UNLOCKING

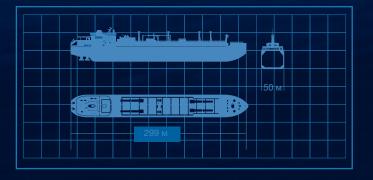
THE NORTHERN SEA ROUTE'S

POTENTIAL

For many years Sovcomflot has been consistently implementing increasingly complex transport projects in the Arctic, working in partnership with Atomflot, Russian oil and gas companies, and research institutions.

Goal:

Results of the voyages confirm that it is possible to increase the period of commercial cargo shipping in the Eastern part of the Russian Arctic. It enables a further step toward safe year-round navigation along the entire Northern Sea Route.





CHRISTOPHE DE MARGERIE, THE WORLD'S FIRST ARCTIC LNG CARRIER

172,600 cubic metres

Capacity

Arc 7

Ice class

Winner of the award for Engineering Project of the Year at S&P Global Platts Global Energy Awards.



Cape Zhelaniya





"Year-round navigation in the Eastern part of the Russian Arctic has been a centuries-old dream of Russia's pioneering seafarers, and now we are one step closer to it. This will result in more efficient use of the Northern Sea Route for the Russian economy, whilst contributing to the success of large-scale industrial projects at the Ob River estuary and across the entire Russian Arctic."

> Igor Tonkovidov President and CEO of PAO Sovcomflot

2010 Experimental voyage of **SCF Baltica** along the NSR

The voyage proved that it is technically feasible and economically viable to use this route for large-capacity transportation of hydrocarbons when navigation traditionally commences.

2011 Experimental transit voyage of the tanker **Vladimir Tikhonov**

A brand new deep-water route running north of the New Siberian Islands archipelago was opened for commercial navigation.

2017 A new time record for an NSR transit was set

The LNG carrier *Christophe de Margerie* completed a transit passage in 6 days, 12 hours and 15 minutes during the summer navigation period.

2019 'Green' voyage of Korolev Prospect

A large-capacity oil tanker made a voyage via the Northern Sea Route using exclusively environmentally friendly LNG fuel along the whole route for the first time ever.

2020 Very early transit voyage of **Christophe de Margerie**

For the first time in history, a largecapacity cargo vessel passed through the NSR eastwards in May, two months earlier than when navigation traditionally commences.

