



PAME II-2020 – Shipping Expert Group Pre-meeting

Agenda item 6.8 (a)

Arctic Ship Traffic Data (ASTD) – Summary Status

Co-leads: Norway, USA, PAME Secretariat

[The ASTD project](#) is progressing well. Phase I concluded with adding the capability to download all data, which was a big milestone for the project. In addition, an FTP Server has been set-up to further help with transfer of data to users.

ASTD data is currently being used in many different PAME projects, including the Arctic Shipping Status Reports, the Arctic Marine Tourism Project, the Underwater Noise project, and others.

Users who have gotten access to ASTD are around 170. They come from different countries and organizations, such as the Korea Maritime Institutions, Institute of Global Climate and Ecology in Russia, University of Alaska-Fairbanks; Pacific Northwest National Laboratory (PNNL) in addition to more familiar PAME-faces such as WWF, DMA in Denmark, DFO Canada, CCU and others.

Much time on behalf of the PAME Secretariat goes into maintaining and running the ASTD System, in addition to answering questions and helping users with data.

Next Steps: Phase II of ASTD is in place and next additions include:

- A simple system to insert data on accidents in the Arctic (2020)
- A new pre-defined area, *The Arctic Circle*, will be added for analysis (2020)
- New data fields added from raw data to ASTD data (2020)
- Type of shipping function, to determine which type of shipping activity is taking place (destinational, trans-Arctic or intra-Arctic) (2021)
- New fuel calculations in light of changes in the fuel use of ships (2021)
- Further data additions (2021)

ASTD is a an ongoing activity within PAME and will continue to be reflected as such in the 2021-2023 PAME Work Plan.