

**National Ocean and Coastal Mapping Inventory Workshop – “The Way Forward”  
12 and 13 January 2011  
Department of Commerce Boulder Campus  
National Geophysical Data Center  
325 Broadway  
Boulder, Colorado**

**Background**

In response to the U.S. Ocean Action Plan, the Interagency Working Group on Ocean and Coastal Mapping (IWG-OCM) began the development of a National OCM Inventory in September 2007 following a multiagency workshop in Charleston, SC. The charge from that workshop was to develop an inventory that would offer a clearinghouse for data and interpretive information, and a registry of completed and projected mapping activities via a single web portal. The inventory was envisioned to reduce duplication of mapping efforts and facilitate cooperative mapping activities and data accessibility. Consensus was reached to use Geospatial One-Stop (GOS) as the tool in which to build the inventory. The Ocean and Coastal Mapping Integration Act of 2009 additionally directed the Federal mapping community to develop an inventory of ocean and coastal mapping data.

Although much has been achieved over the past three years with respect to registering OCM metadata in GOS, for a variety of reasons we have fallen short in realizing the vision of an integrated and publically-accessible national mapping inventory. It is time to reassess how this community is to move this effort forward and to understand how we might leverage other ongoing data discovery, management and delivery activities to achieve this goal.

**Workshop Objectives**

1. Review requirement to develop a National Ocean and Coastal Mapping Inventory.
2. Review the goals, objectives and efforts that sprang from the Sept 2007 OCM Inventory Workshop, progress to date and lessons learned.
3. Review the holdings, capabilities and roles of the primary national OCM data repositories.
4. Review existing or developing national OCM data discovery and delivery activities and identify gaps, areas of overlap and opportunities to leverage these activities.
5. Reevaluate the requirements for a National OCM Inventory and identify next steps for moving forward in the development an integrated and publically-accessible National OCM Inventory.

**Participating Agencies**

Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE)  
Lamont-Doherty Earth Observatory (LDEO)  
National Ocean Council (NOC)  
National Oceanic and Atmospheric Administration (NOAA)  
National Park Service (NPS)  
National Science Foundation (NSF)  
U.S. Army Corps of Engineers (USACE)  
U.S. Geological Survey (USGS)

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### **Wednesday 12 January**

- 0830 Arrival and Coffee
- 0900 Welcome (Sue McLean, NOAA)
- 0915 Introduction, 2011 Workshop Goals and Objectives, 2007 Workshop Results, and OCM Inventory Background (Roger Parsons, NOAA)
- 1000 IWG-OCM Inventory Project – Progress and Lessons Learned (Fran Lightsom, USGS)
- 1030 Break
- 1045 Data.gov and Geospatial One-Stop (Rob Dollinson, USGS)
- 1115 National Information Management System and Coastal and Marine Spatial Planning Data Portal (Mary Boatman, NOC)\*
- 1200 Lunch Break (off-site)
- 1330 The National Map (Rob Dollinson, USGS)
- 1400 NSF/UNOLS Rolling Deck to Repository Program (Bob Arko, LDEO) \*
- 1430 Multipurpose Marine Cadastre and Digital Coast (Josh Murphy, NOAA)
- 1500 Facilitated Discussions:
- Do we understand the goals, approach and past efforts of the IWG-OCM to develop a National OCM Inventory? Are these efforts working? If not, why and what needs to be changed?
  - Are there gaps, areas of overlap and/or opportunities for coordination between the major efforts presented today? If so, what features of these efforts and approaches being taken may be useful in the development of the OCM Inventory?
  - Are there other data systems, including specific regional systems, which we should also consider as potential partners?
- 1700 Final Thoughts for the Day - Adjourn
- 1830 Dinner at Boulder Restaurant

\* Remote Presentation

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### **Thursday, 13 January**

- 0800 Arrival and Coffee
- 0830 Recap of Day 1 Discussions (Roger Parsons, NOAA)
- 0845 National Oceanographic Data Center Repository (Don Collins, NOAA) \*
- 0915 National Geophysical Data Center Repository (Sue Mclean, NOAA)
- 0945 Joint Airborne LiDAR Bathymetry Technical Center of Expertise (JALBTCX) Topo/Bathy Data (Charlene Sylvester, USACE)
- 1015 Break
- 1030 National Archive of Marine Seismic Surveys (Jon Childs, USGS) \*
- 1100 NOAA Coastal Imagery (Chris Parrish, NOAA) \*
- 1145 Lunch Break (On-site Delivery)
- 1300 Earth Resources and Science (EROS) Center Repository (Gayla Evans, USGS) \*
- 1330 Facilitated Discussions:
- Have we identified the major repositories for OCM framework data types?
  - Do we understand the capabilities of and services offered by these repositories? What characteristics of these repositories need to be considered in developing the OCM Inventory?
  - Are there major gaps in OCM data stewardship and services in light of the previous days' presentations and can these gaps be addressed with or without new resources?
  - Are the OCM framework data layers sufficient to meet near-term needs of emergent requirements (e.g., CMSP)? If not, how should this gap be addressed?
  - What are the next steps in moving forward in a coordinated fashion in the development of the OCM Inventory and who needs to be involved?
- 1600 Final Thoughts (Fran Lightsom, Sue Mclean and Roger Parsons) - Adjourn

\* Remote Presentation