



REPUBLIC OF ESTONIA
TRANSPORT ADMINISTRATION

Sailing Directions for Estonian Waters

part 1
Gulf of Riga

1.1 Sörve poolsaar to Sääretüki lighthouse

Updated 01.10.2026

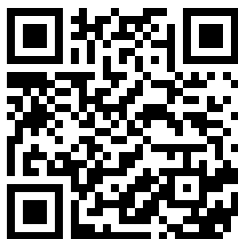
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Cartography Department

Third release January 2015

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://transpordiamet.ee/en/height-system-eh2000>

NAVIGATIONAL INFORMATION

Web application Nutimeri

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

Fairway route points:

<https://transpordiamet.ee/en/sailing-directions>

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 2025, changed pages: 3, 7, 35, 41, 48, 49

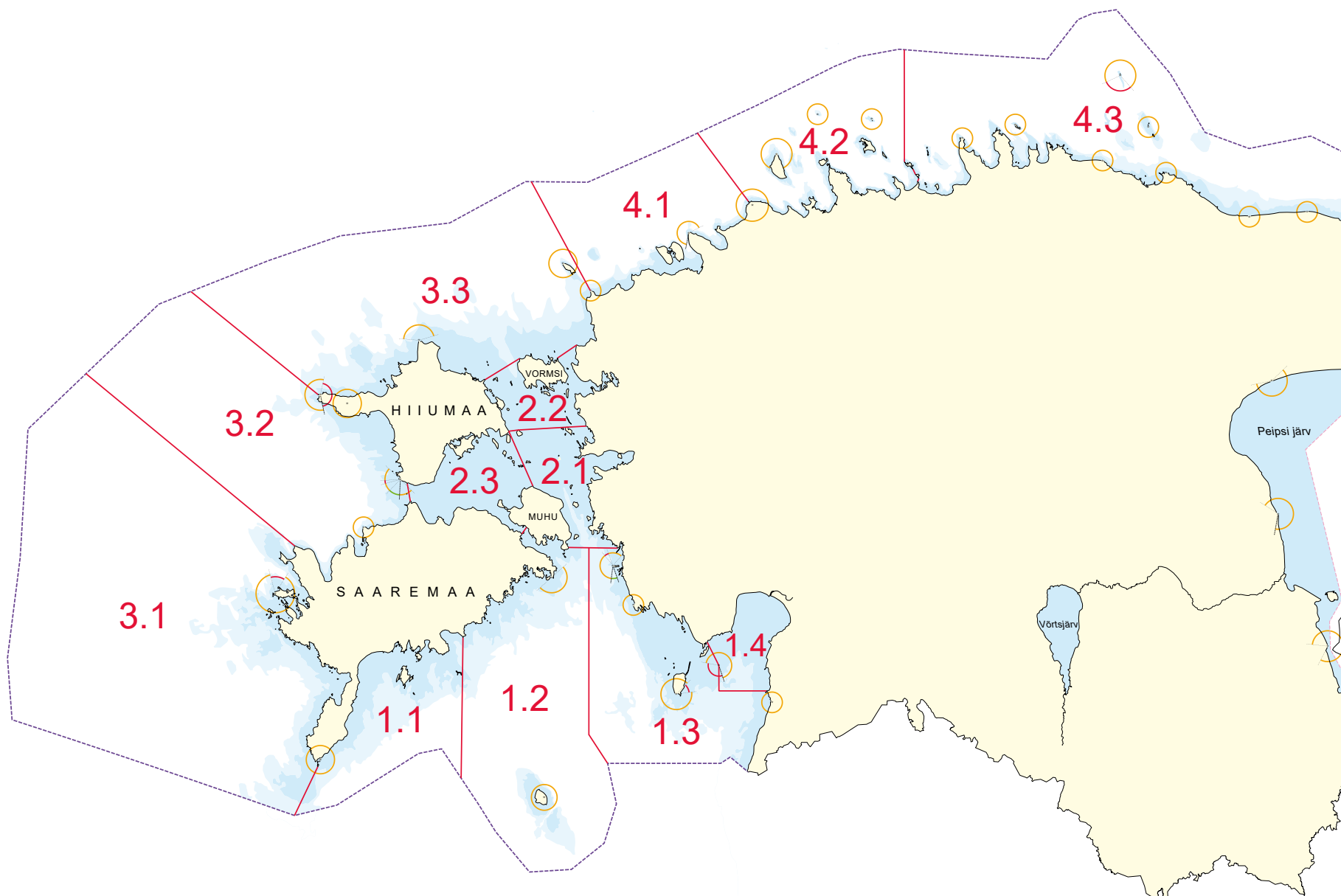
3rd release

2026																																			
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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

MMSI

002760100

call sign

Tallinn Rescue

INMARSAT-C

581492480040

phone

+3726191224

emergency 112

fax

+3726922501

e-mail

jrcc@politsei.ee

Voluntary

Estonian Voluntary Rescue Union

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

Gulf of Riga

General

Area

maritime area from Sõrve sääär and Estonian-Latvian border to Väinameri S-N pilot boarding place

Description

relatively flat topography
coast is predominantly low and woody
offshore bank predominantly covered with sand, gravel, shingle
sediments predominantly gray or brownish gray clay topped with thin sand, gravel or shingle
40 m deeper predominantly gray mud
Saaremaa coast is bordered with rocky bank
bottom topography in the vicinity of Saaremaa coast and Kihnu saar is jagged
coast of Pärnu laht is low and predominantly wooded

Currents

water circulates counter-clockwise
strong currents in the vicinity of Ruhnu island
water level differences of the Gulf of Riga – the Baltic Sea / the Gulf of Riga – Väinameri area as well as wind direction have influence on the effect of the current in the vicinity of Sõrve poolsaar and Suur väin

