

20th Baltic Sea Ice Meeting (BSIM-20) paragraph4

International fairway sections and areas for ice report in Baltic Sea Ice Code Valid from Ice Season 2001/2002

DENMARK

FAIRWAY SECTIONS AND AREAS FOR ICE REPORT

AA	1 Sea area N of Hammeren		BB	1 Sea area W of Ven	
	2 Fairway to Rønne			2 Sea area E of Ven	
	3 Sea area between Rønne and Falsterbo			3 Sea area off Helsingör	
	4 Sea area off Falsterbo			4 Sea area off Nakkehoved	
	5 Fairway through Drogden			5 Sea area S of Hesselö	
	6 Fairway to Köbenhavn			6 Fairway to Isefjord – Kyndby Verket	
CC	1 Sea area off Mön lighthouse	Route T	DD	1 Agersösund – Stignaes	
	2 Sea area S of Gedser	Route T		2 Storebaelt channel, western part	
	3 Sea area S of Rödby harbour			3 Storebaelt channel, eastern part	Route T
	4 Sea area SE of Keldsnor	Route T		4 Sea area E of Romsö	Route T
	5 Sea area off Spodsbjerg	Route T		5 Fairway to Kalundborg –oilharbour	
	6 Sea area W of Omö	Route T		6 Sea area W of Rösnaes	Route T
EE	1 Sea area W of Sjaellands rev	Route T	FF	1 Southern entrance to Lillebaelt, Skjoldnaes	
	2 Sea area W of Hesselö	Route T		2 Sea area off Helnaes	
	3 Sea area E of Anholt	Route T		3 Fairway to Åbenrå –Enstedvaerket	
	4 Sea area W of Fladen lighthouse	Route T		4 Sea area off Assens	
	5 Sea area NW of Kummelbank	Route T		5 Kolding Yderfjord to the bridges	
	6 Sea area N of Skagen	Route T		6 Fairway to Esbjerg	
GG	1 Fairway at Fredricia to the bridges		HH	1 Sea area off Fornaes	
	2 Sea area N of Aebelö			2 Fairway to Randers	
	3 Fairway to Odense			3 Entrance at Hals Barre	
	4 Sea area at Vesborg lighthouse			4 Fairway to Aalborg	
	5 Sea area S of Sletterhage			5 Sea area NW of Laesö	
	6 Fairway to Århus			6 Sea area off Hirsholmene	

ESTONIA

FAIRWAY SECTIONS AND AREAS FOR ICE REPORT

AA	1 Shipping route from Narva –Joesuu		BB	1 Pärnu, port and bay	
	2 Kunda, port and bay			2 Shipping route from Pärnu to Irben Strait	
	3 Shipping route from Kunda meridian to Tallinn			3 Irben Strait	
	4 Muuga, port and bay		CC	1 Moonsund	
	5 Tallinn, port and bay				
	6 Shipping route from Tallinn meridian to Osmussaar				

- 7 Shipping route from Osmussaar to Ristna
- 8 Shipping route from Ristna latitude to Irben Strait

