

## BUNDESAMT FÜR SEESCHIFFFAHRT UND HYDROGRAPHIE FEDERAL MARITIME AND HYDROGRAPHIC AGENCY OF GERMANY

**German Ice Report - No. 15** 2014-02-08

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Rapid ice decrease in the western coastal waters continues. In the Bight of Greifswald, ice ridging occurs in the northern part.

# Western Baltic Sea

On the inner Schlei there is open thin ice. In the port of Neustadt and close to the coast of the Neustadt Bight there is close 5-10 cm thick ice. In the inner Wismar Bight there is a belt of 5-10 cm thick ice along the coast, fairway is ice-free. The bodden waters south of Darß and Zingst are covered by 10-15 cm thick ice with thaw holes and many puddles on the ice.

### Southern Baltic Sea

The bodden waters between Hiddensee and Rügen are covered by 10-15 cm thick ice with puddles on the ice, in places. In the port of Stralsund and on the eastern approach to Stralsund there is mostly compact 10-15 thick ice. In the Landtiefrinne there is close, in the Osttief very open thin ice. In the harbours of Sassnitz and Mukran there is close to open 5-15 cm thick ice, farther out an about 1 km wide belt with close drift ice is present. In the harbours and along the coasts of the Bight of Greifswald there is 7-18 cm thick fast ice with puddles, then compact 10-20 cm thick ice occurs up to approximately the line Südperd – Lubmin; ice ridging occurs off the northern coast. East of this line and approximately up to the longitude of island Ruden there is very open brash ice and open water. On the northern Peenestrom there is very close to close 10-15 thick ice. Southern Peenestrom and Kleines Haff are covered by 10-20 cm thick fast ice with puddles on the ice.

### Outlook

Ice remnants in the areas of the western Baltic Sea coast will melt rather rapidly at air temperatures up to 10 °C and temporary rain. In the eastern part of the Baltic Sea coast slow ice decrease and northerly ice drift are expected at air temperatures between 2 and 6 °C and freshening winds from southerly directions.

### **Restrictions to navigation**

From 28.01.2014: In the eastern approach to Stralsund, in the Bight of Greifswald, and on the northern Peenestrom ice breaker assistance can only be given to vessels with ice class E1 (or higher) and with motor power of at least 1000 kw.

Only daytime navigation is allowed in the eastern approach to Stralsund, in the Bight of Greifswald, and on the northern Peenestrom. Begin and end of daytime navigation can be obtained on VHF or by phone: Warnemünde traffic centre, Stralsund traffic channel 67 or by phone +4938120671843 and Wolgast traffic channel 09 or by phone +4938120671844.

From 30.01.2014: Northern approach to Stralsund (including bodden waters west), inner bodden waters of Rügen, southern Peenestrom and Kleines Haff are closed for navigation.

Current ice chart of the German Baltic Sea coast http://www.bsh.de/aktdat/wvd/Eisdienst/Deutsche\_Ostseekueste.pdf

**BSH - Ice Service**