



REPUBLIC OF ESTONIA
TRANSPORT ADMINISTRATION

Sailing Directions for Estonian Waters

part 3
Baltic Sea

3.1 Sõrve poolsaar to Undva nina

Updated 01.07.2025

© Estonian Transport Administration
Cartography Department

Fourth release August 2022

Copies of aerial photographs Estonian Land Board are used in this publication

Links to aerial panoramas www.estonia360.ee/sadamad/ of Joel Tammet are used in this publication

Sailing Directions for Estonian Waters is updated in compliance with navigational information, once a month
homepage: <https://transpordiamet.ee/en/sailing-directions>



VERTICAL REFERENCE SYSTEM

the depths in the Sailing Directions are given with reference to the 1977 Baltic Height System BHS-77, i.e. the Kronstadt Gauge Peil, unless otherwise indicated (BSCD2000^{EH2000})

from January 2018, the transition to the Baltic Sea Chart Datum 2000^{EH2000} (EVRS), i.e. the Normal Amsterdam Peil, began <https://www.transpordiamet.ee/en/height-system-eh2000>

NAVIGATIONAL INFORMATION

Web application Nutimeri

<https://gis.transpordiamet.ee/nutimeri/>

Tallinn Radio VHF 1, 3, 5, 7, 20, 62, 64, 66 and MF 3310 kHz at 02.33, 06.33, 10.33, 14.33, 18.33, 22.33 UTC

Local navigational warnings:

<https://gis.transpordiamet.ee/navhoiatused/en.html>

NAVTEX

station: Tallinn

symbol: F

frequency: 518 kHz

transmission times 00:50, 04:50, 08:50, 12:50, 16:50, 20:50 UTC

www-o.sjofartsverket.se/en/Maritime-services/Maritime-Traffic-Information/Navigational-Warnings/NAVTEX/

Notices to Mariners:

<https://transpordiamet.ee/NtM>

List of Lights, Estonia:

<https://transpordiamet.ee/listoflights>

REPORT

Malfunctions of aids to navigation, hazardous situations,
violations of safety regulations

phone

+3726205665

e-mail

navinfo@transpordiamet.ee

Security incidents

phone

+3726205665

e-mail

maritime.security@transpordiamet.ee

NOTATION OF AMENDMENTS

year 2024, changed pages: 3, 11, 16, 23, 27, 30, 32

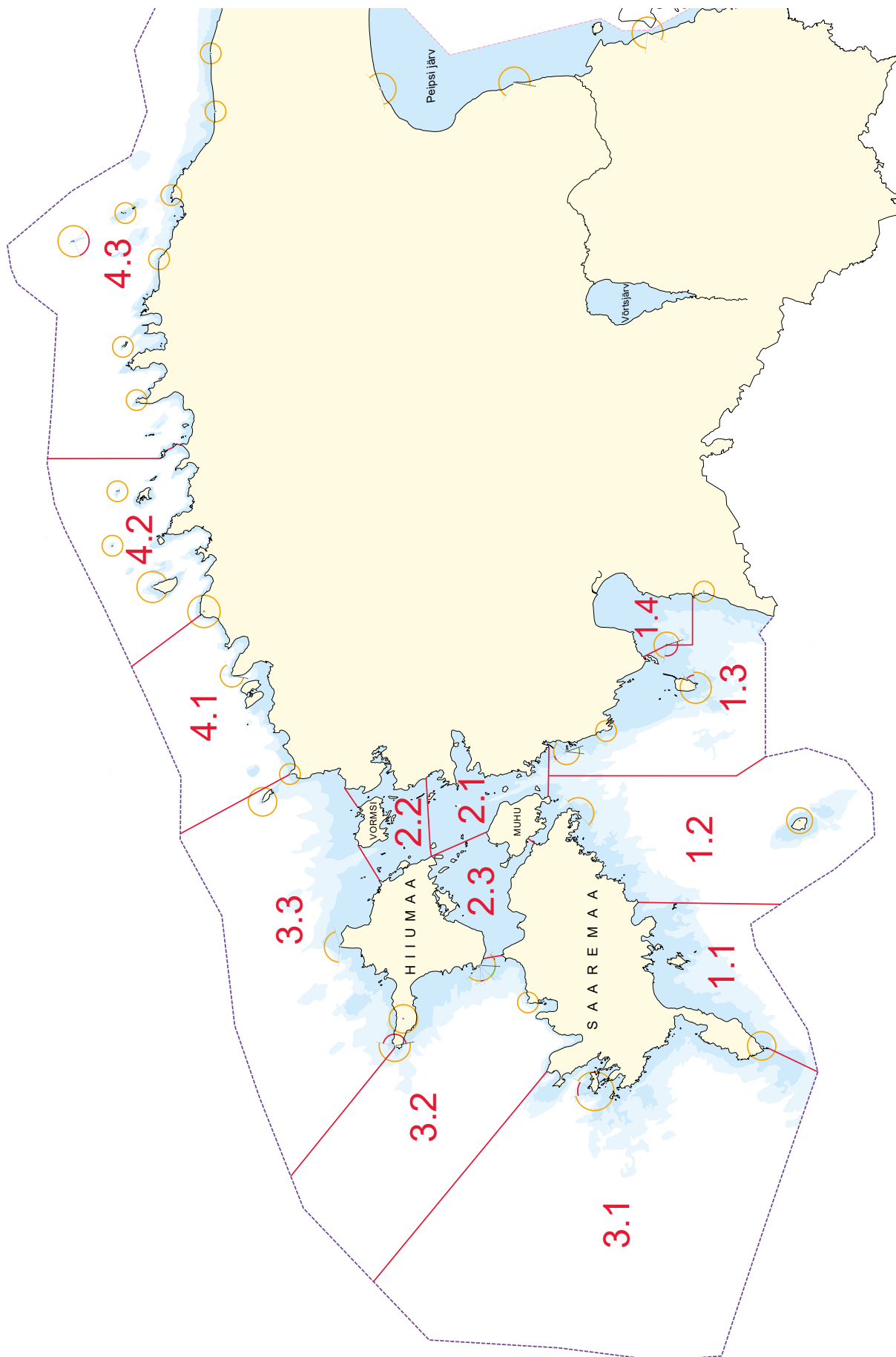
4th release

2025																																				
Month	Page number																																Month			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		33		
I																																				
II																																				
III																																				
IV			☞				☞														☞															
V																	☞																			
VI																																				
VII																																☞				
VIII																																				
IX																																				
X																																				
XI																																				
XII																																				

		Page number																															Month
Month	34	35	36	37	38	39	40																										Month
I																																	I
II																																	II
III																																	III
IV																																	IV
V																																	V
VI																																	VI
VII																																	VII
VIII																																	VIII
IX																																	IX
X																																	X
XI																																	XI
XII																																	XII

Please inform of any changes currently in use at navinfo@transpordiamet.ee

THE REGIONAL SCHEME IN THE SAILING DIRECTIONS



MARITIME RESCUE AND MARITIME POLLUTION

JRCC Tallinn

operational readiness

24 hours

channel/frequency

VHF-DSC 70 CH

VHF 16 CH

VHF 69 CH

MF-DSC 2187.5 kHz

MF 2182 kHz

call sign

Tallinn Rescue

INMARSAT-C

581492480040

phone

+3726191224

emergency 112

fax

+3726922501

e-mail

jrcc@politsei.ee

Voluntary

Estonian Voluntary Rescue Union

<http://maps.google.com/maps/ms?msid=209030024585672908914.0004a764b01c5b3c55d52&msa=0>

Baltic Sea

General

Area

open sea from Sõrve säär to Põõsaspea – Hanko line

Description

relatively flat topography

coast is framed with frequent cliffs

numerous offshore banks

20 m isobath may extend 11 miles from the shore

offshore bank predominantly covered with sand and stones, deep sea bottom covered with mud

Currents

in the vicinity of Sõrve poolsaar current is influenced by variations in the water level and wind direction of the Gulf of Riga – the Baltic Sea

Salinity

surface 6–7 ‰

Waves

wave dependent on the wind direction

relatively sharp waves, rare swell may occur

with strong winds waves may rise up to 8 m

Climate and weather

Real time weather

KAUR www.ilmateenistus.ee/ilm/ilmavaatlused/vaatlusandmed/kaart/?lang=en

METOC <http://on-line.msi.ttu.ee/metoc/>

MSI <http://on-line.msi.ttu.ee/kaart.php?en>

Weather forecast

KAUR www.ilmateenistus.ee/meri/mereprognoosid/mereilm/?lang=en

Tallinn Radio VHF 1, 3, 5, 7, 20, 62, 64, 66 and MF 1650 kHz at 06.33 and 15.33 local time

Weather warnings

Tallinn Radio VHF 1, 3, 5, 7, 20, 62, 64, 66 and MF 3310 kHz immediately after silence period

KAUR www.ilmateenistus.ee/ilm/prognoosid/hoiatused/?lang=en

e-mail subscription www.ilmateenistus.ee/teenused/teenuste-tellimine/?lang=en

Ice chart

KAUR www.ilmateenistus.ee/meri/jaakaart/?lang=en#zoomableStaticMap/zoomOff

Mean monthly air temperature (°C) 1981 – 2010

Station / Month	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Sõrve	-1.0	-1.9	-0.2	3.7	9.2	13.6	16.9	17.0	13.1	8.6	4.0	0.8
Vilsandi	-0.7	-1.8	0.2	4.3	9.4	13.5	17.4	17.2	13.1	8.6	4.0	1.1
Ristna	-0.9	-2.1	-0.1	3.7	8.7	13.1	17.0	16.8	12.7	8.3	3.6	0.8
Kärdla(*)	-1.9	-3.1	-0.5	3.7	9.2	13.7	16.5	15.9	11.4	7.3	2.3	-0.6