Salinity

surface 5–6 ‰
in Pärnu laht 3–4 ‰, during spring flood it drops below 1‰

Waves

state of sea calm despite the direction of stormy winds
with winds above 20 m/s waves may rise up to 4 m in 3–4 hrs
shielding effect of Kihnu saar and Ruhnu saar reaches up to 5 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
Kuressaare(*)	-1.8	-3.1	-0.7	4.0	10.3	14.4	17.0	16.4	12.1	7.7	2.7	-0.4
Virtsu	-2.5	-3.9	-1.0	4.2	10.4	14.6	17.8	17.0	12.4	7.6	2.5	-0.9
Kihnu	-2.1	-3.5	-1.0	3.9	10.1	14.5	17.9	17.5	13.1	8.3	3.2	-0.1
Pärnu	-3.5	-4.5	-1.0	4.8	11.4	15.2	18.0	16.9	11.9	6.9	1.6	-1.9
(*) - 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
Kuressaare(*)	5.7/33.0	5.2/28.0	4.9/25.0	4.6/24.0	4.5/20.0	4.5/22.0	4.3/24.0	4.3/21.0	4.7/26.0	5.2/26.0	5.2/28.0	5.3/30.0
Virtsu	4.5/27.0	4.1/26.0	3.9/28.0	3.9/26.0	4.0/22.0	4.0/24.0	3.7/22.3	3.8/24.0	4.0/25.0	4.4/24.9	4.6/30.0	4.5/26.0
Kihnu	7.0/38.0	6.0/32.0	5.2/28.0	4.5/28.0	4.5/22.0	4.6/24.0	4.6/28.0	5.2/24.4	5.9/29.0	6.9/30.0	7.2/34.0	7.2/34.0
Pärnu	4.5/31.0	4.0/26.0	3.7/25.0	3.5/24.0	3.5/26.0	3.5/23.0	3.4/23.0	3.5/24.0	3.7/26.0	4.2/25.0	4.3/26.0	4.3/27.0
(*) - 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
Kuressaare(*)	1010.5	1013.5	1013.2	1013.0	1015.4	1012.2	1012.4	1012.4	1012.2	1012.5	1012.6	1009.9
Virtsu	1011.1	1012.7	1012.2	1013.7	1014.9	1012.3	1012.3	1012.1	1013.4	1013.2	1011.5	1010.8
Kihnu	1011.2	1013.4	1012.7	1013.9	1014.8	1012.2	1012.2	1012.3	1013.3	1013.3	1012.1	1011.5
Pärnu	1011.0	1013.2	1012.5	1013.6	1014.4	1011.7	1011.9	1012.0	1012.9	1013.1	1011.8	1011.2
(*) - 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
Kuressaare(*)	7.9	7.4	6.9	6.3	5.7	6.3	6.0	6.3	6.8	7.2	8.1	8.0
Virtsu	7.7	7.0	6.7	6.0	5.4	5.9	5.7	6.1	6.4	6.9	7.9	7.8
Kihnu	7.9	7.2	6.7	6.2	5.6	6.1	5.8	6.1	6.6	7.1	8.1	8.1
Pärnu	8.0	7.3	6.9	6.4	5.7	6.3	5.8	6.1	6.5	7.0	8.1	8.2
(*) - 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
Kuressaare(*)	6	6	8	7	4	3	2	3	2	4	3	5
Virtsu	4	4	5	6	2	1	1	1	1	2	2	3
Kihnu	3	4	6	6	4	2	1	0	1	2	1	3
Pärnu	5	5	6	5	2	0	1	1	2	3	3	5

(*) - 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
Kuressaare(*)	12/51.7	8/35.0	10/36.2	7/34.9	6/33.7	8/53.4	7/57.1	10/62.2	12/72.3	13/76.0	13/67.5	14/58.2
Virtsu	11/51.5	8/35.9	9/35.5	7/30.8	6/29.9	8/52.5	8/66.1	10/74.3	10/64.0	12/72.7	12/66.6	12/50.6
Kihnu	10/37.0	7/28.5	8/29.6	7/30.2	7/34.3	8/58.1	8/64.8	10/66.4	10/61.7	11/64.4	12/57.7	11/45.0
Pärnu	13/60.5	9/43.6	10/44.2	8/36.9	8/37.0	10/73.3	9/78.8	11/79.0	10/67.5	13/83.5	14/75.1	13/66.9

(*) - 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
Ruhnu	1947-1988	153	02.11.1969	-91	29.12.1978
Virtsu	1889-1893, 1899-1912, 1945-2011	194	09.01.2005	-112	09.12.1959
Kihnu	1946-1989	192	02.11.1969	-133	09.12.1959
Pärnu	1923-2011	275	09.01.2005	-122	14.10.1976

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
Liivi laht (1)*	16. Jan	12. Dec	23. Feb	13. Apr	18. Jan	12. Mai	81	0/138	18 – 30	0/60
Suur katel	29. Dec	02. Dec	09. Feb	03. Apr	20. Jan	28. Apr	87	16/135	18 – 28	5/40
Kihnu väin	23. Dec	25. Nov	04. Feb	14. Apr	11. Mar	30. Apr	106	35/152	32 – 42	20/60
Pärnu laht	13. Dec	15. Nov	28. Jan	19. Apr	30. Mar	30. Apr	128	63/160	39 – 50	25/70

(...)* - icefree number of years in observation period

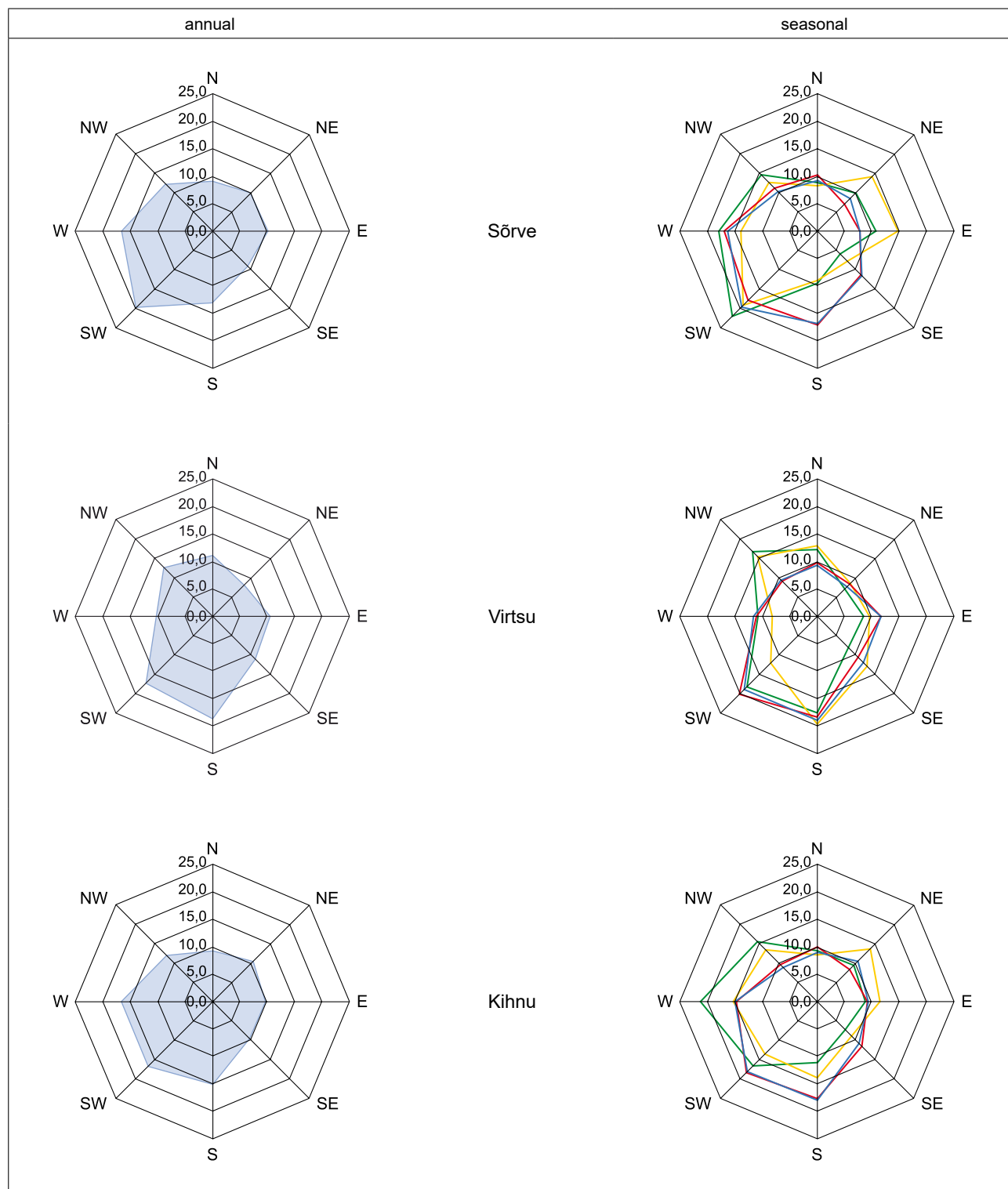
Winds**Mean wind direction (%) in relation to wind speed through years 1981 – 2010**

