



Eisbericht Nr. 101

Amtsblatt des BSH

Jahrgang 98

Nr. 101

Monday, 05.05.2025

1

Übersicht

In der Bottenwiek liegt in den nördlichen Schären morsches Festeis. Außerhalb des Festeises ist offenes Wasser. Weiter südlich befindet sich auf See bis zu 50 cm dickes, sehr dichtes, teilweise aufgeschobenes oder aufgepresstes Eis. Ansonsten ist es auf See eisfrei.

Overview

In the Bay of Bothnia, there is rotten fast ice in the northern archipelagos. Off the fast ice in the north, there is open water. Further south at sea, there is up to 50 cm thick, very close and partly ridged and rafted ice. Else at sea it is ice-free.

Bay of Bothnia

In the northern Bay of Bothnia is rotten fast ice along the coast. Tornio and Kemi fairways are mostly open with some drift ice floes. From Oulu to Oulu 5 very open ice. From Oulu 5 to Oulun portti 10-50 cm thick partly ridged very close ice. From Raahe to Jaakko very open ice. Farther out 10-50

cm thick partly ridged very close ice to Nahkiainen. Further out 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 to the south.

Gulf of Finland

The Gulf of Finland is ice-free. In the Lake Saimaa, there is mostly open water.

With air temperatures during daytime mostly above 5 °C, ice melt will continue the coming day.

X. Lange

Herstellung und Vertrieb

Bundesamt für Seeschifffahrt und Hydrographie (BSH)

www.bsh.de/eis

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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.
	Kalajokki	2000 dwt	II	05.05.
	Lake Saimaa and Saimaa Canal	-	cancelled	05.05.
Sweden	Karlsborg	-	cancelled	05.05.
	Luleå	-	cancelled	05.05.
	Haraholmen and Skelleftehamn	-	cancelled	05.05.

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 after special permission 8 Navigation temporarily closed 9 Navigation has ceased / Unknown
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Finland, 05.05.2025

Röyttä – Etukari	2426
Etukari – Ristinmatala	2426
Ajos – Ristinmatala	2426
Ristinmatala – Kemi 2	2426
Kemi 2 – Kemi 1	1806
Sea area SW of 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	0//6
Raahe harbour – Heikinkari	2356
Heikinkari – Raahe lighthouse	5456
Raahe lighthouse – Nahkiainen	5456
Latitude Marjaniemi – Ulkokalla, Sea	5456
Rahja harbour – Välimatala	0//5

Sweden, 05.05.2025

Karlsborg – Malören	1492
Luleå – Björnklack	1492