(*) - 1981 – 1999 mean monthly

Mean monthly wind speed (m/s) / maximum blast (m/s) 1981 – 2010

Station / Month	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Sõrve	7.4/35.0	6.6/31.0	5.8/27.0	5.5/30.0	5.4/25.0	5.2/27.0	5.1/30.0	5.3/25.1	6.3/27.0	6.9/32.0	7.2/32.5	7.3/31.0
Vilsandi	7.2/38.0	6.4/35.0	6.0/33.0	5.5/28.2	5.2/26.0	5.1/26.0	5.0/26.0	5.3/26.0	5.9/28.0	6.9/29.0	7.0/34.0	7.2/34.0
Ristna	4.8/30.0	4.1/27.0	3.6/25.0	3.2/24.0	3.1/25.0	3.2/21.0	3.3/23.0	3.6/21.0	4.0/29.0	4.5/28.0	4.5/28.0	4.7/29.0
Kärdla(*)	4.7/29.0	4.3/22.0	4.0/25.0	3.9/26.0	3.6/19.0	3.6/20.0	3.5/24.0	3.5/21.0	3.8/24.0	4.1/21.0	4.4/27.0	4.4/27.0

(*) - 1981 – 1999 mean monthly speed / maximum blast

Mean monthly air pressure (hPa)() 1981 – 2010**

Station / Month	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Sõrve	1011.1	1012.4	1012.4	1013.7	1014.2	1012.3	1012.1	1012.1	1013.0	1012.7	1010.7	1011.3
Vilsandi	1009.9	1012.0	1011.4	1013.2	1014.5	1011.9	1011.7	1011.6	1012.8	1012.1	1011.0	1010.0
Ristna	1009.6	1011.9	1011.4	1013.2	1014.3	1011.6	1011.5	1011.5	1012.3	1011.8	1010.2	1009.9
Kärdla(*)	1010.0	1013.2	1013.0	1013.1	1015.6	1012.2	1012.2	1012.2	1012.0	1011.8	1012.3	1009.4

(*) - 1981 – 1999 mean monthly

(**) - 1 hPa = 0.75006 mm Hg at 0°C

Mean monthly cloudiness (balls) 1981 – 2000

Station / Month	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Sõrve	8.0	7.6	6.9	6.4	6.0	6.4	6.1	6.3	6.7	7.3	8.2	8.1
Vilsandi	8.0	7.4	6.8	6.3	5.6	6.2	5.9	6.4	6.7	7.3	8.2	8.3
Ristna	8.0	7.3	6.8	6.2	5.5	5.9	5.7	6.2	6.5	7.2	8.2	8.3
Kärdla(*)	7.8	7.0	6.5	5.7	5.0	5.5	5.3	5.7	6.3	6.8	7.9	8.0

(*) - 1981 – 1999 mean monthly

Mean monthly number of foggy days 1981 – 2000()**

Station / Month	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Sõrve	4	4	8	7	5	5	4	2	2	3	1	3
Vilsandi	3	3	6	6	5	4	2	1	1	2	2	2
Ristna	2	3	6	7	5	5	3	1	1	2	1	2
Kärdla(*)	3	2	4	5	2	1	1	2	1	3	2	2

(*) - 1981 – 1999 mean monthly

(**) - following fog variations are considered in calculating foggy days: fog, transparency atmosphere fog, ice fog, transparency atmosphere ice fog

Mean monthly number of precipitation days / mean amount of precipitation (mm) 1981 – 2010()**

Station / Month	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Sõrve	11/42.9	8/29.8	8/30.6	7/27.8	6/33.1	8/52.0	8/64.1	9/66.1	10/55.8	13/69.9	13/67.5	12/47.0
Vilsandi	12/46.5	8/30.3	9/34.0	6/27.8	6/31.0	7/48.0	7/49.3	10/68.1	11/63.8	13/70.4	13/69.9	13/51.1
Ristna	12/54.9	9/38.9	9/37.0	7/30.7	6/32.9	7/47.3	7/54.9	10/69.0	10/62.3	13/72.2	13/78.7	14/60.2
Kärdla(*)	13/57.4	9/40.6	9/37.4	8/31.6	6/35.6	8/51.9	8/61.8	10/77.3	12/78.7	13/82.1	14/73.7	14/62.1
(*) - 1981 – 1999 mean monthly number of days / amount of precipitation												
(**) - daily amount from 1.0 mm												

Sea water level

Station	Observation period	Highest (cm)	Date	Lowest (cm)	Date
Sõrve	1950-1993, 2005-2011	146	09.01.2005	-96	10.12.1959
Vilsandi	1884-1886, 1888-1913, 1924-1944, 1948-1980	206	18.10.1967	-85	26.02.1954
Sõru	1947-1964	87	22.01.1956	-97	09.12.1959
Ristna	1950-2011	209	09.01.2005	-79	28.03.1980
Põõsaspea, Dirhami	1954-2011	148	18.10.1967	-95	09.12.1959

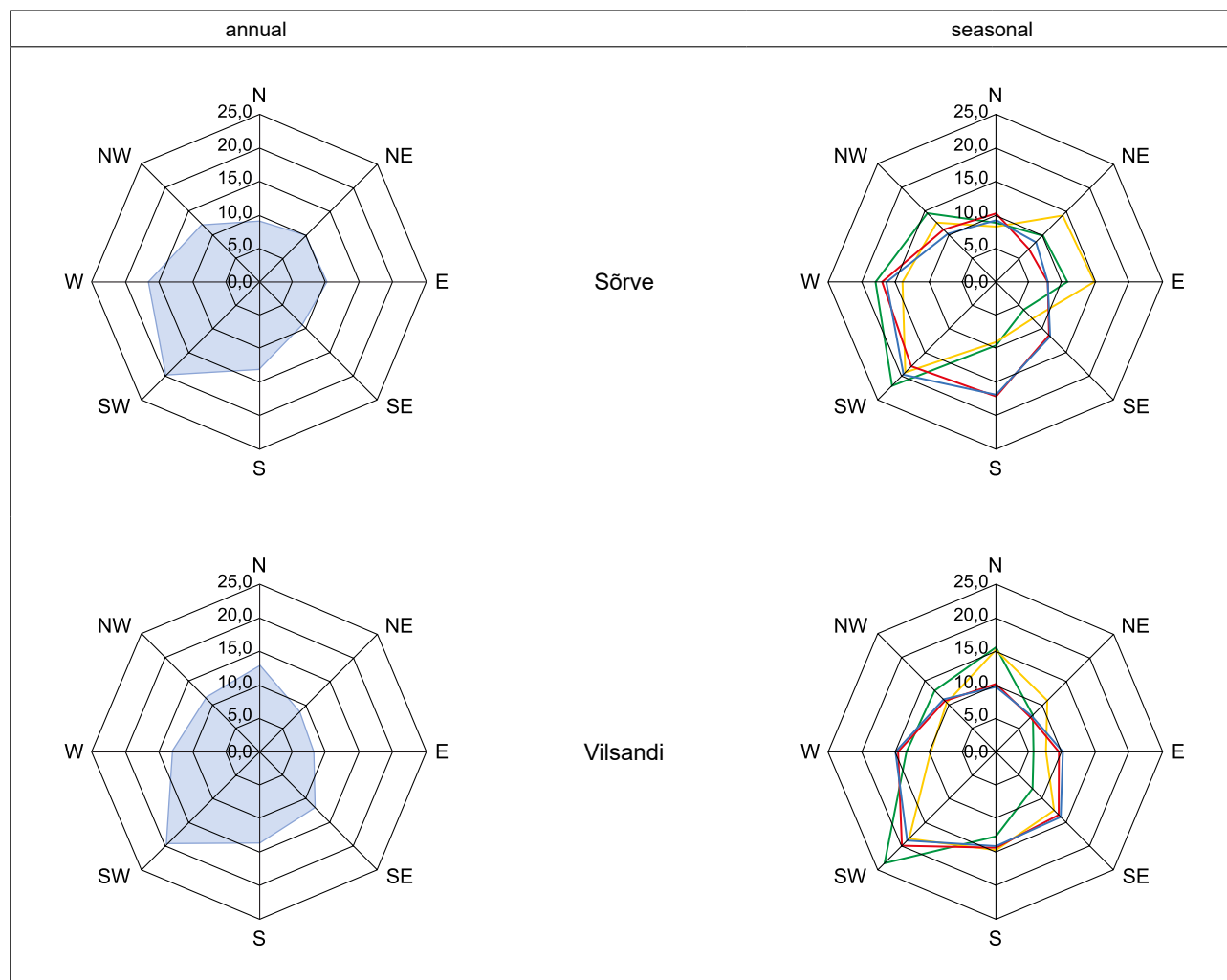
Information on mean winter ice cover on Estonian territorial waters 1971 – 2011

Area	Ice formation date			Ice clearing date			Ice days		Ice thickness (cm)	
	mean	earlier	later	mean	earlier	later	mean	min/max	mean	min/max
Kura kurk (5)*	27. Jan	16. Dec	28. Feb	25. Mar	06. Mar	17. Apr	35	0/100	12 – 21	0/40
Läänemeri (13)*	09. Feb	03. Jan	10. Mar	09. Mar	09. Feb	28. Mar	13	0/80	3 – 7	0/20
Tagalaht (6)*	31. Jan	24. Dec	02. Mar	17. Mar	12. Feb	11. Apr	36	0/102	6 – 13	0/30
Küdemalaht (6)*	31. Jan	24. Dec	02. Mar	17. Mar	12. Feb	11. Apr	36	0/102	6 – 13	0/30
Soela väin (1)*	26. Dec	24. Nov	06. Feb	01. Apr	02. Feb	20. Apr	88	0/138	15 – 25	0/40
Tareste laht (1)*	05. Jan	29. Nov	28. Feb	15. Mar	16. Jan	13. Apr	57	0/128	10 – 20	0/40
(...) - icefree number of years in observation period										

Winds**Mean wind direction (%) in relation to wind speed through years 1981 – 2010**