SÕRVE	N	NE	E	SE	S	SW	W	NW	total
calm									0.3
1 - 5 m/s	7	5.8	5	3.9	5.3	5.7	5.9	6.8	45.5
6 - 10 m/s	2	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

VIRTU	N	NE	E	SE	S	SW	W	NW	total
calm									0.6
1 - 5 m/s	6.8	6.9	9.7	9.4	14.2	13.8	8	7.2	76.1
6 - 10 m/s	3.8	1.1	0.7	1.5	4.4	3.4	2.2	4.8	21.9
11 - 15 m/s	0.5	0	0	0	0.1	0.1	0.1	0.6	1.4
over 15 m/s	0	0	0	0	0	0	0	0	0.1
total	11.1	8	10.5	10.9	18.7	17.2	10.3	12.6	100

KIHNU	N	NE	E	SE	S	SW	W	NW	total
calm									1.2
1 - 5 m/s	7.8	8.2	6.4	4.8	5.1	5.1	6.4	6.9	50.8
6 - 10 m/s	1.4	2.1	3	4.1	7	8.3	7.7	4.2	37.7
11 - 15 m/s	0.1	0.1	0.2	0.6	2.7	2.9	2.3	0.6	9.5
over 15 m/s	0	0	0	0	0.2	0.2	0.2	0.1	0.8
total	9.2	10.4	9.6	9.6	15.1	16.5	16.6	11.8	100

Wind frequency



— winter
 — spring
 — summer
 — autumn

Regions

1.1 Sõrve poolsaar to Sääretüki lighthouse

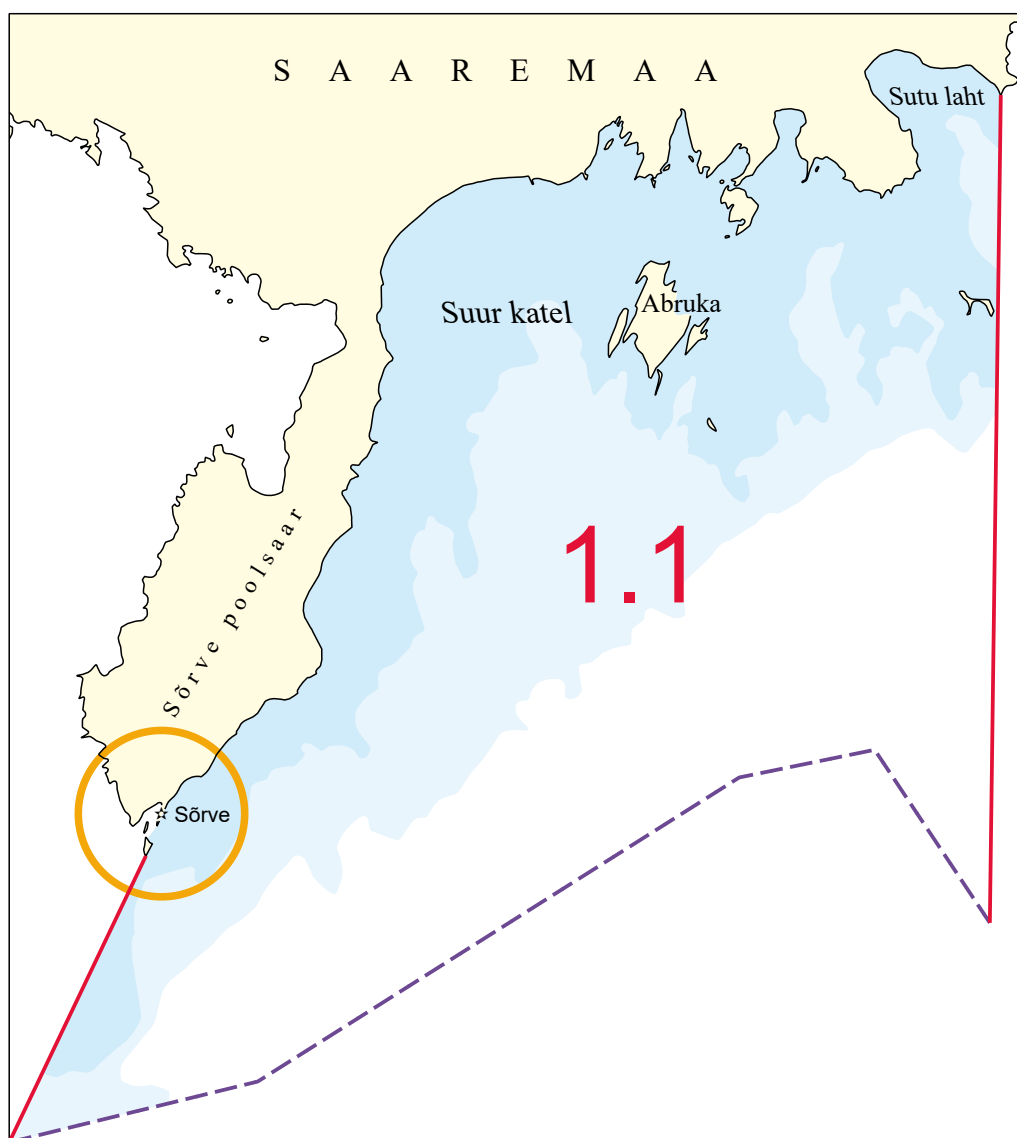
Mõntu sadam	p 21
Mõntu väikelaevade sadam	p 21
Kaavi boat pier	p 24
Kaavi paadisadam	p 25
Saare-Vintri boat pier	p 26
Ulaste-Vintri boat pier	p 26
Lepa-Vintri boat pier	p 26
Laugi-Vintri boat pier	p 26
Heleni-Vintri boat harbour	p 27
Otsa-Vintri boat pier	p 27
Vella-Vintri boat harbour	p 27
Niidi-Imara boat pier	p 27
Läätsa paadisadam	p 28
Vahase boat harbour	p 29
Salme Jõesadam	p 30
Kadaka-Salme boat pier	p 32
Tasi-Salme boat harbour	p 32
Nasva sadam	p 33
Nasva yacht harbour	p 34
Kuressaare sadam	p 37
Abruka sadam	p 41
Roomassaare sadam	p 44
Tammiku-Muratsi boat harbour	p 48
Muratsi sadam	p 48
Ranna-Kopli boat pier	p 49
Küüni-Laheküla boat pier	p 49
Kärsa sadam	p 49
Kuusiku-Sutu boat pier	p 51

1.2 Sääretüki lighthouse to Väinameri S pilot boarding place

1.3 Väinameri S pilot boarding place to Sorgu S buoy

1.4 Sorgu S buoy to Pärnu laht

1.1 SCHEME OF THE MARITIME AREA



1.1 marine area navigational charts

Estonian Maritime Administration chart No	INT chart No	Scale
305	1215	250 000
519	1272	100 000
513		100 000
635		50 000
628	1126	50 000
636		50 000
875		10 000
890	1798	2 000

