



Logistics possibilities

Port of Tromsø

Northern Norway

Content

Operational contact	3
1 Introduction	4
2 Company description	4
3 Strategic location	5
4 Description of port areas	6
4.1 Quays.....	6
4.2 Outdoor storage area.....	6
4.3 Indoor storage facilities.....	6
5 Maritime aspects	7
5.1 Float-off locations.....	7
6 Services	8
6.1 Pilotage.....	8
6.2 Tugs and mooring assistance	8
6.3 Crane capacity.....	8
6.4 Power supply.....	8
6.5 Water.....	8
6.6 Waste and disposal management.....	8
6.7 Communication	8
6.8 Bunkers.....	8
7 Compliance with laws and regulations	9
8 Accessibility	9
8.1 Sea transport.....	9
8.2 Road transport.....	9
8.3 Air transport.....	9

Company contact information

Company name: Tromsø Havn KF (Port of Tromsø)
Contact person: Jørn-Even Hanssen
Title: Port Director
Address: P.O. Box 392, N-9254 Tromsø, Norway
E-mail: adm@tromso.havn.no
Web: www.tromso.havn.no/en

Operational contact

Port Control: +47 911 07 444 | havnevakta@tromso.havn.no

1 Introduction

Tromsø – the arctic capital is the largest city and port in arctic Norway. Tromsø has throughout history been the starting point for expeditions and adventures in the high north.

Tromsø has a strategic location to fishing- and offshore fields in the Norwegian Sea and Barents Sea, and is a popular destination for tourism.

Tromsø is a centre for Arctic knowledge and science and is an important logistic hub in the arctic. With a well-developed infrastructure and service industry, we are a one-stop shop for maritime- and marine industries.



Situated at 69° north

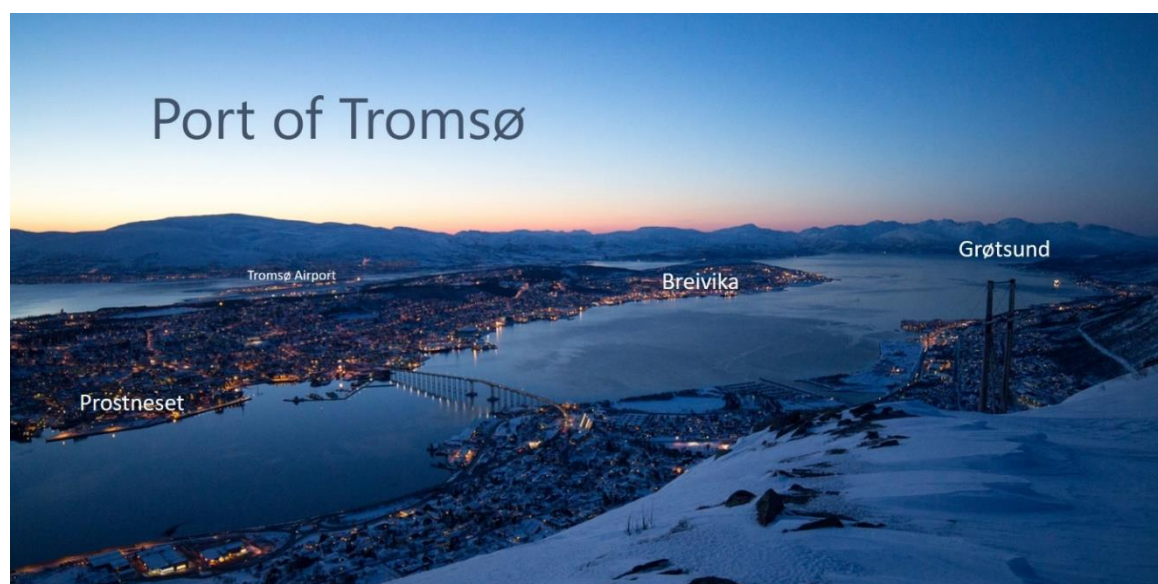
Despite the location at 69° north the Norwegian coast have a relatively mild climate. Surrounded by mountains Tromsø enjoys stable weather conditions and has a sheltered port. The port is always ice-free.

2 Company description

The Port of Tromsø is owned by the municipality of Tromsø. Our mission is to contribute to development of maritime business activities in the municipality and to handle administrative tasks Tromsø has been assigned to in accordance to the Norwegian Act relating to harbours and fairways.

The Port of Tromsø is Norway's largest fishing port, an important cruise port and the largest logistics hub in Northern Norway. In addition, we experience a growing activity related to energy and heavy industries.