FINLAND

FAIRWAY SECTIONS AND AREAS FOR ICE REPORT

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| <p>AA 1 Röyttä - Etukari
2 Etukari - Ristinmatala
3 Ajos - Ristinmatala
4 Ristinmatala - Kemi 2
5 Kemi 2 - Kemi 1
6 Sea area SW of Kemi 1
7 Kemi 2 - Ulkokrunni - Virpiniemi</p> <p>BB 1 Oulu harbours - Kattilankalla
2 Kattilankalla - Oulu 1
3 Sea area SW of Oulu 1
4 The high sea N of the latitude of Marjaniemi</p> <p>CC 1 Raahe harbour - Heikinkari
2 Heikinkari - Raahe lighthouse
3 Raahe lighthouse - Nahkiainen
4 The high sea between latitudes of Marjaniemi and Ulkokalla</p> <p>DD 1 Rahja harbour - Välimatala
2 Sea area from Välimatala to the line Ulkokalla - Ykskivi
3 The high sea between latitudes of Ulkokalla and Pietarsaari</p> <p>EE 1 Ykspihlaja - Repskär
2 Repskär - Kokkola lighthouse
3 Sea area off Kokkola lighthouse
4 Pietarsaari - Kallan
5 Sea area off Kallan
6 The high sea from the latitude of Pietarsaari to ENE of Nordvalen</p> <p>FF 1 Sea area ENE of Nordvalen
2 Sea area from Nordvalen to W of Norrskär
3 Vaskiluoto - Ensten
4 Ensten - Vaasa lighthouse
5 Vaasa lighthouse - Norrskär
6 Sea area SW of Norrskär</p> <p>GG 1 Kaskinen - Sälgrund
2 Sea area off Sälgrund
3 The high sea from N to the latitude of Yttergrund</p> <p>HH 1 From Pori harbours to the line Pori lighthouse - Säppi
2 Sea area W of the line Pori lighthouse - Säppi
3 The high sea between the latitudes of</p> | <p>JJ 1 Uusikaupunki harbour - Kirsta
2 Kirsta - Isokari
3 Isokari - Sandbäck
4 Sea area off Sandbäck</p> <p>KK 1 Sea area N of Sälskär
2 Sea area N of Märket
3 Sea area W of Märket
4 Sea area S of Märket</p> <p>LL 1 Maarianhamina - Marhällan
2 Sea area off Nyhamn and Marhällan
3 The middle Åland Sea
4 Sea area S of Lågsjär</p> <p>MM 1 Naantali and Turku - Rajakari
2 Rajakari - Lövskär</p> <p>NN 1 Lövskär - Korra
2 Korra - Isokari
3 Lövskär - Berghamn
4 Berghamn - Stora Sottunga
5 Stora Sottunga - Ledskär
6 Sea area at Röddhamn</p> <p>OO 1 Lövskär - Grisselborg
2 Grisselborg - Norparskär
3 Sea area at Vidskär
4 Utö - Suomen Leijona
5 Sea area S of Suomen Leijona</p> <p>PP 1 Hanko harbours - Hanko 1
2 Sea area S of Hanko 1
3 Hanko - Vitgrund
4 Vitgrund - Utö</p> <p>QQ 1 Koverhar - Hästö Busö
2 Hästö Busö - Ajax
3 Sea area S of Ajax</p> <p>RR 1 Inkoo and Kantvik harbours – Sea area at Porkkala
2 Sea area at Porkkala
3 Sea area S of Porkkala lighthouse</p> <p>SS 1 Helsinki harbours - Harmaja</p> |
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Yttergrund and Rauma

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| II | 1 Rauma harbour - Kylmäpihlaja | 2 Harmaja - Helsinki lighthouse | |
| | 2 Kylmäpihlaja - Rauma lighthouse | 3 Helsinki lighthouse – sea area S of Porkkala lighthouse | |
| | 3 Sea area W of Rauma lighthouse | 4 Archipelago fairway Helsinki - Porkkala - Rönnskär | |
| | 4 The high sea S of the latitude of Rauma | 5 Vuosaari harbour - Eestiluoto | |
| | | 6 Eestiluoto - Helsinki, lighthouse | |
| TT | 1 Porvoo harbours - Varlax | UU | 1 Kotka - Viikari |
| | 2 Varlax - Porvoo lighthouse | | 2 Viikari - Orregrund |
| | 3 Porvoo lighthouse - Kalbådagrund | | 3 Orregrund - Tiiskeri |
| | 4 Sea area Kalbådagrund - Helsinki lighthouse | | 4 Tiiskeri - Kalbådagrund |
| | 5 Valko harbour - Täktarn | | 5 Hamina - Suurmusta |
| | 6 Archipelago fairway Boistö - Glosholm | | 6 Suurmusta - Merikari |
| | 7 Archipelago fairway Glosholm - Helsinki | | 7 Merikari - Kaunissaari |

