



# Eisbericht Nr. 56

## Amtsblatt des BSH

Jahrgang 97

Nr. 56

Monday, 05.02.2024

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### Übersicht

In der Bottenwiek befindet sich in den nördlichen Schären bis 60 cm dickes, in den südlichen bis 50 cm dickes Festeis. Auf See treibt im Nordosten zumeist 20–50 cm dickes, sehr dichtes Eis, örtlich aufgepresst, übereinandergeschoben und teilweise schwer zu passieren. Ansonsten befindet sich auf See meist offenes Wasser sowie dichtes bis sehr dichtes Eis und Neueis entlang der finnischen Küste im Süden. An den Küsten von Norra Kvarken liegt bis 50 cm dickes Festeis und auf See treibt 2–30 cm dickes, dichtes Eis oder Neueis. An den Küsten der Bottensee kommt im Osten bis 45 cm und im Westen bis 30 cm dickes Festeis vor. An der Eiskante befindet sich im Osten festgestampftes Eis und Neueis weiter außerhalb. Das Schärenmeer ist größtenteils mit ebenem Eis bedeckt. Im Osten und Norden des Finnischen Meerbusens liegt bis 45 cm dickes Festeis und ganz im Osten treibt auf See sehr dichtes, bis 35 cm dickes Eis. Im Rigaischen Meerbusen kommt im Nordosten bis zu 35 cm dickes Festeis vor und entlang der nordöstlichen Küste treibt sehr dichtes Eis. Ansonsten kommt im Mälaren, Vänern, norwegischen Fjorden und der schwedischen Küste im Südosten etwas dickeres Eis vor.

### Overview

In the Bay of Bothnia there is fast ice in the archipelagos, up to 60 cm thick in the north and up to 50 cm thick in the south. At sea in the north east, there is mostly 20–50 cm thick, very close, partly ridged and rafted ice that is difficult to force at places. Else at sea there is mostly open water with close to very close ice and new ice along the Finnish coast in the south. In the Quark there is up to 50 cm thick fast ice at the coasts and at sea there is 2–30 cm thick, close ice or new ice. At the coasts of the Sea of Bothnia there is fast ice, up to 45 cm thick in the east and up to 30 cm thick in the west. Further out in the east there is a narrow band of very close ice. Level ice covers large parts of the Archipelago Sea. There is up to 45 cm thick fast ice at the eastern and northern coast of the Gulf of Finland. In the easternmost part there is up to 35 cm thick very close ice at sea. In the Gulf of Riga there is up to 35 cm thick fast ice in the northeast and along the northeastern coast there is very close ice. Else thicker ice is present in the Mälaren, Vänern, Norwegian fjords and the southeastern Swedish coast.

### Bay of Bothnia

In the archipelagos of the Bay of Bothnia there is fast ice with some consolidated ice further out; 30–50 cm thick in the northwest, 40–60 cm thick in the northeast and up to 25–50 cm thick in the southern part. In the northeast the fast ice stretches out to Malören, Kemi-3, Oulu-3 and Raahe. At sea there

is mostly 20–50 cm thick, very close, ridged and rafted ice north of about the line Kalajoki – Nortsrömsgrund. The ice field is under pressure and difficult to force at places. Further south off the Finnish coast is close to very close, 2–30 cm thick drift ice and new ice further out. Else at sea there

#### Herstellung und Vertrieb

Bundesamt für Seeschifffahrt und Hydrographie (BSH)

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#### Eisankünfte / Ice Information

Telefon: +49 (0) 381 4563 -780

Telefax: +49 (0) 381 4563 -949

E-Mail: [ice@bsh.de](mailto:ice@bsh.de)

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is mostly open water with some strips and patches at places.