SÕRVE	N	NE	E	SE	S	SW	W	NW	total
calm									0.3
1 – 5 m/s	7.0	5.8	5.0	3.9	5.3	5.7	5.9	6.8	45.5
6 – 10 m/s	2.0	3.4	4.4	4.3	6.5	10.1	7.7	4.7	43.2
11 – 15 m/s	0.1	0.5	0.8	0.8	1.2	3.5	2.5	0.5	9.9
over 15 m/s	0	0	0.1	0	0.1	0.5	0.3	0.1	1.1
total	9.1	9.9	10.2	9.1	13.1	19.7	16.5	12.1	100
VILSANDI	N	NE	E	SE	S	SW	W	NW	total
calm									0.4
1 – 5 m/s	5.3	5.1	6.8	7.6	5.1	7.1	6.1	4.9	48.1
6 – 10 m/s	5.5	3.0	1.3	3.9	6.8	9.4	5.9	5.0	40.8
11 – 15 m/s	1.6	0.4	0	0.3	1.9	3.1	1.0	1.2	9.5
over 15 m/s	0.2	0	0	0	0.2	0.4	0.1	0.2	1.1
total	12.7	8.5	8.1	11.9	13.9	20.1	13.1	11.4	100.0

Wind frequency



— winter
— spring
— summer
— autumn

Regions

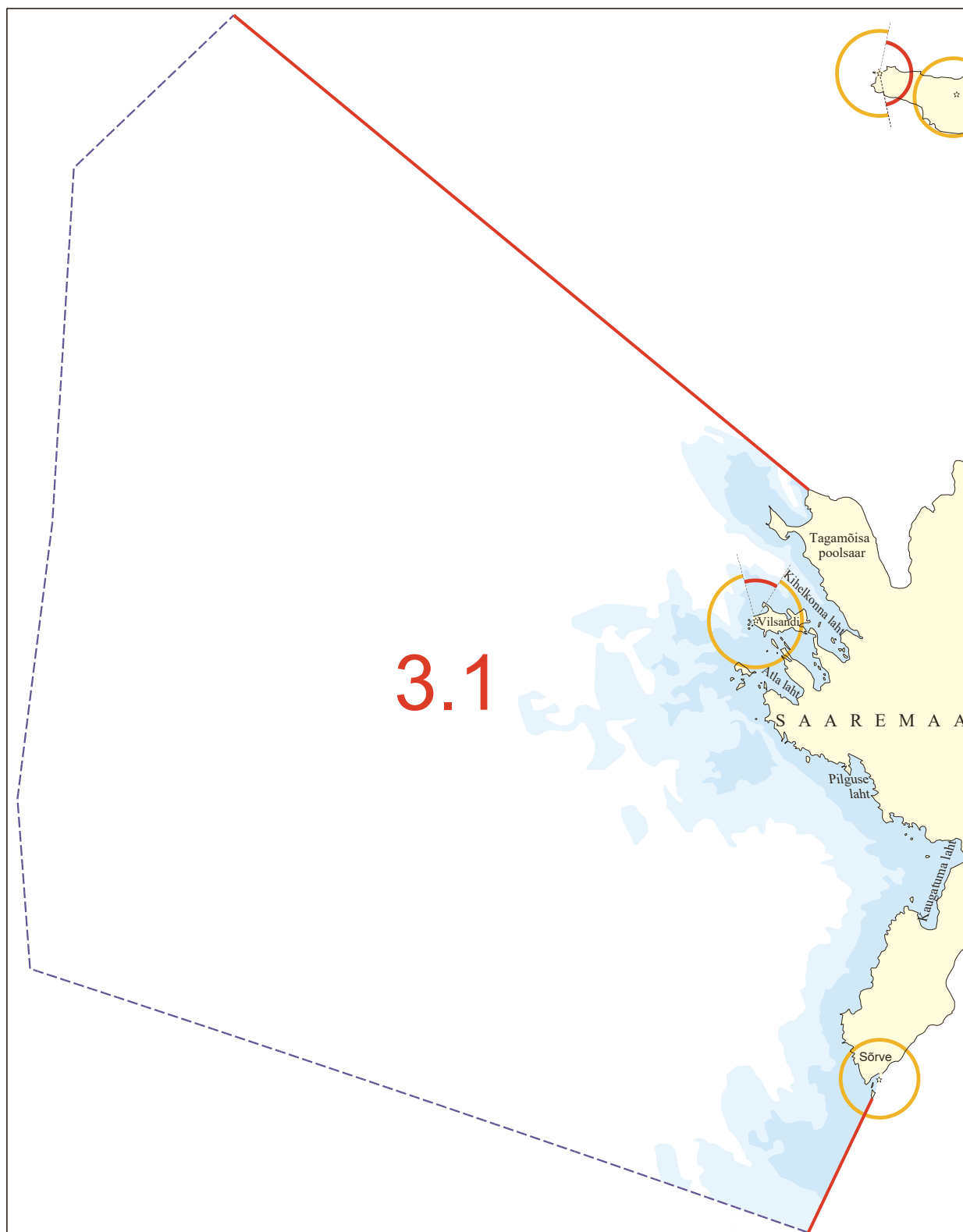
3.1 Sõrve poolsaar to Undva nina

Kaunispe sadam	p 20
Kardoni-Lindmetsa boat harbour	p 22
Rahuste sadam	p 23
Lõmala sadam	p 23
Roopa sadam	p 26
Atla sadam	p 27
Vikati sadam	p 30
Lautri-Vilsandi boat quay	p 32
Lautri-Vilsandi boat quay	p 32
Jaagarahu harbour	p 32
Abaja sadam	p 33
Papissaare sadam	p 34
Kiirassaare boat harbour	p 36

3.2 Undva nina to Kõpu poolsaar

3.3 Kõpu poolsaar to Põõsaspea neem

3.1 SCHEME OF THE MARITIME AREA



3.1 marine area navigational charts

Estonian Maritime Administration chart No	INT chart No	Scale
305	1215	250 000
306		250 000
519	1272	100 000
515	1270	100 000
635		50 000
630		50 000
624		50 000

Atlas
Charts of Estonia, Vol 3

retailers of the Estonian Transport Administration navigational charts:

<https://transpordiamet.ee/en/mobility-and-transportation/navigational-information/navigational-charts>

New editions of charts

with the new editions old charts are not in use anymore and no corrections will be issued to them

Cables and pipelines

anchoring, trawling and any other activity which may damage them is prohibited in the cable area, on the cable or pipeline track and 0.5 M on either side of these

3.1 Sõrve poolsaar to Undva nina

Vicinity

B a y s

Bay	Position, area limits	Description	Restrictions
Sääre laht	57°54.58'N 22°02.68'E	shallow, local knowledge is required	Sääre MR ⁽¹⁾
Türju lõpp	57°59.08'N 22°00.67'E	depth at the entrance less than 5 m	
Kaugatuma laht	58°07.11'N 22°09.31'E	lots of shoals appear near the mouth of the bay; depths in the middle part less than 8.6 m; sandy offshore banks, rocks occur near the coast	Rahuste MR ⁽²⁾
Lõu laht	Kaugatuma laht S part	depth at the entrance less than 5 m, sand	
Ariste laht	Kaugatuma laht NE part	depth less than 8.4 m, sand	
Möldri lõpp	58°10.08'N 22°08.46'E	depth at the entrance less than 3.7 m, rocky	
Lõmala lõpp	58°10.32'N 22°07.52'E	depth at the entrance less than 2.8 m	
Lahetaguse laht	58°10.77'N 22°05.30'E	shallow, local knowledge is required	
Pilguse laht	58°14.24'N 22°00.42'E	shallow, rocky; local knowledge is required	
Roopalaht	58°15.80'N 21°52.29'E	low bay approach, local knowledge is required; in the middle part depth less than 3 m, sand	
Pirsu lõugas	58°16.68'N 21°50.62'E	depth at the entrance less than 3 m	
Köövelõugas	58°17.53'N 21°50.12'E	depth at the entrance less than 3 m	
Atla laht	58°19.21'N 21°51.98'E	depth at the entrance less than 6 m, in the middle part less than 4.5 m; bottom predominantly pebble and mud topped with sandy cover	
Kuusnõmme laht	58°20.20'N 21°55.47'E	depth predominantly less than 2 m	
Kiirassaare laht	58°21.36'N 21°58.44'E	depth at the entrance less than 4.5 m, in the middle part less than 2.5 m; plenty of underwater rocks	
Kihelkonna laht	58°23.17'N 21°57.83'E	depth at the entrance less than 12 m, in the middle part less than 7 m; rocky offshore bank; bottom silt and clay, in shallower places sand and silt	
Abaja laht	Kihelkonna laht SE part	shallow, plenty of underwater rocks	
Haagi lõugas	58°27.82'N 21°53.51'E	depth at the entrance less than 10 m, in the middle part less than 6 m; sand	
Uudepanga laht	58°29.75'N 21°53.45'E	depth at the entrance over 20 m, in the middle part between 10–20 m; rocky offshore bank, sand	
(1) - from 15.02 - 15.07 human presence within the limits of the Vesitükimaa conservation zone is prohibited			
(2) - operating an engine powered watercraft is prohibited			

