

IWG-FI Activities Update to UNOLS Council

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National Ocean Policy Implementation Plan (NOPIP) Action Items

- Assess the capabilities for oceanographic ships to support multi-mission agency activities in the Arctic.
 - In Progress. Information being incorporated into the Environmental Response Management Application (ERMA). Will be a web portal with a google map display of real time ship locations for all UNOLS ships and a data set for emergency response managers. Will be password protected. Future update to reflect new IMO Polar Code which will have additional requirements for ships in Polar waters.

National Ocean Policy Implementation Plan (NOPIP) Action Items

- Complete an inventory of available Federal and non-Federal unmanned undersea vehicles (both tethered and autonomous) and satellite remote sensing systems.
 - In progress. Inventory of aerial systems has been completed. Undersea vehicle and satellite remote sensing systems inventories still being worked.

National Ocean Policy Implementation Plan (NOPIP) Action Items

- Complete analysis and selection of Fleet utilization performance measurements
 - In Progress. Fleet Metrics Subcommittee will finalize a report by December 2014.
- Evaluate a prototype Fleet Schedule Portal
 - In Progress – 90% complete. UNOLS Office is coordinating this effort.

National Ocean Policy Implementation Plan (NOPIP) Action Items

- Identify at-sea survey (oceanographic and living marine resource) and research mission requirements to support national science and data needs.
 - In progress – 30% complete. NOAA is leading this effort.

National Ocean Policy Implementation Plan (NOPIP) Action Items

- Identify observation priorities for all National Ocean Policy priority objectives that can be accomplished with unmanned and/or satellite remote sensing systems.
 - Complete. IWG-FI SUS and IOOC completed a review and developed a matrix for submission to the SOST.

National Ocean Policy Implementation Plan (NOPIP) Action Items

- Complete an analysis and selection of performance measurements for unmanned and satellite remote sensing system utilization
 - In Progress

National Ocean Policy Implementation Plan (NOPIP) Action Items

- Demonstrate capability for coordinated unmanned and satellite remote sensor sampling in a specific region of environmental interest as a step toward a fully operational capability
 - In progress

International Research Ship Operators Group (IRSO)

- Aodhan Fitzgerald (Ireland) Chair
- Bob Houtman (USA) Vice Chair
- 49 Organizations from 30 countries
- Annual Meeting Objectives:
 - Best practice design and operation of research ships and associated scientific equipment
 - The exchange of ship time and equipment between countries
 - Benchmarking and co-operation in support of marine research
 - Developments in national research fleets

International Research Ship Operators Group (IRSO)

- 2014 Meeting Nantes France hosted by IFREMER
 - RV Builds, Modifications and Performance
 - Manning, Safety and Training
 - Scientific Technology
 - Legal and Insurance
 - Cooperation and Outreach
- International Marine Technician Symposium
November 2014 in Corvallis, Oregon
- 2015 Meeting in San Diego hosted by
SIO/UNOLS/NOAA/NSF

Questions?