The Port of Tromsø has three major port areas: Prostneset, Breivika and Grøtsund. **Prostneset** is our port area in the in the city centre of Tromsø. **Breivika** is an important logistic area for goods and supplies. In addition, it is the main cruise port in Tromsø. **Grøtsund** is the main industrial area in Tromsø. The area is developed for heavy operations.

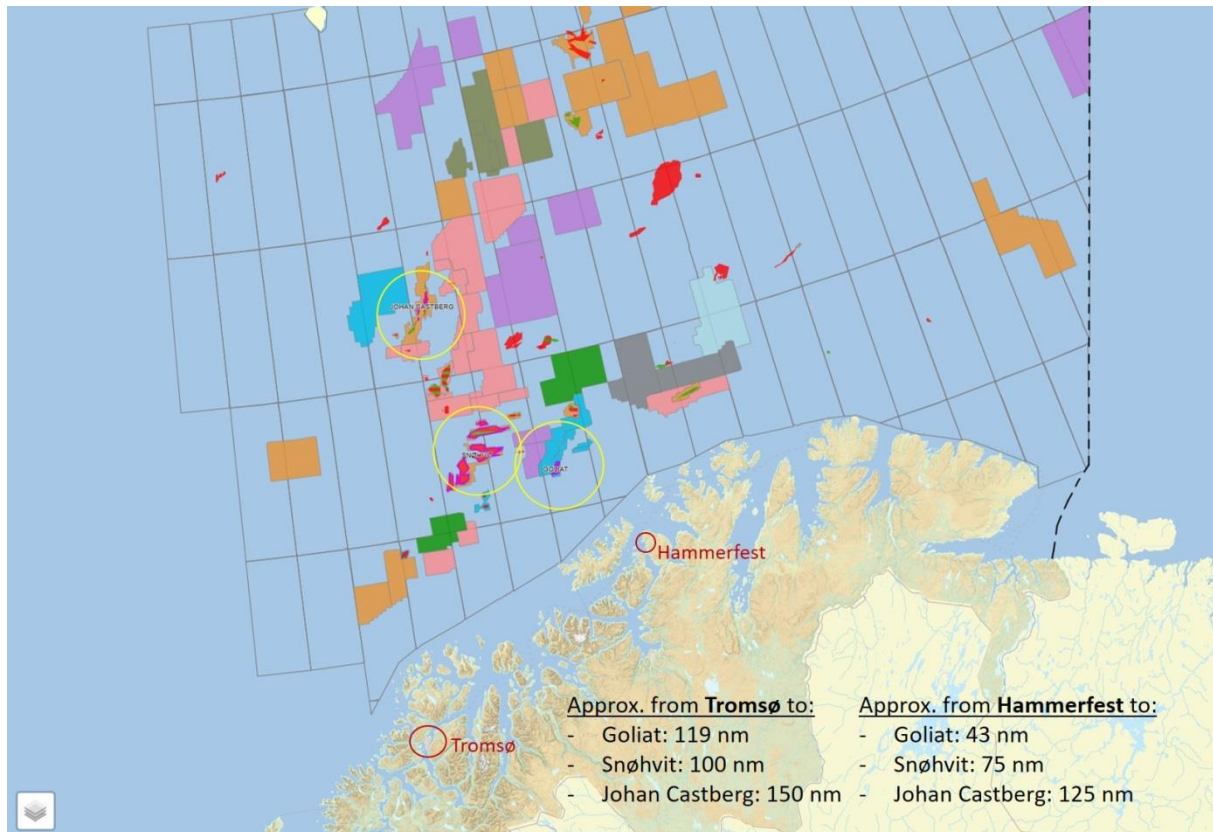


3 Strategic location

Tromsø has a strategic location to oil and gas fields in the Norwegian Sea and Barents Sea.

With a well-developed infrastructure and service industry Tromsø has several advantages in concerns of logistical flows.

The map below gives an indication of the location of Tromsø and Hammerfest in relation to Goliat, Snøhvit and Johan Castberg.



4 Description of port areas

For logistic operations both Breivika and Grøtsund port areas can be used. The most suitable location depends upon the size, complexity and estimated period of the operation.

The distance between Breivika and Grøtsund is 15.5 km by road or 3 nautical miles by ship. Transfer of cargo/equipment between Breivika and Grøtsund can be done efficiently by truck and/or barge.