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

1.1 Sörve poolsaar to Sääretüki lighthouse

Vicinity

B a y s

Bay	Position, area limits	Description	Restrictions
Suur katel	58°10.1'N 22°22.7'E	depth in the S part of Suur katel 10–13 m, depths under 5 m on the 2 M coast bank in W; bottom varved clay topped by 10–20 cm thick layer of sand; underwater boulders	
Tõugalõugas	Suur katel ESE part	shallow, rocks	
Kuressaare laht	58°13.8'N 22°28.2'E	shallow; entrance and E part rocky, W part sandy; coast is low, well-indented; bottom topography hummocky, depths at the entrance 4 m, central part predominantly 1–1.5 m, bottom moraine	
Väike katel	Kuressare laht N part	shallow	
Tori abajas	Kuressare laht NNE part	marina in S part; N part shallow, reed on the seaside, bottom rocky	
Ujula abajas	Kuressare laht NNE part	shallow	
Punasekivi abajas	Kuressare laht NE part	shallow	
Sepamaa laht	58°14'N 22°32'E	depths up to 3.5 m, reefy	
Muratsi laht	58°13.4'N 22°34.7'E	entrance is reefy; depths at the central part less than 2 m	
Põdulõugas	58°10.2'N 22°31.1'E	shallow, rocks	
Kasti laht	58°14.5'N 22°37.5'E	depths at the reefy entrance 4.5 m, inner part less than 2 m	
Ennu laht	58°13.3'N 22°39.7'E	depths at the entrance 4.5 m	
Sutu laht	58°15.5'N 22°45.4'E	seaward depth is up to 11 m; coast is unindented and predominantly wooded; coast bank in N bay is 5–6 cables wide, in the cove 8–9 cables and on the W coast 3–5 cables	

H a z a r d s

Bay	Hazard	Least depth (m)	Position N/E		Nav. aid	No	Notes
	Kääramadal	2.3	57°48.53'	22°01.71'			
	wreck	unknown	57°53,77'	22°02,89'			
	wreck	unknown	57°54,31'	22°03,28'			
	wreck	unknown	57°54.30'	22°04.35'			
	Mõntu spoil ground	unknown	57°55.08'	22°06.38'			
	wreck	above sea level	57°57.65'	22°08.76'			
	Kaavi madal	0.7	57°57.40'	22°12.70'	E buoy	946	
	wreck	above sea level	57°58,04'	22°12,27'			
	Veiserahu	1.8	57°59.30'	22°26.20'	S buoy	944	
	unnamed	3.0	58°00.20'	22°16.60'			
	unnamed	7.2	58°00.60'	22°27.30'			
	wreck	unknown	58°01.01'	22°13.87'			
	Leeltserahu	0.3	58°03.94'	22°19.75'	E buoy	945	a few rocks, awash

Vicinity Hazards (to be continued)

Bay	Hazard	Least depth (m)	Position N/E		Nav. aid	No	Notes
	unnamed	4.1	58°04.80'	22°17.40'			
	Merise madal	1.5	58°06.00'	22°17.90'			
	Vahase spoil ground		58°07.06'	22°26.30'	W spar buoy	3190	
Suur katel	wreck	8.1	58°07.77'	22°23.64'			
Suur katel	Linnarahu	1.6	58°12.32'	22°23.99'			
Suur katel	unnamed	1.8	58°12.35'	22°24.67'			
Suur katel	Püskurahu	0.3	58°12.24'	22°26.17'	S spar buoy	3194	
	wreck	3.4	58°12.36'	22°29.55'			
Suur katel	wreck	4.4	58°11.03'	22°26.51'	S spar buoy E spar buoy	3193 3195	
Suur katel	unnamed	1.1	58°11.62'	22°26.84'			
	Abruka N bank	1.5	58°11.30'	22°31.10'	N spar buoy	3192	
	wreck	above sea level	58°09.48'	22°31.62'			
	Kirjurahu madal	2.9	58°04.40'	22°30.00'	W spar buoy	3189	
Muratsi laht – entrance	unnamed	0.7	58°12.73'	22°33.29'			
	unnamed	1.0	58°11.63'	22°33.38'			
	Virvekuiva madalad	2.6	58°07.02'	22°38.75'	E buoy W spar buoy	956 3210	
	unnamed	1.5	58°10.00'	22°36.10'	W spar buoy S spar buoy	3207 3208	
	unnamed	4.4	58°10.20'	22°44.00'			
	unnamed	4.4	58°10.50'	22°46.00'			
	Allirahu madal	1.5	58°08.00'	22°46.30'	S spar buoy	3214	

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

1.1 Sõrve poolsaar to Sääretüki lighthouse

Islands, inlets

Bay	Island, inlet	Position N/E		Description	Notes
	Vesitükk	57°53.60'	22°02.70'	elongated, 2 capes in NE, sandy	Sääre MR (¹)
	Lombimaa	57°54.17'	22°02.50'	low, rubble	Sääre MR (¹)
	Suurrahu laid	57°58.03'	22°11.40'	rocky, overgrown with grass	
	Püskujoome	58°04.22'	22°13.50'	low, rocky	
	Arujoome	58°04.48'	22°13.85'	low, rocky	
	Kirjurahu	58°06.00'	22°33.40'	sickle shape, E coast curvy, low, sandy; encircled with rocky coastal bank	Kerju grey seal MR (²)
	Linnusitamaa	58°07.20'	22°30.60'	narrow shoal, gravel; low, rocky grassland, rocky coastal bank 5–7 cables wide	
W shore is bounded by Suur katel	Abruka saar	58°09.00'	22°30.50'	coastline is indented, 8.9 m high; grassland, clusters of deciduous trees; rocky coastal shoal 5–7 cables wide	
Suur katel	Vahase saar	58°08.60'	22°28.30'	relatively high, shore covered with sand and pebbles; underwater rocks extend to the coast; E shore is covered with reeds; central part is up to 4.3 m high and sparsely wooded, pine and juniper; lined with 5–7 cables wide rocky bank	
Suur katel	Vesirahu	58°10.13'	22°29.56'	rocky, reeds	
Kuressaare laht	Loodeots	58°13.11'	22°26.55'	low, sandy, overgrown with grass	
Kuressaare laht	Laiamaa	58°14.00'	22°27.90'	low, rocky, grassland, reeds	
Kuressaare laht	Tiirlaid	58°13.08'	22°29.36'	low	
Sepamaa laht	Hülgelaid	58°13.36'	22°31.06'	shoal, gravel, grassland	
Sepamaa laht	Künnisemaa	58°13.65'	22°32.39'	low, sandy shoal	
Sepamaa laht	Sepamaa laid	58°14.46'	22°32.32'	W-coast elongated, gravel, scrub	
Sepamaa laht	Roolaid	58°14.88'	22°32.17'	low	
Muratsi laht	Langirahu	58°13.96'	22°35.08'	low, swampy; W coast higher	
between Muratsi and Kasti laht	Laidumaa	58°13.10'	22°35.20'	indented coastline, sandy, overgrown with grass	
NE shore is bounded by Kasti laht	Väike-Tulpe saar	58°12.40'	22°35.20'	up to 1.2 m high, heavily indented coastline, scrub	
	Köödukuiv	58°11.36'	22°34.28'	low, sandy shoal	
	Kabjuse saar	58°11.51'	22°35.10'	low, sandy	
	Anerahu mäta	58°09.74'	22°31.27'	low	

