

Z-GRAM 9 November 2007

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The Z-gram- IOOS is an informal way of keep you up on what's going on in our NOAA IOOS Office and NOAA IOOS activities. Please advise of additional addrees, or if you are receiving and no longer want to receive. If you think other could benefit from the Z-gram please pass it on.

**Organize for success:**

- Program Office Stand up: **No change.**
- FY08: With the first continuing resolution (CR) due to expire next Friday (November 16th), Congress today acted to address the need for another stopgap measure during the Defense appropriations conference. During negotiations on the Defense bill earlier today, the conferees agreed by voice vote to include a continuing resolution providing funding through Dec. 14, 2007.
- FY09: **No Change.** Briefing to OMB will be posted on the new web site within several weeks.
- FY10-14: **No Change.** Programming phase continues which requires attention and resources..
- NOAA IOOS Program Office Strategic Plan: Comments have been adjudicated and we have sent our plan to LMI for final copy and edit. We will publish the plan and comment adjudication matrix within the week.
- NEP Briefing: Scheduled for 14 November.

**Initial Operating Capability - Data Integration Framework (DIF)**

- Bumper sticker: Data Integration Framework - First 12 months effort focused on integrating core variables has begun. The clock started 1 Feb 2007.
- Legal Issues on path forward regarding involvement of non-federal participants in activities like DMAC Steering Committee: No change.
- Standards Process: Standards Statistics; Registered users: 60  
Agencies of registered users: NASA, NCAR, MMS, MIT, WHOI, UNC, EPA, U. of Alabama, Raytheon, Rutgers, Unidata, GoMOOS, GCOOS, CDMO, Battelle, Alaska OOS  
Number of Standards at Submitted Status: 7  
Standards functional categories being addressed are Data Transport, Metadata, Data Discovery, QA/QC  
Standards sponsors include NASA, QARTOD, NOAA.
- What the DIF?: **No Change.**

**IWGOO:** Next meeting 19 December

- Bill Birkemeier provided a National Waves Plan update that was well received; Ocean.US provided an activities report that included DMAC, MAST, report out on the MDA conference. We then spent time with Ocean.US and then with the Principals discussing the best business model for interagency coordination,

- The IWGOO Strategic Plan is still under review by ICOSRMI. NOAA Ocean Council (NOC) provided comments by 31 October. IWGOO still intends for the Strategic Plan to be released for public comment after ICOSRMI approval.

**Collaboration** :(projects will stay on the email through to completion)

- Bathymetric collection California and Interagency Partners: **No Change**. On 25 October, the California Ocean Protection Council (OPC) approved a \$15M dollar expenditure for the California Seafloor Mapping Program (CSMP) for seafloor mapping activities within California state waters. Pursuant to this authorization, OPC will develop agreements with 1) NOAA for seafloor mapping data collection, data archiving and survey vessel support; 2) California State University Monterey Bay for data collection, data management, and product development; and 3) U.S. Geological Survey's Coastal and Marine Geology Program for data collection, ground-truthing, and sub-bottom profiling. The OPC has approved \$7.5M from its 2007/2008 fiscal year appropriation, and has indicated support for CSMP for an additional \$7.5M from the following year's appropriation to the Council. An ongoing dialog between the CSMP and NOAA's Office of Coast Survey, Coastal Services Center, National Marine Sanctuaries Program, and NOAA Fisheries Service will continue.
- Army Corps of Engineers collaboration on a National Waves Plan: Revise, request IWGOO and NFRA comments - Jan 08; Publish final second quarter FY08.

**Other:**

- 9 November: Central and Northern California Ocean Observing Program (CeNCOOS) using the State of California Coastal Ocean Currents Monitoring Program (COCMP) is providing a number of information products and services derived from HF Radar (HFR) systems to the assist in the San Francisco-Oakland Bay Bridge Oil Spill. COCMP sends HFR data to NOAA OR&R/Seattle for use in their GNOME model. COCMP also produces a number of web products (both measurement and models). In addition, a trajectory model animation using CODAR software was developed by COCMP and is broadly available for people who are working on this spill response. See [http://www.cencoos.org/currents/sf\\_node.htm](http://www.cencoos.org/currents/sf_node.htm)
- 9 November: I received a briefing from Noblis on the Chesapeake Inundation Prediction System (CIPS). This system began with Noblis research dollars. Noblis has worked with NOAA involvement on this prototype. Beginning with discussions with NOAA NWS Sterling on what they could use to support Emergency Managers. They listed Model forecast display, better models, automatic conversion (think datums), the installation of more sensors and a web that consolidated all of this. This was then reinforced by the principal findings from NOAA Storm Surge User Needs Assessment, Jan 2006, performed by NOAA's Coastal Services Center. CIPS brings together atmospheric models, hydrodynamic and hydrological models, databases (LIDAR, bathymetry),

observations, and visualization to give a representation of coastal inundation to the street level - that I in my travels have heard expressed as the requirements within the regions. The effort is focused on the Chesapeake area and has been focused on its ability to have predicted inundation that occurred when Hurricane Isabel passed over in 2003 and Tropical Storm Ernesto 2006. This is one of the Focus area 2 IOOS funded efforts. There are additional inundation efforts that were also funded in FY07. For NOAA IOOS, we will be working across NOS (CSC, CSDL), NWS and with our new Environmental Modeling Program on current community modeling efforts in this area so that we can together with our regional partners bring the best available capability to bear.

**Congressional:** Nothing to Report

- Still awaiting S950 to be reported out of the Senate

**Press:** Nothing to Report

**Upcoming:**

- 14 November: IOOS brief to the NEP
- 15 November: I will meeting with members of AOML and the Rosenstiel School of Marine and Atmospheric Science (RSMAS), University of Miami