

## Appendix 5.1

### Profiling Mooring Workshop

10-12 July 2007  
Hyatt Regency Tech Center  
Denver, Colorado

#### AGENDA

---

*Workshop Charge:* The current Ocean Observatories Initiative (OOI) Conceptual Network Design ([http://oceanleadership.org/ocean\\_observing/initiative](http://oceanleadership.org/ocean_observing/initiative)) calls for highly capable cabled and uncabled profiling moorings in coastal, deep-water, and remote high latitude environments. The goal of this workshop will be to assess (1) the current status of profiling mooring capabilities, including underway development, (2) how this status compares to the OOI expectation and requirements for profiling moorings, and (3) if further development is needed, provide specific recommendations. This assessment will include power and bandwidth capabilities, profiling speeds, depth ranges, and types of platforms/surface areas to support different sensors.

*Tuesday, 10 July 2007*

8:00am            *Continental breakfast*  
8:30-8:45        Meeting organization and charge  
8:45-9:30        Introduction of participants (2 min ea)  
9:30-10:00      OOI science use case scenarios for profiling mooring requirements (Gallager/Daly)

10:00-10:30    *Coffee Break*

Profilers Currently Available and Under Development (20 min talks, 10 min questions)

10:30-11:30    Scott Gallager (WHOI)  
11:30-12:00    Michael Mathewson (McLane Research Lab)

Noon-1:00pm   *Lunch*

1:00-1:30       Svenker Skoglund (Ocean Origo)  
1:30-2:00       Koji Ochi (ngk ocean) past and future plans  
2:00-2:30       Uwe Send (SIO)/George Fowler/Brian Beanlands (DFO)  
2:30-3:00       George Fowler/Brian Beanlands (DFO)

3:00-3:30       *Coffee break*

3:30-4:00       Andrew Barnard (Wetlabs)  
4:00-4:30       Jack Barth/Murray Levine (OSU)/Andrew Barnard (Wetlabs)  
4:30-5:00       Bruce Howe (UW)

6:30pm          *Reception*

*Wednesday, 11 July 2007*

- 8:00-8:30am Continental breakfast  
8:30-9:00 Sensors currently used on profilers (Andrew Barnard, Percy Donaghay)  
9:00-10:15 Profiling mooring “lessons learned” (Panel: Percy Donaghay, Scott Gallager)
- 10:15-10:45 *Coffee Break*
- 10:45-11:00 Plenary: charge for breakout groups
- 11:00-noon Breakout groups
- Noon-1:00PM *Lunch*
- 1:00-3:00 Breakout groups
- 3:00-3:30 *Coffee Break*
- 3:30-4:30 Breakout groups
- 4:30-5:00 Plenary: Brief (10 min) working group reports

*Dinner on own*

*Thursday, 12 July 2007*

- 8:00-8:30am Continental breakfast  
8:30-8:45 Plenary: Questions/issues for breakout groups  
8:45-10:00 Breakout groups complete recommendations  
10:00-10:30 Coffee Break  
10:30-11:30 Breakout group summarize recommendations (20 min each)  
11:30-noon Group discussion, priorities on recommendations
- Noon *Lunch*

**End Meeting**