




















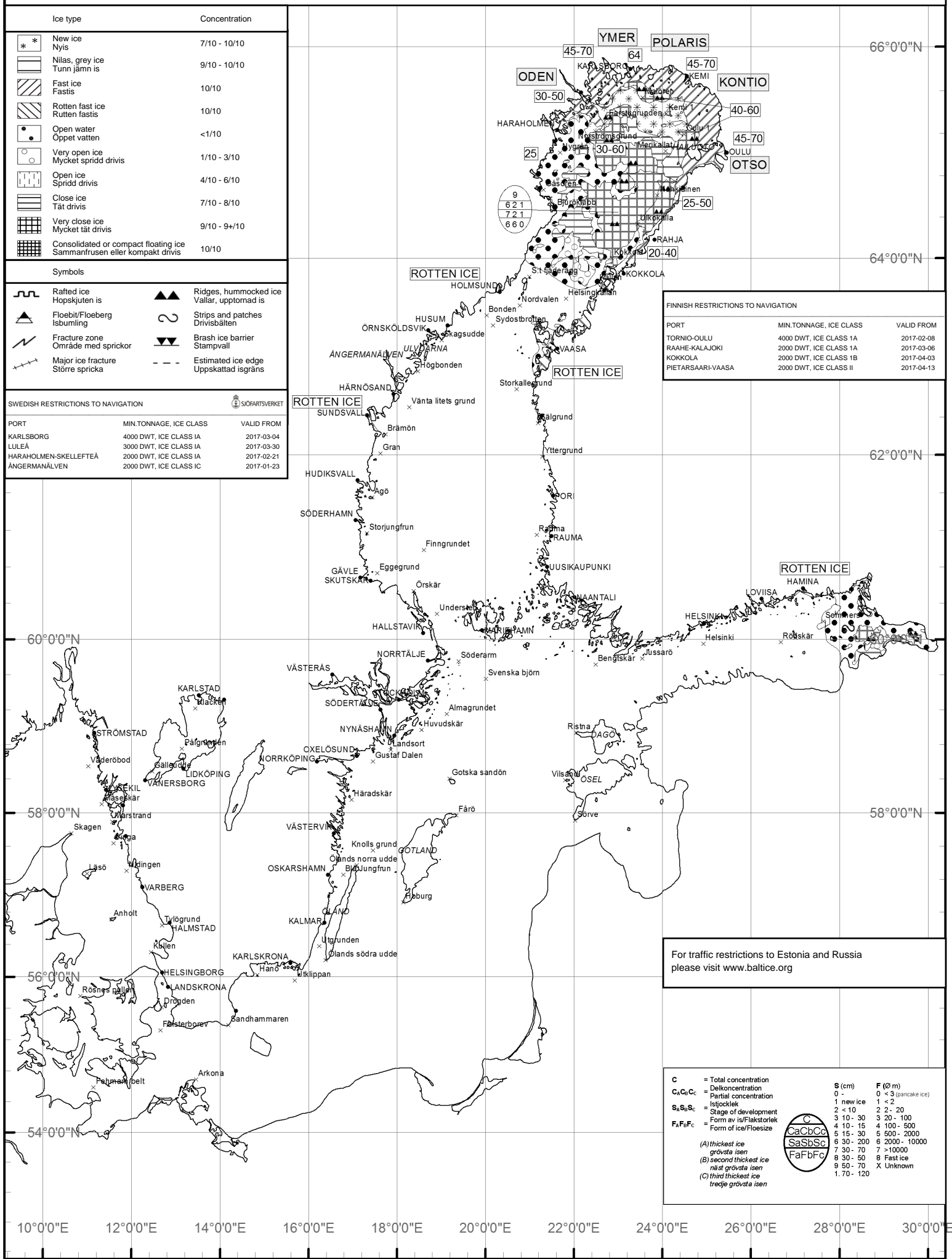
ICE CHART  
ISKARTA

VALID DATE: 2017-04-19

	Ice type	Concentration
	New ice Nyis	7/10 - 10/10
	Nilas, grey ice Tunn jämn is	9/10 - 10/10
	Fast ice Fastis	10/10
	Rotten fast ice Rutten fastis	10/10
	Open water Öppet vatten	<1/10
	Very open ice Mycket spridd drivis	1/10 - 3/10
	Open ice Spridd drivis	4/10 - 6/10
	Close ice Tät drivis	7/10 - 8/10
	Very close ice Mycket tät drivis	9/10 - 9+/10
	Consolidated or compact floating ice Sammanfrusen eller kompakt drivis	10/10

Symbols			
	Rafted ice Hopskjuten is		Ridges, hummocked ice Vallar, upptornad is
	Floebit/Floeberg Isbumling		Strips and patches Drivisbälten
	Fracture zone Område med sprickor		Brush ice barrier Stampvall
	Major ice fracture Större spricka		Estimated ice edge Uppskattad isgräns

SWEDISH RESTRICTIONS TO NAVIGATION		 SJÖFARTSVERKET
PORT	MIN.TONNAGE, ICE CLASS	VALID FROM
KARLSBORG	4000 DWT, ICE CLASS IA	2017-03-04
LULEÅ	3000 DWT, ICE CLASS IA	2017-03-30
HÄRÅHOLMEN-SKELLEFTÉÅ	2000 DWT, ICE CLASS IA	2017-02-21
ÅNGERMANÅLVEN	2000 DWT, ICE CLASS IC	2017-01-23



For traffic restrictions to Estonia and Russia  
please visit [www.baltice.org](http://www.baltice.org)

<b>C</b>	= Total concentration	<b>S (cm)</b>	<b>Φ (ø m)</b>
$C_A C_B C_C$	= Partial concentration	0 -	0 < 3 (pancake ice)
$S_A S_B S_C$	= Istjokleie	1 new ice	1 < 2
$S_A S_B S_C$	= Stage of development	2 < 10	2 2 - 20
$F_A F_B F_C$	= Form av is/flakstørleik	3 10 - 30	3 20 - 100
$F_A F_B F_C$	= Form of ice/Fløestize	4 10 - 15	4 100 - 500
		5 15 - 30	5 500 - 2000
		6 30 - 200	6 2000 - 10000
		7 30 - 70	7 > 10000
		8 30 - 50	8 Fast ice
		9 50 - 70	9 Unknown
		1 70 - 120	

(A) *thickest ice*  
*grøvtå isen*  
 (B) *second thickest ice*  
*nit grøvtå isen*  
 (C) *third thickest ice*  
*trede grøvtå isen*