

Argo National Data Management Report for ADMT-25

Each country is asked to send a National Report using this document as a guide for the material to be reported. As we take steps to modernize the real time processing chain, we have changed the format for the Real Time Status to help better understand the current status at each DAC. We also updated several other section prompts and ask that you use this updated template when writing your report.

Reports are DUE: 10 October 2024

1. Real Time Status

Please report the status of your real time data processing for all Argo Missions, including pilots. If you have not yet implemented the tasks, please give us an estimate of when you expect the task to be completed. Here are some questions to answer:

- How many floats are you currently processing & what type are they?

Float family	Number of versions	Number of floats* (*approximate)
APEX		
ARVOR	1	15
PROVOR		
Navis		
BGC Navis		
SOLO/S2A		
Deep SOLO		
Deep Arvor		
Other (customize additional rows as needed)		

- How many different sensors are you currently processing?

Parameters	Type(s) of sensor for that parameter
Temperature/Salinity	SBE41cp
Oxygen	
NO3	
pH	
Chla	
bbp	
irradiance	

New Sensors you have begun processing (either deployed in past 12 months or expected in the next few months)	Have all the Argo vocabularies been implemented to accommodate the sensor? (Yes, No, In progress)

- What is the status of BGC processing and RTQC test implementation? See here to get the version of manuals you are using to process and qc the BGC variables or : [Documentation - Argo Data Management \(argodatamgt.org\)](http://argodatamgt.org) If your floats **do not** include a listed parameter, please enter 'N/A' (Not Applicable); if your floats **do** include the listed parameter, but you have not yet implemented processing for this parameter, please enter 'N/I' (Not Implemented).

: No information

parameter	Processing cookbook version you are using (ie, current or version 2.0 Oct 2018)	QC manual version you are using (ie, current or version 2.0 Oct 2018)	Notes on when changes will be made to update to latest version
oxygen			
NO3			

pH			
Chla			
bbp			
irradiance			

- What is the status of RBR data processing (if applicable)? Are you adjusting salinity in real time? See [DACs with floats with RBR CTDs to implement real-time salinity adjustment as per QC Manual, and flag PSAL_ADJUSTED_QC = '1' in 'A' mode. Real time adjusted data can be distributed onto GTS - Issue #55 - OneArgo/ADMT \(github.com\)](#)

: No information

RBRargo3 2K model	Are you filling Adjusted data (A mode) following User Manual 3.8 instructions?	Notes or additional information
pre-April 2021		
post-April 2021		

- Are you regularly applying real time adjustments for the following items:
 - Salinity adjustments
 - Cpcor for deep floats
 - BGC parameters (if so, which ones)

	Yes/No for current R files	Are you going back to make adjustments on all available R files when new adjustment comes in?	Notes or additional information

Salinity adjustment	Yes	If possible	
Cpcor adjustment for Deep floats			
oxygen			
NO3			
pH			
Chla			
bbp			
irradiance			

- What data are you sending onto the GTS?
- What data is going to the aux directory? UVP, FL2BB, etc
- Are you automatically greylisting questionable floats detected by min/max test?
- What is the status of the transition to v3.2 trajectory files? When do you think you will be ready to stop acceptance of v3.1 Btraj files?
- Do you have any code to share with other DACs? If so, where is that available?

: No information

2. Delayed Mode QC status

This section of the report is for reporting on the status of DMQC in your country and is the place to share your progress, your challenges, your concerns and any links to shareable tools or code. The following questions to help guide you:

- What is the status of delayed mode trajectory files? Have you created any dmode trajectory files? If not, what are the reasons? If you have, would you be interested in sharing your experiences with others?

: We are not able to create dmode trajectory file. I heard that technically we are having difficulty creating dmode trajectory file. This is one of the issues that needs to be addressed in the future.

- How are you implementing BGC dmode - by parameter or one expert does all parameters?

- What challenges have you encountered and how have you dealt with them?
- Do you have any code or tools you'd like to share with other DM operators? If so, where is that available?
- Do you have any concerns you'd like to bring to the ADMT?

3. Value Added items

- List of current national Argo web pages, especially data specific ones
- Known National Argo data usage
 - Please list known operational centers using Argo data in your country in this table:

Operational center	Contact (name, email), if known	What data do they use? (for example, core, BGC, all profile data, trajectory data)
KIOST	https://oceanclimate.kr/kioست_argo/	we made a website to introduce KIOST Argo DAC. However, we are not yet able to provide Argo data through the website.

- Products generated from Argo data that can be shared
- Publicly available software tools to access

4. GDAC Functions

If your centre operates a GDAC, report the progress made on the following tasks:

- Operations of the ftp server
- Operations of the https server
- Operations of a user friendly interface to access data
- Data synchronization

- Statistics of Argo data usage : Ftp and https access, characterization of users (countries, field of interest : operational models, scientific applications) ...

: no information

5. Regional Centre Functions

If your Nation operates a regional centre, report the functions performed and any future plans.

: no information

6. Other Issues

Please include any specific comments on issues you wish to be considered by the Argo Data Management Team. These might include tasks performed by OceanOPS, the coordination of activities at an international level and the performance of the Argo data system.

: We are considering changing the name of KORDI DAC to KIOST DAC.