



## ARCTIC SHIP TRAFFIC DATA: Level 3 access and fee structure

### ASTD Background

The Arctic Ship Traffic Data (ASTD) project is an initiative from PAME to collect historical information on shipping activity in the Arctic from the Arctic Council member states, to use for trend analysis and related purposes.

The Senior Arctic Officials of the Arctic Council approved the *Arctic Council Framework for Cooperative Action on Arctic Ship Traffic Data Sharing* (“ASTD Framework”) in May 2017. The purpose of the *ASTD Framework* is to describe and define the general conditions for the intended sharing of Arctic Shipping Data among the Participants. It also outlines access to others than Arctic Council member governments to the data.

[Click here to read the ASTD Framework.](#)

[Click here to read more about the project](#)

### Access to and use of ASTD Data

The *ASTD Framework - Attachment 1* outlines access to and use of ASTD data. It describes three different access levels to data. Level 1 and Level 2 is exclusive for Arctic States that are current on their annual *pro rata* share financial contributions but Level 3 access is for:

*"Arctic States that are not current on their full annual pro rata share financial contributions; Permanent Participants; and Arctic Council Subsidiary Bodies. Additionally, upon payment of a financial contribution in an amount decided by PAME - member governments, Arctic Council Observers and other professional organizations (e.g., accredited academic institutions, recognized research institutes, registered non-governmental organizations) that have a demonstrated public commitment related to the protection, conservation, and sustainable use of the Arctic marine and coastal environment."*

## Description of data

### As described in the ASTD Framework

*LEVEL 3 access means access to the same data as is available under LEVEL 2 except that ship type information is aggregated into 13 ship types instead of around 50 ship types.*

*To gain free access, applicants must fill out the form and send it to the PAME Secretariat ([pame@pame.is](mailto:pame@pame.is)).*

*For users eligible for access only upon payment of a fee, applicants must fill out the form and send it to the PAME Secretariat ([pame@pame.is](mailto:pame@pame.is)). The PAME Secretariat will contact the successful applicant for payment of the fee. Once the fee is paid, access will be granted.*

*The PAME International Secretariat will notify all Participants of each LEVEL 3 application. LEVEL 3 access may be granted only if there is consensus to do so among all Participants. If no Participants objects to the LEVEL 3 request within seven (7) calendar days after notification by the PAME International Secretariat, the requestor will receive a username and password after it has submitted a completed data sharing arrangement (Attachment Two).*

The data includes:

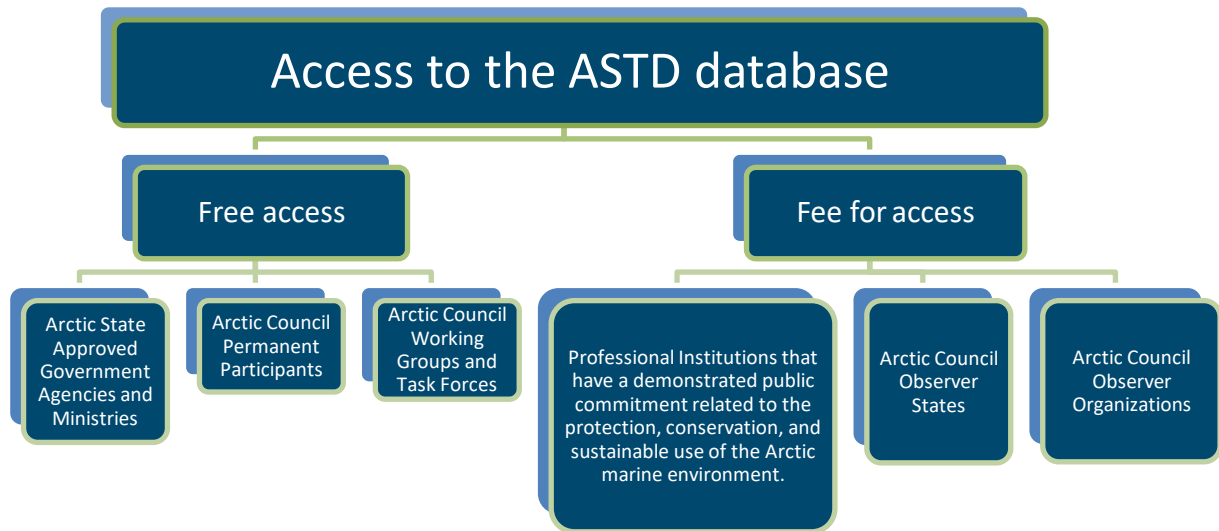
- ✓ UTC timestamp of position report
- ✓ Latitude and longitude
- ✓ Speed over ground
- ✓ Course over ground
- ✓ Detailed Ship type for each ship sailing, 13 ship types included
- ✓ Emission data for each ship
- ✓ Tonnage
- ✓ Size
- ✓ Engine data
- ✓ Tank volumes
- ✓ Anticipated main fuel types
- ✓ Entries to specific ports in the Arctic
- ✓ Information from specific areas in the Arctic, including EEZ, Large Marine Ecosystems of the Arctic and Marine Protected Areas

## Fee structure

ASTD Participants decide whether an applicant will gain access to the ASTD Systems as outlined in this document, and, if so, the level of access granted. The PAME International Secretariat will act as the administrator for granting the appropriate level of user access once ASTD Participants have made a decision on an application.

The ASTD Framework establishes who may access the ASTD System, how access is sought, what data may be accessed, whether a fee is charged, and how ASTD data may be used. The ASTD Framework defines three levels of access to the ASTD System – see below. The graphic

and table below describe these three access levels. Through PAME, Participating Arctic States have paid for the development and ongoing maintenance of the ASTD System and have full access to the System, subject to the terms of the ASTD Framework.



The Data is accessible through the ASTD System. The Data is stored on secure and dedicated servers as part of the Network described in the ASTD Framework, for which the Norwegian Coastal Administration (NCA) is the Network Manager.

The amount decided by the ASTD Co-leads differ between the length of access. The financial contribution will allow access via a username and password provided by the PAME Secretariat for the specific time only. After the period of time, the username will no longer be valid. Users can log in as many times as they want within the chosen period of time, and access all the data currently available.

**Cost of access\***

<b>Nr.</b>	<b>Time</b>	<b>Cost (USD)</b>
1.	1 month	750
2.	3 months	1000
3.	6 months	1500
4.	12 months	2500
5.	36 months	5000
6.	48 months	6000

*\*Amounts are subject to change*