

DRAFT: last updated 13 April

Argo Steering Team Meeting (AST-26)
La Jolla, CA USA 14 – 18 April, 2025
Host: Scripps Institution of Oceanography

AST-26: 14 April 9h00 – 18 April 15h00

Location: Scripps Seaside Forum

[AST-26 Google Drive link](#)

Zoom registration link for open sessions:

<https://ucsd.zoom.us/meeting/register/a0xdyAXRQQujtUn-ggb49A>

Blue text indicates a virtual speaker.

Monday: OneArgo

Slack monitor for morning: Nathalie

Slack monitor for afternoon: Virginie

1. 09:00 am Welcome (Margaret Leinen, 15 min)
2. Logistics (Megan Scanderbeg, 5 min)
3. Objectives of the meeting (AST co-chairs, 15 min)
4. Status of [Action items](#) from AST-25 (Megan Scanderbeg, 15 min)
5. Tracking of OneArgo status and implementation: overall picture by OceanOPS & discussion (Victor (15 min), AST co-chairs to lead discussion, 30 min)

10:30 - 10:50am Break

6. 10:50am **OneArgo implementation issues**
 - a. OceanOPS operational update (10 min - Victor)
 - b. EEZ and GOOS concurrences (Victor, 10 min)
 - c. AIC, OceanOPS funding (Breck Owens, 10 min)
 - d. Basin deployment coordination (Fiona Carse, [Tammy Morris](#), Sarah Purkey, Shigeki Hosoda 15 min)
 - e. National Programs reporting one success or challenge (45 min)
 - f. Update on near surface sampling audit after AST-25 recommendation & where unpumped data should be stored and shared (AST-25 Action #8) (Brian King, 15 min)

12:30 - 13:30 Lunch

7. 13:30 OneArgo data management
 - a. Plans for JSON schema for decoded float data ([Pelle Robbins/Ben Greenwood](#), 10 min)
 - b. Min/max test results & how they are implemented ([C. Coatanoan, recorded](#), 15 min)
 - c. Easy OneArgo data product (Annie Wong, 10 min)
 - d. Feedback from ADMT-25 including: (ADMT co-chairs, 40 min)
 - e. Reference data (Sarah Purkey 15 min)
8. 14h50 Projection of array status and commitments (Brian King, 20 min)

15:10 - 15h30 Break

9. 15h30 National updates:
 - a. USA (Sarah Purkey, [Greg Johnson](#), 20 min + 10 min discussion)
 - b. Euro-Argo ONE EU project (Yann-Hervé, 15 min)
10. 16h15
 - a. Japan report on impact of no TBTO in CTDs (Shigeki, 15 min)
 - b. OneArgo at the OOSC/UNOC (Orens, 10 min)

Tuesday: BGC Argo

Slack monitor for morning: Peter

Slack monitor for afternoon: Breck

11. 9:00 BGC-Argo Introduction and status (Hervé / Ken / Orens): 15 min
12. 9:15 BGC implementation : 80 min
 - a. National Report : 40 min
 - i. Australia (Peter) : 3min
 - ii. Canada ([Katja](#)): 3 min
 - iii. China (Xiaogang) : 3 min
 - iv. EU + Pol., Bul., Fin., Den., Spa. (Yann-Hervé) : 3 min
 - v. Norway ([Kjell](#)) : 3 min
 - vi. France (Hervé) : 3 min
 - vii. Germany ([Henry](#)) : 3 min
 - viii. India ([Uday](#)) : 3 min
 - ix. Italy ([Giorgio](#)): 3 min
 - x. Japan (Tetsu): 3 min
 - xi. New Zealand (Philip Sutton) : 3 min
 - xii. USA (Ken): 3 min

xiii. UK ([Nathan](#)) : 3 min

b. BGC-Argo Implementation Plan Revision (Hervé / Orens) : 15 min

c. Long term funding : 25 min

i. Outlook for some countries (Ken / Orens) : 15 min

ii. Discussion for promoting sustained fundings (Hervé) : 10 min

10:35 - 11:00 Break

13. 11:00 a. Past Deployments, Future Plans, and Gap Filling (Orens) : 10 min

14. 11:10 a. Global Ocean Carbon Implementation Plan (Ken) : 15 min

15. 11:25 a. Strengthening Relationship with other groups : 45 min

i. GO-SHIP ([Brendan](#)) : 15 min

ii. SOCAT / SOCONET ([Rick](#)) : 15 min

iii. IOCCP/GOOS BGC ([Veronique](#)) : 15 min

iv. IOCCG (Hervé) : 5 min

v. Models ([Alexandre Mignot](#)) : 10 min

12:10 - 13:10 Lunch

16. 13:10-13:25 Framework for adding new sensors / parameters in Argo ([Henry/Annie](#)) : 15 min

