

# Corps Navigation Mission

Provide **Safe**,reliable,efficient,effective and environmentally sustainable waterborne transportation systems for movement of commerce, national security needs, and recreation.



# Risk & Reliability Workshop

## August 15 - 18, 2006



Helping to Further the Partnership between  
Industry, Corps, and the Nation



# Risk & Reliability Workshop

**Goal: To Develop a Framework for Action on How the Corps can more effectively implement Asset Management for the entire portfolio of Corps assets from the Navigation Business Line**



# 5 Issues for Navigation

- **Lack of Tools to use to calculate R&R within AM**
- **Define Policy, Process, and Procedures to define limit state and standardize language to systematically calculate R&R**
- **No Centralized database**
- **Training and Qualifications**



# Why

- **Lack of Tools to use to calculate R&R within AM**

**Uniform tool to standardize the calculation of R&R**

**To objectively prioritize funding corporately**



# Why

- **Need for Policy, Process, and Procedures to define limit state and standardize language to systematically calculate R&R**

**This is needed to defend prioritize and rationalize programs necessary to develop appropriate R&R data and tools**



# Why

- **A Standardized Database that is centrally located for R&R data across business lines**

**To provide a uniform foundation to communicate and measure performance metrics and future developments**



# Why

- **Training and Qualifications**

**To ensure that everyone has a uniform corporate vision and direction.**

**To develop and sustain a consistent R&R capability into the future.**



- **The current status of Inland Navigation R&R Tool to be used in Asset Management.**

**Need to define USACE policy, procedure, and process to develop tools (data) to establish effective and accurate R&R implementation to ensure future sustainability of Inland Navigation Assets**



# Gaps

- **Lack of standards and Criteria**
- **Gaps in data collection/useage**



# Team Members

- Michael Winkler
- Peggy VanNorman
- Mark Hammond
- Tim Smith
- Rich Lockwood
- Bruce Barker
- Mike Kidby
- Anjana Chudgagr
- Guillermo Riveros
- Rick Theobold
- Stephen Stole
- Todd Bridges
- Col Alan Estes





# Questions