4.1 Quays

Initially the Port of Tromsø has one quay in Breivika and one at Grøtsund available for logistic projects. Both quays are connected to a large logistic area.

Quay 25 – Breivika:

150m long, minimum 11m low water depth, equipped with 250t and 75t bollards. 70t/m² point load and 5t/m² surface load.

Quay 1 - Grøtsund industrial area:

130m long, minimum 20m low water depth, equipped with sufficient 250t and 150t bollards, 150t/m² point load and 10t/m² surface load. The quay has a connected ro-ro ramp.

The area is regulated for further development.

4.2 Outdoor storage area

Breivika port area:

20,000 – 30,000 m² available. Surface loads of 5t/m² and point loads of 70t/m²

Grøtsund industrial area:

90,000 m² available. Total area with surface load capacity of 10t/m² and point loads of 150t/m². Additional area can be developed as the total regulated area for Grøtsund is 1,500 acres.

4.3 Indoor storage facilities

Breivika port area:

Warm -, cold- and freezer storage terminals available through service providers in Tromsø.

Grøtsund industrial area:

Outdoor storage on immediate connection to the quay side. Further expansion is regulated and planned.



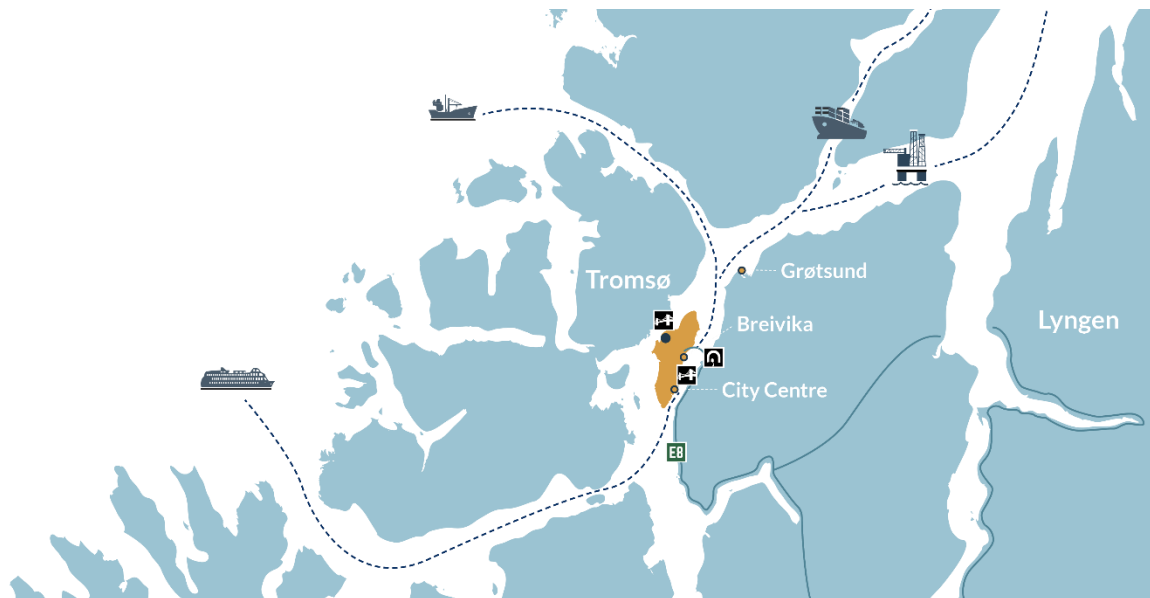
Breivika quay 25



Grøtsund quay 1 with ro-ro ramp

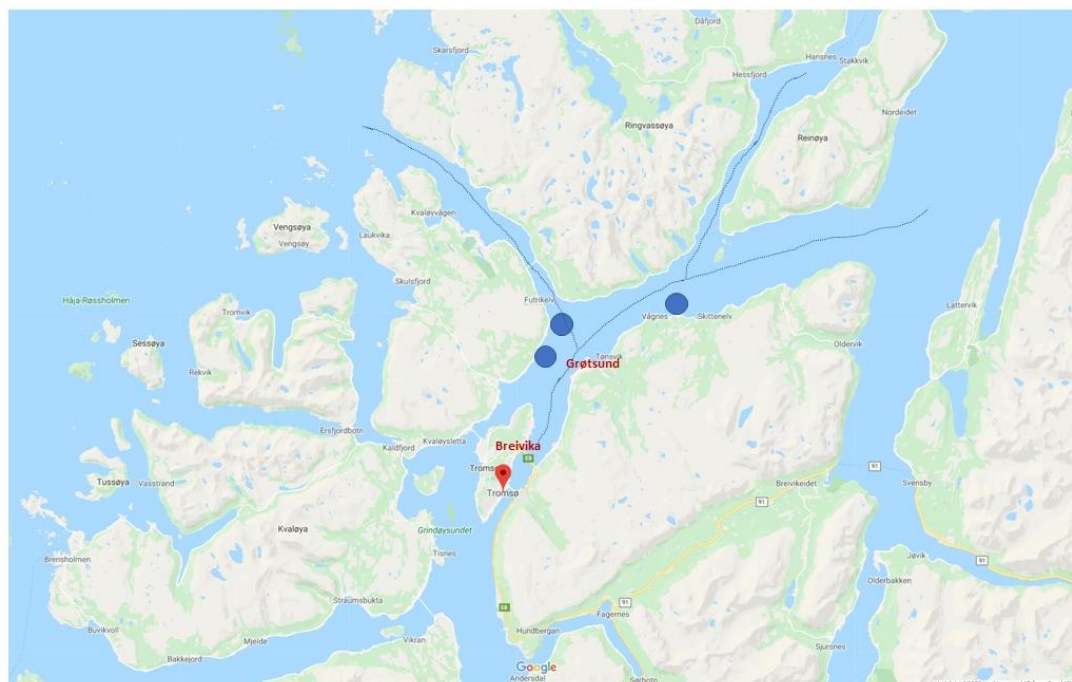
5 Maritime aspects

Tromsø has sailing corridors from the south, west and north. Large vessels to and from Breivika and Grøtsund uses deep water corridors to the west or north.



5.1 Float-off locations

There are good float-off locations with water depths 60 -100 meters in close vicinity to Breivika and Grøtsund.



6 Services

6.1 Pilotage

Mandatory Pilot or PEC for vessels according to Regulations regarding the obligation to use pilotage in Norwegian waters.

6.2 Tugs and mooring assistance

Harbour tugs and mooring assistance are available.

6.3 Crane capacity

For quay 25 in Breivika harbour crane with 40t on 28m outreach is available. Other mobile capacities can be arranged through service providers. MT is available through our partners.

6.4 Power supply

The Port of Tromsø can deliver shore power with voltage 400-690V, 50-60Hz, up to 800kW.

6.5 Water

The Port of Tromsø has certified healthy potable freshwater from connections on quayside. The water system has sufficient pressure to supply industrial projects. Also to rigs alongside the quay.

6.6 Waste and disposal management

