



# Arctic Ship Traffic Data

## *UPDATE AND NEXT STEPS*

*PAME-I 2020 meeting*

*Oslo, Norway*

*[www.astd.is](http://www.astd.is)*

**PAME**  
Protection of the Arctic Marine Environment

# Arctic Ship Traffic Data (ASTD)



1. Applications overview
2. ASTD Supporting Documents
3. Completion of ASTD Phase I
4. ASTD Outreach PDF's
5. Next steps

# 1. Access Overview

Applications

No. of people  
with access

Level I

1

5

Level II

17

62

Level III

9

39

## *Application breakdown*

Accredited Academic Institutions

4

19

Admin (including tests and persons working on the System)

0

4

Arctic Council Observer Organizations

3

13

Arctic Council Observer States

1

1

Arctic Council Working Groups and Task Forces

0

0

Governmental Institutions

18

65

Permanent Participants

0

0

Recognized Research Entities

2

7

*Total*

**28**

**119**

Total amount paid for Level 3 access

14.300 USD

## 2. ASTD Supporting Documents

- Cooperative Agreement among the Arctic States Regarding Arctic Ship Traffic Data Sharing
  - Approved by SAO's in April 2017
- ASTD Framework has four Attachments
  1. Access to and use of the ASTD System
  2. ASTD Data sharing Agreements
  3. ASTD Budget
  4. ASTD Designated Contact Persons
- Attachments 1 and 2 have been updated to better serve the ASTD Framework

### 3. Milestone - ASTD Phase I completed in March 2020

- Download functionality added
  - Will allow for easy download of detailed data, e.g. less aggregated
  - Each month will be automatically uploaded to the ASTD System
  - Certain data not been available since ASTD launch
- To be completed Feb/March 2020

Arctic area traffic Collapse >

*i* Displays traffic, fuel consumption or emissions by ASTD or IHS Fairplay categorization of ship types.

Select area of interest:  
 EEZ  LME  SAR  PAME  
 Polar code

Select your region from the list below or click on the map:

Main ship type:  
 ASTD types  IHS Fairplay

Select vessel types:  Select all  
Bulk carriers, Chemical tankers, Container ships, Crude oil tankers

Statistics type:  
Number of unique ships

Select period:  
2019

**Data download**

Map © ArcticConnect. Data © OpenStreetMap contributors  
alti Hreinnsson Developed by Asplan Viak Internet

# 4. ASTD PDF's for Outreach

- Simple PDF documents with Frequently Asked Questions
- Easy to make and easy to share
- Goal is to facilitate further use of the ASTD data
  - Follow up with workshops?
- Four types to be made:
  - For Arctic States (governmental agencies)
  - For Arctic Council PP's and WG's
  - Professional Institutions
  - Arctic Council Observers



## ASTD

### FAQ for Arctic States

ASTD FAQ FOR ARCTIC STATES

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#### About this document

- This document explains PAME's Arctic Ship Traffic Data System, what data it includes and how Arctic States can get access.
- Its purpose is to further raise awareness of the ASTD system; and to facilitate access to attract more applications and further use of the ASTD System.
- This document can and should be shared among anyone from governmental institutions who could benefit from having access to ASTD.
- Any questions should be sent to [hjalti@pame.is](mailto:hjalti@pame.is) or [pame@pame.is](mailto:pame@pame.is)

ASTD FAQ FOR ARCTIC STATES

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#### 1. What is the ASTD Project?

- PAME's ASTD Project is in response to a growing need within PAME and the Arctic Council, to collect and distribute accurate, reliable, and up-to-date information on shipping activities in the Arctic – which is the main objective of the project.

# 5. Next Steps

- Update all ASTD documents (ongoing)
  - User Guide
  - ASTD Access Documents
  - ASTD Data document
  - ASTD Library
- Finalize download functionality (ASTD Phase I)
- Add section to send in requests/ideas for further additions to ASTD
- Further use of ASTD data in PAME projects
- Complete and distribute ASTD PDF's for outreach
- Progress on new additions (ASTD Phase II)
  - Including information from Arctic Council WG's
  - Sea ice information, marine litter component and accidents and incident information in progress

Thank you