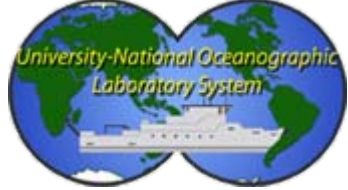


UNOLS DATA COMMITTEE UPDATE



Robert Arko

NSF Advisory Committee
October 23-24, 2007



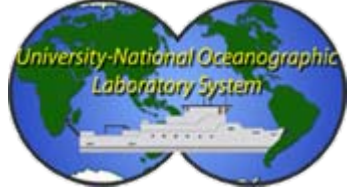
UNOLS - OVERVIEW

Chartered in 1972, consortium of 62 academic institutions + national laboratories involved in oceanographic research.

Coordinates ship schedules and research facilities -

- 23 academic ships in 5 classes (global->local) at 18 institutions plus 1 NOAA ship and 3 USCG icebreakers
- 3 CIRPAS aircraft
- 3 NSDF submersibles

Office currently at MLML (Moss Landing, CA). Council Chair Marsha McNutt, Executive Secretary Mike Prince.



DATA MANAGEMENT BEST PRACTICES

UNOLS - DATA COMMITTEE

Ad Hoc Committee chartered by Council, March 2007.

Charge: *“Report to the Council on current community-wide best practices in data and metadata capture when collecting data at sea.”*

Term: 1 year.

Members:	Arko, Robert	LDEO (Co-Chair)
	Case, Jim	UNH
	Chandler, Cyndy	WHOI
	Chapman, Piers	TAMU
	Fanning, Bill	URI
	Forcucci, David	USCG
	Graybeal, John	MBARI
	Johnson, H. Paul	UW
	Measures, Chris	UH
	Mendelssohn, Roy	NOAA
	Miller, Steve	SIO (Co-Chair)
	Smith, Shawn	FSU



DATA MANAGEMENT BEST PRACTICES

DATA COMMITTEE - OPERATION

E-mail list

Web portal data.unols.org

Telecons

Meetings of opportunity

A screenshot of a web browser displaying the agenda for a meeting. The browser's address bar shows the URL <http://data.unols.org/meetings/2007-09-28/agenda/>. The page features the UNOLS logo and the title "DATA MANAGEMENT BEST PRACTICES". A navigation menu includes links for Home, Events, News, Meetings, Charter, Reports, Initial Survey, Agency Goals and Mandates, and Related Community Initiatives. The main content area is titled "Agenda" and lists the following details:

- Friday September 28, 1100 PDT (1400 EDT)**
- UNOLS Ad-Hoc Committee on Data Management Best Practices**
- Project Kickoff Teleconference**
- Logistics**

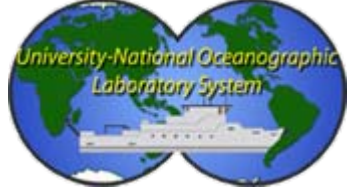
A table on the right provides specific meeting information:

what	Meeting
when	2007-09-28 from 11:00 to 12:00
where	1-800-531-3045
contact name	Stephen Miller
contact email	sjmiller@unols.edu
contact phone	1-858-534-1898
add event to calendar	iCal Windows , iCal Mac OS X

The agenda also includes a list of items to be discussed:

- The draft charter (http://data.unols.org/charter/Data_Practices_terms_of_ref.doc/view)
- The draft report on the survey (http://data.unols.org/initial-survey-of-data-management-issues/Survey_response_discussion.doc/view)
- The Committee Categorization (http://data.unols.org/initial-survey-of-data-management-issues/Committee_categorization.xls/view)

Additional text on the page states: "Our first phone/web conference is scheduled for Friday, September 28th. The conference will begin at 11:00 am (West Coast), 2:00 pm (East Coast). To participate in the conference: Dial [1-800-531-3045] and enter the Passcode 8042845, followed by the # key. Participants that dial in before the host (Mike Prince) will be on music hold until the host joins. Web conferencing will be used to view committee documents during our discussion. The service is available for log-in 10 minutes prior to the conference start time (please sign-in early so that we can begin at 11:00 am PDT). Please note: The web conference service will NOT work with Netscape, but does work with Safari and other browsers. Instructions for entering the web conference follow:"



DATA MANAGEMENT BEST PRACTICES

DATA COMMITTEE - CALENDAR

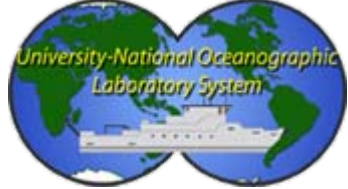
09/05 - launch Web portal

09/28 - kickoff telecon - introductions, survey, review charter and scope

10/11 - report to Council

11/06 - report to RVTEC

12/12 - Fall AGU meeting



DATA COMMITTEE - INITIAL ACTIVITIES

1. Refine our charter.

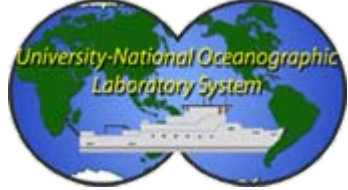
“Report on best practices for data and metadata capture at sea and make recommendations for improvements”.

Approach: broadly top-down, not detailed bottom-up.

2. Define our audience - the UNOLS community.

- Platform operators
- Data producers (both acquisition and processing)
- Data managers
- End users (researchers, students,...)

3. Survey of priorities.



DATA COMMITTEE - SURVEY

Top issues:

- Shipboard metadata creation
- Shipboard data quality control
- Shoreside quality control

Mid-level issues:

- Dissemination to repositories
- Shipboard archiving and copying
- Shipboard data access
- Shoreside data access

Other issues:

- Data transport to shore
- Foreign clearance requirements
- Dissemination to scientists