Hazards

Bay	Hazard	Least depth (m)	Position N/E		Nav. aid	No	Notes
	Berezini madal	4.5	57°47.87'	21°45.29'			
	wreck	above sea level	57°50.34'	21°54.27'			
Türju lõpp	unnamed	1.2	57°59.10'	22°00.36'			
	unnamed (rock)	unknown	58°02.72'	22°02.68'			Kaunispe harbour approach
	obstruction	0.2	58°02.59'	22°03.53'			in Kaunispe harbour
	unnamed	1.5	58°05.07'	22°04.84'			
Kaugatuma laht	unnamed	unknown	58°06.48'	22°07.54'			rocks awash
Kaugatuma laht - entrance	wreck „Volare“	above sea level	58°07.42'	22°07.86'			
Kaugatuma laht	wreck	unknown	58°08.01'	22°08.69'			
Kaugatuma laht	Kaljarahu	unknown	58°08.95'	22°09.38'			rocks awash
	wreck, floating crane	above sea level	58°09.43'	22°08.76'			
	unnamed	2.2	58°08.48'	22°04.57'			
	unnamed	0.4	58°12.79'	22°00.47'			
	Laimadal	2.3	58°13.96'	21°44.39'			
	Valgemäta	0.3	58°14.47'	21°47.29'			
Roopalaht	wreck	unknown	58°15.72'	21°52.30'			
Köövelõuka-mouth	unnamed	unknown	58°17.60'	21°49.67'			rocky
	unnamed	unknown	58°18.60'	21°46.08'			
	Uuskuiv	4.9	58°18.40'	21°32.53'	W buoy	929	
	wreck	unknown	58°20.01'	21°29.82'			
	wreck	unknown	58°19.49'	21°39.05'			
	unnamed	1.1	58°20.91'	21°45.73'			
Atla laht-mouth	unnamed	unknown	58°21.42'	21°48.65'			
Atla laht	unnamed	0.6	58°18.37'	21°53.38'			
	Suurkuiv	unknown	58°22.87'	21°39.63'			
	unnamed	5.6	58°25.35'	21°38.77'			
	unnamed	1.2	58°24.50'	21°48.79'			
	Soolakuiv	3.4	58°25.91'	21°46.36'			
	Võrkrahu	unknown	58°26.49'	21°54.03'			rocks above sea level
	unnamed	0.8	58°24.28'	21°53.42'			rocky
	wreck „Oskar“	unknown	58°23.35'	21°58.14'			
Abaja laht-mouth	unnamed	1.0	58°22.41'	21°58.98'			
	Laevarahu	unknown	58°29.48'	21°48.34'			Vilsandi MR ⁽³⁾
	wreck	unknown	58°29.44'	21°48.81'			
	Tinarahu	unknown	58°30.79'	21°48.53'			rocky

⁽³⁾ - human presence is prohibited

Historical wrecks

diving without a permit issued by the Estonian Heritage Board, trawling, anchoring, dredging and dumping of a solid materials is prohibited on an underwater heritage site and closer than 300 m to it

Islands, inlets

Bay	Island, inlet	Position N/E		Description	Notes
	Vesitükk	57°53.60'	22°02.70'	elongated, 2 capes in NE, sandy	Vesitükimaa grey seal MR ⁽⁴⁾
Sääre laht S approach	Lombimaa	57°54.17'	22°02.50'	low, rubble	Vesitükimaa grey seal MR ⁽⁴⁾
Sääre laht W limit	Suurrahu	57°54.46'	22°01.86'	low, sand	
Kaugatuma laht	Ooslamaa	58°05.67'	22°07.11'	low, rocky, grass	Rahuste MR ⁽⁵⁾
Kaugatuma laht	Kriimilaid	58°08.38'	22°08.93'	rocky, sand, grass	Rahuste MR ⁽³⁾
Lahetaguse laht – entrance	Separahu	58°10.48'	22°05.51'	rocky, gravel	
Pilguse laht – entrance	Mõndalaid	58°13.80'	21°59.67'	low, rocky, scrub	
	Naistekivimaa	58°14.43'	21°54.89'	rubble piles, rocks, grassland, scrub	Vilsandi MR ⁽⁶⁾
	Innarahu	58°16.91'	21°48.84'	low, rubble, sand, scrub	Vilsandi MR ⁽³⁾
	Salavamaa	58°18.98'	21°47.06'	less than 5 m in height, coastal dunes on W beach; grass, scrub	Vilsandi MR ⁽⁶⁾
	Nootamaa	58°19.39'	21°45.95'	sand, rubble, gravel; bushes, solitary trees	Vilsandi MR ⁽³⁾
	Loonalaid	58°20.04'	21°47.30'	less than 5 m in height, rubble piles; sand, rocks, grass, scrub	
Atla laht	Urverahu	58°18.59'	21°54.17'	sand, grass	
	Laasirahu	58°21.74'	21°50.80'	grass, patches of bushes	Vilsandi MR ⁽⁶⁾
	Vilsandi saar	58°22.91'	21°51.75'	less than 5.4 m in height; grass, scrub, forest; abundant offshore reefs	
	Ülemine Vaigas	58°22.50'	21°48.02'	scrub	Vilsandi MR ⁽³⁾
	Alumine Vaigas	58°22.90'	21°48.22'	grass, scrub	Vilsandi MR ⁽⁶⁾
	Tarjamaa	58°26.69'	21°54.61'	rocky, bushes	
	Noogimaa	58°22.41'	21°54.17'	gravel, clay, scrub	
Kiirassaare laht	Telvemaa	58°21.70'	21°57.83'	sand, rubble, rocks; scrub, solitary trees	Vilsandi MR ⁽⁶⁾
Kiirassaare laht	Suur-Sitik	58°21.15'	21°59.11'	sand, grass, trees	Vilsandi MR ⁽⁶⁾
	Pihlaid	58°22.25'	21°59.31'	grass, rocks, reeds, junipers	Vilsandi MR ⁽⁶⁾
Abaja laht – entrance	Vassiklaid	58°22.32'	21°59.61'	sand, rocks, grass, trees	

⁽³⁾ - human presence is prohibited

⁽⁴⁾ - from 15.01 - 15.04 human presence within the limits of the special management zone is prohibited

⁽⁵⁾ - from 01.04 - 01.07 human presence within the limits of the special management zone is prohibited

⁽⁶⁾ - from 15.04 - 31.07 human presence within the limits of the special management zone is prohibited

Navigational aids

database of Estonian aids to navigation - <https://nma.vta.ee/>

Island, inlet	Navigational aid	Nav. aid No	Notes
	Sõrve lighthouse	935/3704	
	Loode lighthouse	934/3704.2	
	Anseküla lighthouse	932/3710.1	
	Lõu lighthouse	931/3710	
	Karala light beacon	930/3712	
Vilsandi saar	Vilsandi lighthouse	925/3714	
	Kõpu lighthouse	668/3746	

Other marks

Island, inlet	Mark	Position N/E		Notes
	Sõrve observation tower	57°55.06'	22°03.49'	
	Sääre wind turbine	57°55.98'	22°05.02'	aviation obstruction lights
	Türju observation tower	57°58.28'	21°59.01'	
	lide communication mast	57°58.68'	22°04.79'	
	Türju wind turbines (3 pcs)	57°59.21'	22°01.45'	aviation obstruction lights
	Kubja-Ohessaare windmill	57°59.72'	22°01.13'	
	Kalmuste-Ohessaare windmill	58°00.07'	22°01.47'	
	Eite-Ohessaare windmill	58°00.10'	22°01.77'	
	Jämaja windmill	58°00.54'	22°02.92'	
	Jämaja church	58°00.77'	22°03.16'	
	Kaunispe observation tower	58°02.37'	22°03.59'	
	Lõupõllu television mast	58°02.98'	22°07.74'	
	Rahuste observation tower	58°04.81'	22°05.72'	
	Salme communication mast	58°09.64'	22°14.42'	aviation obstruction lights
	Üüdibe wind turbines (7 pcs)	58°09.91'	22°13.30'	aviation obstruction lights
	Lõmala observation tower	58°10.30'	22°07.01'	
	Varpe communication mast	58°16.07'	22°01.62'	aviation obstruction lights
	Austla radar tower	58°16.22'	21°51.53'	aviation obstruction lights
	Karala communication mast	58°16.54'	21°54.69'	aviation obstruction lights
	Atla observation tower	58°18.31'	21°49.75'	
	Põllu windmill	58°22.57'	21°51.76'	
Vilsandi saar	Vilsandi observation tower	58°22.96'	21°48.72'	at the lighthouse
	Kuusnõmme observation tower	58°21.14'	21°56.19'	
	Viki television mast	58°21.43'	22°03.70'	aviation obstruction lights
	Kihelkonna church	58°21.62'	22°02.12'	
	Kihelkonna ldg.l. lighthouse	58°22.54'	21°59.94'	former lighthouse
	Kiipsaare beacon	58°29.75'	21°50.46'	former beacon
	Undva communication mast, radar tower	58°30.88'	21°55.29'	aviation obstruction lights

Topography

C o a s t

in the vicinity of Sõrve sääre the surface current may reach 1.5 knots

the coast of Sõrve poolsaar is wooded, the shoreline is slightly indented, the bottom varies in topographic relief; rocky offshore bank is 1.5-2.5 M wide

Sõrve poolsaar to Meelaku nukk the coast is wooded and indented, the shore is low, gravel; rocky offshore bank is 1.5-2 M wide

Meelaku nukk to Undva nina the bottom varies in topographic relief, dangerous shoals in abundance

Navigation restrictions

P r o h i b i t i o n s

anchoring, trawling and any other activity which may damage cables or pipelines is prohibited in the cable area, on the cable or pipeline track and 0.5 NM on either side of these

diving without a permit issued by the Estonian National Heritage Board, trawling, anchoring, dredging and dumping of solid materials is prohibited on an underwater heritage site and closer than 300 m to it

F i s h i n g

fishing nets (unmarked) occur close to nearshore shoals

Anchorage

Anchorage area	Bottom topography	Notes
1.2 M NE from Loodenina	sand	
NW of Kaunispe harbour, depths 4–6 m	sand	small craft
Kaugatuma laht	sand	
9 cables SE from Salavamaa, depths 4–7 m	sand, pebbles	small craft
entrance to Atla laht, W of Loonalaid, depths 4–6 m	sand, clay	small craft
2 M SSE of Harilaiu poolsaar, depths 20–25 m	sand, silt	
Haagilõugas, depths 5–7 m	sand	small craft

Harbours

harbours are responsible for the accuracy of the provided information

schemes are not for purposes of navigation

port information is broadcasted from June 1 to September 30 at Tallinn Radio VHF 1, 3, 5, 7, 20, 62, 64, 66