17. 13:25 -14:10 BGC sensors /TTT

a. Brief intro/summary of TTT activities over the last year (Yui) : 5 min

b. Intercomparison of BBP and Chla: Lab and field for Tridante + Eco, and future plans([Julia](#)) : 10 min

c. Intercomparison of Radiometry: Lab and field (Xiaogang) : 10 min

d. Initial PAR algorithms evaluation ([Edouard](#)): 10 min

e. Update from the 3rd channel of bio-optical sensor WG ([Nathan](#)) : 10 min

18. 14:10-15:10 BGC-Argo data management

a. ADMT summary (Tanya): 15 min

b. DMQC meeting(s) (Tanya): 10 min

c. BGC-Argo supporting products (including, computing PAR – how to store in the data system?) (Tanya): 10 min

d. Summary of RT chla slope, status and next step ([Raphaelle](#)): 15min

e. Hyperspectral data calibration ([Catherine](#)) : 10min

f. Hyperspectral data calibration ([Catherine](#)) : 10min

15:10 - 15h30 Break

19. 15h30 - 16h15: Products

- a. Introduction : 4D-BGC SCOR WG ([Jon Sharp](#) & [Raphaelle](#)): 10 min
- b. intercomparison DOXY ([Jon Sharp](#)) : 10 min
- c. Contribution of 4D-BGC products to Argo data management ([Raphaelle](#)) : 10 min
- d. Benefit of BGC-Argo products to end-users : fisheries example ([Mary Margaret Stoll](#)) : 15 min

Need to end day by 16h00, maybe 16h15 to allow time for others to come in for talks.

Tuesday evening reception:

16h30 - 17h30: **Talks**

16h30 - 16h45: John Gould on the pre-Argo era through to the beginning of Argo

16h45 - 17h00: Brian King on the International Collaboration and Argo's success

17h00 - 17h15: Dan Runick on the importance of research and development to Argo

17h15 - 17h30: Josh Willis on the synergies between Argo and the satellite community

17h30 - 19h30: drinks and light appetizers

Wednesday: Deep Argo & Polar Argo

Slack monitor for morning: Orens

Slack monitor for afternoon: Ken

Deep Argo

20. 8:30 Deep Argo Introduction and status (Nathalie/Virginie): 15 min

21. 8:45 Deep Argo implementation (1 hour 45 min)

a. National Report (~5-10 min by countries) : 1 hour 30 min

1. US (Nathalie)

2. Canada (Blair)

3. China ([Zhaohui](#))

4. Japan (Shigeki)

5. France & EU (Virginie)

6. Norway (Virginie on behalf of Kjell Arne)

7. Spain (Virginie on behalf of Alberto)

8. Italy (Virginie on behalf of Giulio)

9. UK (Brian)

10. Australia ([Esmee](#))

b. Discussion: Long term funding (15 min)

10:30 - 10:50 Break

22. 10:50am Deep sensors including Q&A w/ manufacturers (1 hour 10 minutes)

- a. SBE61 and SBS61 (15 min, Nathalie)
- b. RBR CTD and DO (25 min, Jean-Michel/Mat)
- c. Rinko DO (15 min, Kanako)
- d. Discussion (15 min)

23. 12:00 Deep Argo updates (30 min)

- a. New 6000-m Deep Argo float (15 min, Corentin Renault)
- b. Deep Argo KPIs and Deep density maps (15 min, Victor)

12:30 - 13:30 Lunch

24. 13:30 Deep Argo science talks (45 min)

- a. Deep Argo Data Reduce Uncertainty and Increase Spatial Resolution of Decadal Deep and Abyssal Ocean Temperature Trends (15 min, Greg J. from PMEL)
- b. Deep Argo Observations in the Fracture Zones of the Southwest Indian Ridge (15 min, Viviane de Menezes)
- c. Deep Argo bathymetry product (15 min, Nathalie and Megan)

25. 14:15 Deep Argo data management (15 minutes, Virginie and Cecile)

26. 14:30 Transition from regional pilot array to global implementation (15 min, Nathalie)

27. 14:45 Discussion (15 min)

15:00 - 15:30 Break

28. Polar Argo Mission (2 hours total)

Polar Argo Introduction and Status (10 minutes) [Esmee](#)

Polar Argo Implementation (55 minutes)

- National Reports (recent/future deployments, funding) Nicolas (25)
- Oceanops design proposal (Arctic/SO) Nicolas/Esmee (30)