(¹) - from 15.02 - 15.07 human presence within the limits of the Vesitükimaa conservation zone is prohibited

(²) - operating an engine powered watercraft at the speed exceeding 8 knots is prohibited, from 15.01 - 15.04 human presence within the limits of the conservation zone is prohibited

Vicinity Islands, inlets (to be continued)

Bay	Island, inlet	Position N/E		Description	Notes
	Kasselaid	58°08.50'	22°32.60'	up to 5 m high, indented coastline, several extended spits; rocky, grassland, wood clusters in the central part; seafront covered with reeds, rocky coastal bank 5–7 cables wide	
	Allirahu	58°09.70'	22°47.20'	cape with pointed end in NW and S, low, overgrown with grass, encircled with abundant rocks	Allirahu MR ⁽³⁾
	Tombamaa	58°09.40'	22°48.50'	low	Allirahu MR ⁽⁴⁾
Kasti laht	Siirahu	58°14.50'	22°38.49'	low	
Ennu laht	Käärikulaid	58°13.31'	22°39.26'	low, marshy	
Ennu laht	Suuruks	58°13.73'	22°39.41'	low, grassland	
Ennu laht	Rannube rahu	58°13.39'	22°40.57'	low	
	Rooguderahu	58°12.76'	22°41.79'	low, reeds	
Sutu laht	Kokisäär	58°14.79'	22°43.74'	low	
⁽³⁾ - operating an engine powered watercraft at the speed exceeding 8 knots is prohibited, from 15.02 - 01.07 human presence within the limits of the special management zone is prohibited ⁽⁴⁾ - operating an engine powered watercraft at the speed exceeding 8 knots is prohibited, from 15.02 - 15.11 human presence within the limits of the special management zone is prohibited					

1.1 Sõrve poolsaar to Sääretüki lighthouse

Navigational aids

database of Estonian aids to navigation - https://nma.vta.ee/			
Island, inlet	Navigational aid	Nav. aid No	Notes
	Sõrve lighthouse	935/3704	
	Kaavi lighthouse	943/3705-3	
	Anseküla lighthouse	932/3710-1	
Vahase	Vahase light beacon	947/3707	
Kirjurahu	Kirjurahu light beacon	949/3618	
Allirahu	Sandla-Allirahu light beacon	970/3636	
	Sääretüki lighthouse	977/3627	

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
	Mäebe communication mast	57°58.62'	22°08.95'	aviation obstruction lights
	Anseküla communication mast	58°06.54'	22°13.55'	aviation obstruction lights
	Üüdibe communication mast	58°08.99'	22°14.69'	aviation obstruction lights
	Salme communication mast	58°09.64'	22°14.42'	aviation obstruction lights
	Mere-Salme windmill	58°10.00'	22°15.34'	
	Tehumardi monument	58°10.62'	22°15.33'	
	Tehumardi communication mast	58°10.86'	22°14.62'	aviation obstruction lights
Abruka saar	Abruka windmill	58°09.67'	22°30.27'	
	Nasva wind turbines (2 pcs)	58°13.30'	22°22.13'	aviation obstruction lights
	Nasva communication mast	58°13.39'	22°22.44'	aviation obstruction lights
	Nasva harbour wind turbine	58°13.06'	22°23.55'	aviation obstruction lights
	Nasva pier wind turbine	58°12.80'	22°23.74'	aviation obstruction lights
	Nasva marina wind turbine	58°13.04'	22°23.62'	
	Nasva front mark	58°13.29'	22°23.98'	former ldg.l. mark
	Kuressaare castle tower	58°14.81'	22°28.68'	
	Kuressaare television mast	58°16.21'	22°29.20'	
	Kuressaare communication masts (2 pcs)	58°16.19'	22°29.54'	aviation obstruction lights
	Kuressaare chimney	58°15.09'	22°28.18'	
	Vanamõisa radio mast	58°14.49'	22°40.16'	aviation obstruction lights
	Vätta radar tower	58°14.28'	22°42.72'	
	Suure-Rootsi windmill	58°14.30'	22°42.90'	ruins of windmill
	Kailuka windmill	58°16.18'	22°41.74'	
	Püha church	58°18.03'	22°43.52'	

Topography**C o a s t**

in Sõrve sääär surface current may exceed 1.5 knots

E coast from Sõrve sääär to Tehumardi is wooded
height of the hilly central part, Sõrve kõrgustik, is 36.1 m
sandy shores are changing with reed covered stretches

from Tehumardi to Nasva 2–4.5 m sand duned sea shore is wooded
sea bottom predominantly varved clay topped with thin layer of sand, shoals rocky moraine
reefy bank, rocks underwater and above

from Nasva harbour to E and W extension the coast is shallow and wooded
seaside is swampy or sand duned

coast from Roomassaare poolsaar to Vätta nina is indented, low, wooded, partly swampy and covered with reed
2 M bank is rocky

from Vätta nina to Sääretüki poolsaar the coast is well indented, the bank is rocky and approximately 1 M wide
local knowledge required for offshore navigation, within less than 4 M from the shore

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

W a r n i n g

wrecks, unmarked upon the charts, may occur in the vicinity of Sõrve offshore bank

F i s h i n g

fishing nets (unmarked) occur close to shipping routes, within 10 m isobath

Anchorage

Anchorage area	Bottom topography	Notes
S–SSW of Mõntu harbour, depths 4–5 m	clay, sand	
W of Vahase, depth 5 m	clay, sand	
SE of Vahase light beacon (947/3707), depths 4–6 m	clay, sand	
S–SW of Nasva, depths 4–5 m	clay, sand	
5–6 cables W and SW of Allirahu, depths 5–7 m	sand, clay	
central part of Sutu laht, 4–6 cables S of Põhjarahu, depths 5–7 m	clay, sand	

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

Mõntu sadam approach

Mõntu väikelaevade sadam approach

Navigation aids

Mõntu Idg.I 298.5° - 118.5°

Mõntu Idg.I front beacon (941/3704·5)

Mõntu Idg.I rear beacon (942/3704·51)

Mõntu harbour pier light beacon (937/3704·3)

Mõntu small-craft harbour pier light (938/-)

lateral marks

(PR) **Mõntu sadam** 57°56.94'N 22°07.63'E (www.montusadam.ee/en/home/)

(PR) **Mõntu väikelaevade sadam**

Pilot service

pilotage is compulsory, except for small craft

boarding place 57°55.7'N 022°12.0'E

daytime order

Restrictions

Entering and leaving prohibitions

wind speed over 15 m/s

visibility under 200 m

Natural conditions

open to E – NE winds

Real time weather

www.ilmateenistus.ee/meri/vaatlusandmed/montu/?lang=en

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)		
Mõntu sadam			100	18	4.0	commercial shipping	throughout the year
1	47.0	4.3					
2	163.0	4.8					
Mõntu väikelaevade sadam			24.0	5.0	2.8	small craft facilities	throughout the year
1	39.0	2.4				small craft	
2	37.5	2.9				fishing vessels	
3	43.5	2.5				small craft	
4	40.5	2.5				fishing	
slip							

