

Updated: July 27, 2012

U.S. IOOS® National Glider Strategy Development Workshop

August 1-3, 2012

Martin Johnson House (T-29)

Scripps Institution of Oceanography

La Jolla, CA

Workshop Goal(s):

- Establish a plan for collecting sustained observations in U.S. coastal waters using a network of autonomous underwater gliders (A National Glider Network).

Workshop Objectives:

- Define the mission, scope, and operational and science objectives for a National Glider Network.
- Outline a network plan and establish timeline for production of a final document.
- Identify potential pathways toward implementation.

August 1, 2012: Invited presentations and general discussion

0800 Morning Coffee & Pastries
0830 Welcome and Introductions (Becky Baltes)
0900 Scientific and operational motivation for sustained, glider-based coastal observing (Dan Rudnick)
1000 Overview of glider technology: Current and near-term capabilities (Chad Lembke)
1030 BREAK
1045 Sustained Glider Operations Today (Craig Lee)
1130 Data Management (Jim Potemra)
1215 LUNCH
1300 Operational Applications of Glider Data (Mike Crowley)
1345 CeNCOOS Glider Operations (Francisco Chavez)
1400 AOOS Gliders (Molly McCammon)
1415 HI Glider Observations (Brian Powell)
1430 BREAK
1445 Pacific Northwest Glider Operations (Jack Barth)
1500 Glider Technical Specification (Tom Ryan)
1515 MARACOOS Glider Operations (Scott Glenn)
1530 Summary of Day 1 (Becky Baltes)
1545 Visit Glider Lab

Evening Dinner at Martin Johnson House

August 2, 2012: National Strategy Development

- 0800 Morning Coffee & Pastries
- 0830 Break-out session Assignments and Tasking (Groups 1-3)
- 0845 Break-out group sessions
- 1000 BREAK
- 1030 Group 1 Report/ Discussion
- 1100 Group 2 Report/ Discussion
- 1130 Group 3 Report/ Discussion
- 1200 LUNCH
- 1300 Parallel Breakouts (2 or 3 Groups)

<u>Break-out Focus Areas</u>
Group 1: Data Management
Group 2: Operational Applications and Technology
Group 3: Sustained Glider Plan (Network)

Synthesize findings of Groups 1-3 to produce an outline for U.S. IOOS National Glider Network Strategy.

- Operational and scientific objectives
- Network mission and scope
- Broad-brush network description
- Calibration/intercalibration, QC
- Data processing, dissemination plan.
- Data products (are there specific things the network should deliver, or is this the responsibility of the RAs)
- Region-specific needs

- 1445 BREAK
- 1500 Breakouts report. Pay attention to commonalities and clear conflicts in the plans. Discuss and synthesize output into a unified strategy
- 1630 Introduce Implementation Pathway Discussion
- 1700 Finish

August 3, 2012: Finalize Assignments

- 0800 Morning Coffee & Pastries
- 0830 Review Draft Strategy and Assignments
- 1000 Review Implementation Pathway
- 11:00 Action items: What comes next?
- 1200 Finish