Best practice paper update (5 minutes) Nicolas

Polar Argo in the field (30 minutes)

- Southern Ocean (15) [Esmee](#)
- SOCCOM (5) [Steve Riser](#)
- ARcticGO (10) Nicolas
- Acoustic floats (10) Craig Lee

END of DAY: 17h30

Thursday (closed morning):

Slack monitor for morning: Victor

Slack monitor for afternoon: Nicolas

29. Float updates

- a. 9:00am Core floats (10 min each)
 - i. SOLO-II (N. Zilberman)
 - ii. Arvor (Corentin Renault)
 - iii. ALTO (Steve Jayne)
 - iv. MRV S2A ([Pelle Robbins](#))
 - v. APEX ([Riser reaching out to other APEX users](#))
- b. 9:50am BGC floats (10 min each)
 - i. BGC Navis ([Steve Riser and Aidan Thayer](#))
 - ii. PROVOR ([Edouard Leymarie](#))
 - iii. BGC SOLO (Sarah Purkey)

10:30 - 10:50am Break

- c. 10:50am Under-ice floats
 - i. SOLO Arctic float (10 min, Dan Rudnick)
 - d. 11:00 Deep floats (10 min each)
 - i. Deep SOLO (Nathalie Zilberman)
 - ii. Deep Arvor (Corentin Renault)
 - iii. MOBI/OSEAN (Shigeki Hosoda and Steve Riser)
 - iv. Xuanwu (Zhaohui Chen)
30. 11:40am ASD update ([Birgit Klein](#), Delphine, 15 min)
31. 11:55pm Core CTD Sensors
- a. SBE cpcor (Marialeena Christopoulou, recorded, 15 min)
 - b. RBR (Mat Dever, recorded, 15 min)

12:30 - 13:30 Lunch

Thursday afternoon

This session is open and will feature vendor presentations focused on platform, CTDs and BGC sensors. Session will start with update from the Argo TCoP

- 32. 13:30 Technical Community of Practice report: ([Pat McMahon/Chris Gordon](#), 15 min)
- 33. 13:45 Platforms: – 15 min each
 - a. SBE
 - b. TWR

- c. MRV
- d. NKE
- e. TSK

15:00 – 15:20 Break

34. 15:20 CTD Sensors – 20 min each

- a. SBE
- b. RBR

35. 16:00 BGC Sensors: 15 min each

- a. Trios
- b. Aanderaa
- c. JFE
- d. RBR
- e. SBE

Friday:

Slack monitor for morning: Toshio

36. 9am Demonstrating OneArgo's value

- a. Argo bibliography & websites updates (Megan Scanderbeg, Orens de Fommervault 15 min)
- b. OneArgo as part of UN Ocean Decade (Megan Scanderbeg, Orens de Fommervault, 10 min)
- c. OneArgo communication
 - i. Newsletter / workshop / webinar / publications (Orens, Megan 10 min)
 - ii. Social Media (Orens, Megan 5 min)
- d. Outreach effort (Orens, Megan 5 min)
- e. Brochure (Victor Turpin, 10 min)
- f. UNOC review paper (Hervé Claustre, 10 min)

10:15 - 10:30 Break

37. 10:30am Fisheries Science Talks

- a. [William Cheung](#), UBC (15 min + questions)
- b. [Cicso Werner](#), NOAA (15 min + questions)

38. 11:10am New ML forecast system, Peter Oke (15 min + questions)

39. 12:00pm Upcoming International science workshops (Megan, Orens, 15 min)
- a. EGU in Vienna, April 27 - May 2, 2025
 - b. UN Ocean Decade, June 2025 in France :
(<https://oceandecade.org/news/united-nations-general-assembly-adopts-resolution-confirming-2025-edition-of-un-ocean-conference-in-france/>)
 - c. Euro-Argo Science Meeting in Greece on 22 - 25 September 2025. (Nicolas)
 - d. Pan-CLIVAR meeting in Bali, Indonesia on 22-26 September 2025
 - e. UN Climate Change Conference (COP30) in Belém, November 2025 ([Redirect Notice](#))
 - f. Ocean Sciences in Glasgow, on 22 - 27 February 2026
40. 12:15pm Future Argo Meetings (Megan)
- a. ADMT-26, 20 - 24 October, 2025 at Woods Hole
 - b. 2nd BGC ADMT Workshop, 27 - 29 October, 2025 at Woods Hole
 - c. AST-27, April 2026 in South Africa
41. 12:20 AST membership & other business

12:30 - 13:30 Lunch

42. 13:30 Open Discussion as needed
43. 14:30 Review of action items

15:00 END of meeting