



Protection of the Arctic Marine Environment

Arctic Shipping Data Service (ASDS)

Draft Project Plan

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Rational and AMSA follow-up

AMSAIII B: Arctic Marine Traffic System

- In addition:
 - AMSA IA: Linking with International Organizations
 - AMSA ID: Strengthening Passenger Ship Safety in Arctic Waters
 - AMSA IIIA: Addressing the Infrastructure deficit
 - *And a number of PAME RoDs.*

ASDS overview

- A database with Arctic shipping statistics
 - Build on the AMSA 2005 database
 - Improve and expand access to Arctic shipping information
 - Shortens time between detection of change, reporting and effective policy response
- Designated website
 - Including graphs/maps/figures
- Regular reports on Arctic shipping statistics

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Drivers

- Lack of available shipping data
 - Scarce and often “hidden” or unavailable
- Analysis beneficial to the Arctic Council (and other stakeholders), e.g:
 - Number of ships
 - Types of fuel
 - New shipping routes
 - With aspect to biodiversity etc
 - Infrastructure

Database information

AIS data

- Maritime Mobile Service Identity (MMSI) number
- IMO vessel number
- Radio call sign
- Name of ship
- Type of ship
- **Position**

Other data:

- Size (Length Overall, beam, draft)
- Gross Tonnage
- Ice Class
- Date of Build
- Power Plant Type
- Type of Fuel Burned
- Flag
- Port of departure
- Destination port

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Next steps?

- Data sources
 - Who has the data, and is ready to distribute it?
- Availability of circumpolar data
 - Is the same kind of data available all over the Arctic?
- Database
 - How can we take the data and develop a simple database to distribute the data?
- Synergies with other PAME project proposals

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Thank you

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Protection of the Arctic Marine Environment

www.pame.is

The logo consists of the word "PAME" in a bold, white, sans-serif font. The letters are slightly slanted to the right and have a subtle drop shadow, giving it a three-dimensional appearance.