Deep Draft Navigation
Planning Center of Expertise

Wilbert V. Paynes
South Atlantic Division
U.S. Army Corps of Engineers
My Presentation Today

- Mission
- Who we Are
- What have we done ---- Plan to do
- Center of Expertise Value Added
- How to Contact the Center
The Deep Draft Navigation Planning Center of Expertise was assigned to the South Atlantic Division in August 2003.

The Center is based in Mobile District with membership from Corps Districts and Labs having Deep Draft Navigation responsibilities.

Day-to-Day activities are managed by Mobile District.
DDNPCX Mission

- Support Project Delivery Teams
  - Supports Development of Quality Authorization Decision Documents
  - Manage/Conduct Independent Technical Review
  - Manage External Peer Review
  - Certify Deep Draft Models used during the project planning phase
  - Facilitate/Identify Corps Expertise to assist PDTs
- Deep Draft Navigation Expertise Training
- Support Research and Development
- Support Corps Budget Development
• Project Funds for Independent Technical Review, External Review, conduct of technical studies

• Funding of Model certification (varies)

• HQUSACE funds guidance development and training classes

• Research & Development funds technology transfer and field review
DDNPCX FY ’05 Accomplishments

- Independent Technical Reviews
- NETS Field Review Group
- Draft Review Guide
- NED Manual Update
- DDNPCX E-Mail List
- Participated in National Association of Port Authorities Meeting
- Navigation Business Line Meeting
- Expert Economic Advice
- Testing the HarborSym Model
- Groove Workspace
DDNPCX FY’06 & Current Initiatives

- Current ITR/Peer Reviews
  - Sabine-Natchez Waterway, TX
  - Tampa Harbor, FL
  - Houma, LA
  - Galveston Channel, TX
  - Savannah Harbor, GA
  - Coastal Louisiana Hurricane Study
  - Matagorda Channel, TX
  - Port of Iberia, LA
  - Mobile Harbor, AL
  - MRGO, LA
  - Palm Beach Harbor, FL
- Potential Reviews
  - DeLong Mountain, AK
  - Nawiliwilli Harbor, HI
  - Boston Harbor, MA
- Documenting Review Plans
- FY ’06 Planning Associates Class
- Consulting
  - Morgan City, LA
  - Port St. Lucie, FL
- Institute for Water Resources
  - Marine Transportation Study
  - NETS Field Review Group
  - HarborSym Training
- Model Certification
  - Review HarborSym Documentation
  - Review Deep Draft WAM Model
  - Spreadsheet Certification Process
  - Develop SOP for Implementing Model certification
- DrChecks Improvement Committee
Top Three FY 07 Objectives for the DDNPCX

1. Enhance relationship with Navigation Non Federal Partners and Stakeholders
2. Enhance & Broaden Relationships with Corps Districts and Divisions
3. Implement Planning Model Certification Guidance
DDNPCX Partnerships

- **ITR/Consulting** – Buffalo, Galveston, Jacksonville, Mobile, New Orleans, New York, Norfolk, San Francisco, Savannah, Vicksburg, Wilmington.
- **Field Review Group** – Buffalo, Mobile, New Orleans, Norfolk, Portland, San Francisco.
- **Technology Transfer** – Jacksonville, Galveston, Mobile, New Orleans, Detroit, Norfolk, New York, Wilmington, Charleston, ERDC, IWR.
- **R&D Activities** – IWR, ERDC
- **External Partnerships** – Georgia Port Authority, Mississippi State Port Authority, Alabama State Docks, Ports of Iberia, Houma & Morgan City, LA., American Association of Port Authorities, National Academy of Sciences.
DDNPCX Value

- Brings National Expertise to your project
- In-depth Understanding of Corps Policies and Regulation
- Costs equivalent to PDT costs
- Participates in Issue Resolution Conferences and CWRB
- Provides Consistency in Study Analysis and Methodology
- Credibility to Product through Independence
Communications Strategy for DDNPCX

- Deep Draft Planner Roster
  - Internal and External
- National and Regional Conference Participation
- Website / Groove Workspace
- Conference Display
- Publish Articles
  - Current PCX Activities
  - ITR Lessons Learned
- Brochures
- Meet with AAPA
How to Engage the DDNPCX

Wilbert V. Paynes  Director,  
DDNPCX    South Atlantic 
Division   USACE  
404 562-5220  
wilbert.v.paynes@usace.army.mil  

Kenneth G. Claseman Deputy  
Director, DDNPCX Mobile  
District   USACE  
251 694-3840  
kenneth.g.claseman@usace.army.mil
How to Engage the DDNPCX

www.sam.usace.army.mil/ddncx
DDNPCX Work Plan

- Administration
- ITR / Consulting
- Model Certification
- Training
- Research & Development
- Communications
DDNPCX Personnel

- Plan Formulation
- Coastal Environment
- Economics
- Engineering
  - Hydrology & Hydraulics
  - Channel Design
  - Geotechnical
  - Cost Estimating
- Operations
- Real Estate