

## **Argo & New Telecommunication Systems Technical Workshop/ADMT#11**

**Date/Place:** BSH, October 19th 2010 - 9h00 (ADMT plenary meeting room)

### **Workshop objectives (*M. Belbeoch*)**

Bi-directional telecommunication systems are a crucial element in the future of the Argo array.

The number of floats using these technologies is likely to grow rapidly from now.

Some Argo groups have now gained enough experience to feedback to the community.

This workshop aims to share the experience about practices (mainly on Iridium), discuss impact on data formats (raw and final) and discuss on the potential ways to harmonize practices.

### **1.) Agenda review**

#### **2.) AST feedback**

- Science issues, sampling methods (*B. Owens*)

#### **3.) Practices**

*To report on use of Iridium (and Argos-3), telecom. settings, float settings, data distribution details (data service providers, data flow, data formats), experienced gained (advantages/disadvantages/advice), issues for ADMT, etc.*

- User reports
  - WHOI-SOLO (*B. Owens*)
  - UW-APEX (*A. Wong*)
  - SIO-SOLO (*J. Gilson*)
  - JAMSTEC- APEX/NEMO (*K. Sato*)
  - CSIRO-APEX (*A. Thresher*)
  - PROVOR /ARVOR (*Coriolis*)
  - AWI-NEMO (*O. Klatt*)
- Data Centre reports (*from the raw data to GDAC/GTS distribution*)
  - AOML (*C. Schmidt*), Coriolis (*T. Carval*), CLS-CLS/A (*Y. Bernard*), other ?
- AIC Report (*Belbeoch*).
- Round table (other national reports, discussion)

#### **4.) Data formats**

- Raw data formats issues, decoding problems, solutions (*Discussion*)
- Impact on real-time floats tracking by the AIC. (*Belbeoch*)
- GDAC issues. Impact on data/metadata/traj/tech netCDF files (*Discussion*)

#### **5.) Conclusion**

Feedback for AST and ADMT. Recommendations.

Actions List. Next step.