Germany

FAIRWAY SECTIONS AND AREAS FOR ICE REPORT

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| AA | 1 Stralsund – Palmer Ort | GG | 1 Holtenau, canal approach |
| | 2 Palmer Ort – Freesendorfer Haken | | 2 Kiel canal, Holtenau – Rendsburg |
| | 3 Osttief | | 3 Kiel canal, Brunsbüttel – Rendsburg |
| | 4 Landtiefrinne | | 4 Brunsbüttel, canal approach |
| | 5 Fährhafen Sassnitz, harbour and vicinity | | |
| | 6 Fährhafen Sassnitz, sea area | | |
| | 7 Arkona, sea area | | |
| BB | 1 Wolgast – Peenemünde | HH | 1 Hamburg-Landungsbrücken, Elbe |
| | 2 Peenemünde – Ruden | | 2 Stadersand, Elbe |
| | 3 Brunsbüttel, Elbe | | |
| | 4 Cuxhaven – Neuwerk | | |
| | 5 Approach buoy „Elbe“ | | |
| CC | 1 Rostock – Warnemünde | II | 1 Bremen, Weser |
| | 2 Rostock, overseas harbours | | 2 Brake, Weser |
| | 3 Warnemünde, sea channel | | 3 Bremerhaven, Weser |
| | 4 Warnemünde, sea area | | 4 Lighthouse „Hohe Weg“, channel |
| | 5 Approach buoy „Rostock“, sea N | | 5 Alte Weser, channel |
| | 6 Neue Weser, channel | | |
| DD | 1 Wismar – Walfisch | KK | 1 Wilhelmshaven, harbour entrances |
| | 2 Walfisch – Timmendorf | | 2 Wilhelmshaven, oil jetty (Jade) |
| | 3 Timmendorf – approach buoy „Wismar“ | | 3 Schillig, Jade |
| | 4 Lübeck – Travemünde | | 4 Wangerooger Fahrwasser |
| | 5 Travemünde, harbour | | |
| | 6 Travemünde, sea area | | |
| | 7 Dahmeshöved, sea area | | |
| EE | 1 Holtenau – Laboe | LL | 1 Emden, Ems and outer harbour |
| | 2 Bülk, sea area | | 2 Emden – Randzelgat |

- 3 Lighthouse „Kiel“, sea area NE
- 4 Westermarkelsdorf, sea area
- 5 Marienleuchte, sea area
- 6 Fehmarnbelt, entrance E

- 3 Borkum, Randzelgat
- 4 Borkum, Westerems

- FF** 1 Flensburg – Holnis
- 2 Holnis – Neukirchen
- 3 Neukirchen – Kalkgrund
- 4 Falshöft, sea area

LATVIA

FAIRWAY SECTIONS AND AREAS FOR ICE REPORT

- AA** 1 Port of Riga
- 2 Shipping route from the port of Riga to the Cape of Mersrags
- 3 Shipping route from the Cape of Mersrags to the Irben Strait
- 4 Shipping route in the Irben Strait

- BB** 1 Port of Ventspils
- 2 Shipping route from the Irben Strait to the port of Ventspils

- CC** 1 Port of Liepaya
- 2 Shipping route from the port of Ventspils to the port of Liepaya
- 3 Shipping route from the port of Liepaya to the sea border of Lithuania.

LITHUANIA

FAIRWAY SECTIONS AND AREAS FOR ICE REPORT

- AA** 1 Port of Klaipeda
- 2 Shipping route from port of Klaipeda to the sea border of Latvia
- 3 Shipping route from port of Klaipeda to the sea border of Russia

The NETHERLANDS

FAIRWAY SECTIONS AND AREAS FOR ICE REPORT

- AA** Delfzijl/ Eemshaven and approaches
- 1 Delfzijl
- 2 Eemshaven
- 3 Eems: Oterdum-Eemshaven
- 4 Eems: Eemshaven—Huibertgat