With moderate to severe frost at sea ice formation

### The Quark

There is 20–50 cm thick fast ice in the Vaasa archipelago out to Ensten and very close ice to Vaasa lighthouse. Along the Swedish coast there is up to 40 cm thick fast ice. Southwest of Holmöarna is very close ice, 10–30 cm thick ice. Else at sea,

### Sea of Bothnia

Along the coasts there is mostly fast ice in the inner bays; 20–45 cm thick in the east and 5–30 cm thick in the west. On Ångermanälven, there is 15–30 cm thick fast ice. Along the ice edge along the Finnish coast a brash ice barrier has formed and may be difficult to force in places. New ice is

### Archipelago Sea and Åland Sea

In the Archipelago Sea there is 20–40 cm thick fast ice in the inner archipelago of the Finnish coast. Mostly 10–20 cm thick, level or fast ice with new ice at places is present in the outer archipelagos to the Åland Islands. In the Åland Sea there is 5–15

### Northern Baltic

In Lake Mälaren there is 10–30 cm thick fast ice. At the outer Swedish coast there is 5–20 cm thick fast ice or level ice in the archipelagos and very open

### Gulf of Finland

From St. Petersburg to past Kotlin there is 30–40 cm thick fast ice. Further out is very close, 10–35 cm thick, partly ridged and rafted ice north of about the line Šepelevskij – Kotka. In Luga Bay and out to Moščnyj, there is mostly open water. In the Bjerkesund there is 10–20 cm thick fast and in the Vyborg Bay there is 25–35 cm thick fast ice. Along

### Gulf of Riga

In Väinameri there is 25–35 cm thick fast ice near the coasts and very close, 5–20 cm thick ice at sea. Along the northeastern coast to Pärnu Bay, there is 5–20 cm thick, very close ice. In the Bay of Pärnu, there is 25–35 cm thick fast ice to the line

### Central Baltic

Thin level ice is present along the Swedish coast. In the Kalmarsund there is open water in the central part.

### Southeastern Baltic

In the Curonian Lagoon, there is 15–20 cm thick, very close ice in the eastern part and else open water. In Vistula Lagoon some very close, thin ice

### Southern Baltic

Almost ice free.

With temperatures around 0 °C no larger changes

and ice growth will continue.

The ice will drift to the southwest.

there is close, 2–30 cm thick approximately north of Norrskär and Sydostbrotten.

With light to moderate frost ice formation and ice growth is expected the coming day. The ice will drift to the south.

forming slightly further out. Open water is off the Swedish coast with some new ice in the southern part.

With light to moderate frost some new ice formation and ice growth is expected. The ice will drift in southerly directions.

cm thick fast or level ice in bays along the coast and new ice at places further out.

With light to moderate frost some ice formation and ice growth is expected the coming day.

to open drift ice in some larger channels.

With mostly light frost some new ice formation and ice growth is expected.

the northern coast there is fast ice in the archipelago, 10–35 cm thick in the west and up to 45 cm thick in the east. Further out, is very open ice with some new ice.

With light to moderate frost some ice formation and ice growth is expected. The ice will drift in southerly directions.

Liu – Tahkuranna followed by very close ice to about the line Kihnu – Kabli.

With temperatures dropping slightly below 0 °C some ice formation and ice growth may occur along the coast. The ice will drift to the southeast.

With temperatures mostly above 0°C no larger changes are expected.

is present near Kaliningrad.

With temperatures mostly above 0°C no larger changes are expected.

are expected.

### Skagerrak and Kattegat

In some sheltered Norwegian fjords and bays is thin level ice or fast ice notably near Tønsberg, Kragerø, Svinesund and Drammensfjord. Along the Swedish coast of the Skagerrak, it is mostly ice

free.

With temperatures dropping to slightly below 0°C some ice formation and ice growth may occur in sheltered places but overall no larger changes.

### Swedish Lakes

In Lake Vänern 5–30 cm thick fast ice is present at the coasts. Along the coast southeast of Åmal, there is very close, 5–15 cm thick ice. Outside the coastal areas it is mostly ice-free.

With temperatures around or slightly below 0 °C some ice formation and growth may occur in sheltered places but overall no larger changes are expected.