Facilities

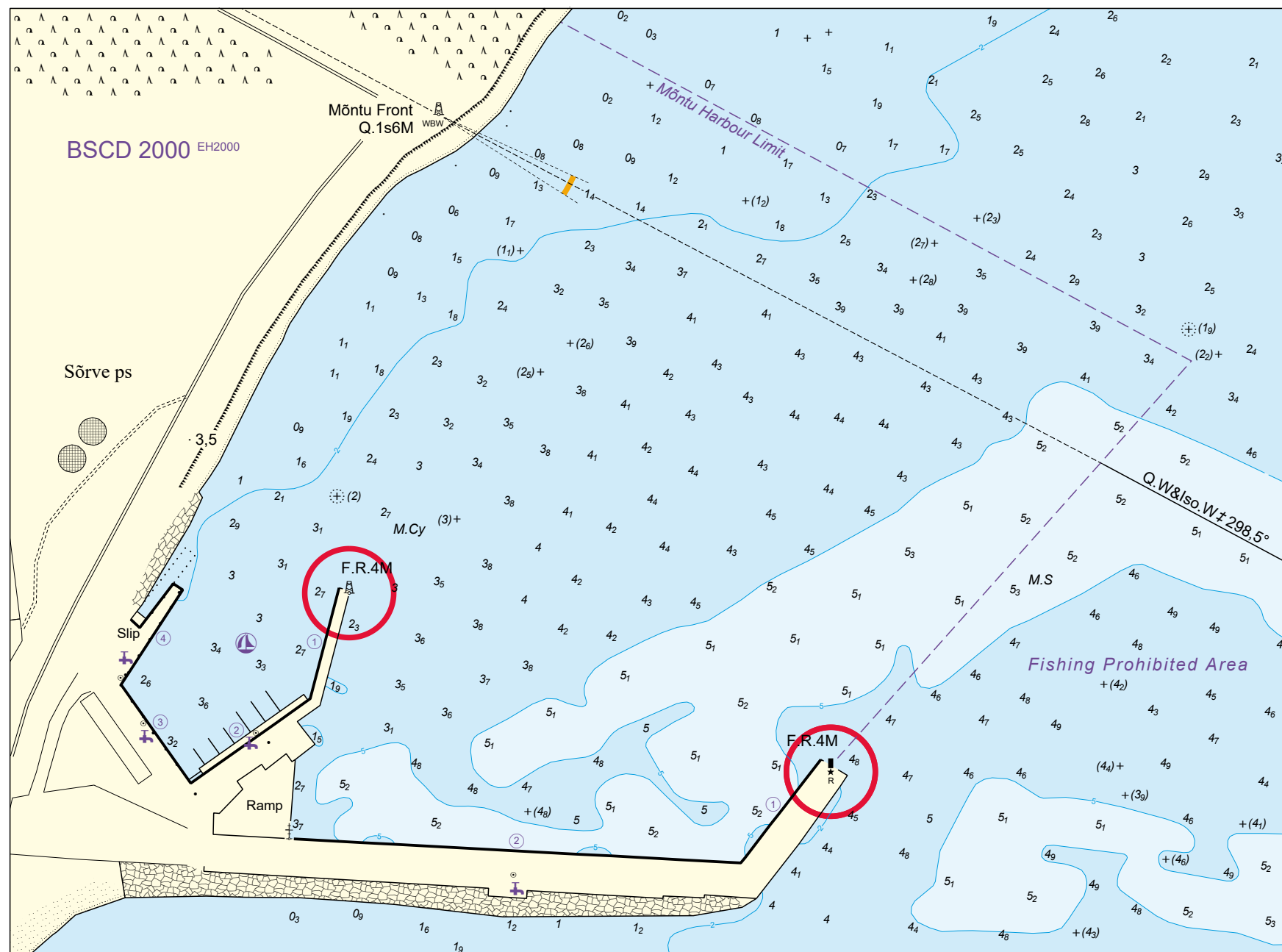
Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
Mõntu sadam							
1		*	*	*		*	
2			*	*		*	
Mõntu väikelaevade sadam							
3		*				*	
4		*				*	
5		*				*	
6							

General

toll and border check
 food, phytopathological and veterinary inspection
 cargo storage
 garbage and waste reception
 sauna, toilet

Mõntu sadam (2021)





Kaavi boat pier approach

Natural conditions

often filled with drift sand, least depth 0.5 m

Restrictions

local knowledge required

Kaavi boat pier 57°58.90'N 22°12.05'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		1.0					

Kaavi boat pier (2012)



Kaavi paadisadam approach (depths BSCD2000^{EH2000})

Channel

length 114.0 m

width 4.0 m

depth 1.4 m

Natural conditions

often filled with drift sand

Restrictions

local knowledge required

(PR) **Kaavi paadisadam** 57°59.35'N 22°12.00'E

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)		
			8.0	3.0	1.4	local harbour	15.03 - 15.11
1	6.0	0.3	1.4				
slip							

Kaavi paadisadam (2021)



Saare-Vintri boat pier 58°01.88'N 22°12.13'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Ulaste-Vintri boat pier 58°02.00'N 22°12.19'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Lepa-Vintri boat pier 58°02.11'N 22°12.31'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Laugi-Vintri boat pier 58°02.19'N 22°12.39'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Heleni-Vintri boat harbour 58°02.29'N 22°12.52'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Otsa-Vintri boat pier 58°02.31'N 22°12.54'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Vella-Vintri boat harbour 58°02.35'N 22°12.58'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Niidi-Imara boat pier 58°06.89'N 22°15.21'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Läätsa paadisadam approach (depths BSCD2000^{EH2000})

Channel

length 80 m

width 15 m

depth 1.2 m

Natural conditions

often filled with sand

Restrictions

local knowledge required

(PR) **Läätsa paadisadam** 58°08.77'N 22°15.21'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)		
			9.0	2.2	0.9	local harbour	01.04 - 31.10
1	110.0	1.2					
2	50.0	1.1					
3	30.0	1.3					

Facilities

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

General

garbage reception

Läätsa paadisadam (2023)



Vahase boat harbour 58°09.22'N 22°28.91'E

Mooring

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
1							

Salme Jõesadam approach (depths BSCD2000^{EH2000})

Channel

length 289 m
width 6.0 m
depth 1.2 m

Restrictions

local knowledge required

(PR) **Salme Jõesadam** 58°09.92'N 22°15.22'E

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)		
			24.0	6.0	1.0	local harbour	01.04 - 01.12
1	62.0	0.9					