- EE** Rotterdam and approach
- 1 Nieuwe Maas and harbours
- 2 Botlek harbours
- 3 Europoort
- 4 New Waterway
- 5 Hoek of Holland – fairway buoy

- BB** Harlingen and approach
- 1 Harlingen
- 2 Along Pollendam
- 3 Blauwe Slenk

- FF** Rotterdam to Dordrecht/Moerdijk harbours
- 1 Moerdijk
- 2 Moerdijk – Dordrecht
- 3 Dordrecht

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| <p>4 Vliestroom and Stortemelk</p> <p>CC Den Helder and approach</p> <p>1 Den Helder</p> <p>2 Texelstroom and Marsdiep</p> <p>3 Schulpengat</p> <p>DD Amsterdam/Zaandam and approaches</p> <p>1 Branch canal G and Zaandam harbours</p> <p>2 Amsterdam East harbours</p> <p>3 Amsterdam West harbours</p> <p>4 Branch canal A (Beverwijk)</p> <p>5 North Sea Canal</p> <p>6 Ijmuiden locks - fairway buoy</p> | <p>4 Oude Maas</p> <p>5 Noord</p> <p>GG Schelde harbours and approaches</p> <p>1 Antwerp harbours</p> <p>2 Schelde: Antwerp – Hansweert</p> <p>3 Schelde: Hansweert – Flushing roads</p> <p>4 Sloe harbour</p> <p>5 Oostgat</p> <p>6 Wielingen</p> <p>7 Canal Terneuzen - Gent</p> |
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NORWAY

FAIRWAY SECTIONS AND AREAS FOR ICE REPORT

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| <p>AA 1 Sekken (Halden)</p> <p>2 Singlefjorden (Halden)</p> <p>3 Svinesund –Halden</p> <p>4 Torbjørnskjaer lighthouse</p> <p>5 Struten lighthouse</p> <p>6 Löperen (Fredrikstad)</p> <p>BB 1 Österelva (Fredrikstad)</p> <p>2 Leira (Fredrikstad)</p> <p>3 Vesterelva (Fredrikstad)</p> <p>4 Rauøyfjorden</p> <p>5 Verlebukta – Moss</p> <p>6 Mossesundet</p> <p>CC 1 Oslo – Steilene – Spro beacon</p> <p>2 Spro becon – Fagerstrand – Dröbak</p> <p>3 Dröbak –Filtvet lighthouse</p> <p>4 Filtvet –Gullholmen lighthouse</p> <p>5 Dramsfjorden</p> <p>6 Breiangeren (North of Horten)</p> <p>DD 1 Langgrunnen (Horten)</p> <p>2 Gullholmen lighthouse –Mefjordbåen</p> <p>3 Mefjordbåen – Fulehuk lighthouse</p> <p>4 Fulehuk – Ferder lighthouse</p> <p>5 West of Ferder</p> <p>6 South of Ferder</p> <p>EE 1 Torgersøygapet (Tönsberg)</p> <p>2 Husöjysund – Tönsberg channel</p> <p>3 Tönsberg inner harbour</p> <p>4 Vestfjorden (Tönsberg)</p> <p>5 Leistenløpet</p> <p>6 Vrengen</p> | <p>FF 1 Tjömekjela</p> <p>2 Sandefjorden (Sandefjord)</p> <p>3 Inside Svenner lighthouse</p> <p>4 Off Svenner lighthouse</p> <p>5 Larviksfjorden (Stavern – Larvik)</p> <p>6 Langesundsbukta</p> <p>GG 1 Brevikfjord</p> <p>2 Frierfjorden (Porsgrunn,Skien)</p> <p>3 Jomfrulandsrenna</p> <p>4 Off Jomfruland</p> <p>5 Skåtöysund (Kragerö)</p> <p>6 Langårsund (Kragerö)</p> <p>HH 1 Krageröfjorden</p> <p>2 Grønholmsgapet (Risör)</p> <p>3 Stangholmgapet (Risör)</p> <p>4 Lyngörfjorden</p> <p>5 Off Lyngör</p> <p>6 Tvedestandsfjorden</p> <p>II 1 Tromsöysund (Arendal)</p> <p>2 Galtesund (Arendal)</p> <p>3 Inside Torungen lighthouse (Arendal)</p> <p>4 Off Torungen lighthouse (Arendal)</p> <p>5 Grimstad</p> <p>6 Inside Homborsund lighthouse</p> <p>JJ 1 Off Homborsund lighthouse</p> <p>2 Lillesand</p> <p>3 Kristiansandsfjorden</p> <p>4 Off Oksøy lighthouse (Kristiansand)</p> |
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POLAND

