DEEP DRAFT NAVIGATION PLANNING CENTER OF EXPERTISE

Wilbert V. Paynes
Chief of Planning and Policy
Director of the Deep Draft Navigation Planning Center of Expertise
South Atlantic Division
Atlanta, GA
27 January 2010
The Deep Draft Navigation Planning Center of Expertise was assigned to South Atlantic Division August 2003.

The Center is virtual - membership from expertise in Corps Districts and Labs.

Day-to-Day technical activities are conducted and managed by Mobile District.
Vision

Provide world class technical analysis and leadership in deep draft navigation planning to support USACE and the Nation recommendations for improvements.
Mission Responsibilities

- Perform complex economic studies
- Conduct and Manage Agency Technical Review
- Manage Independent External Peer Reviews
- Facilitate model certifications
- Provide planner training
- Strengthen planner competencies for Project Delivery Teams with technical expertise
- Provide Research and development support and advice
DDNPCX Organization

National Planning Advisory Board

South Atlantic Division Chief, Planning and Policy Director

Regional Planning Board

Day-to-Day Technical Execution

Mobile District

Core Virtual Members (Technical Experts)

Non Core Virtual Members (Practitioners)
Deep Draft Nav PCX – Key Technical Resources

- Curtis Flakes, Mobile – Technical Resource Leader
- Bernard Moseby, Mobile – Technical Deputy Director
- Johnny Grandison, Mobile – ATR /IEPR Coordinator
- Kim Otto, Bernard Moseby, Todd Nettles, Gloria Appel /Frank Reynolds – Center Planners / Economists
- Terry Stratton and Dr. Dave Moser - Economic Advisors
- Paul Bradley, Mobile – Environmental Advisor
- Todd Boatman, Mobile – R&D Liaison
- Leveraged other Expertise from across the Corps
  - Technical Subject Matter Experts
  - Policy Subject Matter Experts
  - Planner w/ Significant experience
DDNPCX Virtual Personnel

- Plan Formulation
- Environment
- Economics
- Engineering
  - H&H
  - Channel Design
  - Geotech
  - Cost Estimating
- Operations
- Real Estate
Active Projects

- Savannah Harbor, GA & SC
- Port Everglades, FL
- Gulfport Harbor Widening, MS
- Jacksonville Harbor, FL
  - Mile Point
  - Deepening GRR
- Manatee Harbor, FL
- Sabine Natchez WW, TX
- Western Lake Erie Basin Watershed Study
- Boston Harbor, MA
- Tampa Channel Widening, FL
- Canaveral Harbor, FL
- DMMP Bridgeport Harbor, CT
- Freeport Harbor, FL
- Wilmington Harbor, NC
- Houma Navigation Canal Deepening, LA
- Corpus Christi Ship Channel, TX
- Sacramento River Deep Water Ship Channel, CA
- Mobile Harbor Turning Basin, AL
- Approx 15 Peer Review Plans
Other DDNCX Activities

- Agency Technical Reviews
- Independent External Peer Reviews
- Model Certifications
- Technical Review Guide
- Deep draft navigation Manual Update
- Navigation Business Line Meetings
- Expansion of HarborSym Models
- Planning Associates (PA) Training
- Spreadsheet Model Certification Protocol
Deep Draft Navigation Projects and WRDA

- Boston Harbor, MA 2010
- Savannah Harbor, GA & SC 2010
- Sabine-Neches Waterway, LA 2010
- Houma Navigation Canal Deepening, LA 2010
- Port Canaveral (Sec 203) 2010
- Barbers Point Harbor, Oahu, HI 2011
- Port Everglades, FL 2011
- Jacksonville Harbor – Mile Point, FL 2011
- Freeport Harbor, TX 2011
- Jacksonville Harbor Deepening, FL 2012
- Manatee Harbor, FL TBD
- Portsmouth Harbor, NH TBD
- Searsport Harbor, ME TBD
- Tampa Harbor, FL TBD
FY 2010 Initiatives
DDNPCX

- Collaborate with Institute of Water Resources to advance development of Container Model
- Conduct DDN Workshop training with Corp expertise, industry and consultants
- Plan and Conduct webinars on DD Navigation policy issues
- Improve DDNCX webpage information for Project Delivery Teams
- Strengthen Relationship with Port Associations
DDNPCX Funding

- Direct Project Funds for review and consulting services as well as model certification.
- HQUSACE funding for development of guidance and training classes.
- R&D funding for field review.
- Funding for basic Center work major concern.
Deep Draft Navigation Study Challenges/Opportunities

- Establishing National Economic Development Project Benefits – data intensive process
- Working through environmental impacts
- Beneficial use of Dredging Material
- Integrated watershed plans
- Sustainable Development
- No Unresolved issues when presented to ASA(CW)
- Rigorous Review Process (internal & External to Corps)
QUESTIONS?

Deep Draft Planning Center of Expertise

www.sam.usace.army.mil/ddncx