

# Agenda of the 19<sup>th</sup> Argo Data Management Meeting

6<sup>th</sup> – 7<sup>th</sup> December 2018

V3

## Objectives of the meeting

- Review the actions decided at the 18<sup>th</sup> ADMT meeting and progress made since last year
- Feedback from monitoring the quality of Argo float data processing in Real time and Delayed mode
- Discuss ways to improve real time and delayed mode data quality and identification and notification of sensor problems
- Review Regional Argo Data Centre progress
- Report from 7<sup>th</sup> Bio-Argo Workshop

**Schedule:** Meeting will start at 8h00 and finish around 18h00 on Thursday and 17h00 on Friday

## Thursday 6<sup>th</sup> December

### Welcome address (15mn)

- **Feedback from 18th AST meeting** : S. Wijffels, T. Suga (30mn)
- **Feedback on 6<sup>th</sup> DMQC Workshop** (J. Gilson, A. Wong) (30mn)
- **Feedback on 7<sup>th</sup> BGC-Argo Workshop**: (H. Claustre) (30mn)

Coffee break

- **Status of Argo Program and link with Users (1h00)**

Status on the actions 1,2,8,9

- **Review of the Action from last ADMT** (M. Scanderbeg) 20 mn
- **Argo Status + Real-time Monitoring** : including monitoring delays to deliver data to GDACS, monitoring of major anomalies detected each month, requested actions from DACs, trying to identify why some anomalies are not corrected (Mathieu Belbeoch) Action 8,9 (20mn)

- **Real Time Data Management (1h30)**

Status on the actions 3,4,5,6,7,10,11,12,13,14

- **GTS status** (Anh Tran) (15mn)
- **Status of anomalies at GDAC** (Christine Coatanoan) Action7 (15mn)
- **Status on Anomalies detected with Altimetry** (Nathalie Verbrugge) (15mn)
- **Feedback on improving spike and density tests** (C. Coatanoan) Action 10 (15mn)

12h30 Lunch break

- **Feedback on using MinMax climatology in RT test** ( S. Pouliquen, J. Gouillon, C Coatanoan) Action 11 (15mn)
- **Build a gradient climatology from Argo to help QC** (B. Owens, S. Wijffels) Action 11 (15 mn)
- **Grey list management** (T. Carval) Action 12,13,14 (15 mn)
- **New real time management system at CSIRO** (J. Lovell) (15mn)
- **Revisit flagging of Deep Argo data** (Annie Wong)

- **GDAC Services (1h30)**

Status on the actions: 15 to 26,28,37

- **Operation status at US-GDAC and Coriolis-GDAC** (Thierry Carval, Mike Frost) Actions 15,16,17,18,19,20,21,26,37 (30mn)
- **Status of Format Checker and process to update Format Checker** ( Mark Ignaszewski) Action 22,28 (20mn)
  - For profile files (emphasis on existing D-files)
  - For metadata, tech and trajectory files
- **Maintenance of tables centrally – who looks after additions and changes operationally?** (V. Paba, Thierry Carval, Mathieu Belbeoch, Catherine Schmectig) Actions 24,25 (10 mn)
- **Size of GDAC monthly DOI zipped file** (Annie Wong, Brian King)

Coffee break

- **Delayed Mode Data Management (1h30)**  
*Status on actions 36, 38 to 45*
  - **Progress on Argo Reference data base (0h30)**
    - Summary of the actions since ADMT-18 (C Coatanoan) Action 41
    - CCHDO/US-NODC-progress (K. Stocks, T Boyer) Action 41
  - Orphan float management (M. Belbeoch) Action 42,43,44 (15mn)

## Friday 7<sup>th</sup> December

- **Delayed Mode Data Management (continued)**  
*Status on actions 36, 38 to 45*
  - Post-correction to conductivity measurements on RBR CTD (J-M LeConte) (10mn)
  - How to capture dmode operator in d-files. Store this at DACs for now
  - How to come up with new metric to monitor percentage of suspicious floats that have been dmoded

- **Format issues (2h00)**

*The new formats mean a challenge for the DACs – how well are we implementing V3.1? What issues remain?*

*Status on the actions : 27, 29 to 35*

- Upgrade to V3.1 Real-Time and historical T&S floats at GDAC (J. Gilson, C. Coatanoan, all) Action 27 (15mn)
- Interaction with manufacturers and metadata (Mathieu Belbeoch)
- What information is stored for CONFIG\_MISSION\_NUMBER = 0 (M. Scanderbeg)
- CTD serial number, CTD model audit (J. Gilson) (10 mn)
- Under-ice positions (C. Schmid, E. Van Wijk) (15 mn)

Coffee break

- Feedback from AST on meta and tech parameters and current status of highly desirable CONFIG\_PARAMS (J. Gilson, E. Van Wijk, B. Klein) Actions 32,33 (20 mn)
- Update on Trajectory File Status and DAC Trajectory Cookbook (Megan Scanderbeg) (15 mn)
- **GADR Status of the Archiving centre** (T Boyer) Action item 31-32 (15mn)

12h30 lunch

- **ARCs: provide an information on what done and what is planned (1h30)**
  - Update on ARC progress (ARCs leaders) 15mn each
    - North Atlantic Cecile Cabanes
    - Mediterranean Sea Gulio Nortastefano
    - Pacific Ocean Fumihiko Akazawa
    - Indian Ocean Uday Bhaskar
    - Southern Ocean Birgit Klein/Matt Donnelly

Coffee break

**Summary of the 19<sup>th</sup> ADMT actions** ( S Pouliquen, M Scanderbeg) 30mn

- Location of 20<sup>th</sup> ADMT