



BUNDESAMT FÜR
SEESCHIFFFAHRT
UND
HYDROGRAPHIE

Eisbericht Nr. 110

Amtsblatt des BSH

Jahrgang 98	Nr. 110	Friday, 16.05.2025	1
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Übersicht

In der Bottenwiek treibt vor Raahe und Kalajoki lockeres bis sehr dichtes, 5–40 cm dickes Eis. Ansonsten befindet sich im Nordosten offenes Wasser mit vereinzelt Treibeisschollen.

Overview

In the Bay of Bothnia, there is open to very close, 5–40 cm thick drift ice off Raahe and Kalajoki, Else at sea in the northeast, there is open water with single drifting floes at places.

Bay of Bothnia

Off Raahe and Kalajoki, there is open to very close, 5–40 cm thick rotten drift ice. Else at sea in the northeast, there is open water with single drifting floes at places. The rest of the Bay of Bothnia is ice-free.

With coastal air temperatures above 10 °C during daytime ice melt will continue over the weekend. Much of the remaining ice will probably vanish over the weekend. The ice will mainly drift in southerly directions.

W. Aldenhoff

Restrictions to Navigation

	Harbour/District	At least dwt/hp/kW	Ice Class	Begin
Finland	Oulu	-	cancelled	16.05.
	Raahe	2000 dwt	II	16.05.
	Kalajoki	2000 dwt	II	05.05.

Herstellung und Vertrieb

Bundesamt für Seeschifffahrt und Hydrographie (BSH)

www.bsh.de/eis

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Eisankünfte / Ice Information

Telefon: +49 (0) 381 4563 -780

Telefax: +49 (0) 381 4563 -949

E-Mail: ice@bsh.de

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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, 16.05.2025

Kemi 2 – Ulkokrunni – Virpiniemi	1302
Oulu harbours – Kattilankalla	1302
Kattilankalla – Oulu 1	1302
Sea area SW of Oulu 1	1302
Raahe harbour – Heikinkari	3355
Heikinkari – Raahe lighthouse	3355
Raahe lighthouse – Nahkiainen	1305
Latitude Marjaniemi – Ulkokalla, Sea	1305
Rahja harbour – Välimatala	4355
Välimatala to line Ulkokalla – Ykskivi	4355