

DAC Trajectory Workshop
Hamburg, Germany, 1 – 2 December, 2017
Host: BSH

Day one: 1 December 14h30 – 17h30

Day two: 2 December 9h00 – 12h30

Location: BSH

Day 1

1. 14h30 Welcome and Overview of Workshop goals and review of trajectory file (M. Scanderbeg)
2. 15h00 Working groups to take actual float data and match it to measurement codes. Please come prepared to participate. Float data will be provided and groups will be asked to work with it and present matching measurement code results to the entire group.
 - 2.1) APEX APF9 with Argos
 - 2.2) APEX APF9 with Iridium/NAVIS N1 and N2
 - 2.3) ARVOR

Break: 15h30 – 16h00

3. 16h30 Presentation and feedback from lead of each working group. The results of this exercise will be incorporated into the next DAC Trajectory Cookbook to improve these float type sections and make the process of creating trajectory files more clear.

Day 2

4. New float types
 - 4.1 9h00 Deep SOLO (J. Gilson)
 - 4.2 9h20 B-traj files (Coriolis?)
 - 4.3 9h40 APF11 (?)
 - 4.4 Others? Incorporate new floats into DAC Trajectory Cookbook (M. Scanderbeg)
5. Real time implementation
 - 5.1 10h00 File Checker requirements and new possibilities (?)

Break: 10h30 – 11h00

- 5.2 11h00 Real Time QC tests (B. Cowley)

- a) Are DACs doing real time QC tests?
- b) Can the real time testing of GPS positions be improved?
- c) How to translate information from profile files to trajectory files: ie, grey listed floats, pressure or salinity adjustments in real time

6 Delayed Mode Trajectory (J.Gilson)

7. Future

7.1 11h40 Code Sharing and Git Hub (B. Cowley)

7.2 12h00 How to help DACs struggling with the transition to v3.1

7.3 Meeting wrap up

Meeting adjourns Saturday 1 December, 12h30