

# Agenda of the 18<sup>th</sup> Argo Data Management Meeting

29<sup>th</sup> November – 1<sup>st</sup> December 2017

V1.0

## Objectives of the meeting

- Review the actions decided at the 17<sup>th</sup> ADMT meeting and progress made since last year
- Agree on clear criteria to include float data in the Argo data system and moving forward with Auxiliary data system
- Feedback from monitoring the quality of Argo float data processing in Real time and Delayed mode
- Review Regional Argo Data Centre progress
- Report from 6<sup>th</sup> Bio-Argo Workshop

**Schedule:** Meeting will start at 9am and finish around 1730 on Wednesday and Thursday. We plan to finish around 1300 on Friday.

## Wednesday 29<sup>th</sup> November

### Welcome address (15mn)

- **Feedback from 18th AST meeting** : S. Wijffels (30mn)
- **Status of Argo Program and link with Users (1h00)**

Status on the actions 2,3,11,13,21,32

- **Review of the Action from last ADMT** (M. Scanderbeg) 15 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 3,11,13,21 (30mn)
- **New Argo visualization website and API** (M. Scanderbeg) (15 mn)
- **Earth.nullschool.net update** (S. Diggs) (15mn)
- **Progress on Argo Data Paper and DOI** (S. Wijffels) (15mn)
- **Feedback on Citation advertisement** (T. Carval) Actions 2,32 (5mn)

13H00 Lunch break

- **Feedback on 6<sup>th</sup> BGC-Argo Workshop (H Claustre) (0h30)**
- **Feedback from the Profiling Float and Platform Workshop (S. Wijffels) (0h30)**
- **Real Time Data Management (2h)**

Status on the actions 4,5,6,7,8,9

- **GTS status** (Anh Tran) (20mn)
- **Status of delivery of BUFR to the GTS including BFFR converter tools feedback on the GTS test** (Anh Tran, Thierry Carval and Mike Frost) Actions 4,5,6 (20 mn)
- **Status of anomalies at GDAC** (Christine Coatanoan) (20mn)
- **Status on Anomalies detected with Altimetry** ( Stéphanie Guinehut ) (20mn)
- **Feedback on Investigation in changing RT order test to catch more anomalies** (C. Coatanoan) Actions 7,8 (15mn)
- **Status on density test implementation** (C. Coatanoan, ?) (15mn)
- **Density inversion test and alternate flagging algorithms** (J. Reißmann) (15 mn)
- **Proposal on how to include RBR data in Argo data system** (A. Wong) (15 mn)

- **Progress on Argo Reference data base (0h30)**

Status on the actions 10,11

- **Summary of the actions since ADMT-17** (C Coatanoan) Action 10
- **CCHDO/US-NODC-progress** (Steve Diggs, T Boyer) Action 11

## Thursday 30<sup>th</sup> November

- **GDAC Services** ( M Frost , T Carval) **(1h30)**

Status on the actions : 14 to 24

- **Operation status at US-GDAC and Coriolis-GDAC**(Thierry Carval, Mike Frost) Actions 15,16,17,18,19,22,23,24 (30mn)
- **Auxiliary directory tree status** (Thierry Carval, Mike Frost) Action 14 (20min)
- **Status of Format Checking operations for profiles** ( Mark Ignaszewski, Mike Frost) Action 16, 21, 23(20mn)
  - For profile files
  - For metadata, tech and trajectory files
- **Maintenance of tables centrally – who looks after additions and changes operationally?** (Thierry Carval, Mathieu Belbeoch, Catherine Schmectig) Action 21 (10 mn)
- **Status of the new GDAC Cookbook and profile Cookbook** (Thierry Carval, Mike Frost) Action 20 (10 mn)
- **Production and serving of Mprof.nc files**
- **New needs?**

- **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 : 25, 26,27,28,29,30

- **Upgrade to V3.1 Real-Time and historical T&S floats at GDAC** (all) (15mn)
- **Meta- and tech-data updates from Float and Platform Workshop** (R. Cowley) (15 mn)
- **Feedback from AST on meta and tech parameters and current status of highly desirable CONFIG\_PARAMS** (J. Gilson, E. Van Wijk, B. Klein) Actions 29,30 (20 mn)
- **Proposal on how to improve information on under-ice positions** (C. Schmid, E. Van Wijk, B. Klein) Action 28 (30 min)
- **How to accommodate Deep Argo ascending/descending profiles** (J. Gilson) (10mn)
- **How to store time series in tech files** (T. Carval, J. Gilson, J-P Rannou) Action 25 (20 mn)

- **Trajectory files (15 min)**

- **Update on Trajectory File Status and DAC Trajectory Workshop** (Megan Scanderbeg) (15 mn)

- 13H00 Lunch

- **Delayed Mode Data Management (1h00)**

- **Improving Delayed Mode Processing Monitoring and Priority setting** (S. Pouliquen, B. King and working group) Action 12 (45 min)
- **SBE41 Performance from delayed mode** (A. Wong, J. Gilson) (20mn)
- **Can Machine Learning help for DMQC analyzing History fields?** (G. Maze) (20mn)
- **Orphan float management** (M. Belbeoch) (15mn)
- **New topics ???**

## Friday 1<sup>st</sup> December

- **ARCs: provide an information on what done and what is planned (1h30)**

- **Update on ARC progress** (ARCs leaders) 15mn each
  - **North Atlantic** Cecile Cabanes
  - **South Atlantic** Claudia Schmid
  - **Mediterranean Sea** Gulio Nortastefano, Action item 34
  - **Pacific Ocean** Kanato Sato, Action item 35
  - **Indian Ocean** Uday Bhaskar
  - **Southern Ocean** Birgit Klein/Matt Donnelly

- **GADR Status of the Archiving centre** (T Boyer) Action item 31-32 **(0h30)**

Coffee break

Summary of the 18<sup>th</sup> ADMT actions ( S Pouliquen, M Scanderbeg) 30mn

- **Location of 19<sup>th</sup> ADMT**