State Port Register - www.sadamaregister.ee/?language=en

(PR) - harbour in Port Register

Kaunispe sadam approach

Navigation aids

Kaunispe harbour safe water spar buoy (3300)

Kaunispe harbour safe water spar buoy (3301)

(PR) **Kaunispe sadam** 58°02.60'N 22°03.60'E

Restrictions

daytime navigation

Mooring (depths BSCD2000^{EH2000})

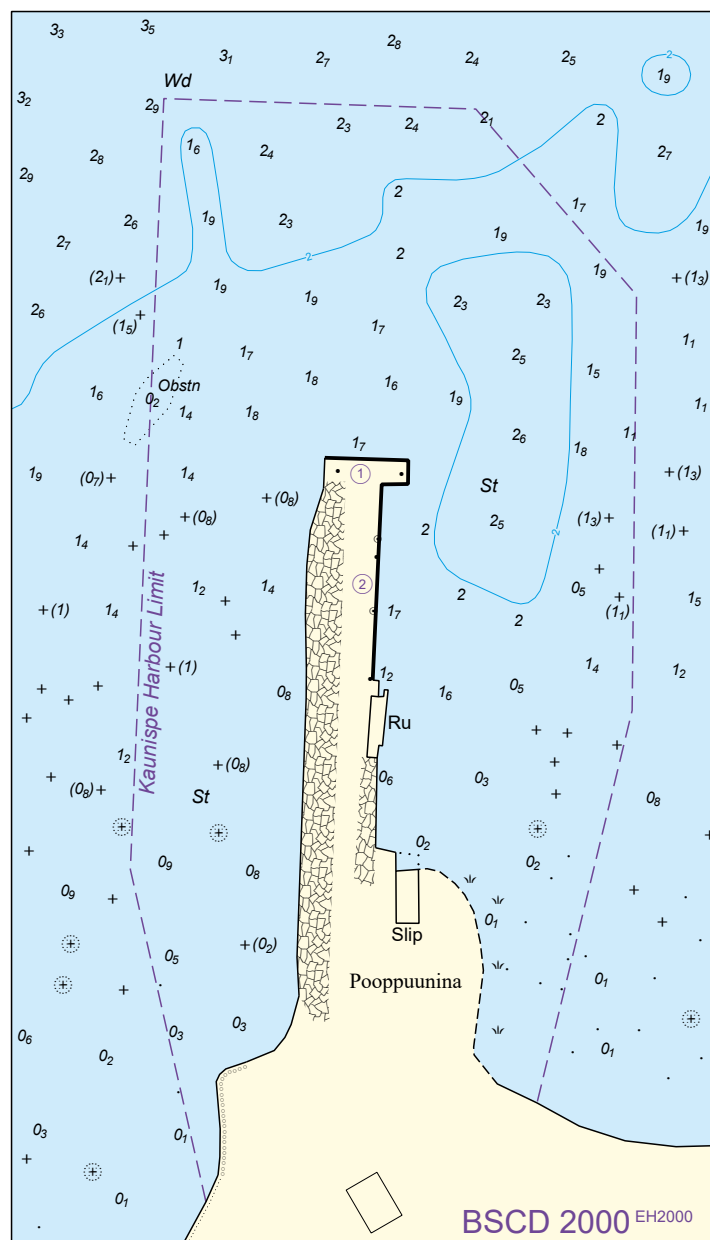
Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			20.0	6.0	1.6	local harbour	01.05 - 01.12
1	18.0	1.5				temporary stay	
2	52.0	1.2				fishing	

Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1						*	
2						*	

General
shower, toilet

Kaunispe sadam (2021)



Kaunispe sadam (2021)



Kardoni-Lindmetsa boat harbour 58°03.66'N 22°04.31'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

(PR) **Rahuste sadam** 58°04.27'N 22°08.03'E (under construction)

Lõmala sadam approach (depths BSCD2000^{EH2000})

Navigation aids

Lõmala harbour mole daymark (936/-)

Channel 330° (150°)

length 385.0 m

width 10.0 m

depth 2.0 m

lateral marks

Natural conditions

filling with sediment

(PR) **Lõmala sadam** 58°10.38'N 22°07.13'E (www.lomalasadam.ee/?mcm_lang=en)

Restrictions

upon simultaneous entering and leaving the harbour the departing vessel has the priority except when requested otherwise under emergency conditions

speed limit 3 knots

Entering and leaving prohibitions

wind speed over 12 m/s

wave height over 1 m

Maneuver

remooing is allowed only with the permission of the harbour master's office

Mooring (depths BSCD2000^{EH2000})

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			15.0	3.5	1.7	small craft facilities	15.05 - 15.09
1	24.0	1.6				floating	
2	39.0	1.6				general	
slip							
3	24.0	1.5				floating	

Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1		*	*	*		*	Wi-Fi
2			*	*		*	Wi-Fi
3		*	*	*		*	Wi-Fi

