

Argo Steering Team Meeting (AST-19)  
Sidney, British Columbia, Canada, March 13-15, 2018  
Host: IOS

AST Exec meeting: 12 March 13h00

AST-19: 13 March 9h00 – 15 March 16h00

Location: Stewart Auditorium

1. 9h00 Welcome (Carmel Lowe, Director of Science at IOS)
  2. 9h10 Local arrangements (Tetjana Ross)
  3. 9h20 Objectives of the meeting/adoption of the agenda  
Argo's Future Challenges
    - Sustainability
    - IOC and EEZs
    - Finalizing and implementing design changes
  4. 9h40 Status of action items from AST-18 (M. Scanderbeg)
  5. Implementation issues
    - 5.1 9h50 Update commitments table including global Argo, extensions and equivalent floats (M. Scanderbeg)
- 10h00 – 10h30 break**
- 5.2 10h30 AIC Report on the Status of Argo (M. Belbéoch)
  - 5.3 10h50 JCOMM Observing Program Support Centre (M. Belbéoch)
  - 5.4 11h05 AIC Funding (B. Owens)
  - 5.5 11h15 BGC-Argo and the IOC (S. Wijffels/K. Johnson)
  - 5.6 11h35 Canadian Argo (B. Greenan)
  - 5.7 11h50 Discussion items from National Reports and a quick oral round table of highlights or key issues
- 12h30 lunch**
- 5.8 13h30 Argo Data Paper and Argo Best Practices papers (S. Wijffels)  
Discussion on OceanObs19 abstracts
6. Data Management and related issues
    - 6.1 14h00 Feedback from ADMT-18 (M. Scanderbeg)
    - 6.2 14h20 Update on meta and tech tables (J. Gilson, B. Klein)
    - 6.3 14h35 DAC Trajectory Workshop Report (M. Scanderbeg)
    - 6.4 14h50 Positioning for under-ice floats (B. Klein)

### **15h00 – 15h30 break**

- 6.5 15h30 CTD Reference data & how to describe the quality of each station (S. Diggs)
- 6.6 15h45 BUFR format for BGC floats (F. Carse)

### **Welcome reception at Shaw Center from 18h00 – 19h30**

### **Move to Agenda Item 8 if there is time before End of day one**

#### 7. Regional science, education and outreach

- 7.1 9h00: Roberta Hamme – “Oxygen saturation surrounding deep-water formation events in the Labrador Sea from Argo-O2 data”
- 7.2 9h20: Fraser Davidson – “Canadian Operational Network for Coupled Environmental Prediction Systems (CONCEPTS)”
- 7.3 9h40: Tetjana Ross - “Changes in stratification in the North Pacific and implications for primary productivity” + Patrick Cummins – “Upper ocean variability over the Alaska Gyre from Argo”

### **10h00 – 10h30 break**

#### 8. Technical issues

- 8.1 10h30 Report from Argo Platform and Sensor Technical Workshop (S. Riser)

Key issues for AST:

1. CTD testing activities
2. Corrosion in APEX (D. Swift’s work)
3. The pathway for new sensors entering Argo and how we distribute and label pilot data (B. Owens)
4. Batteries and energy budgets (L. Gordon’s work by B. Owens)

- 8.2 11h30 EuroArgo in-situ monitoring system (B. Klein)

- 8.3 11h45 Recent float performance evaluation of array (M. Belbéoch)

### **12h30 lunch**

- 8.4 Sensor progress:

13h30 RBR (B. Owens)

13h45 Preliminary evaluation of the RBR Argo6000 during the RREX17 cruise (G. Maze)

14h00 SBE61 (N. Zilberman)

14h15 Increasing occurrences of fast salinity drifts in SBE41 (S. Wijffels)

- 8.5 14h30 Documenting pressure sensor performance (S. Riser)

### **15h00 – 15h30 break**

#### 9. Completing the global mission and exploring extensions

- 9.1 Technical updates on Deep Argo floats:

15h30 Deep SOLO – D. Roemmich

15h45 Deep APEX – S. Hosoda

16h00 Deep NINJA – T. Suga

16h15 Deep Arvor

9.2 Early results from Deep Pilot Arrays

16h30 N. Atlantic (G. Maze)

16h45 SW Pacific Basin (N. Zilberman)

9.3 17h00 Deep Argo partnership with Paul G. Allen Foundation (G. Johnson)

**End of day two**

9.4 9h00 Status of Argo extensions (M. Belbéoch)

9h15 BGC-Argo (K. Johnson, H. Claustre)

**10h00 – 10h30 break**

10h30 TPOS2020 (W. Kessler via Skype)

10. Demonstrating Argo's value

10.1 10h50 Argo bibliography (M. Scanderbeg)

10.2 11h10 Argo Steering Team Website Updates and Argovis website (M. Scanderbeg)

10.3 11h30 argo.jcommops.org news (M. Belbéoch)

10.4 11h45 Assessment of the Global Argo Array Enhancements Using Observing System Simulation Experiments (P-Y LeTraon)

10.5 12h05 Machine Learning of Argo Quality Control (G. Maze)

**12h30 lunch**

10.6 13h30 Upcoming science conferences and technical workshops –

ASW

EuroArgo DMQC Workshop

DMQC Workshop ahead of ADMT-19

OceanObs 19

- Abstract submission due March 15
- White paper due September 2018

10.7 data.scripps.earth (S. Diggs)

10.8 13h50 Other Argo outreach activities – G. Maze

11. 14h00 Revision of Argo's sustainability Document

12. Future meetings

12.1 14h30 ADMT-19 December 2 - 7, 2018

12.2 14h40 AST-20

13. AST Membership and leadership
14. Other business: reaching 2 million profiles
15. Review of action items

Meeting adjourns Thursday 15 March, 4 p.m.

Manufacturers day on Friday 16 March, 9am start.

**Manufacturer's Reception at Victoria Distillers 17h00 – 18h30**

**Public lecture by G. Johnson at Shaw Center 19h00**