Status of UK Bio-Argo

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(on behalf of UK Argo)

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NATURAL ENVIRONMENT RESEARCH COUNCIL

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Fleet summary

Float type	Deployed	BGC Sensors
APEX APF9	4	Aanderaa Optode, FLBB (Chl-A, backscatter)
PROVOR BGC	11	Aanderaa Optode, Wetlabs PUCK, OCR504
NAVIS BGCi	4	SBE63, Wetlabs MCOMS, OCR504
NAVIS + Irradiance	3	OCR504
ARVOR Deep + Oxygen	2	Aanderaa Optode
APEX Deep + Oxygen	2	Aanderaa Optode

Pending floats include:
Deep APEX with optodes
2 PROVOR BGC, 3 NAVIS BGCi, and 8 NAVIS with O2

Data processing status

Pressing issue is resource for data management (human and financial)

Focus of work since ADMT16

- Data system efficiencies with BODC to free up resource for development
- V3 formats core data first (metadata and ~40% core profiles at GDACs)
- Reinstating core Argo DMQC
- Establishing a sustainable funding model, expect to be able to report outcome for next AST meeting

Bio-Argo data delivery:

- Once Core V3 well established and DMQC running
- BoBBLE project, development resource for near-surface & radiometer equipped floats (does not cover legacy data though)
- AtlantOS project, support for Bio-Argo QC

In the meantime data are available upon request from Giorgio Dall'Olmo (PML)