

## Argo Steering Team Meeting (AST-23)

Monaco 23 – 25 March, 2022

Host: Monaco Ocean Week

AST-23: 23 March 9h00 – 25 March 15h00

Location:

1. 9h00 Welcome ()
2. 9h15 Local arrangements ()
3. 9h20 Objectives of the meeting/adoption of the agenda

Challenges of implementing OneArgo design

4. 9h30 Status of action items from AST-22 (M. Scanderbeg)
5. 9h45 Update commitments table including global Argo, extensions and equivalent floats (V. Turpin)
6. 10h00 WMO update (M. Belbeoch)

### 10h15 – 10h45 break

7. **OneArgo Status update**
  - 7.1. 10h45 Overall Argo status by OceanOPS
  - 7.2. 11h05 BGC Argo Mission status and challenges (K. Johnson and H. Claustre)
  - 7.3. 11h25 Deep Argo Mission status and challenges (N. Zilberman and B. King)
  - 7.4. 11h45 Polar Argo - status and challenges (Ingrid Angel to coordinate with contributions from EuroArgo, S. Jayne, S. Riser)
  - 7.5. 12h30 OneArgo Array design status discussion (led by S. Wijffels)
    - 7.5.1. Implementation challenges including how core, BGC, and Deep floats will contribute to the array
    - 7.5.2. Technical challenges

### 12h30 – 13h30 lunch break

8. **Implementation issues**
  - 8.1. 13h30 AIC Funding (M. Belbéoch)
  - 8.2. 13h40 EEZ guidelines and strategies (M. Belbéoch)
  - 8.3. 13h50 Deployment coordination across missions (Tammy Morris)
  - 8.4. 14h10 Report from Float sampling and surfacing working group led by S. Riser
  - 8.5. 14h25 Argo Pilot to support Hurricane Prediction (E. Smith /S Jayne)
  - 8.6. 14h40 EuroArgo Status including EuroArgo Rise Project (C. Gourcuff)
  - 8.7. 14h55 Argo in Denmark (cost@aqu.dtu.dk)

- 8.8. 15h05 Core Argo Best Practices paper (T. Morris)
- 8.9. 15h15 Discussion items from National Reports and a quick oral round table of highlights or key issues

### **15h30 – 16h00 break**

#### **9. Data Management and related issues**

- 9.1. 16h00 Feedback from ADMT-22 (S. Pouliquen, M. Scanderbeg)  
Report to include DMQC status for each Argo mission & status update on DMQC priorities, funding and needs.
- 9.2. 16h20 QC'ing and Distributing RBR Pilot Data (A. Wong)
- 9.3. 16h30 Argo NVS reference tables (V. Paba)
- 9.4. 16h45 Metadata, tech data from manufacturers into data system (who? Brian King?)
- 9.5. 16h55 Report from community of practice working group (P. McMahon, <http://www.cmar.csiro.au/argo/dmqc/html/ArgoCop.html>)
- 9.6. 17h05 CTD Reference data during COVID (S. Diggs, S. Purkey)

### **End of day one**

#### **10. Sensor progress**

- 10.1. 9h00 RBR (S. Wijffels or Clark Richards?)
- 10.2. 9h15 RBR Argo6000 (V. Thierry/B. King/B. Owens)
- 10.3. 9h25 SBE41 under 2000db (S. Hosoda)
- 10.4. 9h35 SBE61 (N. Zilberman)
- 10.5. 9h45 Update on high salinity drift from SBE CTD serial numbers 6100 – 7000 (A. Wong, J. Gilson, SBE)
- 10.6. 10h00 BGC Sensors (H. Claustre, K. Johnson)

#### **11. UN Ocean Decade, regional science, education and outreach**

- 11.1. 10h10: Forum debrief from AST members linked to programs & possible next steps
- 11.2. 10h40:
- 11.3.

#### **12. Float performance & evaluation of the health of the array**

10h40 Report & discussion on current float lifetimes, including by core, Deep, BGC Mission (Led by V. Turpin, M. Belbéoch with input from community)

### **11h00 – 11h30 break**

13. **Technical updates on floats, including float production and supply chain issues**
  - 13.1. **Under-ice floats**
    - 13.1.1. 11h30 Estimated positions for under-ice floats (P. Oke, EuroArgo)
    - 13.1.2. 11h40 Under-ice floats (S. Riser)
    - 13.1.3. 11h50 SIO Arctic float (D. Rudnick)
  - 13.2. **Core floats**
    - 13.2.1. 12h00 APEX ? (P.Oke)
    - 13.2.2. 12h10 ALTO (S. Wijffels/S. Jayne)
    - 13.2.3. 12h20 SOLO-II (N. Zilberman)
    - 13.2.4. 12h30 NAVIS? (G. Johnson)
    - 13.2.5. 12h40 HM2000? (Zhenghong)
    - 13.2.6.
  - 13.3. **Deep Argo floats**
    - 13.3.1. 12h45 Deep SOLO (N. Zilberman)
    - 13.3.2. 12h55 Deep APEX (S. Hosoda)
    - 13.3.3. 13h05 Deep NINJA (T. Suga)
    - 13.3.4. 13h15 Deep Arvor (V. Thierry)
    - 13.3.5. 13h25 HM4000, HM6000 (Zhaoi?)
  - 13.4. **13h35 BGC Argo floats (H. Claustre)**

**13h30 – 15h00 lunch break**

**Vendors? 15h00 - 17h30**

**End of Day two**

14. **Demonstrating Argo's value**
  - 14.1. 9h00 Argo bibliography (M. Scanderbeg)
  - 14.2. 9h15 Argo Steering Team Website Updates (M. Scanderbeg)
  - 14.3. 9h30 Data visualizations (M. Scanderbeg, R. Cancouet)
  - 14.4. 9h45 Océans Connectés (C. Saout)
  - 14.5. 10h00 2<sup>nd</sup> Ocean Observers Workshop Report (C. Gourcuff, E. Rusciano)
  - 14.6. 10h15 Upcoming science conferences and technical workshops –  
Argo Science Workshop in Brussels 10 – 14 October 2022
  - 14.7. 10h30 Other Argo outreach activities

**10h30 – 11h00 break**

15. Future meetings
  - 15.1. 11h00 ADMT-23: AOML

- 15.2. 11h10 AST-24
- 16. 11h20 AST Membership
- 17. 11h30 Other business
- 18. 11h45 Review of action items

**12h15 – 13h30 lunch**

**Extra time for discussions that arise**

**Meeting adjourns Friday 25 March**