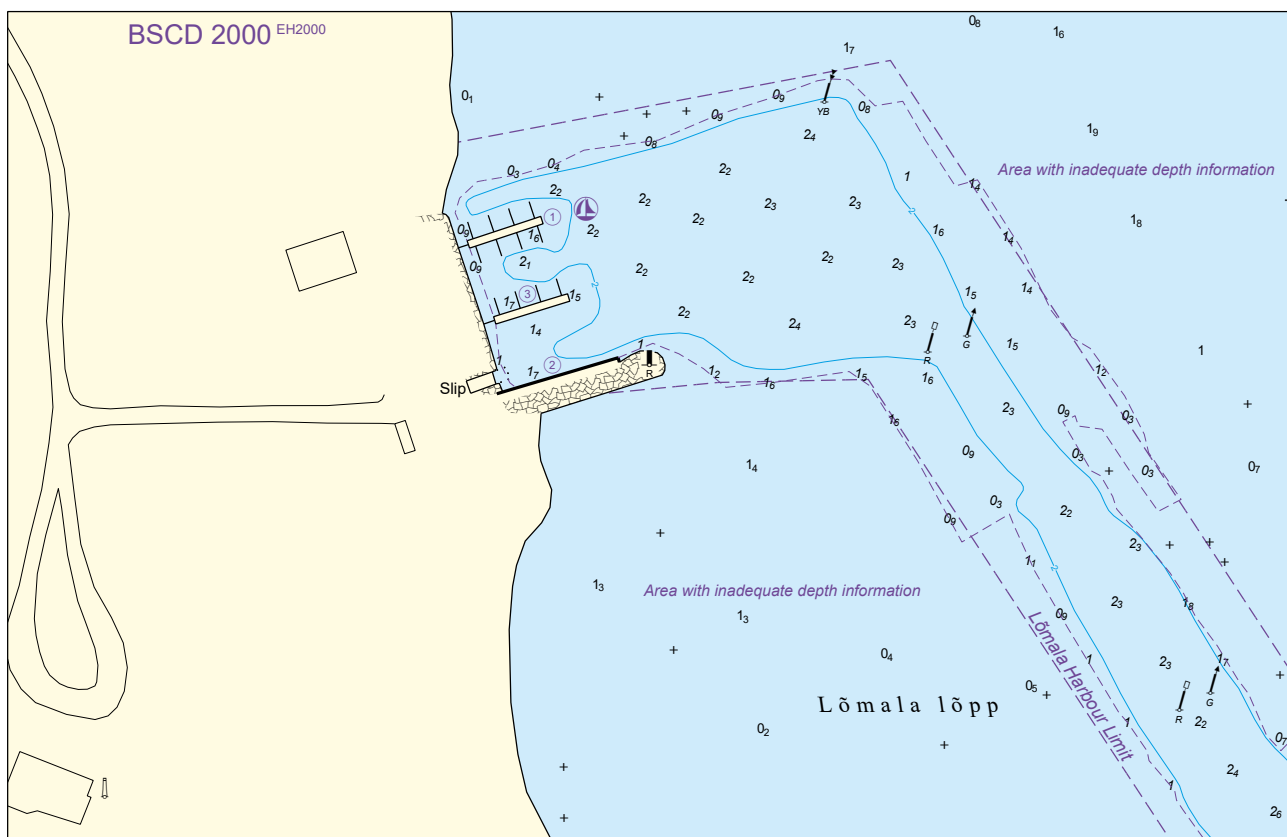
General

garbage reception

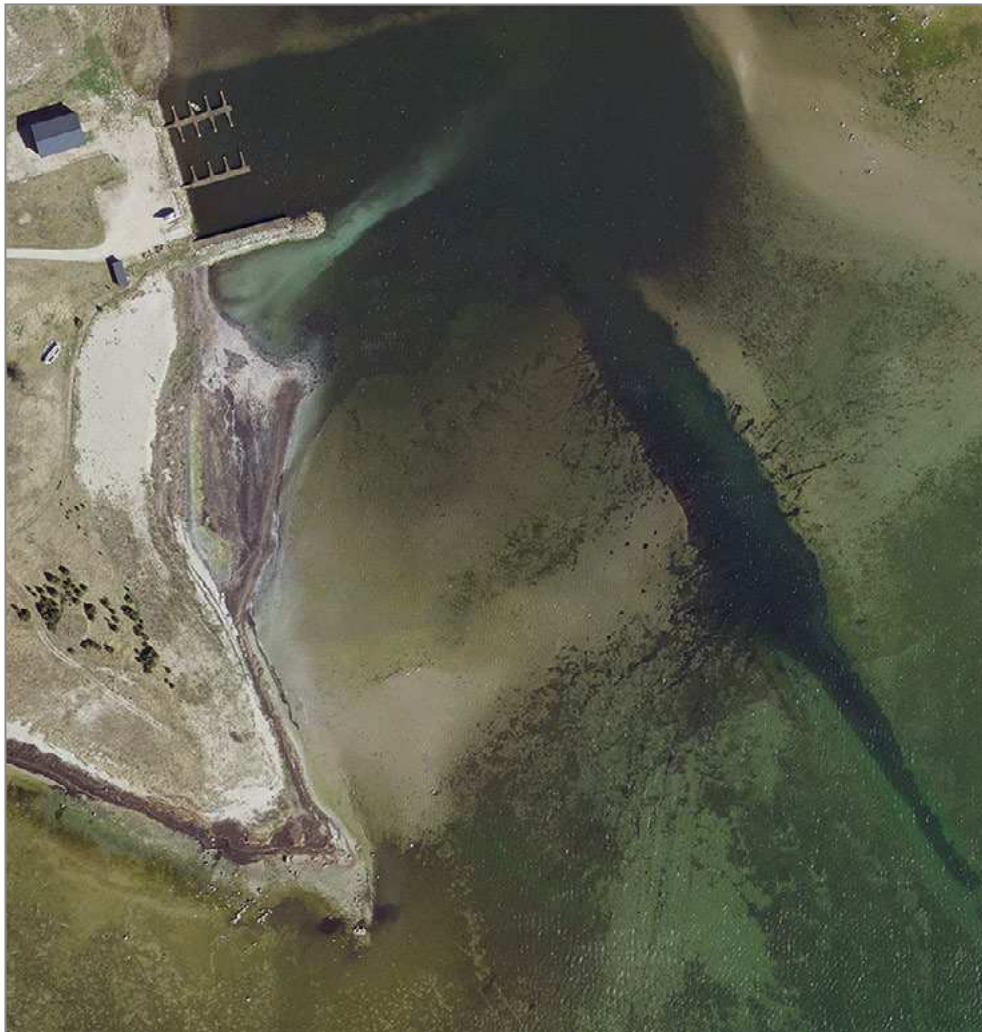
sauna, toilet

washing machine

Lõmala sadam (2021)



Lõmala sadam (2017)



Roopa sadam approach (depths BSCD2000^{EH2000})

Channel

length 750.0 m

width 40.0 m

depth 0.6 m

(PR) **Roopa sadam** 58°15.78'N 21°52.43'EMooring (depths BSCD2000^{EH2000})

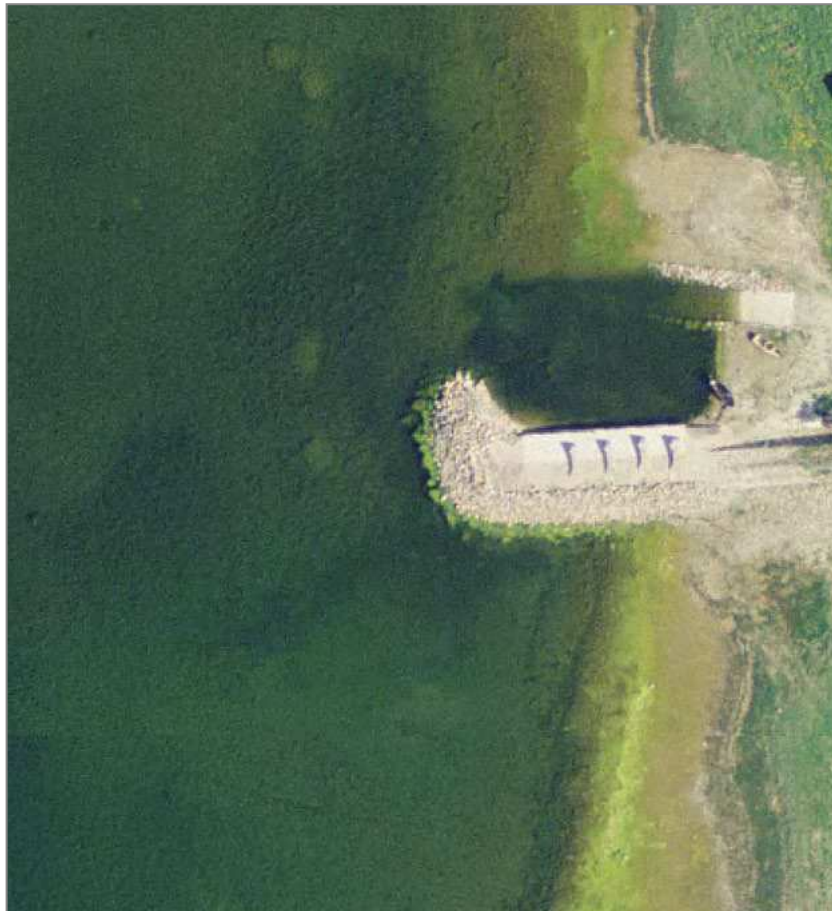
Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			12.0	3.6	0.8	small craft facilities	15.05 - 01.10
1	15.0	1.3				general	
slip							

Facilities

General

toilet

Roopa sadam (2012)



Atla sadam approach

Navigational aids

Atla harbour S mole light beacon (926-1)

Atla harbour N mole light beacon (926-2)

(PR) **Atla sadam** 58°18.11'N 21°53.62'E (<https://atlasadam.eu/index.php/atla-sadam>) (in Estonian only)Mooring (depths BSCD2000^{EH2000})

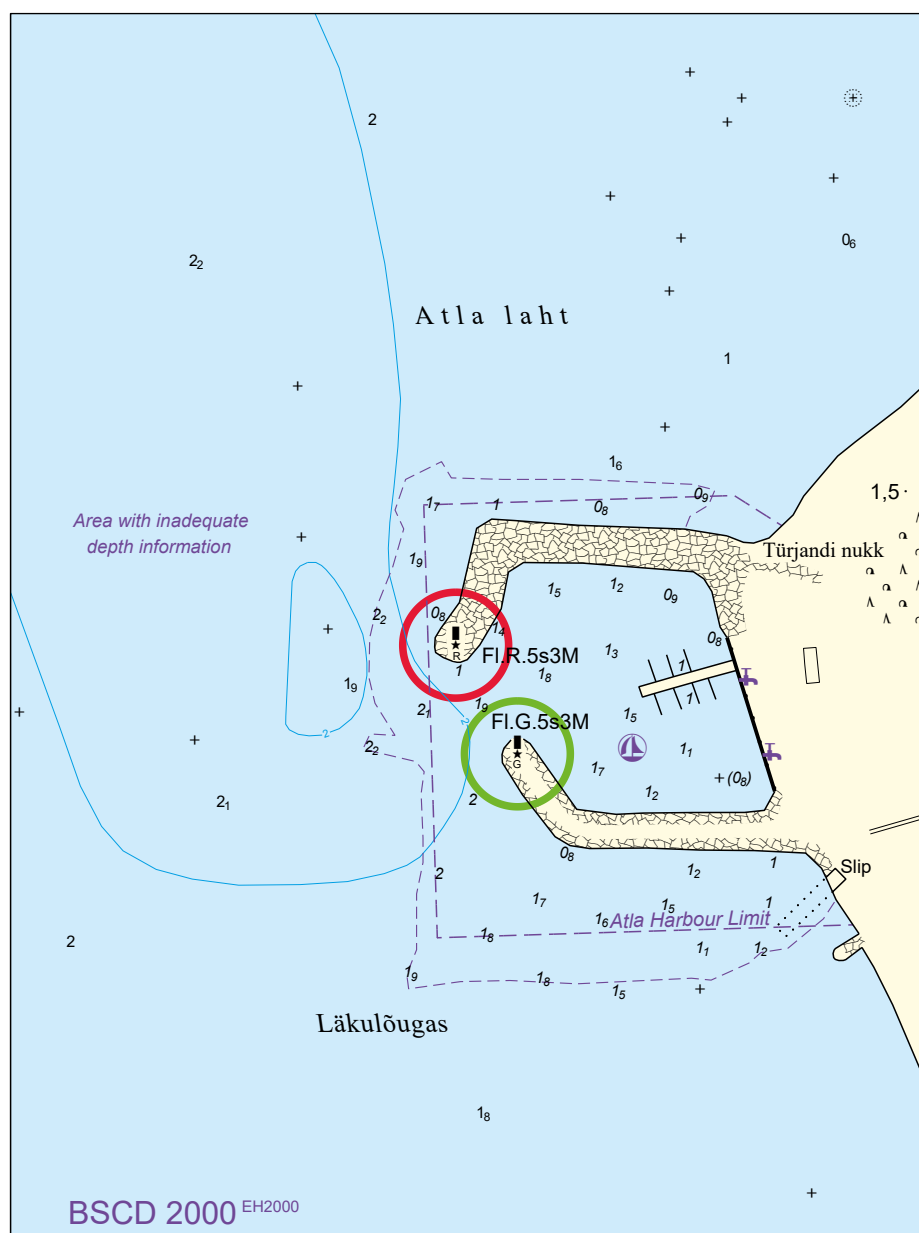
Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			12.0	6.0	1.4	local harbour	15.04 - 01.10
1	42.5	1.3				small craft	
2	24.0	1.3				floating	
slip							

Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1		*				*	
2		*				*	

General
garbage reception
toilet

Atla sadam (2021)



Atla sadam (2015)



Vikati sadam approach (depths BSCD2000^{EH2000})

Channel

width 10.0 m

depth 1.1 m

(PR) **Vikati sadam** 58°22.31'N 21°51.72'E (<https://saarteliinid.ee/en/vikati/>)

Restrictions

the ferry following the scheduled timeline always has the priority when entering or leaving the harbour

upon other ships simultaneous entering and leaving the harbour the departing vessel has the priority except when requested otherwise under emergency conditions

minimal speed, at which the ship maintains maneuverability, is implemented; stern wave shall not occur

Mooring (depths BSCD2000^{EH2000})

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			12.0	4.0	1.2	small craft facilities	01.05 - 01.10
1	43.2	1.2				ferry	
2	40.0	1.3				small craft	
slip							
3	40.0	1.2				small craft	
4	33.8	1.3				ferry	
A	12.0	1.3				floating	
B	12.0	1.3				floating	

Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1						*	
2						*	
3						*	
4						*	
A						*	
B						*	

General

the amount of garbage to be delivered must be minimal (location in the MR area)

toilet

Vikati sadam (2020)