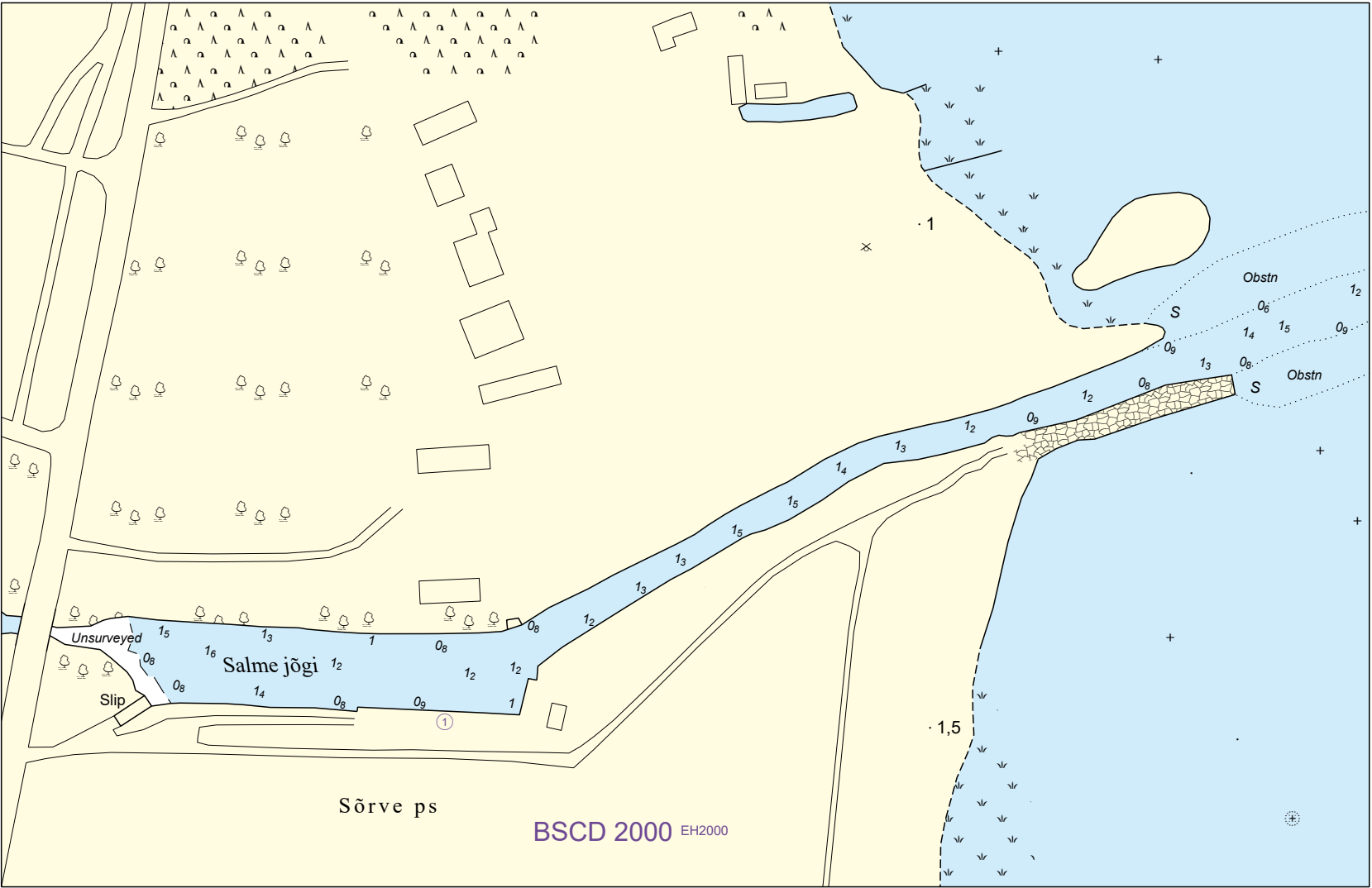
Facilities

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

General
garbage reception

Salme Jõesadam (2023)





Kadaka-Salme boat pier 58°10,05'N 22°15,32'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Tasi-Salme boat harbour 58°10,11'N 22°15,34'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Nasva sadam approach (depths BSCD2000^{EH2000})

Navigational aids

Nasva harbour pier daymark (953/3620·5)

lateral marks

Channel

length 2770 m

width 35.0 m

depth 2.5 m

Natural conditions

depths vary due to local drifting sediment at harbour entrance

Restrictions

local knowledge required

(PR) **Nasva sadam** 58°12.80'N 22°23.80'E

Pilot service

pilotage is compulsory, except for small craft

boarding place 58°08'N 022°25'E

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)		
			130.0	25.0	2.5	shipyard	01.01 - 31.12
1	48.0	3.9					
2	75.0	3.2 - 3.6					
docking basin	50.0						
3	130.0	2.4 - 3.3					

Facilities

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

General

garbage reception

tug boat service

Nasva yacht harbour approach

Channel

depth 1.8 m

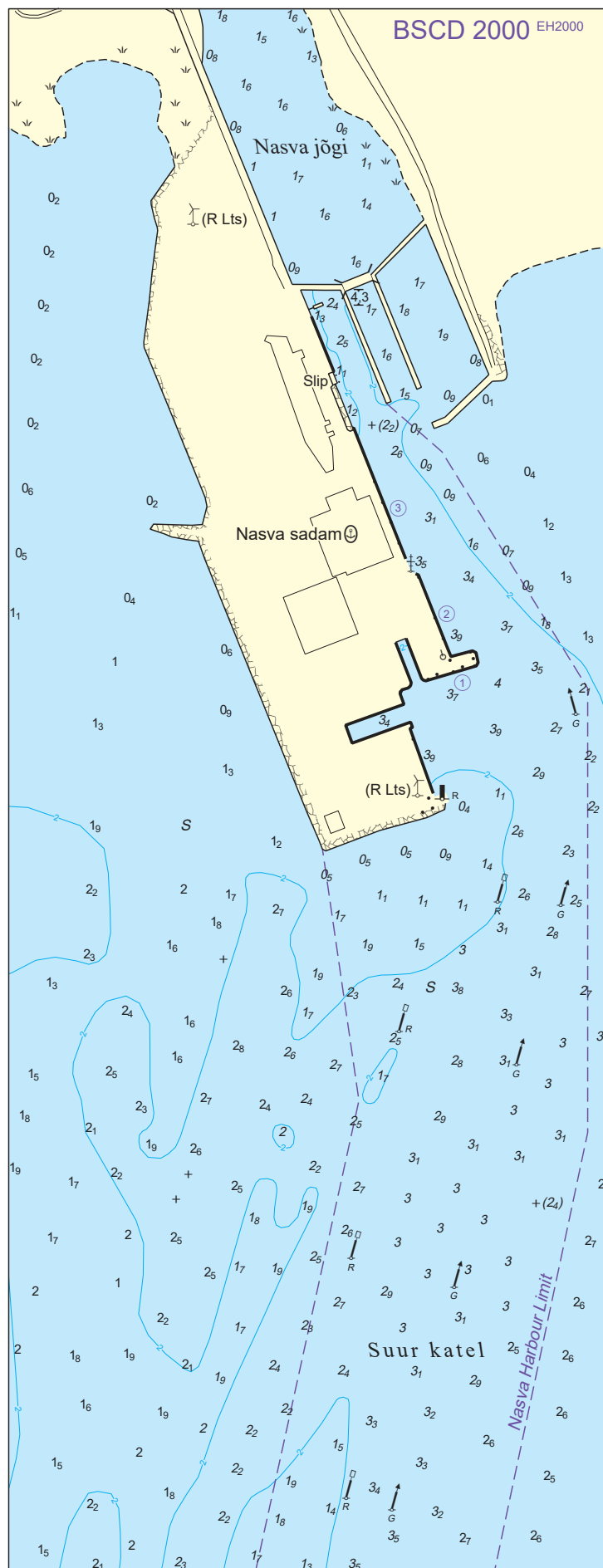
Nasva yacht harbour 58°12.98'N 22°23.67'E

