



Eisbericht Nr. 12

Amtsblatt des BSH

Jahrgang 94

Nr. 12

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Übersicht

In der nördlichen Bottenwiek liegt in den inneren Schären bis 20cm dickes Festeis als auch dünnes ebenes Eis. Örtlich kommt festgestampftes Eis vor. Außerhalb davon kommt im Osten dünnes Eis bis etwa Kemi-2 und Oulu-1 vor. Im Finnischen Meerbusen kommt ganz im Osten dünnes Eis vor.

Overview

Up to 20cm thick fast ice as well as thin level is present in the inner archipelagos of the northern Bay of Bothnia. In places, there are brash ice barriers. Further out in the east thin ice is present out to Kemi-2 and Oulu-1. In the easternmost Gulf of Finland, there is thin ice.

Bay of Bothnia

In the northern Bay of Bothnia, there is thin level and 5-20cm thick fast ice in the inner archipelagos. In the east, there is thin level ice and new ice out to Kemi-3. Further out there is thin open ice to about the line Kemi-2 – Oulu-1. South of Kalix and Kemi there are smaller brash ice barriers. In the southern part, there is new ice in places along the

coast. With first weak, first easterly but soon northerly wind, the temperatures will drop and moderate to severe frost will prevail over New Year and the following weekend. Therefore, further new ice formation and an increase in fast ice thickness is expected, although the overall distribution will only change slightly.

Norra Kwarken

In places of the inner archipelago and bays, there is some new ice. Over the next days, there will be

light frost near the coasts, so that some new ice formation is expected in sheltered areas.

Gulf of Finland

At the eastern coast, there is open water in the port of St. Petersburg and then there is very close nilas up to the dike, followed by open water up to around 29°30'E. In the top of Vyborg bay, there is very close light nilas. On the northern Lake Saimaa, there is 5-20cm thick ice with open water

in places and in southern part and the Saimaa Canal there is 5-20cm thick ice and new ice in places. The air temperature will stay around zero until Saturday and then slowly drop, some new ice may form but the general situation will remain quite unchanged.

Herstellung und Vertrieb

Bundesamt für Seeschifffahrt und Hydrographie (BSH)

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Gulf of Riga

The region is practically ice-free. There is a chance of frost during the weekend, so some minor new ice formation may occur in sheltered areas.

Dr. J. Holfort

Happy New Year - Next issue 4.1.2021

Restrictions to Navigation

	Harbour/District	At least dwt/hp/kW	Ice Class	Begin
Finland	Lake Saimaa and Saimaa Canal	1300 dwt	II	14.12.
	Lake Saimaa and Saimaa Canal	2000 dwt	II	02.01.
	Tornio, Kemi and Oulu	2000 dwt	II	27.12.
Sweden	Karlsborg and Luleå	2000 dwt	II	26.12.

Information of the Icebreaker Services**Finland**

Vessels bound for Gulf of Bothnia ports in which assistance restrictions apply, shall when passing latitude 60°00' N report their nationality, name, port of destination, ETA and speed to ICE INFO on VHF channel 78. This report can also be given directly by telephone to +46 10 492 7600.

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

Icebreaker: KONTIO assists in the Bay of Bothnia. CALYPSO assists in the northern Lake Saimaa. ME-TEOR assists in the southern Lake Saimaa and Saimaa Canal.

Russia

There are restrictions for small crafts going to Vysotsk, Vyborg, St. Petersburg, Ust-Luga and Primorsk.

Icebreaker: Several icebreakers assist vessels to the port of Vyborg, Vysotsk, Primorsk, Ust-Luga and St. Petersburg.

Sweden

Icebreaker: ALE assists in the Bay of Bothnia.

