



BUNDESAMT FÜR
SEESCHIFFFAHRT
UND
HYDROGRAPHIE

Eisbericht Nr. 109

Amtsblatt des BSH

Jahrgang 98	Nr. 109	Thursday, 15.05.2025	1
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Übersicht

im Nordosten der Bottenwiek befindet sich offenes Wasser mit einzelnen Treibeisschollen nördlich von Hailuoto. Auf See befindet sich vor der Küste von Raahe bis Kalajoki 5–40 cm dickes, meist dichtes bis sehr dichtes und morsches Treibeis. Weiter nördlich ist meist offenes Wasser mit vereinzelt Treibeisschollen. Ansonsten ist es auf See eisfrei.

Overview

In the north-eastern Bay of Bothnia, there is open water with some single drifting floes north of Hailuoto. At sea off the coast from Raahe to Kalajoki, there is 5–40 cm thick, close to very close and rotten drift ice. Further north is mainly open water with single drifting floes at places. Else at sea it is ice-free.

Bay of Bothnia

In the archipelagos of the northeastern Bay of Bothnia and on the fairways to Tornio, Kemi and Oulu is open water with single drifting floes at places. Off the coast from Raahe to Kalajoki, there is 5–40 cm thick, mostly very close to close and rotten drift ice. Further north is open water with

single heavier floes at places. Else at sea it is ice free.

With coastal air temperatures above 10 °C during daytime ice melt will continue the coming day. The ice will drift in southerly directions.

W. Aldenhoff

Restrictions to Navigation

	Harbour/District	At least dwt/hp/kW	Ice Class	Begin
Finland	Oulu	2000 dwt	II	14.05.
	Raahe	2000 dwt	I	09.05.
	Kalajoki	2000 dwt	II	05.05.

Herstellung und Vertrieb

Bundesamt für Seeschifffahrt und Hydrographie (BSH)

www.bsh.de/eis

www.bsh.de/ice

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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 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, 15.05.2025

Röyttä – Etukari	1302
Ajos – Ristinmatala	1302
Kemi 2 – Ulkokrunni – Virpiniemi	1302
Oulu harbours – Kattilankalla	1305
Kattilankalla – Oulu 1	1305
Sea area SW of Oulu 1	1305
High Sea N of the latitude of Marjaniemi	1305
Raahe harbour – Heikinkari	3396
Heikinkari – Raahe lighthouse	5396
Raahe lighthouse – Nahkiainen	5396
Latitude Marjaniemi – Ulkokalla, Sea	1306
Rahja harbour – Välimatala	0//5
Vaelimatala to line Ulkokalla – Ykskivi	0//5