

Agenda of the 11th Argo Data Management Meeting

11th October 2010

Objectives of the meeting

- Review the actions decided at the 10th ADMT meeting to improve Real-Time data flow (considering all aspects of the system from transmission from the float to arrival at GDAC and accessibility of data by users)
- Review the status of surface Pressure correction
- Review status of Delayed-Mode quality control and Progress to reduce backlog
- Review the metrics regarding Argo program to document future (and if possible past) growth and performance of the array and the data system
- Review Regional Argo Data Centre progress
- Report from the Two-way communication format meeting

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

Wednesday 20th October

The meeting will be opened by Pr Bernd Brügge head of the oceanography department at BSH.

1. Feedback from 11th AST meeting : (30mn) Susan Wijffels

2. Status of Argo Program and link with Users (2h)

Status on the actions 1,2,3

- Review of the Action from last ADMT (S Pouliquen)15 mn
- Argo Status (M Belbéoch)
- **Real-time Monitoring** : (M Belbeoch) Summary on major anomalies detected each month, Requested actions from . Trying to identify why some anomalies are not corrected.
- **DOI Index for Argo Data** (L Rickards)

3. Real Time Data Management (2h00)

Status on the actions :18,19,20,22,23,24,25,26,27

- **GTS status:** 30mn
 - Timeliness of data delivery: Review evidence provided by the MEDS statistics on the timeliness of data delivery via GTS. (A Tran)
 - Status GTS problems – Action 19 (M Ignaszewski)
- **Status of anomalies at GDAC** (C Coatanoan) 20mn
- **Status on Anomalies detected with Altimetry** (S Guinehut) 30mn Why no correction or feedback provided ?
- **Proposal to keep information on sensor failure with data** (T Carval)- Action 25
- **Feedback on test on upgrades of tests (Jump Test density test)** (S Jones) - Action 26 (15mn)
- **Status on application of common method for determining position and Time and attribute the appropriate QC**(Ann Gronell) Action 27
- Other issues ?

4. Pressure Correction

Status on the actions : 29,30,31

- **CSIRO audit of technical, meta data and pressure corrections** (Susan Wijffels/Jeff Dunn)
- **Status check of DMQC TNPD labeling in profile netcdf files** (J Gilson)
- **Status check of Pressure Adjustment in R and D files on the GDAC** (J Gilson)

• *Thursday 21st October*

5. Progress on Argo Reference data base (1h00)

Status on the actions 34,35

- **Summary of the actions since ADMT-10** (C Coatanoan)
- **CCHDO-NODC progress** (S Diggs , T Bloyer)
- **Discussion on improvement requested**

6. GDAC Services (1h30)

Status on the actions : 9,10,11,12,13,14,15,16,17

- **Feedback on actions related to GDCA (File Removal, Synchronization, md5)** (T Carval, M Ignaszewski) Actions 9,10,11,12,14
- **What's new at Coriolis and US Gdacs** (T Carval, M Ignaszewski)
- **Status check of DMQC format issues in profile netcdf files** (J Gilson)
- **Status of Format Checking operations (D-Files checking)** (Mark Ignaszewski)- Action 16-17
- **New needs?**

7. Delayed mode data management (1h00)

Status on the actions 33,34,35,36,37

- **Review backlog of DMQC** (Susan or Megan)
- **Action stats DMQC-4 Workshop** (Brian and Annie)
- **Sharing of regional expertise** (J Buck and A Wong)
- **Discussions**
- **Updates to the Argo QC Manual (Annie)**

8. Format issues (2H00)

While format is pretty well standardized for measurements and qc flags, experience at GDACS shows that there are discrepancies both at metadata and technical and history levels that ought to be resolved to the benefit of the community. Status on the actions : 28,36,37,38,39,40,41,42,43,44

- **BUFR Format** : Actions 21 Status on the experimentation phase (ALL)
- **Status on Tech Files updates** (Actions 28) (A Gronell)
- **Status on Meta-Files Update:** Actions 36,37,38
- **Multiple sensors and multiple axes after endorsement by AST11** (T Carval) Action 42
- **Status on bounced profiles format** -Actions 39(C Schmid)
- **Improvement needed to be CF compliant** Action 43(T Carval)
- **Status on Oxygen Data resubmission** - Action 40 (T Kobayashi)
- **Feedback from 2-way Format Workshop** (M Belbeoch)

Friday 22nd October

9. Trajectory from Argo data (1h00)

Status on the actions 4.5,6,7,8

- **Feedback on Trajectory progress since ADMT10** (B King???)
- **Status on trajectory file checks** (M Scanderberg)
- **DACs to report on their trajectory data decoding (DAC)** action AST-11
- **Status on implementation of trajectory file change** (DAC)-Action 7

10. RDACs: provide an information on what done and what is planned (1h00)

- **Feedback on action from last year ARC meeting** (A Gronell & C Schimd)
- **Feedback from Godae QC experiment** (J Buck)

11. GADR (1h00)

Status on the action 54,55

- **Status of the Archiving centre** (C Sun)

12. Other topics (1h00)

- **Summary of the 11th ADMT actions** (S Pouliquen M Ignaszewski) 30mn
- **Location of 12th ADMT**