

Argo Steering Team Meeting (AST-15)  
Halifax, March 17-20, 2012  
Host: Institute for Ocean Research Enterprise

AST Exec meeting: 17 March 1 pm

AST-15: 18 March 9 am – 20 March 5 pm.

Day 1: Tuesday 18 March. Commercial Argo partners are welcome on Day 1

1. 9:00 Welcome (9 am March 18) (Jim Hanlon)
2. 9:10 Local arrangements
3. 9:20 Objectives of the meeting/adoption of the agenda  
*Improving coordination and communications, within Argo and with commercial partners.  
(Discussion: Freeland)*
4. 9:50 Status of action items from AST-14 (Scanderbeg)

**10:20 Break**

5. Implementation issues
  - 5.1 10:50 AIC Report on Status of Argo (Belbéoch)
  - 5.2 11:20 Update commitments table (Scanderbeg)
  - 5.3 11:40 Float deployment opportunities (Belbéoch)
  - 5.4 12:00 Tracking progress on original mission (Wijffels)
  - 5.5 Sparseness maps (P. Robbins)
  - 5.5 12:20 AIC Funding (Freeland)

**12:30 Lunch**

- 5.6 2:00 JCOMM Observing Program Support Centre (Belbéoch)
- 5.7 2:20 Cooperation US/Canada/Europe for the Atlantic Observing System and implications for Argo and Euro-Argo (P.Y. Le Traon, H. Claustre, S. Pouliquen)
- 5.8 2:30 Bio-Argo/Biogeochemical Argo (Riser, H. Claustre)
- 5.9 3:00 European activities: setting the Euro-Argo ERIC in 2014 and long term plans (P.Y. Le Traon, S. Pouliquen)
- 5.10 3:10 Argo Canada (Gilbert)

**3:30 Break**

- 5.11 4:10 Argo France (Maze)
- 5.12 4:30 Discussion items from National Reports?
6. Data Management and related issues

- 6.1 4:50 Feedback from ADMT-14 (Thresher/Pouliquen, Scanderbeg)
- 6.2 5:20 B-Argo file structure (Thresher/Pouliquen/King)
- 6.3 Argo BUFR enhancements (J. Turton)

**End of Day 1 (6:00 evening reception at Prince George Hotel)**

- 6.4 CTD Reference data (Diggs)
- 6.5 Status of the trajectory data (Scanderbeg, ?)

7. Regional science, education and outreach

- 7.1 Science presentation- Greg Smith & Denis Gilbert: Assimilation of Argo data into a global coupled air-ice-ocean model
- 7.2 Science presentation- Igor Yashayaev: Study of Labrador Sea convection and circulation using Argo data
- 7.3 "The South African Argo Research Program: Developments and educational considerations" (T. Morris)
- 7.4 Report on PICES Summer School (Freeland)

8. Technical issues

- 8.1 Float technology progress (Maze, Belbeoch, others?)
- 8.2 Plan for Deep Argo deployment/calibration cruise (Roemmich, Maze)
- 8.3 Deep Argo floats progress (Riser, Suga, others)
- 8.4 Bio Argo progress (H. Claustre and Bio Argo groups)
- 8.5 Calibration results on Druck pressure sensor (Wijffels, several?)
- 8.6 Summary of the long-term practice of SBE41 sensor calibration using SBE's CTD calibration system in JAMSTEC (Hosoda)
- 8.7 Micro-floats and floats from non-climate programs. What data should be included in Argo ? (Jayne)
- 8.8 DMQC comparisons (King)

9. Completing the global mission

- 9.1 Given the present status of Argo enhancements, the focus of this discussion should be on describing the standalone value of each new mission. What is the valuable science than has been done or could be done with these missions? Examples?
  - Seasonal ice (Klein)
  - Marginal Seas (Poulain)
  - Deep Argo (Wijffels)
  - Western Boundary (Suga)
  - Equatorial (Roemmich, Ravi)
  - Caribbean Sea and Gulf of Mexico (Robbins)
- 9.2 GOOS and OOPC update (T. Suga)

9.3 What are the EEZ issues for completing the global mission (Freeland, ?)

10. Demonstrating Argo's value

10.1 Report on GODAE OV Symposium (Wijffels, Freeland)

10.2 Argo bibliography (Scanderbeg)

10.3 Argo's DOIs (Buck)

10.4 Argonautics Newsletter (Scanderbeg)

10.5 Upcoming science conferences and workshops –

a. GODAE OceanView workshop in Toulouse (12-14 Nov 2014)

b. GOSHIP (King)

c. Ocean Salinity Science and Salinity Remote Sensing Workshop (26-28 Nov 2014)

10.6 Google Earth/ Argo API (Belbeoch, Diggs)

10.7 Argo (review of major findings) in Nature Climate Change (Freeland)

10.8 Other Argo outreach activities – GOOS webinar,

11. Future meetings

11.1 ADMT-15

11.2 AST-16

11.3

12. AST Membership

13. Other business

Meeting adjourns Thursday 20 March, 5 p.m.