The Port of Tromsø has established facilities for the disposal of waste and cargo residue from ships.

Our waste handling company can receive all kinds of waste and cargo residues, both solid and liquid.

6.7 Communication

Required infrastructure is available.

6.8 Bunkers

Bunkering is possible by barge or truck.

7 Compliance with laws and regulations

The Port of Tromsø provides services according to the following regulations (not limited to):

- Act relating to working environment, working hours and employment protection, etc. (Working Environment Act) and its applicable regulations
- The Regulations relating to Systematic Health, Environment and Safety Activities in Enterprises (Internal Control Regulations)
- The Port of Tromsø has a waste management plan approved by the official county administration. This plan describes the waste handling system for vessels according to regulations for ships waste (The Regulations relating to restriction on pollution).
- The ISPS (International Ship and Port Facilities) Code are implemented for most of the ports. The regulations sets standards to the security and protects against terrorist attacks on ships and port facilities

All employees have the required qualifications for their assigned tasks. Use of internal and external training is systemized. Programs for maintaining operational certification in place.

The Port of Tromsø is member of the prequalification system EPIM JQS. The qualification system shows which products and services we have according to the international category standard UNSPSC. Every year the Port of Tromsø completes a self-assessment of competence within health, safety, quality and risk based on the international guidelines in IOGP423-01.

8 Accessibility

Tromsø, the largest city and logistics hub in northern Norway is well connected to other national and international destinations.

8.1 Sea transport

Tromsø has regular connections to Norwegian ports including Svalbard. In addition international connections to North West Russia and other European ports.

8.2 Road transport

The European route E8 is the road connection between Tromsø and other European routes

8.3 Air transport

Tromsø Langnes Airport is situated close to the Port of Tromsø. It is 4 km from the city centre, 4 km from Breivika port area and 20 km from Grøtsund industrial area.

With 15-20 daily direct flights to Oslo, the capital of Norway in addition to direct flights to other national and international destinations Tromsø is easily accessible.