

REGIONAL SEDIMENT MANAGEMENT
MOUTH OF THE COLUMBIA RIVER LITTORAL CELL

MARCH 21, 2006

Location:

Port of Portland
Commission Room (Main Floor)
121 NW Everett St
Portland, OR

AGENDA
10:00 AM – 2:30 PM

10:00 – 11:10

Introduction – Tim Kuhn and Doris McKillip (via phone), Corps of Engineers (5 minutes)

Mega-transect Data Collection (with recognition of all of the organizations who made it a success) and the MCR Littoral Cell – What We Have Learned – Hans (Rod) Moritz, Corps of Engineers (20 minutes)

Delft-3 Model and RSM Applications (Including important discoveries for modeling sediment transport) – Guy Gelfenbaum, U.S.G.S. (20 minutes)

Regional and Local Modeling at MCR in Support of Channel Maintenance and Jetty Modification – Julie Rosati, ERDC (10 minutes)

Break (11:10 – 11:20)

11:20 – 12:30

ARGUS at North Head, WA – Digital Imaging for Decision Making – Joan Oltman-Shay, NWRA (15 minutes)

Nearshore Beneficial Use Site – South of the South Jetty – Dale Blanton and Greg McMurray
Ocean and Coastal Management Program, Oregon Department of Land Conservation and
Development (Lower Columbia Solutions Group) (15 minutes)

Data Collection for Washington Littoral Drift Restoration – SW Coastal Communities, Phil Osborne, PIE (20 minutes)

Lunch Break (12:30 – 1:30)

1:30 – 2:30

National RSM Perspective – Charley Chesnutt, Corps of Engineers, Institute for Water Resources

Discussion of the future of RSM in the MCR Region– All

Notes from afternoon Discussion

National RSM Perspective – Charley Chesnutt, Corps of Engineers, Institute for Water Resources and Discussion of the future of RSM in the MCR Region

Following is a summary of comments made during the afternoon discussion:

1. How is RSM program addressing issues such as global warming?

Charley noted that the scientific work being done in conjunction with collaboration effort will provide the opportunity to apply adaptive management to the MCR. This would provide a means to consider issues such as global warming.

2. Who is responsible to fund all the work that is needed at the MCR?

Discussion covered range of perspectives. Can't just be the Corps—needs collaborative approach with all interested parties contributing to the best regional solution.

3. Lower Columbia Solutions Group—Good approach to further collaborate and address policy issues.

4. Technically the MCR region is complex, temporally and spatially and will require significant data collection in order to make better regional decisions regarding sediment and be able to adapt over time.

5. Other agencies/groups need to grow and fund data collection.

Charley noted three levels of collaboration/alliance building. A. WA and OR (MCR); B. WA, OR, CA (ecosystem); and C. OR, WA, CA, Alaska, Hawaii (Pacific Ocean).

6. Need to think about dredge material as a resource rather than something to dispose. State of WA working that way.

7. Corps can't go it alone. Partnering w/ others including the states is critical. Solutions won't come from DC.

8. Not all benefits/costs of sediment management alternatives captured (lifecycle costs/benefits, all accounts).

9. Funding the next steps and continuing technical work and collaboration. Will require support from the entire region.

10. Opportunities to improve MCR demonstration project? Charley indicated no. Eventually could look at the decision making model being developed in LA District, spend time inventorying sediment from all sources, types.