

**WOC-MEOPAR Smart Ocean/Smart Industries Workshop
Montreal, QC, Canada, May 27-29, 2014
DRAFT AGENDA**

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Smart Ocean/Smart Industries - Vision

Through the World Ocean Council (WOC) program on Smart Ocean/Smart Industries, leadership companies from a range of ocean sectors are collaborating with the scientific community in the systematic, regular, sustained and integrated collection and sharing of standardized ocean and atmospheric data. These data are integrated into operational and scientific programs that improve the safety and sustainability of commercial activities at sea and contribute to maintaining and improving ocean health.

Smart Ocean/Smart Industries - Goal

To facilitate and coordinate increased efforts by shipping and other ocean industries to collect and share ocean and atmospheric information.

Workshop Objectives

1. Develop a common understanding between and across business and the scientific community on the scope, scale and intent of existing voluntary observation programs, especially those in Canada.
2. Understand the key barriers to scaling up these programs, e.g. human capacity, resource needs, installation requirements, organizational structures, legal issues, etc.
3. Develop the structure and process for advancing voluntary observations in Canada.
4. Develop a strategic plan for the processing and sharing of the data.
5. Develop the roadmap and work plan for a pilot project in the Canadian Atlantic.

	TUESDAY, May 27
1700-1830	WELCOME RECEPTION - (details TBA)
	WEDNESDAY, May 28
Session 1 0830-1015	Introductory Plenary Overview of Voluntary Observation Programs and Technology
	<i>Session topics for consideration include:</i>
	Introduction to voluntary ocean and climate observations
	Overview of Smart Ocean/Smart Industries concept and workshop objectives and process
	The scientific need for voluntary ocean and atmospheric observations, including results from key contributions of ships and platforms, gaps, future plans
	Overview of voluntary observation programs and coordinating structures - ocean
	Overview of voluntary observation programs and coordinating structures - weather and climate
	JCOMMOPS Network technical coordination and data management
1015-1030	~ BREAK ~
Session 2 1030-1230	Voluntary Observation Programs: Status, Progress, and Lessons Learned for Scaling Up and Cross-Sectoral Applications
	<i>Session topics for consideration include:</i>
	Ship of Opportunity Program (SOOP) - oceanographic measurements
	Argo profiling float program and drifter program
	Data Buoy Cooperation Panel (DCBP)
	Overview of ocean observation technology and sensors
	Ocean observations and sound in the marine environment
	Ocean Carbon Flux Observations - IOCCP and ICOS
	FerryBox
	Ice Watch
	Continuous Plankton Recorder
1230-1345	~ LUNCH ~
Session 3 1345-1530	Industry Experience in Voluntary Data Collection and Sharing: Status, Progress, Cased Studies and Lessons Learned
	<i>Session topics for consideration include:</i>
	Shipping vessels and operations
	Oil and gas industry platforms and operations
	Fishing vessels and operations
	Aquaculture facilities and operations
	Tourism vessels and operations
	Crowdsourcing data from individual vessels
1530-1600	~ BREAK ~
Session 4 1600-1730	Breakout Groups: Parameters and Technologies for Multi-Sectoral Voluntary Observations
	Group A: Ocean observation parameters and technology needs and opportunities for both vessels and platforms
	Group B: Marine atmosphere/ocean surface observation parameters and technology needs and opportunities for both vessels and platforms

	THURSDAY, May 29
SESSION 5 0830-1030	Discussion: Parameters and Technologies for Multi-Sectoral Voluntary Observations
	Report back from breakout groups A and B
	Discussion on parameters and technologies for scaling up and coordinating multi-sectoral voluntary observation efforts
<i>1030-1100</i>	~ BREAK ~
SESSION 6 1100-1230	Breakout Groups: Data Considerations and Institutional Arrangements
	Group C: Data interoperability, communications, management and access Group D: Institutional and operational needs and options for a Canadian multi-sectoral program
<i>1230-1400</i>	~ LUNCH ~
Session 7 1400-1530	Discussion: Data Considerations and Institutional Arrangements
	Report back from breakout groups C and D
	Discussion on data considerations and institutional arrangements for scaling up and coordinating multi-sectoral industry observation efforts
<i>1530-1600</i>	~ BREAK ~
Session 8 1600-1730	Closing Plenary: Developing the Structure and Framework for Smart Ocean/Smart Industries in Canada Developing the Roadmap and Workplan for a Canadian Atlantic Pilot Project
	Structure and process for advancing Canada Smart Ocean/Smart Industries efforts
	Roadmap and workplan for developing the Smart Ocean/Smart Industries pilot project in the Canadian Atlantic
	<i>CLOSE OF WORKSHOP</i>