Dr. W. Aldenhoff

## Restrictions to Navigation

|                | Harbour/District   | At least dwt/hp/kW | Ice Class    | Begin  |
|----------------|--|--------------------|--------------|--------|
| <b>Estonia</b> | Pärnu  | 1800 kW            | 1B (Lloyd's) | 27.01. |
|                | Kunda and Sillamäe   | 1200 kW            | II (Lloyd's) | 04.02. |
| <b>Finland</b> | Tornio, Kemi and Oulu  | 2000/4000 dwt      | IA Super/IA  | 13.01. |
|                | Vaasa  | 2000 dwt           | IA           | 10.01. |
|                | Raahe, Kalajoki, Kokkola and Pietarsaari   | 4000 dwt           | IA           | 13.01. |
|                | Pori and Rauma   | 2000 dwt           | I            | 13.01. |
|                | Kaskinen, Kristiinankaupunki and Uusikaupunki  | 2000 dwt           | IB           | 23.01. |
|                | Eckerö, Maarianhamina and Langnäs  | 2000 dwt           | II           | 13.01. |
|                | Naantali and Turku   | 2000 dwt           | I            | 23.01. |
|                | Mussalo  | 2000 dwt           | IB           | 29.01. |
|                | Helsinki and Sköldvik  | 2000 dwt           | I            | 29.01. |
|                | Taalintehdas, Förby, Koverhar, Lapohja, Inkoo and Kantvik                                      | 2000 dwt           | I            | 13.01. |
|                | Hanko  | 2000 dwt           | II           | 13.01. |
|                | Loviisa, Kotka and Hamina  | 2000 dwt           | IB           | 29.01. |
|                | Lake Saimaa  | 2000 dwt           | IA           | 08.01. |
|                | Saimaa Canal   | 2000 dwt           | IA           | 08.01. |
| <b>Russia</b>  | Vyborg   | -                  | Ice 1        | 30.12. |
|                | Vysotsk  | -                  | Ice 1        | 30.12. |
|                | Primorsk   | -                  | Ice 1        | 01.02. |
|                | Ust-Luga   | -                  | Ice 1        | 29.12. |
| <b>Sweden</b>  | Karlsborg  | 4000 dwt           | IA (2000 t)  | 14.01. |
|                | Lulea, Haraholmen and Skelleftehamn  | 4000 dwt           | IA           | 14.01. |
|                | Rundvik, Husum and Örnsköldsvik  | 2000 dwt           | IB           | 17.01. |
|                | Holmsund   | 2000 dwt           | IB           | 04.01. |
|                | Angermanälven  | 2000 dwt           | IB           | 18.12. |
|                | Härnösand, Söråker, Sundsvall, Stocka, Hudiksvall, Iggesund, Söderhamn, Orrskär and Norrsundet | 2000 dwt           | IB           | 17.01. |

|  |          |    |        |
|--|----------|----|--------|
| Gävle  | 2000 dwt | IB | 17.01. |
| Hargshamn  | 2000 dwt | IC | 04.01. |
| Skutskär and Öregrund  | 2000 dwt | IB | 17.01. |
| Hallstavik and Grisslehamn   | 2000 dwt | IC | 04.01. |
| Kappelskär, Stockholm, Nynäshamn and Södertälje  | 2000 dwt | II | 04.01. |
| Köping and Västerås  | 2000 dwt | IB | 04.01. |
| Balsta   | 2000 dwt | IB | 14.01. |
| Oxelösund, Norrköping, Västervik, Oskarshamn, Mönsterås, Kalmar, De-gerhamn, Berkvara, Karlskrona, Stenungsund and Uddevalla | 2000 dwt | II | 04.01. |
| Trollhätte Canal and Göta Älv  | 2000 dwt | IB | 16.01. |
| Vänern   | 2000 dwt | IB | 16.01. |

### Estonia

**Icebreaker:** EVA-316 assists to the port of Pärnu. BOTNICA assists to the ports of Kunda and Sillamäe.

### Finland/Sweden

The traffic separation schemes in the Lake Vänern are temporarily out of use from 12 January due to ice conditions.

The transit traffic west of Holmöarna is temporarily prohibited.

Kalmarsund and Öregrundsgrepen: Transit traffic for low powered vessels is not recommended.

The traffic separation schemes in the Quark are temporarily out of use from 20 December due to ice conditions.

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:** YMER, BRAGE VIKING, ODEN, FREJ, POLARIS, KONTIO, SISU and URHO assist in the Bay of Bothnia. ATLE and OTSO assist in the southern Bay of Bothnia and in the Quark. ZEUS assists in the Sea of Bothnia. VOIMA, CALYPSO, FENNICA and NORDICA assist the Gulf of Finland.

