

WOC Smart Ocean/Smart Industries Workshop (Paris, 12-13 December 2011)

AGENDA

DRAFT version: 28 Nov 2011

(Agenda subject to change without notice)

Smart Ocean/Smart Industries - Vision

Leadership companies from a range of ocean industries are collaborating with the scientific community in the systematic, regular, sustained and integrated collection and reporting of standardized ocean and atmospheric data for input to 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 establish a platform/portal that facilitates and coordinates efficient, cost effective scientific and ocean observing community collaboration with shipping and other ocean industries in the collecting of 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.
2. Understand the key barriers to scaling up these programs up to an integrated global scale, e.g. human capacity, resource needs, structure, legal issues, etc.
3. Develop the principles, define the high level resource needs and structure for a global program* and outline the roadmap and workplan for moving forward.

*[*Global program to facilitate, coordinate and scale up the efficient, cost effective ocean and atmospheric information collection by a growing number and range of vessels and platforms for ocean and weather/climate observations]*

12 DEC	MONDAY
Session 1 0900-1030	Introductory Plenary Overview of Voluntary Observation Programs and Technology
<i>Chair</i>	Paul Holthus, World Ocean Council
0830-0900	Registration
0900-0910	Welcome - Wendy Watson-Wright, IOC Executive Secretary and Assistant Director General, UNESCO
0910-0920	Welcome and introduction to Maersk interest in ocean and climate observations - Eskild Sorensen, A.P. Moeller-Maersk
0920-0930	Overview of Smart Ocean/Smart Industries concept and workshop objectives and process - Paul Holthus, World Ocean Council
0930-0950	The scientific need for voluntary ocean and climate observations, including results from key contributions of ships and platforms, gaps, future plans - Albert Fischer, IOC
0950-1010	Overview of voluntary observation programs and coordinating structures - oceans - Candyce Clark, NOAA and Albert Fischer, IOC

1010-1030	Overview of voluntary observation programs and technology and coordinating structures - marine atmosphere/ocean surface - Sarah North, UK Met Service
1030-1050	~ BREAK ~
Session 2 1050-1230	Voluntary Observation Programs: Status, progress, and lessons learned for scaling up and cross-sectoral applications
<i>Chair</i>	Anne Walls, BP
1050-1110	Overview of ocean observation technology and sensors - Mario Tamburri, Alliance for Coastal Technologies
1110-1130	Ship of Opportunity Program (SOOP) - oceanographic measurements - Joaquin Trinanes, NOAA
1130-1145	Argo float program - Mathieu Belbeoch, JCOMMOPS
1145-1200	Data Buoy Cooperation Panel (DCBP) - Pierre Blouch, Meteo-France
1200-1215	Ocean observations and sound in the marine environment - Ian Boyd, Saint Andrews University
1215-1230	Cabled observatories and platforms - Nazeeh Shaheen, L3 MariPro
1230-1350	~ LUNCH ~
Session 3 1350-1550	Voluntary Observation Programs (continued) Status, progress, and lessons learned for scaling up and cross-sectoral applications
<i>Chair</i>	TBD
1350-1410	OceanScope - Tom Rossby, University of Rhode Island (tbc)
1410-1430	Ocean Carbon Flux Observations - IOCCP and ICOS - David Hydes, University of Southampton, National Oceanography Centre and Maciej Telszewski, International Ocean Carbon Coordination Project (IOCCP)
1430-1450	FerryBox - Willi Petersen, Institute of Coastal Research/Operational Systems
1450-1505	Royal Caribbean Cruise Lines: Next Generation Ships of Opportunity Program - Peter Ortner, University of Miami and/or Jamie Sweeting, Royal Caribbean (tbc)
1505-1520	Continuous Plankton Recorder - Martin Edwards, Sir Alistair Hardy Foundation for Ocean Science (SAHFOS)
1520-1535	Collecting data from fishing vessels and operations - Goulven Prud'Homme, NKE Instrumentation
1535-1550	Crowdsourcing data from individual vessels - Magnus Jonsson, OceanSearch
1550-1610	~ BREAK ~
Session 4 1610-1800	Breakout Groups: Parameters and technologies for multi-sectoral voluntary observations
	<u>Group A</u> - Ocean observation parameters and technology needs and opportunities for both vessels and platforms Chair: Eric Lindstrom, NASA Rapporteur: Albert Fischer, IOC

	<u>Group B</u> - Marine atmosphere/ocean surface observation parameters and technology needs and opportunities for both vessels and platforms Chair: Sarah North, UK Met Service Rapporteur: TDB
Timing TBD	RECEPTION - At UNESCO

13 DEC	TUESDAY
SESSION 5 0900-1030	Discussion: Parameters and technologies for multi-sectoral voluntary observations
<i>Chair</i>	Candyce Clark, NOAA
0900-0930	Report back from breakout groups A and B
0930-1010	Discussion on parameters and technologies for scaling up and coordinating multi-sectoral voluntary observation efforts
1010-1030	Network technical coordination and data management: JCOMMOPS case study and lessons learned for developing the Smart Ocean/Smart Industries program - Mathieu Belbeoch, JCOMMOPS
1030-1100	~ BREAK ~
SESSION 5 1100-1230	Breakout Groups: Data considerations and Institutional arrangements
	<u>Group C</u> - Data interoperability, communications, management and access Chair: TBD Rapporteur: Mathieu Belbeoch, JCOMMOPS <u>Group D</u> - Institutional and operational needs and options for a global multi-sectoral program Chair: TBD Rapporteur: TBD
1230-1400	~ LUNCH ~
Session 6 1400-1530	Discussion: Data considerations and Institutional arrangements
<i>Chair</i>	TBD
1400-1430	Report back from breakout groups C and D
1430-1510	Discussion on data considerations and institutional arrangements for scaling up and coordinating multi-sectoral industry observation efforts
1510-1530	Overview of legal issues Fred Soons, Netherlands Institute for the Law of the Sea (tbc)
1530-1600	~ BREAK ~
Session 7 1600-1730	Closing Plenary: Developing the Roadmap and Workplan
<i>Chair</i>	TBD

<i>Rapporteur</i>	Stephanie Watson, World Ocean Council
<i>1600-1620</i>	Coordinating with user needs and opportunities: Large Marine Ecosystem case study - David Vousden, Agulhas and Somali Currents LME
<i>1620-1700</i>	Roadmap for developing the global Smart Ocean/Smart Industries program Moderator: Paul Holthus, World Ocean Council
<i>1700-1730</i>	Workplan for developing the global Smart Ocean/Smart Industries program Moderator: Paul Holthus, World Ocean Council
	<i>CLOSE OF WORKSHOP</i>