FAIRWAY SECTIONS AND AREAS FOR ICE REPORT

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| AA 1 | Krynica Morska, sea | BB 1 | Rozewie lighthouse, sea |
| 2 | Gdansk, maritime harbour | 2 | Ustka, harbour |
| 3 | Gdansk Port Polnocny | 3 | Ustka, sea |
| 4 | Gdansk, sea | 4 | Darlowo, harbour |
| 5 | Gdynia, harbour | 5 | Darlowo, sea |
| 6 | Gdynia, sea | 6 | Kolobrzeg, harbour |
| 7 | Hel lighthouse, sea to south | 7 | Kolobrzeg, sea |
| 8 | Hel lighthouse, sea to east | | |
| 9 | Hel lighthouse, sea to north | | |
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| CC 1 | Zalew Szczecinski |
| 2 | Szczecin, harbour |
| 3 | Passage Swinoujscie – Szczecin, |
| 4 | Swinoujscie, harbour |
| 5 | Swinoujscie, sea |

RUSSIA

FAIRWAY SECTIONS AND AREAS FOR ICE REPORT

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| AA 1 | Port of ST.Petersburg |
| 2 | St.Petersburg – eastern point, island Kotlin |
| 3 | Eastern point, island Kotlin – longitude lighthouse Tolbuhkin |
| 4 | Lighthouse Tolbuhkin – lighthouse Shepelevski |
| 5 | Lighthouse Shepelevski – island Sescar |
| 6 | Island Sescar – island Sommers |
| 7 | Island Sommers –southern point, island Hogland |
| 8 | Southern point, island Hogland – longitude p. Kunda |
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| BB 1 | Vyborg, port and bay |
| 2 | Island Vihrevoj –island Sommers |
| 3 | Strait Bjerkesund |
| 4 | Eastern point, island Bolshoy Berezovyj – Shepelevski |
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| CC 1 | Luga bay |
| 2 | Approaches to Luga bay, line island Motshjnyj – Shepelevski |
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| DD 1 | Port of Kaliningrad |
| 2 | Shipping route from port of Kaliningrad to Lithuanian sea border |
| 3 | Shipping route from port of Kaliningrad to Polish sea border |

SWEDEN

FAIRWAY SECTIONS AND AREAS FOR ICE REPORT

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|-----------|---|---------------------------|-----------|---|------------------------------------|
| AA | 1 | Karlsborg-Malören | II | 1 | Trälhavet – Furusund - Kapellskär |
| | 2 | Sea area off Malören | | 2 | Kapellskär - Söderarm |
| | 3 | Luleå –Björnklack | | 3 | Stockholm – Trälhavet - Klövholmen |
| | 4 | Björnklack-Farstugrunden | | 4 | Klövholmen - Sandhamn |
| | 5 | E and SE of Farstugrunden | | 5 | Sea area off Sandhamn |

