



BUNDESAMT FÜR
SEESCHIFFFAHRT
UND
HYDROGRAPHIE

Eisbericht Nr. 104

Amtsblatt des BSH

Jahrgang 98	Nr. 104	Thursday, 08.05.2025	1
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Übersicht

In der Bottenwiek liegt in den nördlichen Schären morsches Festeis oder offenes Wasser. Auf See befindet sich im Osten von nördlich von Hailuoto bis Kalajoki sehr dichtes, 10–50 cm dickes Treibeis. Ansonsten ist es auf See eisfrei.

Overview

In the Bay of Bothnia, there is rotten fast ice or open water in the northern archipelagos. At sea in the east, there is very close, 10–50 cm thick drift ice from north of Hailuoto to Kalajoki. Else at sea it is ice-free.

Bay of Bothnia

In the archipelagos of the northern Bay of Bothnia is mainly open water from Piteå to Karlsborg. Further east, there is rotten fast ice and open water further out. On Tornio and Kemi fairways is open water. From Oulu 5 to Oulu 1 and further south to Nahkiainen and off Kalajoki, there is 10–50 cm

thick very close ice. Else in the northeast is mainly very open ice or open water. Further out at sea it is ice-free. The southern Bay of Bothnia is ice-free. With air temperatures above 0 °C during daytime, ice melt will continue the coming day. The ice will drift slightly to the south-east.

W. Aldenhoff

Restrictions to Navigation

	Harbour/District	At least dwt/hp/kW	Ice Class	Begin
Finland	Tornio, Kemi and Oulu	2000 dwt	I	05.05.
	Raahe	2000 dwt	IB	05.05.
	Kalajoki	2000 dwt	II	05.05.

Herstellung und Vertrieb

Bundesamt für Seeschifffahrt und Hydrographie (BSH)

www.bsh.de/eis

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Finland/Sweden

Vessels bound for Gulf of Bothnia ports in which assistance restrictions apply, shall when passing latitude 60° 00' N report their nationality, name, destination, ETA and speed to ICE INFO on VHF channel 82. This report can also be given directly by telephone to +46 10 492 7600.

Vessels bound for Finnish or Swedish ports with assistance restrictions in the Quark or the Bay of Bothnia shall, 20 nautical miles before Nordvalen Lighthouse (63° 32.15' N 20° 46.60' E), report in accordance with the instructions for winter navigation to Bothnia VTS on VHF channel 67.

Icebreakers: ALE, KONTIO and POLARIS assist in the Bay of Bothnia.

Baltic Sea Ice Code

First number: A_B Amount and arrangements of sea ice 0 Ice free 1 Open water – concentration less than 1/10 2 Very open ice - concentration 1/10 to 3/10 3 Open ice – concentration 4/10 to 6/10 4 Close ice – concentration 7/10 to 8/10 5 Very close ice – concentration 9/10 to 9+10 6 Compact ice, including consolidated ice – concentration 10/10 7 Fast ice with drift ice outside 8 Fast ice 9 Lead in very close or compact drift ice or along the fast ice edge / Unable to report Third number: T_B Topography or form of ice 0 Pancake ice, ice cakes, brash ice – less than 20 m across 1 Small ice floes – 20 to 100 m across 2 Medium ice floes – 100 to 500 m 3 Big ice floes – 500 to 2000 m across 4 Vast or giant ice floes – more than 2000 m across – or level ice 5 Rafted ice 6 Compact slush or shuga, or compacted brash ice 7 Hummocked or ridged ice 8 Thaw holes or many puddles on the ice 9 Rotten ice / No information or unable to report	Second number: S_B Stage of ice development 0 New ice or dark nilas (less than 5 cm thick) 1 Light nilas (5 - 10 cm thick) or ice rind 2 Grey ice (10 - 15 cm thick) 3 Grey-white ice (15 - 30 cm thick) 4 White ice, first stage (30 - 50 cm thick) 5 White ice, second stage (50 - 70 cm thick) 6 Medium first year ice (70 - 120 cm thick) 7 Ice predominantly thinner than 15 cm with some thicker ice 8 Ice predominantly grey-white ice (15 – 30 cm) with some thicker ice 9 Ice predominantly thicker than 30 cm with some thinner ice / No information or unable to report Fourth number: K_B Navigation conditions in ice 0 Navigation unobscured 1 Navigation difficult or dangerous for wooden vessels without ice sheathing 2 Navigation difficult for unstrengthened or low-powered vessels built of iron or steel. Navigation for wooden vessels even with ice sheathing not advisable 3 Navigation without icebreaker assistance possible only for high-powered vessels of strong construction and suitable for navigation in ice 4 Navigation proceeds in lead or broken ice-channel without the assistance of an icebreaker 5 Icebreaker assistance can only be given to vessels suitable for navigation in ice and of special size 6 Icebreaker assistance can only be given to vessels of special ice class and of special size 7 Icebreaker assistance can only be given to vessels after special permission 8 Navigation temporarily closed 9 Navigation has ceased / Unknown
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Finland, 08.05.2025

Röyttä – Etukari	1306
Etukari – Ristinmatala	1306
Ajos – Ristinmatala	1306
Ristinmatala – Kemi 2	1306
Kemi 2 – Kemi 1	0//6
Kemi 2 – Ulkokrunni – Virpiniemi	2826
Oulu harbours – Kattilankalla	2826
Kattilankalla – Oulu 1	5456
Sea area SW of Oulu 1	5456
High Sea N of the latitude of Marjaniemi	1306
Raahe harbour – Heikinkari	3456
Heikinkari – Raahe lighthouse	5456
Raahe lighthouse – Nahkiainen	5456
Latitude Marjaniemi – Ulkokalla, Sea	5456
Rahja harbour – Välimatala	5455

Sweden, 08.05.2025

Karlsborg – Malören	1402
Luleå – Björnklack	1402