

**VESSELS BOUND FOR PORTS IN GULF OF BOTHNIA
 SUBJECT TO ICE RESTRICTIONS:
 WHEN PASSING SVENSKA BJÖRN N 59 33 E 20 01
 CALL "ICE INFO" ON CHANNEL 84**

SYMBOLS

- Fast is (10/10)
Fast ice
- Sammanfrusen, kompakt eller mycket tät drivis (9-10/10)
Consolidated, compact or very close drift ice
- Tät drivis (7-8/10)
Close drift ice
- Spridd drivis (4-6/10)
Open drift ice
- Mycket spridd drivis (1-3/10)
Very open drift ice
- Öppet vatten (<1/10)
Open water
- Nyis (1-3/10)
New ice (4-6/10)
(7-9/10)
- Jämn is (7-8/10)
Jämn is (9/10)
Level ice
- 10-20 Uppskattad istjocklek
Estimated ice thickness
- 27 Uppmätt istjocklek
Measured ice thickness
- Spricka
Crack
- Iskant
Ice boundary
- Uppskattad isgräns
Estimated ice boundary
- Hopskjutna is
Rafled ice
- Vallar och upptornad is
Ridges and hummocked ice
- Stampisvall
Windrow, brash ice barrier
- Råk
Lead
- Isbumlingar
Floebergs, floe bits
- Vattentemp-isotherm °C
Water temp isotherm °C
- W or C
Warmt / kallt maximum
Warm / cold maximum
- ALE
Isbrytare
Ice breaker

SWEDISH RESTRICTIONS TO NAVIGATION		
Harbour	Valid from	Min.tonnage, ice class
KARLSBORG - SKELLEFTEHAMN	2013-01-09	2000 dwt, ice class 1A
HOLMSUND	2013-01-20	2000 dwt, ice class 1B
ÖRNSKÖLDSVIK	2012-12-30	2000 dwt, ice class 1C
ÄNGERMANÄLVEN	2013-01-20	2000 dwt, ice class 1C
HÄRNÖSAND - SKUTSKÄR	2013-01-20	2000 dwt, ice class 2
LAKE MÄLAREN	2012-12-22	2000 dwt, ice class 2 1300 dwt, ice class 1C
LAKE VÄNERN	2012-12-22	1300 dwt, ice class 1C 2000 dwt, ice class 2

FINNISH RESTRICTIONS TO NAVIGATION		
Harbour	Valid from	Min.tonnage, ice class
TORNIO, KEMI, OULU	2013-01-02	2000 dwt, ice class 1A
RAAHE	2013-01-09	2000 dwt, ice class 1A
KOKKOLA, PIETARSAARI, VAASA	2013-01-02	2000 dwt, ice class 1B
KASKINEN, PORI, RAUMA, UUSIKAPUNKI	2013-01-02	2000 dwt, ice class 2
NAANTALI, TURKU, HANKO, KOVERHAR, INKOO, KANTVIK, HELSINKI	2013-01-14	2000 dwt, ice class 2
PORVOO, LOVIISA, KOTKA, HAMINA	2013-01-02	2000 dwt, ice class 2
LOVIISA, KOTKA, HAMINA	2013-01-30	2000 dwt, ice class 1B
TORNIO, KEMI, OULU, RAAHE	2013-01-31	4000 dwt, ice class 1A

