

Argo Steering Team Meeting (AST-20)  
Hangzhou, China 11 – 15 March, 2019

Host: State Key Laboratory of Satellite Ocean Environment Dynamics (SOED), Second Institute of Oceanography, Ministry of Natural Resources

AST Exec meeting: 12 March 13h00

Location: No. 3 meeting room (2<sup>nd</sup> floor)

AST-20: 13 March 9h00 – 15 March 15h00

Location: Jinxi Hall (2<sup>nd</sup> floor)

Lunch: SOED will provide lunch tickets to all guests for the buffet lunch at JINXI Hotel.

1. 9h00 Welcome (Fei Chai)
2. 9h15 Local arrangements (Xiaofen Wu)
3. 9h20 Objectives of the meeting/adoption of the agenda  
Challenges of Argo 2020
4. 9h30 Status of action items from AST-19 (M. Scanderbeg)
5. 9h45 Update commitments table including global Argo, extensions and equivalent floats (M. Scanderbeg)

**10h00 – 10h30 break (group photo)**

**6. Argo's Future Design**

- 6.1. 10h30 BGC Argo Status and challenges (K. Johnson and H. Claustre)
- 6.2. 11h00 Deep Argo Status and challenges (N. Zilberman and G. Johnson)
- 6.3. 11h30 Regional enhancements and spatial completeness (M. Belbéoch)
- 6.4. 11h50 Argo 2020 concept and feedback from National Programs (led by S. Wijffels)
  - 6.4.1. Prospects for gaining support
  - 6.4.2. Implementation and technology challenges
  - 6.4.3. How do we sell it?

**12h30 – 13h30 lunch break**

**7. Implementation issues**

- 7.1. 13h30 AIC Report on the Status of Argo (M. Belbéoch)
- 7.2. 13h45 JCOMM Observing Program Support Centre (M. Belbéoch)
- 7.3. 14h00 AIC Funding (M. Belbéoch)
- 7.4. 14h10 EEZ guidelines and strategies (M. Belbéoch)
- 7.5. 14h15 IOC and BGC variables update (S. Wijffels, B. Owens)
- 7.6. 14h40 China Argo (Zenghong Liu)

**15h00 – 15h30 break**

- 7.7. 15h30 EuroArgo Status (C. Gourcuff)
- 7.8. 15h45 Argo Best Practices paper (S. Riser)
- 7.9. 16h00 Discussion items from National Reports and a quick oral round table of highlights or key issues

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

- 8.1.** 16h15 Feedback from ADMT-19 (M. Scanderbeg)
- 8.2.** 16h35 6<sup>th</sup> Delayed Mode Quality Control Workshop report (B. King)
- 8.3.** 16h45 Including estimated positions in profile and trajectory files (M. Scanderbeg)

**End of day one**

**18h30 Welcome dinner hosted by SOED (JINXI Hotel)**

**Continue with section 8 after regional science talks at start of Day two**

- 8.4.** 10h50 CTD Reference data & developing a reference dataset for Deep Argo (S. Diggs, S. Purkey)

## **9. Technical issues**

### **9.1. Sensor progress:**

- 9.1.1.** 11h20 RBR (S. Wijffels)
- 9.1.2.** 11h35 RBR Argo6000 (G. Maze)
- 9.1.3.** 11h50 SBE41 under 2000db (S. Hosoda)
- 9.1.4.** 12h05 SBE61 (N. Zilberman)
- 9.1.5.** 12h20 Update on high salinity drift from SBE CTD serial numbers 6100 – 7000 (S. Wijffels, J. Gilson, D. Murphy)

**12h30 – 13h30 lunch on Day two**

- 9.2.** 13h30 Recent float performance evaluation of array  
Current technical issues with core floats (Led by B. King with input from community)
  - 9.2.1.** 13h50 Apex controller performance and issues (Riser, P. Oke)
  - 9.2.2.** 14h10 SOLO-II Tadiran fleet (D. Roemmich)
  - 9.2.3.** 14h40 NAVIS (G. Johnson)
- 9.3.** 15h00 Thermal float (S. Wijffels)

**15h00 – 15h30 break – go to Section 11 after break**

**Start of day two**

## **10. Regional science, education and outreach**

- 10.1.** 9h00: Crucial role of Argo data in estimating and understanding ocean heat content change (Lijing Cheng)
- 10.2.** 9h20: BGC Argo observations and physical-biological modeling (Fei Chai)
- 10.3.** 9h40: Outreach in South Africa (T. Morris)

**10h00 – 10h30 break – go back to section 8 from Day one**

## **11. Argo 2020: Completing the global mission and exploring extensions**

- 11.1.** Technical updates on Deep Argo floats:
  - 15h30 Deep SOLO (D. Roemmich)
  - 15h45 Deep APEX (S. Hosoda)
  - 16h00 Deep NINJA (T. Suga)
  - 16h15 Deep Arvor (G. Maze)
- 11.2.** 16h30 Technical and scientific updates on under-ice floats (S. Riser)

## **End of Day two**

## **12. Demonstrating Argo's value**

- 12.1.** 9h00 earth.nullschool.net (S. Diggs)
- 12.2.** 9h15 Argo bibliography (M. Scanderbeg)
- 12.3.** 9h35 Argo Steering Team Website Updates and Argovis website (M. Scanderbeg)

## **10h00 – 10h30 break**

- 12.4.** 10h30 2 millionth profile story map (E. Smith)
- 12.5.** 10h45 6<sup>th</sup> Argo Science Workshop Report (T. Suga)
- 12.6.** 11h00 Upcoming science conferences and technical workshops –
  - OceanObs 19
  - 2<sup>nd</sup> Deep Argo Science Workshop (N. Zilberman)
  - Ocean Observers Workshop in 2020 (C. Gourcuff)
  - EuroArgo Science Workshop in Athens, Greece 21 – 25 October 2019
- 12.7.** 11h15 Other Argo outreach activities

## **12h00 – 13h30 lunch**

## **13. Future meetings**

- 13.1.** 13h30 ADMT-20: 14 – 18 October 2019 in Villefranche, France
- 13.2.** 13h40 AST-21

## **14. 13h50 AST Membership**

## **15. Other business – Argo2020/ name for next phase of Argo**

## **16. 14h00 Review of action items**

**Meeting adjourns Friday 15 March, 3 p.m.**