Argo National Data Management Report – Norway 2019

Institute of Marine Research (IMR), Norway

1. Status

- **Data acquired from floats**

Presently there are 22 operational/active Norwegian floats. 13 floats have been deployed in 2018. Data from all operational floats are available from the GDACs.

- **Data issued to GTS**

All Norwegian floats are processed in real-time by Coriolis and delivered to GTS.

- **Data issued to GDACs after real-time QC**

All profiles from Norwegian floats are processed in real-time by Coriolis and exchanged with GDACs.

- **Data issued for delayed QC**

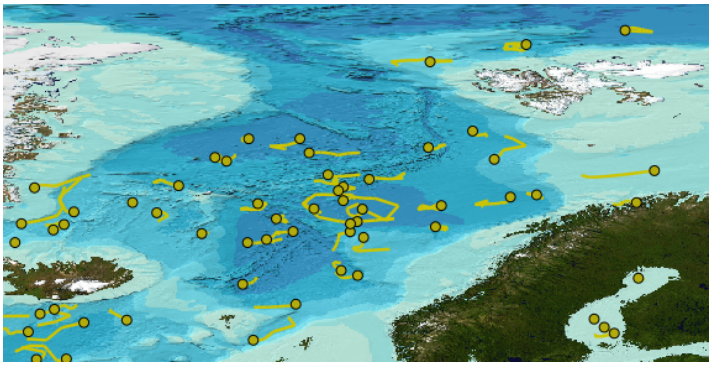
At present (07.10.2019) the Norwegian Argo fleet comprises 44 floats. According to Argo Information Center the floats have so far sampled 4599 profiles, where 3632 profiles are Delayed Mode and 569 profiles are DM-pending.

- **Delayed data sent to GDACs**

BSH (Germany) has done the Quality Control of all Norwegian floats, and the D-files are submitted to Coriolis with a short summary and diagnosis figures.

- **Web pages**

A new web page for NorArgo (norargo.no) has been developed that IMR updates. The web page has a link to daily updates of all operational Argo floats in the Nordic Seas and Arctic Ocean (see figure) and where profiles can be viewed.



- **Statistics of Argo data**

We have no statistics of Argo data usage. IMR uses the data as part of the monitoring program for the marine environment in Norwegian waters. The NERSC routinely assimilates the data into their TOPAZ4 model and assimilation system for operational monitoring and forecast of the ocean climate. The data are used in many research projects and in master and Dr. thesis.

- **Products generated from Argo data …**

The ocean heat and fresh water contents of the Norwegian Sea are regularly updated.

2. Delayed Mode QC

BSH has adopted all the 44 floats from Norway for DMQC (see report for Germany).

3. GDAC Functions

4. Regional Centre Functions

5. References