### Norway

Mossesundet (Moss): Icebreaker assistance can only be given to vessels of special ice class and of special size. (05.01.24)

Drammensfjorden (Drammen), Kilsfjorden (Kragerø) and Hellefjorden (Kragerø): Icebreaker assistance can only be given to vessels suitable for navigation in ice and of special size. (08.01.24)

Langårsund (Kragerø): Navigation temporarily closed. (08.01.24)

### Russia

There are restrictions for small crafts going to St. Petersburg, Vyborg, Vysotsk, Primorsk and Ust-Luga. Barge towed by tug not allowed to navigate in ice.

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

## Baltic Sea Ice Code

|  |  |
|--|--|
| <p>First number:</p> <p><b>A<sub>B</sub> Amount and arrangements of sea ice</b></p> <p>0 Ice free</p> <p>1 Open water – concentration less than 1/10</p> <p>2 Very open ice - concentration 1/10 to 3/10</p> <p>3 Open ice – concentration 4/10 to 6/10</p> <p>4 Close ice – concentration 7/10 to 8/10</p> <p>5 Very close ice – concentration 9/10 to 9+/10</p> <p>6 Compact ice, including consolidated ice – concentration 10/10</p> <p>7 Fast ice with drift ice outside</p> <p>8 Fast ice</p> <p>9 Lead in very close or compact drift ice or along the fast ice edge</p> <p>/ Unable to report</p> <p>Third number:</p> <p><b>T<sub>B</sub> Topography or form of ice</b></p> <p>0 Pancake ice, ice cakes, brash ice – less than 20 m across</p> <p>1 Small ice floes – 20 to 100 m across</p> <p>2 Medium ice floes – 100 to 500 m</p> <p>3 Big ice floes – 500 to 2000 m across</p> <p>4 Vast or giant ice floes – more than 2000 m across – or level ice</p> <p>5 Rafted ice</p> <p>6 Compact slush or shuga, or compacted brash ice</p> <p>7 Hummocked or ridged ice</p> <p>8 Thaw holes or many puddles on the ice</p> <p>9 Rotten ice</p> <p>/ No information or unable to report</p> | <p>Second number:</p> <p><b>S<sub>B</sub> Stage of ice development</b></p> <p>0 New ice or dark nilas (less than 5 cm thick)</p> <p>1 Light nilas (5 - 10 cm thick) or ice rind</p> <p>2 Grey ice (10 - 15 cm thick)</p> <p>3 Grey-white ice (15 - 30 cm thick)</p> <p>4 White ice, first stage (30 - 50 cm thick)</p> <p>5 White ice, second stage (50 - 70 cm thick)</p> <p>6 Medium first year ice (70 - 120 cm thick)</p> <p>7 Ice predominantly thinner than 15 cm with some thicker ice</p> <p>8 Ice predominantly grey-white ice (15 – 30 cm) with some thicker ice</p> <p>9 Ice predominantly thicker than 30 cm with some thinner ice</p> <p>/ No information or unable to report</p> <p>Fourth number:</p> <p><b>K<sub>B</sub> Navigation conditions in ice</b></p> <p>0 Navigation unobscured</p> <p>1 Navigation difficult or dangerous for wooden vessels without ice sheathing</p> <p>2 Navigation difficult for unstrengthened or low-powered vessels built of iron or steel. Navigation for wooden vessels even with ice sheathing not advisable</p> <p>3 Navigation without icebreaker assistance possible only for high-powered vessels of strong construction and suitable for navigation in ice</p> <p>4 Navigation proceeds in lead or broken ice-channel without the assistance of an icebreaker</p> <p>5 Icebreaker assistance can only be given to vessels suitable for navigation in ice and of special size</p> <p>6 Icebreaker assistance can only be given to vessels of special ice class and of special size</p> <p>7 Icebreaker assistance can only be given to vessels after special permission</p> <p>8 Navigation temporarily closed</p> <p>9 Navigation has ceased</p> <p>/ Unknown</p> |
|--|--|

