



Arctic Ship Traffic Data (ASTD) System

Access to Level I – ASTD System Access Application and Data Sharing Agreement

This document serves both as an application by the National Oceanic and Atmospheric Administration (U.S.) to access Level I data in the ASTD System and, once signed by the PAME International Secretariat, a Data Sharing Agreement that sets forth the terms and conditions according to which NOAA is granted Level I access. All applicable provisions of the Arctic Council Framework for Cooperative Action on Arctic Ship Traffic Data Sharing (“ASTD Framework”) are herein incorporated by reference and apply to this Data Sharing Agreement and its signatories.

About this ASTD System Access Application and Data Sharing Agreement

Once received from the applicant, the PAME International Secretariat will circulate this ASTD Access Application and Data Sharing Agreement to the designated ASTD Participant Contact for each Arctic State that is an ASTD Participant. Access to the requested ASTD data normally will be granted unless an Arctic State that contributed any of the requested data decides to withhold it. Access granted is subject to the terms and conditions of the ASTD Framework and this Data Sharing Agreement. All data not withheld by the contributing Arctic State will be provided by the PAME International Secretariat to the applicant within 28 days following the receipt of a completed application.

Level I Access

Under the ASTD Framework, Level I access to the ASTD System is limited to Arctic States that have made the initial contribution of \$19,000 and are current on their annual pro rata share financial contributions. Level I data access includes ship identification information such as Maritime Mobile Service Identity (MMSI) numbers and ship names. Level I data access is only provided where the applicant desires individual ships identification information. Otherwise Level II system access should be sufficient.

The Applicant as Data Custodian

Once an ASTD Access Application is approved and signed and the PAME International Secretariat provides the requested data to the Applicant, the individual who signed the application becomes the “data custodian” responsible for compliance with all conditions of use required pursuant to this Data Sharing Agreement and the ASTD Framework. The individual who signs this Data Sharing Agreement represents, warrants, and affirms that, except as authorized in advance in writing by the PAME International Secretariat, such Data may not be disclosed, released, revealed, distributed, disseminated, shared, showed, sold, rented, leased, loaned, or otherwise conveyed to anyone else. The individual signing the application also represents, warrants, and affirms that he or she has authority to sign this

ASTD System Access Application and Data Sharing Agreement on behalf of the applicant. Access to the Data provided pursuant to this Data Sharing Agreement must be limited to the minimum number of individuals directly employed by the Applicant necessary to achieve the specific purpose(s) stated in this Application/Agreement and to those individuals on a need-to-know basis only. However, any assessments, analyses and/or reports based on the ASTD System Data provided may be shared publicly and must be submitted to or made accessible to the PAME International Secretariat. Any ASTD Data used in generating an assessment, analysis and/or report that is publicly available must acknowledge and reference the ASTD System as its source.

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Data Requested

Provide a detailed description of the data requested, including the ship types, time frame (i.e., start and end dates of the data requested), geographic area(s), etc. The PAME International Secretariat will confirm that the requested data is available before any data is provided.

NOAA requests Level I data for the Polar Code area, as defined in the IMO Polar Code: <http://www.imo.org/en/MediaCentre/HotTopics/polar/Pages/default.aspx>.

The start date for the requested data is 1/1/2021 and the end date is 12/31/2021.

Purpose of Use

Explain in detail how the requested data will be used, what research, analyses, assessments, or studies will be performed, and what the desired outcomes are intended to be as a result of obtaining the data. If any document prepared using ASTD data is to be made public, indicate that here. Note that the data may only be used for research and/or analytical purposes as stipulated in paragraph 3.4 of the ASTD Framework, and only for the specific purpose(s) set forth in this ASTD Access Application. Explain why individual ship identification information is needed. Applications without a clearly defined purpose will be rejected.

NOAA plans to analyze heavy fuel oil (HFO) use in the Arctic in 2021, and compare it to heavy fuel oil use in 2019. The analysis will characterize traffic composition and volume with respect to:

- 1) Type of fuel oil used, and
- 2) Quantity/volume of fuel oil used.

The analysis will compare 2021 HFO usage to 2019 to assess changes and trends.

The analysis will be used to develop an Arctic Shipping Traffic Report (ASSR) that presents factual information presented in a manner accessible to general audiences.

Disposition of Level I Data

All Level I Data provided to the applicant must be deleted after fulfilling the purpose of its use.

Noncompliance

Any noncompliance with this Data Sharing Agreement may result in its immediate termination, immediate suspension of access to ASTD System data, and the automatic denial of any future requests to access ASTD System data. If access to ASTD System data is suspended, no refund or reimbursement will be made of any previous financial contribution.

All applicable provisions of the ASTD Framework apply to this Data Sharing Agreement.

Signatures

(Data Custodian)

Soffía Guðmundsdóttir
(PAME Executive Secretary)

(Date)

(Date)