

The Arctic 2030 Project:

“Feasibility and Reliability of Shipping on the Northern Sea Route and Modeling of an Arctic Marine Transportation & Logistics System”

1-st Industry Seminar:

“NSR’s Legislation, Tariff System & Insurance”

Vessels’ reporting duties on the NSR

Mr. Sergey Balmasov, Head of CHNL’s NSR Information Office (sergey@chnl.no)
Thursday 25 June, 2015, Oslo.

II. Procedure of the navigation of ships in the water area of the NSR

When ship moves towards the water area of the Northern Sea Route from the west, **72 hours before approaching meridian 33° E (Western boundary)** and when ship moves towards the water area of the Northern Sea Route from the east, **72 hours before approaching parallel 62° N and/or meridian 169°W (Eastern boundary)** or immediately after the departure from sea port (if the navigational period of ship after the departure from sea port to the Western or to the Eastern boundary is less than 72 hours) ship master **informs the NSR Administration about the planned time of arrival** of ship to the Western or Eastern boundary accordingly as well as **sends the following information:**

II. Procedure of the navigation of ships in the water area of the NSR

- 1) name of ship; 2) IMO number of ship
- 3) port/place of destination; 4) maximum operating draft of ship in m;
- 5) type and amount of cargo carried by ship in metric t;
- 6) presence, amount in metric t and class of dangerous cargo carried by ship;
- 7) fuel capacity in metric t at the moment of report;
- 8) fresh water capacity subject to the replenishment by fresh water from the ship's distilling plant (if any) at the moment of report (number of days is specified when ship can move without the replenishment of fresh water);
- 9) subsistence reserve and other types of the ship's supply at the moment of report (number of days is specified when ship can move without replenishment of provision and of other types of supply);
- 10) number of crew members and passengers;
- 11) information on the malfunction of ship's machinery and/or of maintenance facilities (if any).

II. Procedure of the navigation of ships in the water area of the NSR

- **24 hours before approaching** the Western or Eastern boundary ship master notifies again the NSR Administration of the **planned time of the arrival** of ship to the appropriate boundary.
- At the **departure from a sea port of the Russian Federation** situated in the water area of the NSR ship master immediately **informs** the NSR Administration of the **time of departure**.
- At the entrance of ship into the water area of the Northern Sea Route from inland water ways of the Russian Federation ship master informs the NSR Administration of the time of the entrance.
- While entering the Western or Eastern boundary ship master informs the NSR Administration of the planned time of the entrance of ship into the water area of the Northern Sea Route, geographical coordinates, track and speed of ship at the moment of report.

II. Procedure of the navigation of ships in the water area of the NSR

- **At the entrance** of ship into the water area of the NSR ship master informs the NSR Administration of **the actual time of the entrance, geographical coordinates, track and speed of ship at the moment of report.**
- **After the completion** of navigation on leaving the water area of the Northern Sea Route ship master informs the NSR Administration of the **actual time of leaving** the NSR, geographical coordinates, track and speed of ship at the moment of report.
- After the completion of navigation in the water area of the Northern Sea Route while ship is calling at a sea port of the Russian Federation situated in the water area of the NSR immediately after the call of ship master informs the NSR Administration of the time of the call of ship at port with the indication of name of the sea port.

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Daily reporting at 12:00 Moscow time to the NSR Administration.

Address for sending a daily report at 12 am MT : nsra-info@morflot.ru

- Daily form must be send in the email, not in the additional files.
- The form of daily reporting of the ship`s master should be filled according to the established form and sample by Times New Roman font and font size 12.

II. Procedure of the navigation of ships in the water area of the NSR

Daily report content:

- 1) Name of ship and her IMO number;
- 2) Geographical coordinates of ship (latitude and longitude);
- 3) Planned time of the ship leaving the NSR water area or planned time of the arrival of ship to the seaport situated in the NSR water area;
- 4) Route of ship with an accuracy of one degree;
- 5) Speed of ship in knots with an accuracy of one knot;
- 6) Type of ice, thickness of ice in meters and concentration of ice in points;
- 7) Temperature of ambient air in centigrade degrees with an accuracy of one degree;
- 8) temperature of outside water in centigrade degrees with an accuracy of one degree.










II. Procedure of the navigation of ships in the water area of the NSR

Daily report content:

- 9) Direction of wind with an accuracy of 10 degrees;
- 10) Speed of wind with an accuracy of one meter per second.
- 11) Visibility in nautical miles with an accuracy of one mile;
- 12) During the movement of ship in open water – height of waves in meters with an accuracy of one meter;
- 13) Amount of fuel aboard in metric tons;
- 14) Amount of fresh water aboard in metric tons;
- 15) Information on accident with a crew member, passenger or ship (if any);
- 16) Information on the detected malfunction or lack of navigational equipment (if any);
- 17) Other information regarding safety of navigation and protection of the marine environment against pollution from ships (if any).

Recommendations on communication in the NSR water area 2014 - 2015

Recommendations about the communication for the period of the Arctic navigation

-  [.pdf \(308.74 Kb\) Recommendations on communication in the water area of the Northern Sea Route 2014 - 2015](#)
-  [.pdf \(214.24 Kb\) List of arctic coastal stations and ports that have satellite communication stations \(SCS\), automated telegraph \(AT\), telex, e-mail](#)
-  [.pdf \(168.42 Kb\) Coastal stations communicating with ships in the water area of the Northern Sea Route](#)
-  [.pdf \(178.84 Kb\) List of VHF radio stations \(«Port», «Prichal»\) installed at arctic stations and keeping radio watch on frequency 156.8 MHz \(channel 16\)](#)
-  [.pdf \(138.06 Kb\) Schedule of coastal warnings transmissions to mariners \(CWM\)](#)
-  [.pdf \(163.07 Kb\) Information for the communication with pilot divisions on rivers Yenisei, Khatanga, Anabar, Kolyma](#)
-  [.pdf \(138.6 Kb\) List of icebreakers rendering service on the icebreaker support of ships in the water area of the Northern Sea Route](#)
-  [.pdf \(135.04 Kb\) Information about subdivisions of the Gosmorspassluzhba of Russia](#)
-  [.pdf \(161.84 Kb\) Schedule of the transmission of information on safety at sea \(ISS\) through the International SafetyNET Service of the INMARSAT system](#)

