



# 2012 LOCKS MAINTENANCE WORKSHOP

## Paducah, Kentucky

US Army Corps  
of Engineers  
Louisville District

### Meeting Agenda

#### 28 February 2011 - Tuesday

**(Central Time)**

		<b>Speaker</b>
0800 - 0825	Welcome, Administrative Details, and Introductions	John Cheek Great Lakes and Ohio River Division
0825 - 0840	Welcome to the River Discovery Center	Julie Harris River Discovery Center
0840 - 0900	Welcome to Paducah	Fowler Black Paducah Convention & Visitors Bureau
0900 - 0930	Background, Purpose, and What to Expect This Week	Bill Chapman Great Lakes and Ohio River Division
0930 - 1010	<b>Break</b>	Group
1010 - 1030	Vessel Self-Spotting Initiatives	Jean-François Villeneuve St. Lawrence Seaway Management Corporation
1030 - 1100	SMART Gate - Structural Health Monitoring on Miter Gates Underwater Acoustic Imagery Developments	Bruce Barker Engineer Research and Development Center
1100 - 1130	Black Rock Lock - Replacement Lock Controls	Ed Gawarecki Buffalo District
1130 - 1300	<b>Lunch</b>	Group
1300 - 1330	Subchapter M Requirements	Tim Keyser Marine Design Center
1330 - 1350	Link Pin Replacement at Murray Lock and Dam	Mike Bagley Little Rock District
1350 - 1430	Lockport Wall Collapse	Andrew Barnes Rock Island District
1430 - 1500	<b>Break</b>	Group
1500 - 1520	Reducing Green House Gas Emissions PRIP Update	Bob Leitch Headquarters
1520 - 1540	HQ's Maintenance Management Initiative (National FEM Utilization Plan)	Rick Granados Mississippi Valley Division Larry Homich Pittsburgh District
1540 - 1610	LRD FEM PgMP and Lock Maintenance Standard for Repair Party Activities	Larry Homich Pittsburgh District
1610 - 1710	Group Discussion Navigation Structures Program Hydraulic Cylinder Position Measurement Automated Lock Condition Monitoring Composite Materials for Maintenance and Repair Miter and Quoin Block Backing Materials	Stuart Foltz, Richard Lampo, Larry Stephenson, Jonathan Trovillion, John Hite, and Vicki VanBlaricum Engineer Research and Development Center Tom Hood Headquarters
	Navigation Structures Program	John Hite, ERDC and Tom Hood, HQ USACE
	Composite Materials for Maintenance and Repair	Rich Lamp, ERDC
1710 - 1715	Review and Conclusion - Dinner Options / Things To Do / Paducah 101	Ross Woodbury Louisville District

#### 29 February 2011 - Wednesday

0800 - 0900	Non Destructive Inspection of Existing Trunnion Rod Anchors	Darrin Holt FDH Engineering
0900 - 1000	Seamen's Church Institute	Greg Menke Seamen's Church Institute

1000 - 1115	Olmsted Dam Construction	Bill Gilmour Louisville District
1115 - 1130	Prepare for Site Tour	Group
1130 - 1700	Site Tour of Olmsted Dam Construction (Depart museum on bus, lunch on the way)	Group
1830 - 2030	Group Dinner (optional) - Patti's 1880's Settlement, Grand Rivers, KY	Group

**1 March 2011 - Thursday**

0800 - 0830	IMTS Maintenance Activities Update	Dave Johnson Inland Marine Transportation System John Cheek Great Lakes and Ohio River Division
0830 - 0900	High Water at Lock 2	Bill Gray Little Rock District
0900 - 0930	Montgomery Point Lock and Dam Maintenance Dewatering Structure	Blake McCord Little Rock District
0930 - 0950	<b>Break</b>	Group
0950 - 1010	Lock 19 Crane Incident and Recovery	Aaron Dunlop Rock Island District
1010 - 1020	Lock 20 Crane Incident and Recovery	Dennis Shannon Rock Island District
1020 - 1040	Installation of New Standard Miter Gates at Lock 21	Aaron Dunlop Rock Island District
1040 - 1100	Flood Proofing of Lock Control Stands	Dennis Shannon Rock Island District
1100 - 1130	3-D Printing	Jake Pauley Huntington District
1130 - 1300	<b>Lunch</b>	Group
1300 - 1330	Rehab of Miter Gates Coated with Red Lead Paint	Mike Zerbonia Rock Island District
1330 - 1415	Meldahl Locks - Miter Gate Change Out and Embedded Wall Quoin Rehabilitation	Steve Hann Huntington District
1415 - 1435	<b>Break</b>	Group
1435 - 1535	Markland Locks - Miter Gate Change Out and Embedded Wall Quoin Rehabilitation	Craig Moulton and Kevin Vessels Louisville District
1535 - 1605	Evaluation of Embedded Wall Quoin Rehabilitation Methods	Ross Woodbury Louisville District
1605 - 1620	<b>Break</b>	Group
1620 - 1655	Winfield Locks - Anchorage Replacement	Scott Kinzel Huntington District
1655 - 1715	Security System Rehab	Mike Barbour Huntington District
1715 - 1750	Arc Flash Overview John Day Electrical Controls Upgrade	Duncan Kwong Portland District
1750 - 1800	Review and Conclusion	John Cheek Great Lakes and Ohio River Division