

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

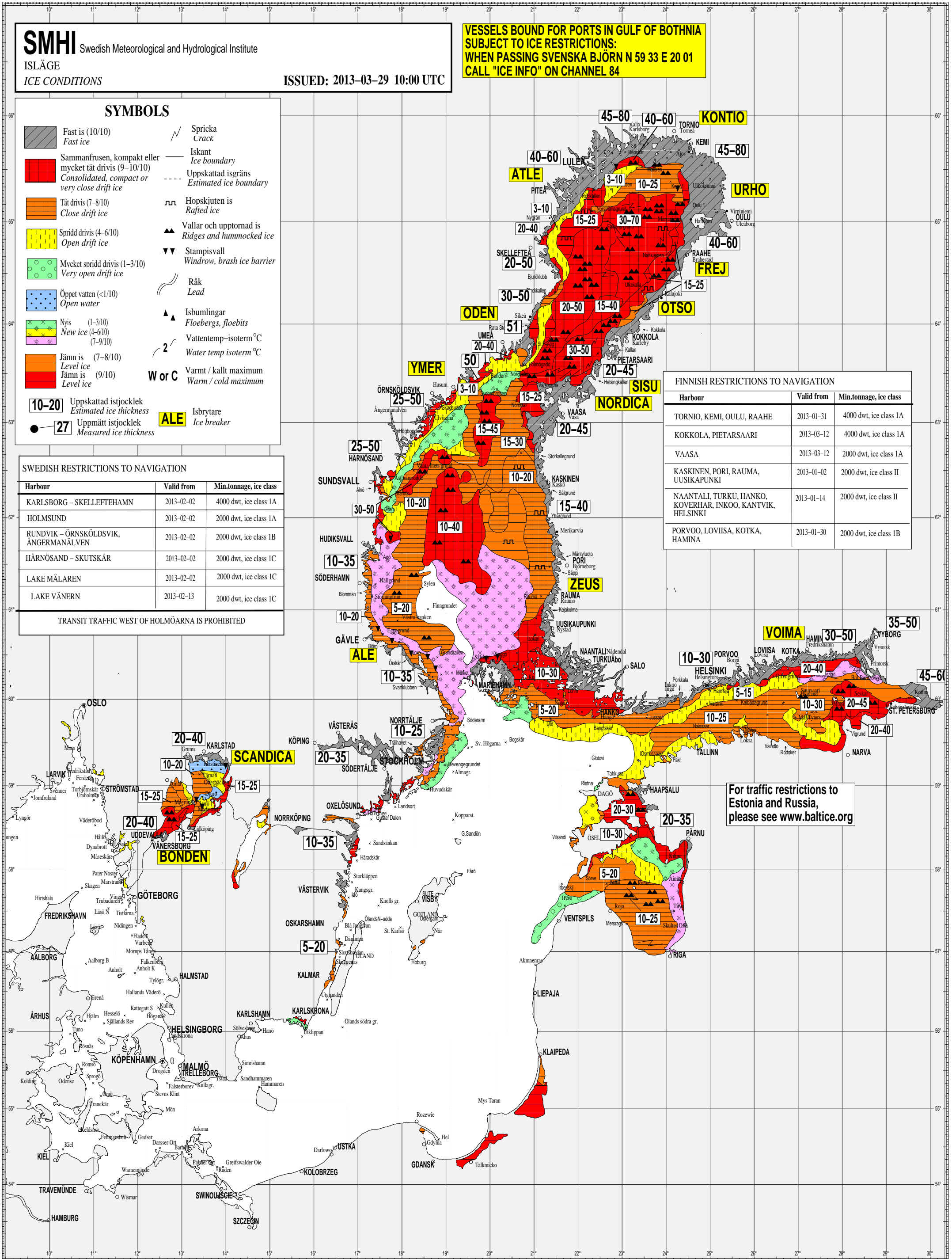
SWEDISH RESTRICTIONS TO NAVIGATION

| Harbour | Valid from | Min.tonnage, ice class |
|---------------------------------------|------------|------------------------|
| KARLSBORG – SKELLEFTEHAMN | 2013-02-02 | 4000 dwt, ice class 1A |
| HOLMSUND | 2013-02-02 | 2000 dwt, ice class 1A |
| RUNDVIK – ÖRNSKÖLDSVIK, ÄNGERMANÄLVEN | 2013-02-02 | 2000 dwt, ice class 1B |
| HÄRNÖSAND – SKUTSKÅR | 2013-02-02 | 2000 dwt, ice class 1C |
| LAKE MÄLAREN | 2013-02-02 | 2000 dwt, ice class 1C |
| LAKE VÄNERN | 2013-02-13 | 2000 dwt, ice class 1C |

TRANSIT TRAFFIC WEST OF HOLMÖARNA IS PROHIBITED

FINNISH RESTRICTIONS TO NAVIGATION

| Harbour | Valid from | Min.tonnage, ice class |
|--|------------|------------------------|
| TORNIO, KEMI, OULU, RAAHE | 2013-01-31 | 4000 dwt, ice class 1A |
| KOKKOLA, PIETARSAARI | 2013-03-12 | 4000 dwt, ice class 1A |
| VAASA | 2013-03-12 | 2000 dwt, ice class 1A |
| KASKINEN, PORI, RAUMA, UUSIKAPUNKI | 2013-01-02 | 2000 dwt, ice class II |
| NAANTALI, TURKU, HANKO, KOVERHAR, INKOO, KANTVIK, HELSINKI | 2013-01-14 | 2000 dwt, ice class II |
| PORVOO, LOVIISA, KOTKA, HAMINA | 2013-01-30 | 2000 dwt, ice class 1B |



For traffic restrictions to Estonia and Russia, please see www.baltice.org