ARGO-CANADA BIOGEOCHEMICAL DATA CENTER

FOR: 21TH ARGO DATA MANAGEMENT TEAM MEETING

WHEN: DEC 1, 2020

PREPARED BY: ANH TRAN

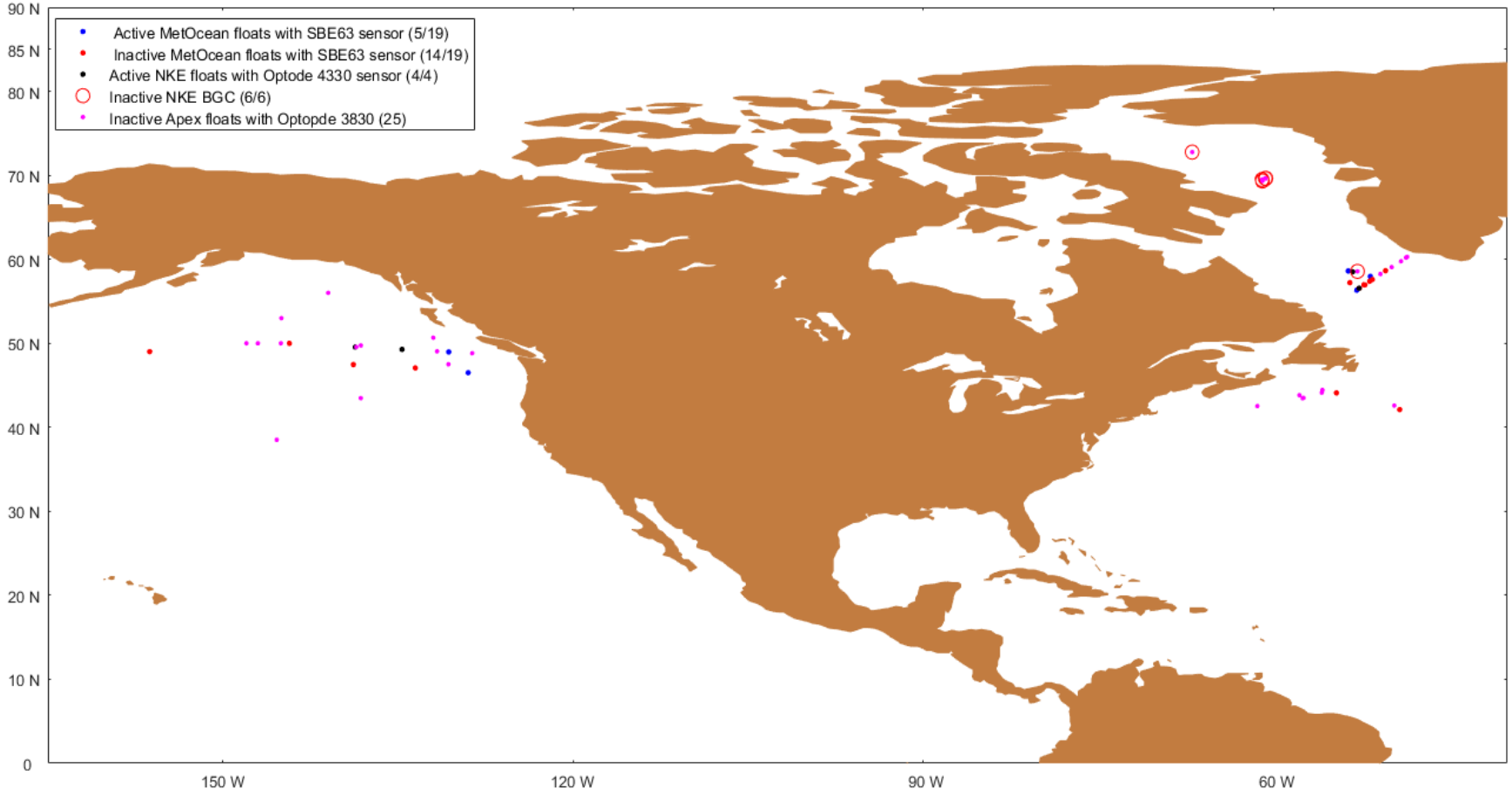
DATA MANAGEMENT

- **Current Floats inventory**
  - Argo Canada deployed a total of 48 floats with oxygen sensor only. 9 of 48 floats are still active.
  - Takuvik deployed 6 BGC floats which are no longer active.
  - Argo Canada is partner with University of Victoria to deploy 7 floats with DOXY sensor in Pacific in 2020.
- **Real-time data management**
  - DFO are responsible for data management of floats deployed under Argo Canada program. Data collected by these floats are processed, real-time quality control and transmit to the GTS at the same frequency as the core Argo floats. DOXY data are flagged as “3” for GTS circulation. DOXY data are adjusted using SAGEO2 as report is available.
  - Coriolis is handling data processing for Takuvik’s floats

DATA MANAGEMENT

- **Delayed-mode data management**
  - 5 floats with DOXY sensor have completed the QC and the DMQC files are available at the GDAC. Other inactive DOXY floats data have been adjusted and are waiting for DMQC
  - Chris Gordon hired to oversee the delayed mode process for Argo biogeochemical floats. He has been working on converting SAGE O2 software written in Matlab into Python.

FUTURE PLAN

- Argo Canada has a contract with NKE for supply of BGC Argo floats. We bought a few BGC Argo floats which will be delivered in 2021.
- Canada Foundation for Innovation will provide funding for BGC Argo Program for the NW North Atlantic Ocean submitted by Katja Fennel, Dalhousie University.

FLOATS DEPLOYMENT LOCATIONS