

UK Argo National Data Management Report

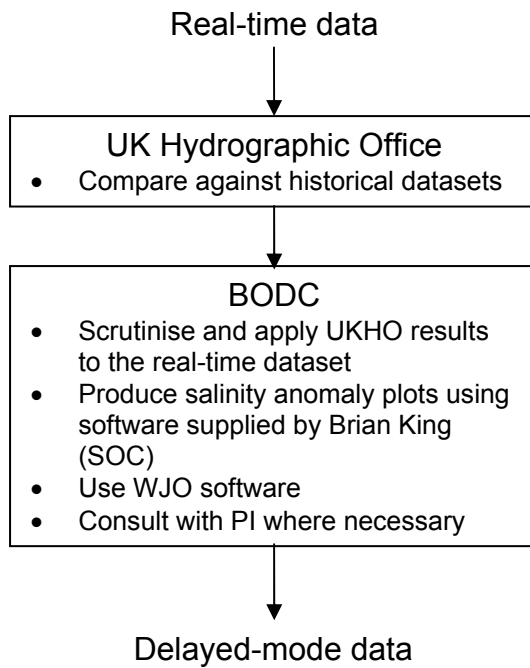
5th Argo Data Management Meeting

1. Status

- *Acquiring data from floats* – Data from all UK floats is received at BODC by automatic download from the CLS database once every 24 hours.
- *Data issued to GTS* – All UK data is issued to the GTS by CLS.
- *Data issued to GDACs after real-time QC* – All UK data received at BODC is passed through the agreed real-time quality control tests within 24 hours of the data arriving at BODC. All data that has been processed at BODC is queued for transferred to both GDACs which occurs daily. Any file that fails to be transferred is queued for the next transfer attempt the next day.
- *Data issued for delayed QC* – All UK float data is ready to be subjected to delayed mode quality control procedures.
- *Delayed data sent to GDACs* – The WJO software has been installed at BODC and floats are beginning to be pushed through it. Delayed-mode data are now being sent to the GDACs.
- *Web pages* – BODC hosts the main data information and access pages. These pages contain for example of a list of the current status of all UK floats deployed, automatic request system for all UK float data, links to both GDACs and other Argo related sites and an interactive map giving information on last known positions, deployment positions and direct links to profile plots of the last profile reported by every float. Other information about Argo is also available. This site is currently being updated and will be going live at the end of September 2004.
- *Statistics of Argo data usage* – At least 8 research grant funded projects are currently running in the UK that make use of Argo data. Scientific applications that use Argo data are looking at long-term monitoring, seasonal variability and climate change.

2. Delayed Mode QC

BODC is in the final stages of setting up the system and software to enable delayed mode data to be provided to the GDACs. The organisation of performing delayed mode qc is shown in the diagram below. The first UK delayed-mode netCDF files have been sent to the GDACs.



3. GDAC Functions

The UK do not run a GDAC.

4. Regional Centre Functions

See separate report on Southern Ocean RDAC.