## Finland, 05.02.2024

|   |      |  |      |
|---|------|--|------|
| Oulu harbours – Kattilankalla             | 8446 | Sea W of line Pori lighthouse – Säppi  | 4046 |
| Kattilankalla – Oulu 1                    | 7476 | Rauma, Harbour – Kylmäpihlaja          | 7366 |
| Sea area SW of Oulu 1                     | 5476 | Kylmäpihlaja – Rauma lighthouse        | 4046 |
| High Sea N of the latitude of Marjaniemi  | 5476 | Uusikaupunki harbour – Kirsta          | 8846 |
| Raahe harbour – Heikinkari                | 8446 | Kirsta – Isokari                       | 7766 |
| Heikinkari – Raahe lighthouse             | 6856 | Isokari – Sandbäck                     | 0//6 |
| Raahe lighthouse – Nahkiainen             | 6856 | Sea area N of Sälskär                  | 0//5 |
| Latitude Marjaniemi – Ulkokalla, Sea      | 5476 | Maarianhamina – Marhällan              | 2725 |
| Rahja harbour – Välimatala                | 8846 | Naantali and Turku – Rajakari          | 8846 |
| Välimatala to line Ulkokalla – Ykskivi    | 5476 | Rajakari – Lövskär                     | 8846 |
| Sea betw. lat. of Ulkokalla – Pietarsaari | 4346 | Lövskär – Korra                        | 7766 |
| Ykskivi – Repskär                         | 8846 | Korra – Isokari                        | 5766 |
| Repskär – Kokkola lighthouse              | 5466 | Lövskär – Berghamn                     | 8346 |
| Sea area off Kokkola lighthouse           | 4746 | Berghamn – Stora Sottunga              | 1106 |
| Pietarsaari – Kallan                      | 7366 | Stora Sottunga – Ledskär               | 7746 |
| Sea area off Kallan                       | 5366 | Sea area at Rödhamn                    | 1106 |
| Sea lat. Pietarsaari – NE Nordvalen       | 4346 | Lövskär – Grisselborg                  | 8346 |
| Sea area ENE of Nordvalen                 | 4346 | Grisselborg – Norparskär               | 1106 |
| Sea area Nordvalen to W of Norrskär       | 5356 | Hanko harbours – Hanko 1               | 2725 |
| Vaskiluoto – Ensten                       | 8446 | Hanko – Vitgrund                       | 8342 |
| Ensten – Vaasa lighthouse                 | 5366 | Vitgrund – Utö                         | 8345 |
| Vaasa lighthouse – Norrskär               | 4346 | Koverhar – Hästö Busö                  | 7346 |
| Sea area SW of Norrskär                   | 3006 | Hästö Busö – Ajax                      | 2726 |
| Kaskinen – Sälgrund                       | 8846 | Inkoo a. Kantvik – sea area Porkkala   | 7346 |
| Sea area off Sälgrund                     | 7366 | Sea area at Porkkala                   | 1716 |
| High sea from N to latitude Yttergrund    | 4046 | Helsinki harbours – Harmaja            | 7706 |
| Pori harb. to line Pori lighth. – Säppi   | 5366 | Harmaja – Helsinki lighthouse          | 1706 |
|   |      | Fairway Helsinki – Porkkala – Rönnskär | 2726 |

