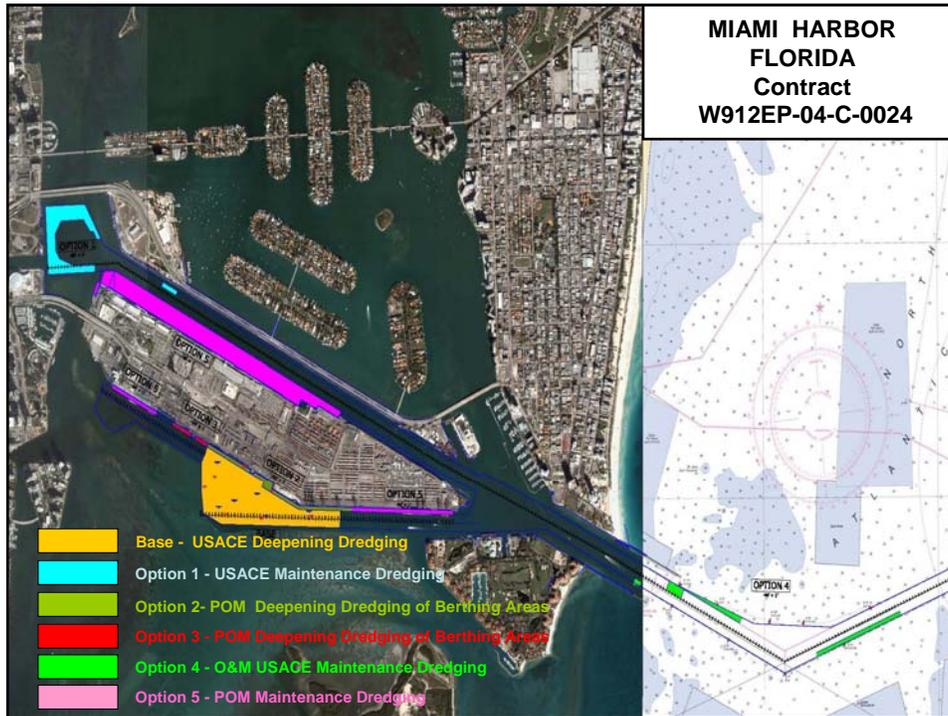
Cargo

- 7.4 Million Tons of Cargo
- 828,349 TEUs (twenty-foot equivalent units)
- 176,000 jobs and economic impact \$17 billion are tied to the Port