	6 Sandgrönn fairway		6 Trollharan - Långgarn
	7 Rödkallen-Norströmsgrund		7 Mysingen
BB	1 Haraholmen-Nygrån		8 Nynäshamn - Landsort
	2 Sea area off Nygrån		9 Sea area S of Landsort
	3 Skelleftehamn –Gåsören	KK	1 Köping - Kvicksund
	4 Sea area off Gåsören		2 Västerås - Grönsö
	5 Sea area off Bjuröklubb		3 Grönsö - Södertälje
CC	1 NE of Nordvalen		4 Stockholm - Södertälje
	2 SW of Nordvalen		5 Södertälje - Fifong
	3 Western Quark (W of Holmöarna)		6 Fifong - Landsort
	4 Umeå – Väktaren	LL	1 Norrköping – Hargökalv
	5 SE of Väktaren		2 Hargökalv - Vinterklasen - N Kränkan
	6 NE and SE of Sydostbrotten		3 Oxelösund harbour
DD	1 Fairway to Husum		4 Järnverket – Lillhammaren – N Kränkan
	2 Örnsköldsvik – Hörnskatan		5 Sea area off Gustaf Dalén
	3 Hörnskatan – Skagsudde	MM	1 Sea area W of Gotska Sandön
	4 Sea area off Skagsudde		2 Sea area off Visby
	5 Fairway W of Ulvöarna		3 W of Stora Karlsö
	6 Sea area E of Ulvöarna		4 Sea area off Hoburgen
EE	1 Ångermanälven north Sandö bridge		5 Sea area off Magö (Slite)
	2 Ångermanälven south Sandö bridge		6 Sea area off Fårö
	3 Härnösand – Härnön	NN	1 Västervik – Marsholmen - Idö
	4 Sea area off Härnön		2 Sea area off Idö
	5 Sundsvall – Draghällan		3 Oskarshamn - Furön
	6 Draghällan – Åstholmsudde		4 Furön – Ölands Norra Udde
	7 Off Åstholmsudde and Brämön		5 Off Ölands Norra Udde
FF	1 Hudiksvallsfjärden	OO	1 Blå Jungfrun - Kalmar
	2 Iggesund – Agö		2 Kalmar - Utgrunden
	3 Sea area off Agö		3 Utgrunden – Ölands Södra Udde
	4 Sandarne – Hällgrund		4 SE of Ölands Södra Udde
	5 Sea area off Hällgrund	PP	1 Karlskrona - Aspö
	6 Ljusnefjärden – Storjungfrun		2 Sea area off Aspö
	7 Sea area off Storjungfrun		3 Fairway to Karlshamn
GG	1 Gävle – Eggegrund		4 Fairway to Åhus
	2 Sea area off Eggegrund		5 Sea area off Sandhammaren
	3 Sea area off Örskär		6 Fairway to Trelleborg
	4 Öregrundsgrepen		7 Sea area SE of Falsterbo Rev
	5 Passage at Grundkallen	RR	1 Sea area N of Falsterbo Rev
HH	1 Passage at Understen		2 Drogden passage
	2 Sea area off Svartklubben		3 Flintrännan
	3 Hallstavig – Svartklubben		4 Fairway to Malmö
	4 Sea area off Söderarm and Tjärven		5 The Sound, Malmö - Ven
	5 Sea area off Svenska Högarna		6 The Sound, E of Ven
			7 The Sound, off Helsingborg
			8 W and S of Kullen
SS	1 Fairway to Halmstad	UU	1 Göta river
	2 Fairway to Varberg		2 Trollhätte canal – Dalbo bridge
	3 Sea area W of Nidingen		3 Vänersborgsviken
	4 Knippelholmen – Böttö (Göteborg)		4 Fairway through Lurö archipelago
	5 Vinga Sand and Danafjord		5 Fairway to Gruvön
	6 Buskär – Trubaduren – Vinga		6 Fairway to Karlstad
	7 Off Trubaduren and Vinga		7 Fairway to Kristinehamn
TT	1 Uddevalla – Stenungsund		8 Fairway to Otterbäcken
			9 Fairway to Lidköping

- 2 Stenungsund – Hätteberget
- 3 Sea area off Hätteberget
- 4 Sea area off Måseskär
- 5 Brofjorden - Dynabrott
- 6 Off Dynabrott and Gäven
- 7 Kosterfjorden
- 8 Sea area off Nordkoster