|  |      |                                      |      |
|--|------|--------------------------------------|------|
| Vuosaari harbour – Eestiluoto            | 7706 | Draghällan – Ästholmsudde            | 1206 |
| Eestiluoto – Helsinki lighthouse         | 1106 | Off Ästholmsudde and Brämön          | 1206 |
| Porvoo harbours – Varlax                 | 4756 | Hudiksvallfjärden                    | 8346 |
| Varlax – Porvoo lighthouse               | 2726 | Iggesund – Agö                       | 8346 |
| Porvoo lighthouse – Kalbådagrund         | 1106 | Sea area off Agö                     | 1206 |
| Valko Harbour – Tåktarn                  | 8346 | Sandarne – Hällgrund                 | 8346 |
| Archipelago fairway Boistö – Glosholm    | 2726 | Sea area off Hällgrund               | 1206 |
| Archipelago fairway Glosholm–Helsinki    | 7756 | Ljusnefjärden – Storjungfrun         | 8346 |
| Kotka – Viikari                          | 8346 | Sea area off Storjungfrun            | 1206 |
| Viikari – Orregrund                      | 2716 | Gävle – Eggegrund                    | 8346 |
| Orregrund – Tiiskeri                     | 2716 | Öregrundsgrepen                      | 8246 |
| Tiiskeri – Kalbådagrund                  | 1106 | Hallstavik – Svartklubben            | 8246 |
| Hamina – Suurmusta                       | 8346 | Trälhavet – Furusund – Kapellskär    | 3026 |
| Suurmusta – Merikari                     | 7356 | Stockholm – Trälhavet – Klövholmen   | 2026 |
| Merikari – Kaunissaari                   | 2726 | Klövholmen – Sandhamn                | 2026 |
|  |      | Köping – Kvicksund                   | 8344 |
| <b>Norway, 05.02.2024</b>                |      | Västerås – Grönsö                    | 8344 |
| Svinesund – Halden                       | 33// | Grönsö – Södertälje                  | 8344 |
| Mossesund                                | 3745 | Stockholm – Södertälje               | 8344 |
| Drammensfjord                            | 5354 | Södertälje – Fifong                  | 8244 |
| Tønsberg, inner harbour                  | 82/3 | Fifong – Landsort                    | 2226 |
| Vestfjord (Tønsberg)                     | 82/3 | Norrköping – Hargökalv               | 2126 |
| Larviksfjorden (Stavern – Larvik)        | 121/ | Hargökalv – Vinterklasen – N Kränkan | 2126 |
| Langårsund (Kragerø)                     | 8284 | Järnverket-Lillhammaren – N Kränkan  | 3226 |
|  |      | Västervik – Marsholmen – Idö         | 5246 |
| <b>Russian Federation, 05.02.2024</b>    |      | Blå Jungfrun – Kalmar                | 1106 |
| Port of St. Petersburg                   | 89// | Kalmar – Utgrunden                   | 1106 |
| St. Petersburg – E-point island Kotlin   | 89// | Uddevalla – Stenungsund              | 2126 |
| E-point Kotlin – long. lighth. Tolbuhkin | 89// | Vänersborgsviken                     | 2326 |
| Lighth. Tolbuhkin – lighth. –Šepelevskij | 53// | Fairway to Gruvön                    | 8346 |
| Lighthouse Šepelevskij – island Sescar   | 53// | Fairway to Karlstad                  | 8346 |
| Vyborg, port and bay                     | 83// | Fairway to Kristinehamn              | 8346 |
| Island Vichrevoj – Island Sommers        | 53// | Fairway to Otterbäcken               | 8346 |
| Strait Bjerkesund                        | 83// | Fairway to Lidköping                 | 8346 |
| E-point Bol'šoj Ber'ozovyj – Šepelevskij | 82// |                                      |      |
| Appr. Luga bay – line Moš.-Šepel.        | 21// |                                      |      |
|  |      |                                      |      |
| <b>Sweden, 05.02.2024</b>                |      |                                      |      |
| Haraholmen – Nygrån                      | 8446 |                                      |      |
| Sea area off Nygrån                      | 3326 |                                      |      |
| Skelleftehamn – Gåsören                  | 8446 |                                      |      |
| Sea area off Gåsören                     | 1306 |                                      |      |
| Sea area off Bjuröklubb                  | 1306 |                                      |      |
| NE of Nordvalen                          | 4046 |                                      |      |
| SW of Nordvalen                          | 4046 |                                      |      |
| Western Quark (W of Holmöarna)           | 5356 |                                      |      |
| Umeå – Väktaren                          | 4336 |                                      |      |
| SE of Väktaren                           | 5356 |                                      |      |
| NE and SE of Sydostbrotten               | 4336 |                                      |      |
| Fairway to Husum                         | 1206 |                                      |      |
| Örnsköldsvik – Hörnskatan                | 8346 |                                      |      |
| Hörnskatan – Skagsudde                   | 8346 |                                      |      |
| Sea area off Skagsudde                   | 1206 |                                      |      |
| Fairway W of Ulvöarna                    | 8246 |                                      |      |
| Sea area E of Ulvöarna                   | 1206 |                                      |      |
| Ångermanälven north Sandö Bridge         | 8344 |                                      |      |
| Ångermanälven south Sandö Bridge         | 8344 |                                      |      |
| Härnösand – Härnön                       | 4044 |                                      |      |
| Sea area off Härnön                      | 1206 |                                      |      |
| Sundsvall – Draghällan                   | 1206 |                                      |      |