

Measures to reduce black carbon emissions from Arctic shipping



A voluntary switch to distillate or alternative cleaner fuels should be quickly followed by a mandatory measure.

A switch to distillate fuel will reduce ships' black carbon (BC) emissions in the Arctic by 44%

Installation of a particulate filter will further reduce BC emissions by over 90%.

Alternatively, switching to cleaner forms of propulsion will also reduce or remove BC emissions.

IMO Members have concluded that a fuel switch policy, including a switch to cleaner fuels would not require a BC measurement protocol.

Action to reduce BC emissions from ships impacting the Arctic should include:

- An MEPC Resolution for a recommendatory switch to distillate.
- A mandatory measure to require a switch to distillate and installation of a particulate filter.
- An emission standard to reduce BC emissions globally.

Urgent action is needed to reduce BC emissions from ships.

To view more cards in this series, visit: www.hfofreearctic.org/blackcarboncards

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