Lautri-Vilsandi boat quay 58°23.52'N 21°50.95'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Laulu-Vilsandi boat quay 58°23.47'N 21°51.20'E (private)

Approach

Restrictions

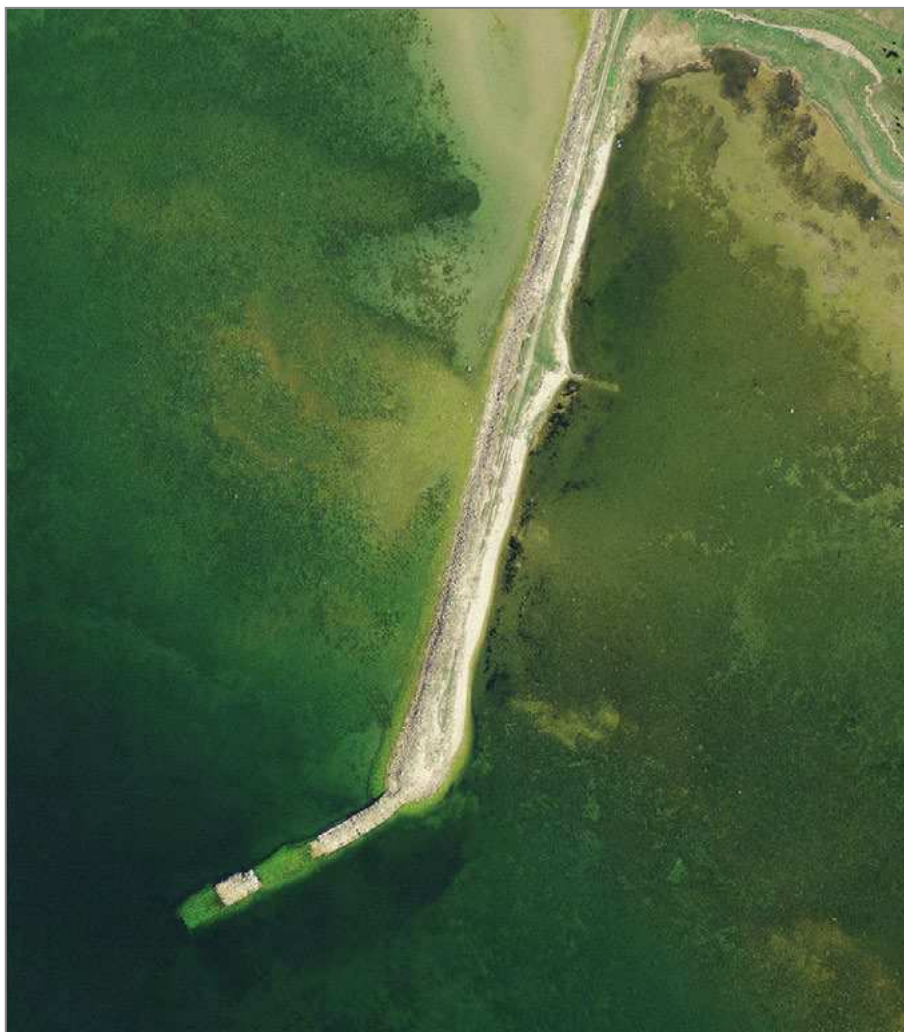
local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Jaagarahu harbour 58°23.75'N 21°58.28'E (abandoned)

Jaagarahu harbour (2012)



(PR) **Abaja sadam** 58°22.17'N 22°01.00'E (<https://abaja.ee/en/abaja-harbour/>)

Mooring (depths BSCD2000^{EH2000})

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			6.0	2.0	0.3	local harbour	01.05 - 01.10
1	20.1	1.1				small craft	
2	30.0	1.1				floating	
slip							

Facilities

General
toilet

Abaja sadam (2023)



(PR) **Papissaare sadam** 58°21.58'N 21°59.15'E (<https://saarteliinid.ee/en/papissaare/>)

Restrictions

- the ferry following the scheduled timeline always has the priority when entering or leaving the harbour
- upon other ships simultaneous entering and leaving the harbour the departing vessel has the priority except when requested otherwise under emergency conditions
- minimal speed, at which the ship maintains maneuverability, is implemented; stern wave shall not occur

Real time weather

<http://on-line.msi.ttu.ee/papissaare/?eng>

Mooring (depths BSCD2000^{EH2000})

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			12.0	4.0	1.2	small craft facilities	01.05 - 01.10
1	31.4	1.2				small craft	
2	24.9	1.2				small craft	
3	30.7	1.2				small craft	
4	30.0	1.2				small craft	
5	26.0	1.2				small craft	
6	36.0	1.2				small craft	
7	65.0	1.2				small craft	
A	9.0	1.2				floating	

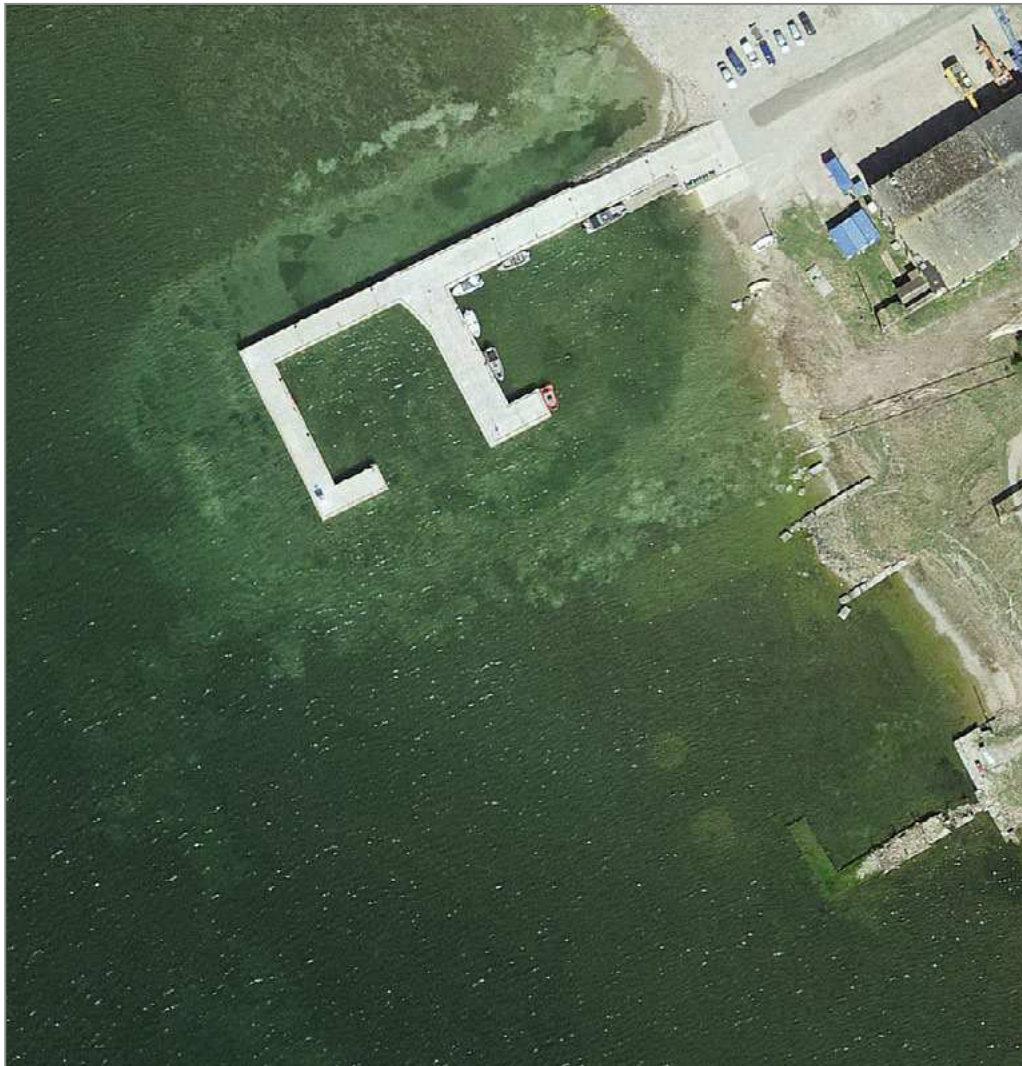
Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1		*				*	
2		*				*	
3		*				*	
4		*				*	
5		*				*	
6		*				*	
7		*				*	
A		*				*	

General

- the amount of garbage to be delivered must be minimal (location in the MR area)

Papissaare sadam (2021)



aerial panorama - www.estonia360.ee/papissaare_vilsandi/ (2012)

Kiirassaare boat harbour approach**Channel**

length 130.0 m

width 10.0 m

Kiirassaare boat harbour 58°20.92'N 21°59.77'E**Mooring**

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
						local harbour	
1	27.0	1.2				small craft	
2	15.0	1.2				small craft	
3	14.0	1.2				small craft	
4	25.0	1.2				small craft	
slip (*)							
(*) - under construction							

Kiirassaare boat harbour (2012)



FLOATING AIDS

SYMBOLS

Cardinal marks

UNLIT MARKS	LIGHTED MARKS
Topmark (if any): 2 black cones	White light Time (seconds) 0 5 10 15 Period shown N mark Q E mark Q(3)10s S mark Q(6)+LFl.15s W mark Q(9)15s The periods 5s, 10s and 15s, may not always be charted

Isolated danger marks stationed over dangers with navigable water around them

Body: black with red horizontal band
Topmark (if any): 2 black spheres



Fl(2)

white light

Safe water marks such as mid-channel and landfall marks

Body: red and white vertical stripes
Topmark (if any): red sphere



LFl.10s or
Mo(A)

white light

Special marks not primarily to assist navigation but to indicate special features

