

Argo Steering Team Meeting (AST-18)
Hobart, Tasmania, March 14-16, 2017
Host: CSIRO

AST Exec meeting: 13 March

AST-18: 14 March 9h00 – 16 March 15h00

Location: Waterside Meeting Room at CSIRO Marine Laboratories

1. 9h00 Welcome ()
2. 9h10 Local arrangements
3. 9h20 Objectives of the meeting/adoption of the agenda
Argo's sustainability
4. 9h40 Status of action items from AST-17 (M. Scanderbeg)
5. Implementation issues
 - 5.1 9h50 Update commitments table including global Argo, extensions and equivalent floats (M. Scanderbeg)
 - 5.2 10h10 AIC Report on the Status of Argo (M. Belbéoch)
- 10h30 – 11h00 break**
 - 5.3 11h00 JCOMM Observing Program Support Centre (M. Belbéoch)
 - 5.4 11h15 AIC Funding (H. Freeland)
 - 5.5 11h30 Australian Argo (S. Wijffels)
 - 5.6 11h50 Japan Argo (T. Suga)
 - 5.7 12h00 Discussion items from National Reports
- 12h00 tour of R/V Investigator and lunch**
 - 5.8 13h30 An Argo Data Paper and advancement of Argo DOIs (S. Wijffels, J. Buck)
6. Data Management and related issues
 - 6.1 13h45 Feedback from ADMT-17 (S. Pouliquen)
 - 6.2 14h15 Proposal on definition of Argo float and handling non-approved sensors and parameters (M. Scanderbeg)
 - 6.4 14h45 Proposal on mandatory and highly desirable CONFIG parameters and maintenance of meta and tech tables (E. van Wijk)
- 15h15 – 15h45 break**
 - 6.3 15h45 Trajectory V3.1 files (M. Scanderbeg)
 - 6.5 16h00 DMQC frequency (S. Pouliquen)
 - 6.6 16h15 Positioning for under-ice floats (E. van Wijk, B. Klein)

- 6.7 16h45 CTD Reference data & how to describe the quality of each station (S. Diggs)
- 6.8 BUFR format for BGC floats (J. Turton – only in written report)

End of day one

17h45 – 18h45 evening reception

19h00 – Public lecture by Ken Johnson

7. Regional science, education and outreach

- 7.1 9h00: “The impact of Argo data in the latest Bluelink ReANalysis” by Peter Oke
- 7.2 9h20: “East Australian Current eddies from Argo float data” by Tatiana Rykova
- 7.3 9h40: “Crucial ocean observations for multi-year prediction” by Terence O’Kane

10h00 – 10h30 break

8. Technical issues

- 8.1 10h30 Recent float performance evaluation of array (M. Belbéoch, B. King)
- 8.2 Sensor progress:
 - 11h00 RBR – S. Wijffels
 - 11h15 SBE61 – N. Zilberman with contributions from others (B. Sloyan/RV Investigator cruise)
 - 11h30 SBE41cp below 2000db – T. Suga and V. Thierry resolving source of the biases and general accuracy
 - 11h45 Procedures to prepare SBE CTDs for storage (B. Owens)
- 8.3 12h00 Documenting pressure sensor performance (S. Riser)

12h15 – 13h30 lunch

9. Completing the global mission and exploring extensions

- 9.1 Review of Deep Argo Pilot Arrays and any technical updates on Deep Argo floats:
 - 13h30 South Pacific – N. Zilberman & D. Roemmich
 - 13h45 North Atlantic – V. Thierry & G. Maze, N. Zilberman
 - 14h00 South Atlantic – G. Johnson or N. Zilberman
 - 14h15 Indian Ocean – T. Suga, N. Zilberman
 - 14h30 Southern Ocean – T. Suga with input from S. Rintoul et al

15h00 – 15h30 break

- 9.2 15h30 Status of Argo extensions (M. Belbéoch)
 - 15h45 BGC-Argo (K. Johnson, H. Claustre)
 - 16h00 Western Boundary Currents (T. Suga)
 - 16h15 Near-equatorial enhancements (D. Roemmich)
 - 16h30 Polar Argo - Arctic/SOOS (B. Klein/E. Van Wijk)
 - 16h45 Marginal Seas (P-M Poulain)

End of day two

10. Demonstrating Argo's value

10.1 9h00 Argo bibliography (M. Scanderbeg)

10.2 9h15 Argo Steering Team Website Updates (M. Scanderbeg)

10.3 9h30 New Argo Brochure (JCOMMOPS, H. Freeland, M. Scanderbeg)

10.4 9h45 Upcoming science conferences and technical workshops –

ASW?

OceanObs 19

Technical Workshops (S. Wijffels, S. Riser, B. King)

Deep?/DOOS?

10h00 – 10h30 break

10.5 10h30 Argo Education Workshop (E. Rusciano)

10.6 10h45 Earth.nullschool.net (S. Diggs)

10.7 Other Argo outreach activities –

11. 11h00 Discussion on Argo's sustainability

12h30 – 14h00 lunch

12. Future meetings

12.1 14h00 ADMT-18

12.2 14h15 AST-19

13. AST Membership

14. Other business

15. Review of action items

Meeting adjourns Thursday 16 March, 3 p.m.