

## **German Ice Report - No. 18**

2010-12-24

AA	16232 26232 3//// 44332
BB	16132 26232
CC	15141 24141 34030
DD	1//// 2//// 42100 51100
FF	12101
GG	41000
HH	1//// 25101 33210 42101
II	11000 31000
KK	23201 31000 43211
LL	11000 21000 31000 41000

There was a general slight ice decrease and in the eastern part the ice drifted towards the southwest.

### **North Sea coast**

In the Northfrisian Wadden 15-30cm thick close to compact ice harbours and sheltered regions, else open water to very open ice, 5-10cm thick. Up to more than 50cm thick floes, being formed on the Wadden, can drift around. On the Elbe there is mostly close thin ice all the way out to Neuwerk, with area of very open ice in places and some thicker floes near Cuxhafen and Neuwerk. In the Kiel Channel open water at Brunsbüttel. On the Weser there is new ice in places. In the Eastfrisian Wadden Sea there is mostly open water and 10-15cm thick ice in places. On the river Ems there is open water, in sheltered areas also close new ice.

### **Western Baltic Sea**

At Flensburg very open new ice. On the Schlei there is 5-15 cm thick fast ice in the inner part and very open dark nilas in the outer part. Open water to open new ice in the harbour and bay of Eckernförde. In the harbour Heiligenhafen open thin ice. Open water and thin very open ice in Neustadt Hafen and between Lübeck and Travemünde. At Wismar there is 10-15cm thick ice, from open to compact. In Rostock there is 10-12 compact ice in the city harbour and then very close to close thin ice and new ice stretches out to Warnemünde. The Bodden waters south of Darß and Zingst are covered with 10-15cm thick ice.

### **Southern Baltic Sea**

In the northern approach to Stralsund there is 15-30cm thick compact and fast ice. On the Fairway to Hiddensee there is 10-15cm thick compact ice. In the eastern approach to Stralsund there is 10-15cm compact ice to Fressendorfer Haken, at the Landtief Rinne there is 15-30cm thick close ice. In the northern Greifswalder Bodden there is open water, along the shores of the Bodden there is close to compact ice, up to 25 cm thick in sheltered regions. On the northern Peenestrom there is 5-15cm thick compact ice out to Ruden. The southern Peenestrom and the Kleines Haff are covered with 7-15 cm thick fast ice. Along the outer shore of Usedom there is a belt of ice.

### **Outlook**

Along the Baltic coast the ice will continue to drift towards the south/southwest. Air temperatures will drop new ice formation will start to form again.

**Restrictions:** Only daytime navigation is allowed in approaches to Stralsund and Wolgast as well as to the harbours in Greifswalder Bodden. To Stralsund port use of pilot and convoy formation are mandatory. The southern Peenestrom, Kleines Haff and river Peene are closed for navigation.

**Icebreaker:** In Hamburg port assistance is given if necessary.

BSH - Ice Service