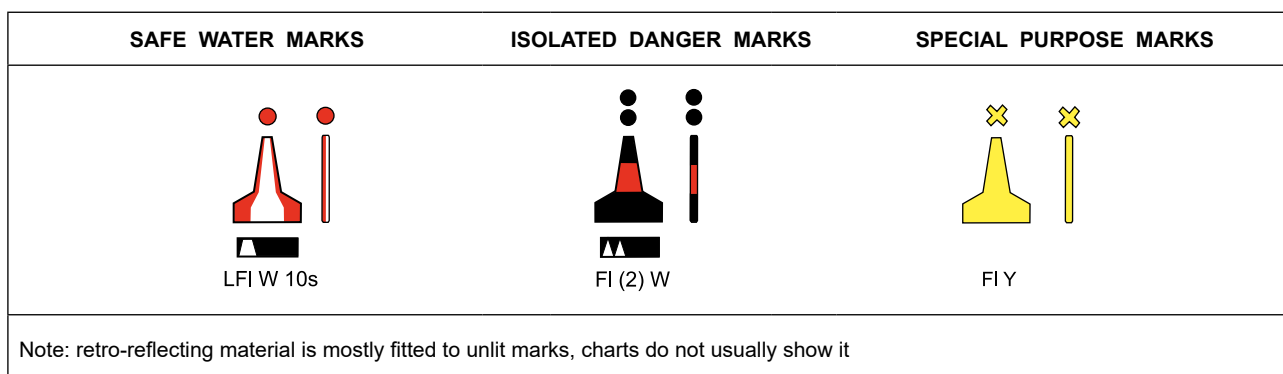
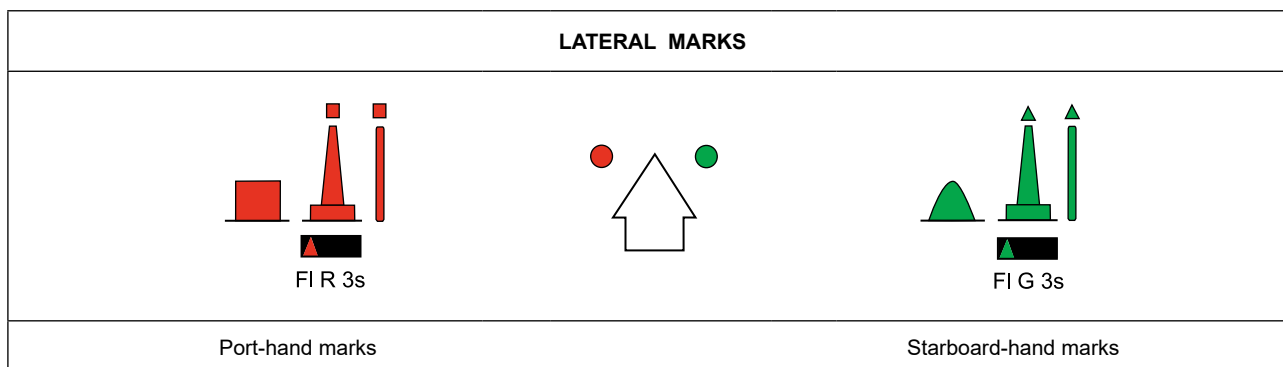
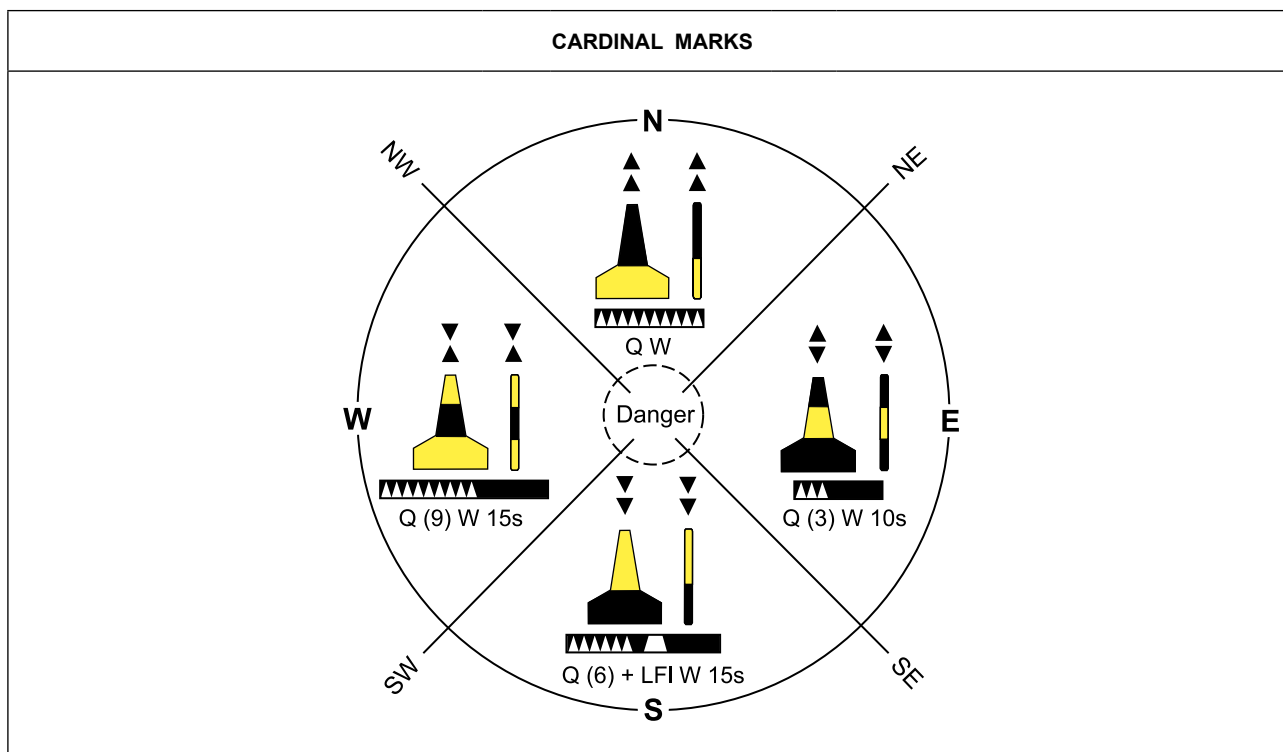
Body: yellow
Topmark (if any): yellow x



Fl.Y

yellow light

COLOUR SCHEME



Note: retro-reflecting material is mostly fitted to unlit marks, charts do not usually show it

ESTONIAN MARITIME COMMUNICATION

Tallinn Radio

MMSI

002761000

phone

+3726991170

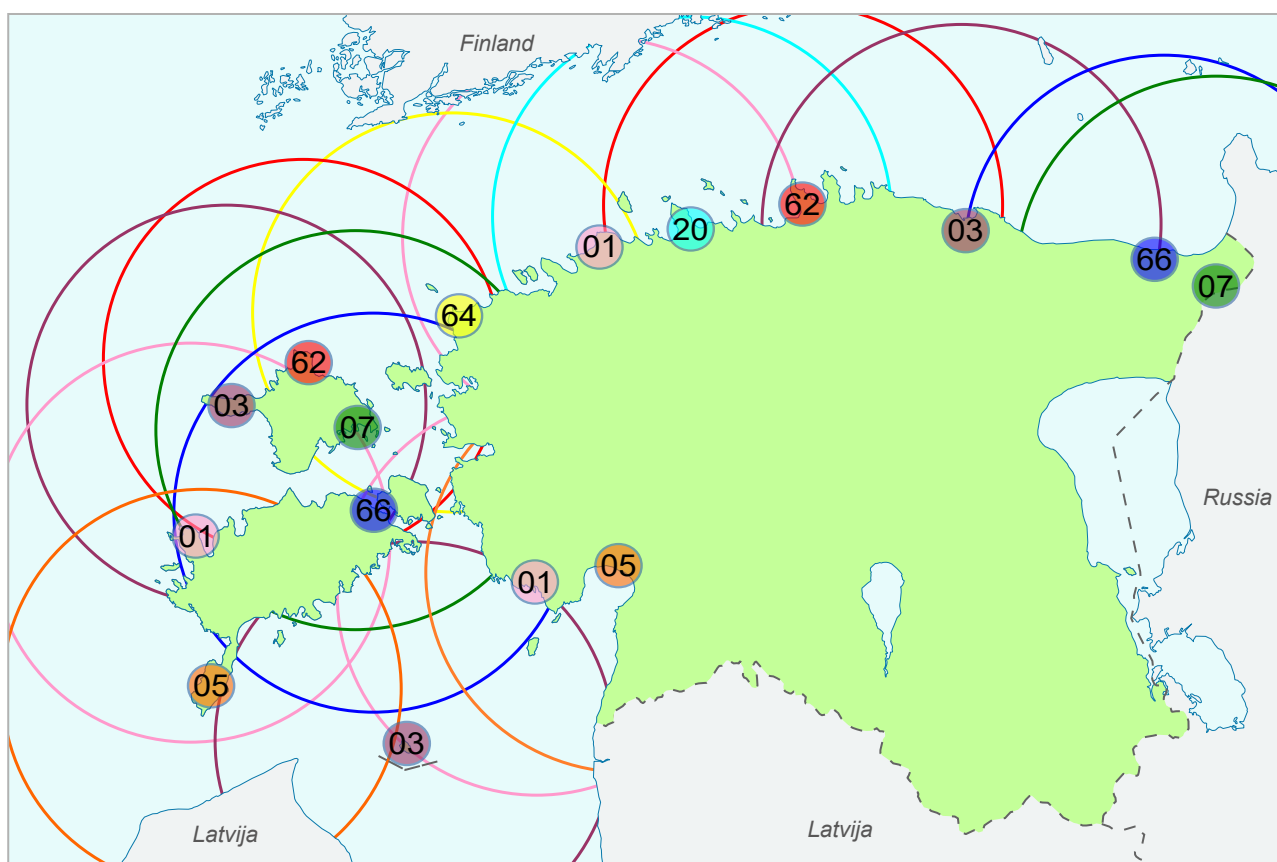
fax

+3726991171

e-mail

tallinnradio@riks.ee

scheme of the base stations



○ - Tallinn Radio base stations and VHF duplex working channels