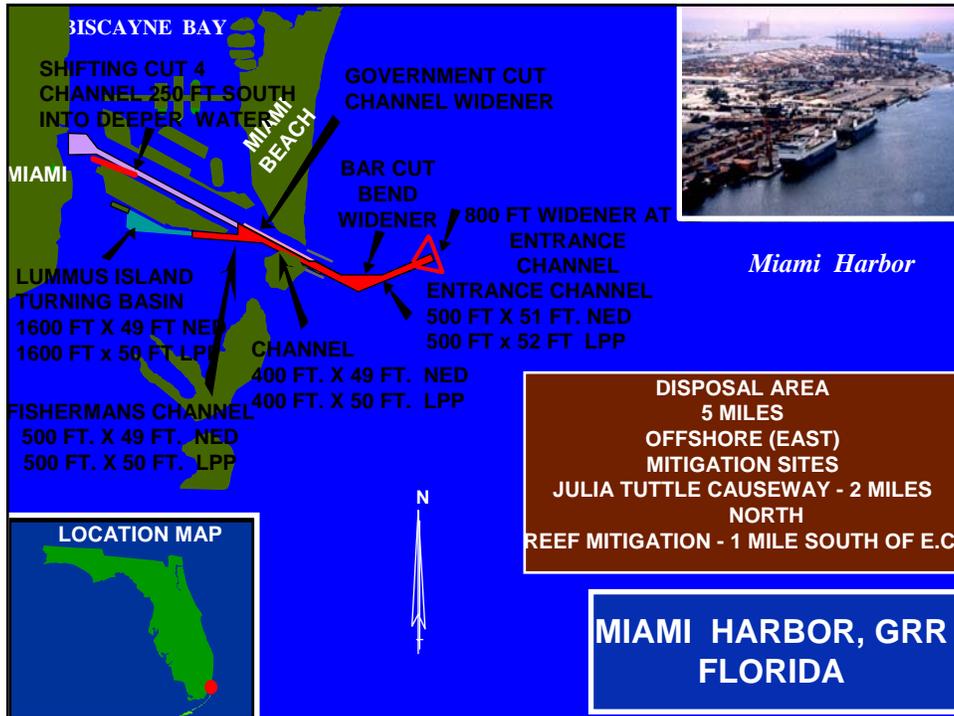
Project Info

- 10 miles of channel ranging from 44 to 35 feet deep
- First authorization in 1902
- Last Improvements Completed in 2006
 - Provided 44' Outer and 42' Inner Channel



Project History

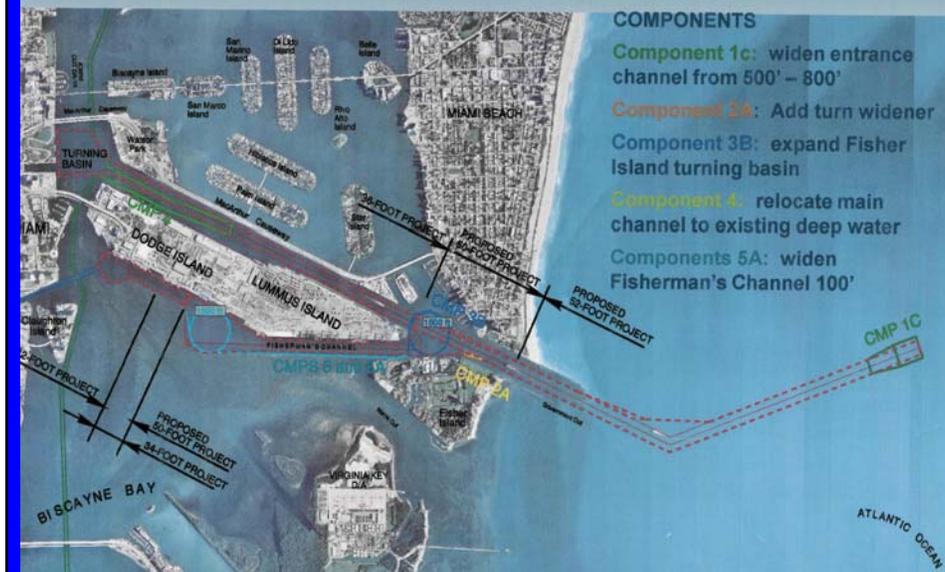
- **1999 Study Authorization**
- **2004 General Reevaluation Report Completed**
- **2005 Chief's Report (Report Approved)**
- **2006 Record of Decision Signed**
- **2008 Project Authorized**
- **2009 Design Agreement Signed**



Project Scope

- **Request for Proposal**
 - **6,000,000 CY of dredging**
 - **Placement is Offshore**
 - **Possible Upland Placement**
 - **Beneficial Uses and Mitigation Placement**
 - **Estimate 3,000,000 CY of Rock**
 - **Blasting Allowed**

52/50' Dredge Project



Project Schedule

- 07/11 Design Complete
- 08/11 Advertise Contract
- 10/11 Receive Proposals
- 12/11 Award Contract
- 02/12 Notice to Proceed
- 03/12 Commence Work
- 03/14 Complete Work

Major Challenges

- **Lessons Learned from Previous Project**
- **Environmental Issues**
 - Offshore Dredged Material Disposal Site
 - Water Quality Certification
 - Turbidity
 - Corals
 - Caged Fish Studies
 - Marine Mammal Protection Act – Dolphins
 - Manatees
 - Sea Turtles
 - Seagrass
- **Funding Issue**
 - No Construction Funds in 2010, 2011?
- **Project Partnership Agreement**
 - Cannot Negotiate without Construction Funds
- **Infrastructure**
 - Sewer Main Replacement
 - Water Line Replacement
 - Fisher Island

Conclusion

- **Lots of Work**
- **Aggressive/Successful Sponsor**
 - Two Deepening Projects in 10 years
- **Panama Canal Opening in 2014**
- **The Project Will Happen**



Contact

Tim Murphy
Senior Project Manager
US Army Corps of Engineers
Phone #: 904-232-1671
jerry.t.murphy@usace.army.mil