

# 22nd Argo Data Management Team Meeting

8 - 10 December 2021 (13:00 to 17:00 UTC)

Virtual meeting

## Agenda (last updated 30 Nov, 2021)

Welcome and introduction **5** Sylvie Pouliquen & Megan Scanderbeg

### Session 1 - Wednesday 08/12/2021: Status & Real Time Data Management **4hr**

Chair: **Megan Scanderbeg**

#### Part 1 Status (Moderator:) **1hr**

- Feedback from AST **S. Wijffels, T. Suga 10'**
- Feedback from BGC-ADMT **C. Schmechtig 10'**
- Action Item Status **M. Scanderbeg 10'**
- How to improve interactions with modeling community **P. Oke 10'**
- Discussion **20'**

#### Part 2 Real Time Data Management, DACs (Moderator:) **1.5hr**

- DAC Real Time Status
  - ◆ timeliness on GTS and DACs **A. Tran, M. Belbeoch 10'**
  - ◆ anomalies (Action item 11) **C. Coatanoan, N. Verbrugge 10'**
- Real time qc tests and flagging of data
  - ◆ Deepest pressure test for shallow profiles (Action item 12) **C. Schmid & JP Rannou 10'**
- DAC collaboration or plans for 2nd DAC workshop??
- Combined Trajectory Files (v3.2): implementation status & when to stop accepting v3.1 Btraj files for floats with BGC traj data (Action items 13, 20) **TBD/BGC-ADMT 10'**
- DAC status discussion (Action items 9, 14, 15, 16, 17, 18) **20'**
  
- **Break 10'**

#### Part 3 Real Time Data Management, GDACs (Moderator:) **1hr**

- Update on NVS reference tables: roadmap on how to implement unconstrained fields and whether all ref tables can be entered (Action items 27 - 28, 60) **V. Paba 20'**
- GDAC status **T. Carval 10'**
- File Checker updates: plan for using NVS tables to update File Checker, roadmap on how to implement changes in File Checker (Action items 1-7) **M. Ignaszewski 10'**
- GDAC status discussion **20'**

## Session 2 - Thursday 09/12/2021: Pilot Data Management & Delayed Mode Data Management 4h

Chair: **Sylvie POULIQUEN**

### Part 1 Pilot Data Management - real time and delayed mode (Moderator: A. Wong) 1hr

- Deep Argo
  - ◆ Real time data/CPcor correction & Report on status of DMQC process for Deep Argo floats **15'** **C. Cabanes/Deep Argo working group**
  - ◆ Matlab tool for selecting deep reference CTD in OWC **5'** **J. Lyman**
- RBR data **20'** **M. Dever & A. Wong/RBR working group**
- Pilot data discussion **15'**

### Part 2 Delayed Mode Quality Control 1.5hr (Moderator:)

- SBE CTDs
  - ◆ Report from salty drift working group (Action items 38, 39, 40) **20'** **J. Gilson, A. Wong**
  - ◆ Updates from manufacturer Seabird **10'** **K. Martini**
- Under-ice position estimation **10'** **P. Oke**
- Under-ice position estimation **10'** **Kaihe Yamazaki**
- Trajectory files **10'** **M. Scanderbeg**
- DMQC code updates
  - ◆ Python version of OWC toolbox **10'** **K. Walicka**
- Discussion **20'**

→ **Break 10'**

### Part 3 DMQC monitoring and reference databases 1hr (Moderator:)

- Delayed mode monitoring at OceanOPS (Action items 49 - 52) **20'**
  - ◆ Monitoring percentage of floats that have been dmoded based on high priority float lists such as altimetry warning, MinMax warnings, OA warnings and FSD CTD serial numbers
  - ◆ Monitoring DM operators

- ◆ Orphan floats
- Discussion 10'
- DMQC reference databases 30
  - ◆ CTD\_for\_DMQC - joint update from (Action item 43) C. Coatanoan, S. Diggs, T. Boyer 10'
- Discussion 10'

## Session 3 - Friday 10/12/2021: Format, Value added tools, Upcoming meetings 4h

Chair: Megan Scanderbeg

### Part 1 Format updates 1 hr (Moderator:)

- Review [list](#) of proposed meta file changes & improvements 20' T. Carval
  - Proposed Additions:
    - ◆ Proposed Additions
    - ◆ Proposed Consistency Improvements (Action item 29)
- Review [list](#) of proposed changes that affect multiple file types 10' T. Carval
  - ◆ CF compliance to salinity and uncertainty
  - ◆ Adding DOI to files
  - ◆ Discussion: develop timeline for possible format updates which must also coincide with NVS, User Manual, and FileChecker updates 30' (Discussion Lead:)
- Break 10'

### Part 2 Value added section 1.5 hr (Moderator:)

- GADR status and updates (Action item 45) 15' T. Boyer
- ARCs combined quick status update from all 10'
  - Full ARC reports available with National Reports
- Core Argo Best Practices document status and pathway to official endorsement (Action item 58) 10' T. Morris
- Data visualizations, APIs, and access tools: report on which tools are advertised, where to find them, and how to keep this updated (Action item 59) 15' M. Scanderbeg
- ArgoOnlineSchool developed within Euro-Argo-Rise project 10' P. Velez/A Gonzales
- Feedback from OceanObserver workshop 10' C Gourcuff E Rusciano
- Discussion 15' (Discussion Lead:)

### **Part 3: Upcoming meetings 30min**

→ AST-23: 21 - 25 March 2022, Monaco with Monaco Ocean Week **5'** [H. Claustre](#)

→ Argo Forum with invited UN Ocean Decade Programs **5'** [B. Owens](#)

→ 7th Argo Science Workshop: October 2022 in Europe **5'** [C. Gourcuff](#)

→ ADMT-23: late fall 2022 at AOML **5'**

**Conclusions:** [M. Scanderbeg](#)