



Russian Federation National Report

DBCP – NO.36, webconf, 06 October 2020

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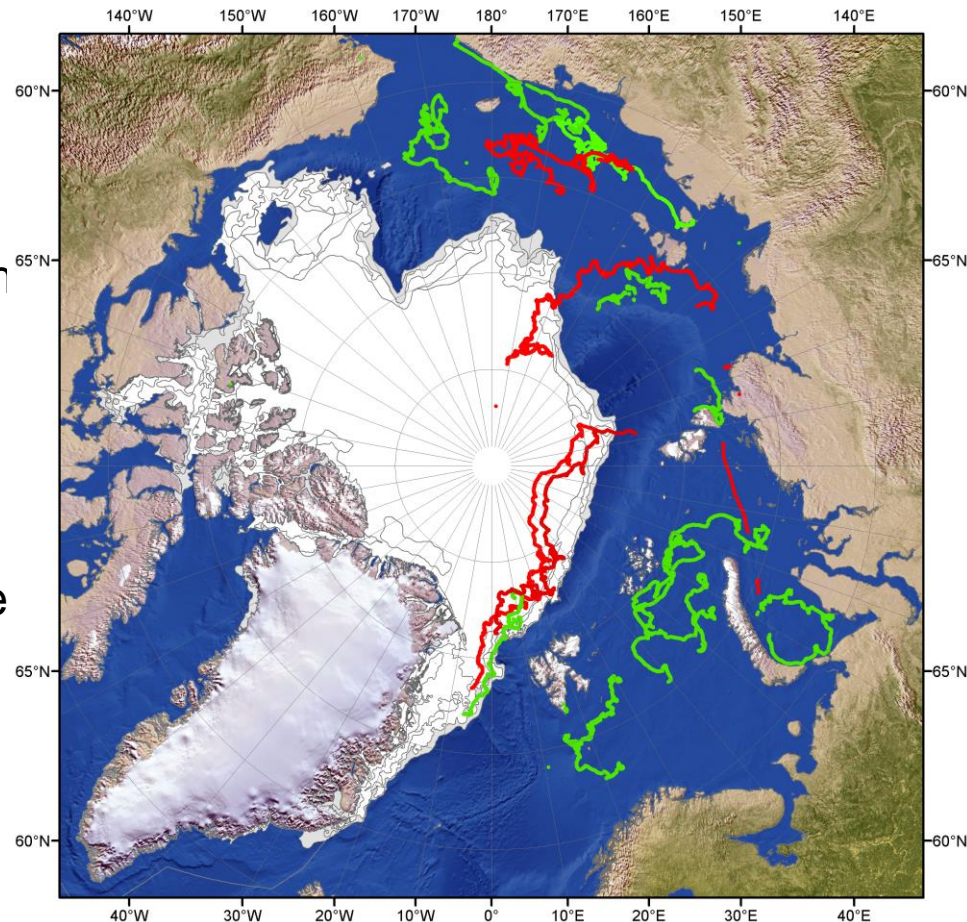




Key successes highlights

GENERAL PROGRESS FOR 2019-2020 (AS OF 02.OCT'2020)

- ❑ Current main purposes of the national buoy program remain to support:
 - ❖ the met-ocean research for the Year of Polar Prediction (YOPP) Special Operational Periods (SOP) and Targeted OP (TOP), in particular the 3rd SOP – the MOSAiC
 - ❖ the operational meteorological support for activities in Eurasian Arctic
- ❑ Totally 20 Lagrangian SVP-B/40H type (air pressure, air temperature, surface ice/snow/water temperature, GPS positioning, ARGOS communication) buoys were in operation during last year (02/10/2019 - 02/10/2020)
- ❑ Totally 7 are active as of Oct 2nd 2020
- ❑ The shortest/longest periods of operation – 6d (broken by ice)/503d



Red – active 01.10.2020, green – inactive 01.10.2020

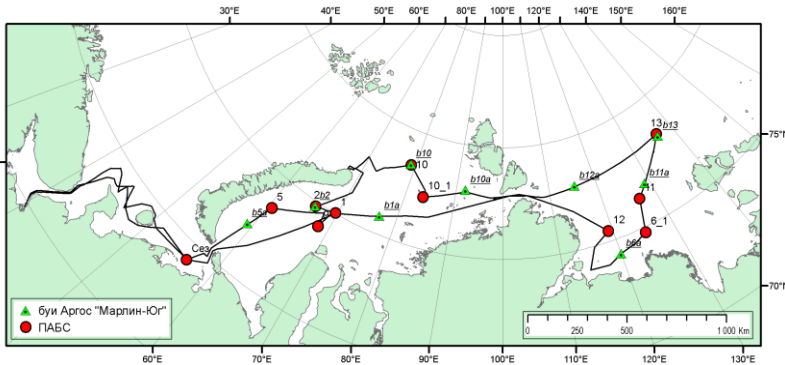


Impact of COVID-19

- ☐ No drifters deployment during Covid19 crisis (March 2020 → mid September 2020)
- ☐ All new deployments shifted to autumn 2020 – spring/summer 2021, including BARNEO-2021 near North Pole



Data usage and current status:



**Sep 30th
2020**

**Oct 2nd
2020**



- ☐ Verification of YOPP reanalysis remain main usage
- ☐ Totally 8 new of SVP-B/40H type are under deployment in Oct 2020 under agreement between AARI - Marlyn-Yug – Uni Washington within Kara - Laptev Seas
- ☐ Method of deployment for 2020 – from board of research vessel during AARI expedition
- ☐ 4 SVP-B/40H type with 2m/5m SST thermoprobe are planned for deployment in the Arctic Basin during spring 2021 from helicopter
- ☐ 10...15 of SVP-B/40H type with 2m/5m SST thermoprobe extensions are planned for summer/autumn 2021



DBCP assistance, help

- ❖ General endorsement of the activities**
- ❖ Logistics question remains – whether or not to use the drogue / underwater sail in the Arctic ?**