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Deputy Minister of Transport of the Russian Federation - Head of Federal Agency for Maritime and River Transport

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Arctic waters application of the Polar Code

Water area of the Northern Sea Route

Territory of Russia

Russia – coastal state

Northern Sea Route as part of the water area falling under the Polar Code requirements
1. Rules of navigation on the water area of the Northern Sea Route (hereinafter referred to as Rules) were developed in compliance with items 2 and 4 of article 5 of the Federal Law dated April 30, 1999, № 116-ФЗ (FL) “Code of commercial navigation of the Russian Federation” (hereinafter referred to as CCN) and item 5.2.53.12. of the Provision on the Transport Ministry of the Russian Federation approved by the Decision of the Government of the Russian Federation dated July 30, 2004, № 395 and establish the order of the organization of navigation of ships in the water area of the Northern Sea Route, rules of the ice navigation of ships in the water area of the Northern Sea Route, rules on the ice assistance of ships in the water area of the Northern Sea Route, provisions on the navigational-hydrographic and hydrometeorological support of the navigation of ships on the water area of the Northern Sea Route, rules of the radio communication of the navigation of ships in the water area of the Northern Sea Route, requirements to ships in relation to the safety of navigation and protection of the marine environment against the pollution from ships, other provisions relative to the organization of the navigation of ships in the water area of the Northern Sea Route.
For the year 2017 – 662 permissions issued
107 permissions for ships under foreign flags
7 ships under foreign flags violated the Rules: Netherlands, UK, Luxembourg and Sierra Leone.
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#NationalRegulationsReady
Training of seafarers for crews of Russian flagged ships is presently conducted by our maritime educational institutions.

Crew training as required by the Polar Code.
TRAINING OF SEAFARERS FOR CREWS OF RUSSIAN FLAGGED SHIPS IS PRESENTLY CONDUCTED BY OUR MARITIME EDUCATIONAL INSTITUTIONS #CrewReady
Ensuring compliance of Russian ships with the Polar Code

The verification of compliance with the requirements of the Polar Code is performed by recognized organizations.
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#VesselsReady
Paris MoU on Port State Control
PORT STATE CONTROL IN THE SEA PORTS OF THE RUSSIAN FEDERATION IN ARCTIC ZONE WITHIN THE AREA OF APPLICATION OF THE POLAR CODE

- Total number of inspections: 112
- Inspections with deficiencies: 8
- Inspections with detentions: 0

PORT STATE CONTROL IN THE SEA PORTS OF THE RUSSIAN FEDERATION IN ARCTIC ZONE OUTSIDE THE AREA OF APPLICATION OF THE POLAR CODE

- Total number of inspections: 1458
- Inspections with deficiencies: 753
- Inspections with detentions: 24
<table>
<thead>
<tr>
<th></th>
<th>Total number of inspections</th>
<th>Inspections with deficiencies</th>
<th>Inspections with detentions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Russian ships</td>
<td>1458</td>
<td>49</td>
<td>24</td>
</tr>
<tr>
<td>Foreign fl. Ships</td>
<td>753</td>
<td>43</td>
<td>24</td>
</tr>
</tbody>
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Port State Control

#PSCReady
Environmental issues
Analysis of dynamics of air emissions from ships

Amount of harmful air emissions from bulk carriers in the port of Murmansk
Forward operational bases and points of emergency preparedness

Dikson
Tiksi
Pevek
Provideniya
The search and rescue in the water area of the Northern Sea Route is provided by the specially designated agency “Marine Rescue Service” ("Morspassluzhba") including by the means of multi-functional search and rescue vessels with high ice class.
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#SARReady
Estimated capacity of the port of Sabetta:
LNG – 16,5 m. tons/year;
NGL – 1,35 m. tons/year;
Commissioning:
2017 – 6 m. tons,
2018 – 6 m. tons,
2019 – 5,85 m. tons.
Possibility to increase up to 30 m tons including:
LNG – 25 m. tons/ year;
NGL – up to 2,2 m. tons/ year;
Petroleum – 3,5 m. tons/ year.

Completion of works – 2019

Port of Sabetta as driver of port infrastructure development in the Arctic
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Regulating vessels traffic in the Bering Strait
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Two-Way Routes and Precautionary Areas in the Bering Sea and Bering Strait plotted on paper charts