

MEMORANDUM FOR RECORD

**SUBJECT: LRD Inland Navigation Community of Practice (Cop) Teleconference,
13 April 2006 from 11:00 am -12:15 pm.**

Attendees: Paul Hanley, Tab Brown, LRD; David Weekly, Wes Walker, Bud Langdon, Mark Hammond, Tim Smith, Rusty Nida, Sharon Weekley, LRH-NC; Chris Dager, TVA; Rich Manguno, MVN; Gary Wickbolt, LRC; David Wright, LRE; Gloria Appell, SWG; Bruce Lambert, Mark Lisney, Keith Hofseth, David Grier, IWR; Becky Moyer, Bruce Carlson, HQ; Jeanine Hoey, LRP

PCXIN Director's Issues - Tab Brown

- Continue to engage CoPs
- ID Talent and build database roster for Inland Nav
- Open line of communication
- Value of PCXIN
- Groove site to exchange info
- Workload: 4 new planning ECs – model certification
- LRD issues – ORMSS: interest groups challenging Corps integrity and the methodology, forecasting, and inputs used in our models.

FY06 Nav Work

PCXIN FY06 - D.Weekly

- Paul Hanley is retiring 3 June 2006

NETS FY06 - K.Hofseth

- WAM BPP transit time curves (Sharon Weekley and Mark Lisney)
- LPMS Animation: LPMS Data in 3-D
- ORNIM model
 - alternative shape demand curves (Buddy Langdon)
 - coal survey (Dale Kelz)
- NAV model: Navigation System Simulation
- event scanning model
- design document
- independent peer review
- Leads: Mike Bronzini, Donald Sweeney, and Arlene Dietz
- Incorporate Nav SIM with WAM
- Genetic Algorithms for optimal Life cycle (Dr. Wang)
- Model Certification: NETS tool
- Adaptive Management for the Upper Miss
- Scope of Work for Huntington District
- Harbor Sym Model

CONFERENCES

Planning CoP Conference 9-11 May - B. Carlson

- San Francisco
- Nav applications and issues
- Deep draft
- List of model needed
- Resources: need PCXIN help
- Conference detail in “Planning Ahead website”
- Inland nav issues need to be broadcasted

- Model certification issues
- Teleconference next week with PCXIN to discuss Senior Leaders Conference 17-21 Apr - D. Moser (skipped)

LRD Nav Planning Symposium 24-25 May - P. Hanley

- LRD Navigation Planning Symposium 24-25 May
 - changing the agenda
 - opening presenter needed
 - discussion groups to explore state of navigation analysis
 - navigation resources: time, funding, and staff needs
- LRD Symposium to include:
 - 1) Databases
 - 2) Risk and Uncertainty
 - 3) Comprehensive System Benefit Evaluation (presenter needed)
 - 4) Models
 - 5) Research
 - each theme will be 1 hr block with 20 minutes for presentation, 20 minutes for discussion and 20 minutes for general group discussions.
 - Draft agenda will be distributed 17 Apr.
 - Review CoP capabilities, rehabilitation costs, Project values, jobs generated, and identify gaps of PCXIN abilities.
 - Bruce Lambert recommended bringing other interested parties into discussions. Maybe include OMB to discuss how Corps works rather than just policy issues.

STUDY UPDATES

ORMSS Update – T. Brown

- \$50 mil study
- System Investment Plan (SIP)
- Upper Ohio locks
- Middle and lower Ohio locks: 1200’ and 600’ locks, and TWIN 1200’
- Long term plan
- Feasibility study: Upper Ohio (2010)
- Major rehabs (some after 2020)
- Recommendation for ecosystem restoration
- Upper Ohio comprehensive study

- Programmatic Impact Statement
- Cumulative Effects Assessment
- Major General Riley ? brief committees (House/Senate)
- Draft report for public review
- D. Greer US waterways users board
- Public meeting for each state along Ohio River

GLSLS Update - D. Wright

- BiNational (Transport Canada and LRD)
- 7 Canadian agencies
- SLS and GL system
- Use other System model
- Preliminary funding and draft documents
- Final product – Spring FY07 (steering committee)
- Recon : BiNational product
- Engineering: Risk and reliability (Canada and US)
- Economics Team (Transport Canada)
- Project future traffic levels
- New vessels and cargo movements (container traffic)
- Late summer – engineering results give to economics team
- Develop one set of models
- Environmental issues to be included in nav infrastructure: dredging, shoreline erosion, and O&M plans.
- SLS Development Corporation: expansion of seaway not viable option

UPPER OHIO (EDM) - Jeanine Hoey

- EDM's first feasibility study
- 3 yr struggle with funding
- \$1.2 mil this year
- need congressional ad to continue with study
- aging infrastructure: 70-84 yrs old locks
- small auxiliary chambers
- engineering team to put EDM movements into GIS database
- model certification
- project management plan (PMP) update: Pittsburgh team
- need Regional team to keep study in budget

UMR-IWW - Rich Astrack

- Re-evaluation
- 5 yr time frame
- PDT phase
- ITR
- External peer review
- NETS model
- Demand curves
- PED design

- Final product – Re-evaluation report (3 ½ yrs)
- Initial analysis: interim report will not include mitigation, plan formulation, and optimization. Use newer models and data for forecasting, surveys, and demand curves.
- Econ team to take lead
- Model certification issues
- ITR and external peer review (PCXIN to take lead)
- POC is Wes Walker

OTHER INLAND NAVIGATION ISSUES

NAD - J. Vietri (skipped)

NWD - C. Newcomb (skipped)

SAD - K. Claseman (skipped)

SPD - C. Frentzen (skipped)

SWD - G. Appell

- Gulf Intercoastal Waterway GIWW
- Minor modifications
- Change in O&M costs
- Sec 216 Flood Control Act
- Modifications to existing projects: no deepening or widening
- Not much funding available

TVA - C. Dager

- Reebie – railcosting model - Global insight
- Beta testing
- Graphical to depict LPMS lock usage: time of day, seasonality
- WCSC 2005 data to be available
- Waterway to waterway and state to state flows.
- Work efforts: Ohio River Study
- EDM study: Transportation Rates, externalities, short and long term
- Upper Miss – Re-evaluation (8-10 months)
- MIPR funds
- NETS modeling data: Rail and inland barge data
- 5 digit zip codes for the docks

Other CoP issues: Tab Brown

- Reach out to PCXIN
- QC remaining B/C ratios
- ITR
- Determine workload for model certification (get right people)

Becky Moyer, HQ “Grand Hope model”

- EC – ASA putting high priority on heavy exports to reduce trade deficit
- Deep draft lessons learned (peer review)

- PCX's to work with HQ

Tab Brown:

- interface with industry (MVD, LRD, & HQ)
- concept risk & reliability
- waterway evaluation
- Inland Nav Cop
- 5 yr development plan
- reliability based budgeting
- NET meeting: Sandra Knight
- Asset management plan: J. Barnes chief Ops
- Exec order 13327: NASA, FinMaxima model ?

Sharon Weekley, LRH-NC
Industrial Engineer