OUR ROLE

- Provide inland navigation planning consulting services
- Conduct key analytical elements of inland navigation planning studies
- Provide independent technical review (ITR) of inland navigation planning products
- Play a major role in establishing research and development priorities for inland navigation planning
- Participate in and develop inland navigation planning training
- Develop and manage a program of 'lessons learned' by sponsoring workshops, technology transfer, and web-based support
- Enhance planning expertise by providing developmental opportunities

National Planning Centers of Expertise

Technical Contacts

Deep Draft Navigation (CESAM-PD-FE)
Ken Claseman
(251) 694-3840
http://www.sam.usace.amy.mil/ddncx

Ecosystem Restoration (CEMVD-RB-T)
Dr. Dave Vigh
(601) 634-5854
http://el.erdc.usace.army.mil/ecocx/

Flood Damage Reduction (CESPD-PD-TP)
Clark Frentzen
(415) 977-8164
http://www.iwr.usace.army.mil/floodweb

Hurricane & Storm Damage Prevention (CENAD-CM-PP)
Larry Cocchieri
(718) 765-7071
http://www.nad.usace.army.mil/

Inland Navigation (CELRH-NC)
David A. Weekly
(304) 399-6955
http://inlandwaterways.lrh.usace.army.mil

Water Management and Reallocation (CESWD-PDT)
Kevin Craig
(469) 487-7045

US Army Corps Of Engineers

US Army Corps of Engineers Planning Center of Expertise for Inland Navigation

Center of Expertise Inland Navigation

The U.S. Army Corps of Engineers (USACE) Planning Center of Expertise for Inland Navigation (CXIN) was established as a regional center in 1981 by the Ohio River Division, now known as the Great Lakes and Ohio River Division (LRD).

The U.S. Army Corps of Engineers Director of Civil Works designated LRD's Navigation Planning Center as the National Planning Center of Expertise for Inland Navigation in August, 2003. It is one of several national centers of expertise to support the accomplishment of planning studies for inland navigation, deep draft navigation, ecosystem restoration, hurricane and storm damage prevention, water supply and reallocation, hydropower and flood damage reduction.

MISSION SUMMARY

The National Planning Center of Expertise for Inland Navigation (CXIN) was established to support the Corps planning program at the national level. The Center supports Project Delivery Teams in the accomplishment of planning studies that are nationally significant, complex, large in scope and/or are controversial. The purpose is to develop, maintain and apply the best and most appropriate national and regional expertise and science and engineering technology to the planning of inland navigation projects across the Nation.

The primary mission of the CXIN is to improve the quality and timeliness of Corps inland navigation planning studies and products. All aspects of the navigation program benefit from the activities and capabilities of the CXIN. While the Center is vital for successful completion of feasibility reports and project authorization, its support of PED, construction and O&M activities is equally important.

SERVICES

- Market Surveys
- Resource Evaluation
- Economic Forecasting
- Rate Analysis
- Systems Modeling
- Lock Utilization & Capacity Analysis
- Risk & Reliability Analysis
- Externalities of Water Transportation
- Environmental Impacts of Tow Traffic
- Regional Economic Development (RED) Models
- Information Sharing

SAMPLE PRODUCTS

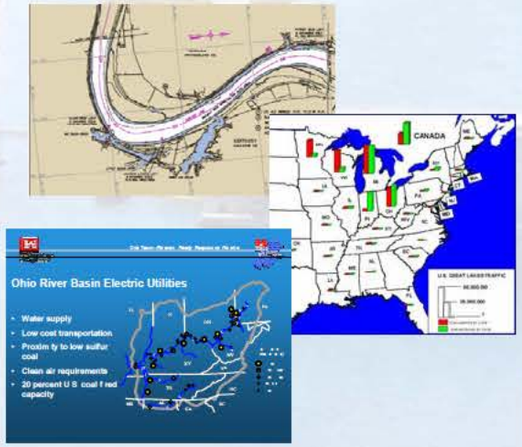
- Chickamauga L/D Feasibility Report
- Chicago L/D Rehabilitation
- Great Lakes Navigation Review
- Ohio River Navigation Investment Model (ORNIM)
- Forecast of Ohio River Basin Traffic Demands
- Modal Impacts—Ohio River Basin
- Upper Mississippi ITR
- Panama Canal Study
- Shipper/Carrier Response to the 2003 Greenup Main Lock Closure

http://www.corpsnets.us

NAVIGATION OUTREACH

Navigation Information System:

http://outreach.lrh.usace.army.mil



- Industry Profiles
- Project Profiles
- Basin & River Profiles
- Maps & Charts
- Great Lakes Profiles