Facilities

General

shower

Nasva sadam ja Nasva Jahisadam (2026)



Nasva sadam and Nasva yacht harbour (2023)



aerial panorama - www.estonia360.ee/nasva/ (2012, winter)

Kuressaare sadam approach (depths BSCD2000^{EH2000})**Navigation aids**

Kuressaare harbour Idg.I. 001.3°-181.3°
 Kuressaare harbour Idg.I. front light beacon ([978/3612-3](#))
 Kuressaare harbour Idg.I. rear light beacon ([979/3612-31](#))
 Kuressaare harbour N mole light beacon ([975/3614](#))
 Kuressaare harbour S mole light beacon ([976/3614-2](#))
 Kuressaare fairway safe water spar buoy ([3251.1](#))
 lateral marks

Hazards

in the vicinity there are numerous underwater rocks and unmarked shoals

Channel

length 2905 m
 width 24 m
 depth 2.3 m
 Restrictions
 speed limit 5 knots
 departing vessel has the priority
 Hazards
 mounds on edges rise to sea level, covered with reef

(PR) **Kuressaare sadam** 58°14.70'N 22°28.30'E (<https://kuressaarejahisadam.ee/en/homepage-slider-2/>)

Communication channels

VHF 11 – Tori

Restrictions

minimal speed maintaining manoeuvrability
 Entering and leaving prohibitions
 visibility under 200 m
 wind speed over 15 m/s
 Maneuver
 remooring 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)		
			23.9	4.0	2.1	small craft facilities	10.05 - 31.10
1	70.0	2.1				yachts	
2	70.0	2.4				yachts	
3	70.0	1.9				yachts	
4	70.0	1.9				yachts	
slip							
6	30.0	1.4				boats	
7	24.5	2.0				service	
8	70.0	1.9				yachts	
9	70.0	1.9				yachts	
10	99.0	1.2				boats	

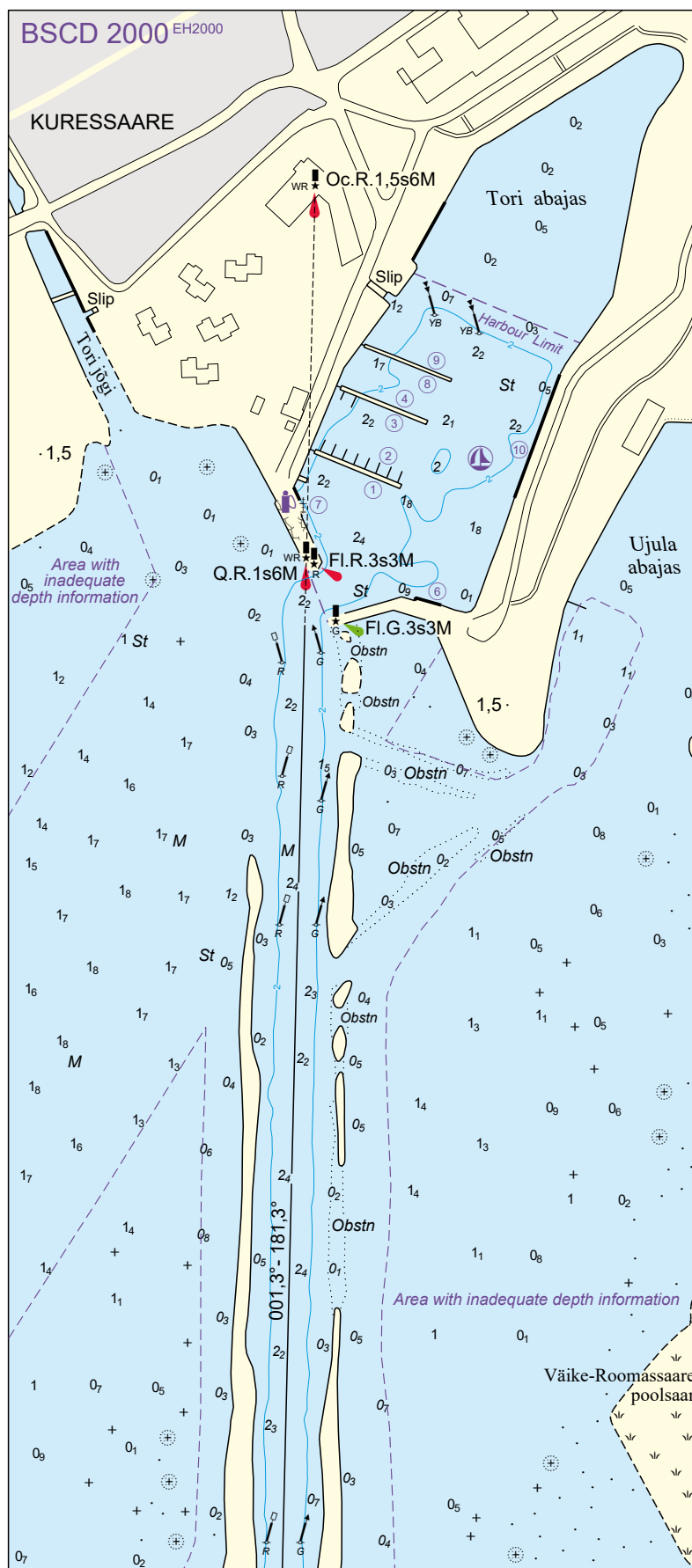
Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1		*				*	Wi-Fi
2		*				*	Wi-Fi
3		*				*	Wi-Fi
4		*				*	Wi-Fi
6						*	Wi-Fi
7	*	*	*	*		*	Wi-Fi
8		*				*	Wi-Fi
9		*				*	Wi-Fi
10						*	Wi-Fi

General

food and veterinary inspection on request
 CCTV (recording)
 garbage reception
 shower, sauna, toilet, laundry

Kuussaare sadam (2022)



Kuressaare sadam (2024)



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

Abruka sadam approach (depths BSCD2000^{EH2000})**Navigation aids**

Abruka harbour Idg.I. 251.3° - 071.3°

Abruka harbour Idg.I. front light beacon (973/3617)

Abruka harbour Idg.I. rear light beacon (974/3617-1)

Abruka harbour S mole light beacon (974.1/3616-8)

Abruka harbour breakwater light beacon (974.2/3616-7)

Abruka spar buoy (3277)

lateral marks

Channel

length 520 m

width 50 m

depth 2.8 m

Restrictions

when ships are approaching, small craft must keep as far from the centerline of the fairway as their own maritime safety allows

(PR) **Abruka sadam** 58°09.77'N 22°31.65'E (<https://saarteliinid.ee/en/abruka/>)**Communication channels**

VHF 14 – Abruka sadam

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

a vessel of more than 15 m in length without a bow thruster shall use the assistance of a tugboat for mooring work

Entering and leaving prohibitions

wind speed over 15 m/s, NE – SE direction

wave height alongside quay is above 1 m

visibility under 50 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)		
			40.0	15.0	2.7	small craft facilities	throughout the year
1	42.0	3.0				general, ramp	
2	40.8	2.9				general	
3	25.6	2.5				general	
4	20.3	2.2				general	
5	56.0	1.5				general	
6	24.0	1.8				floating	
7	18.6	1.1				floating	
8	26.0	1.2				floating	

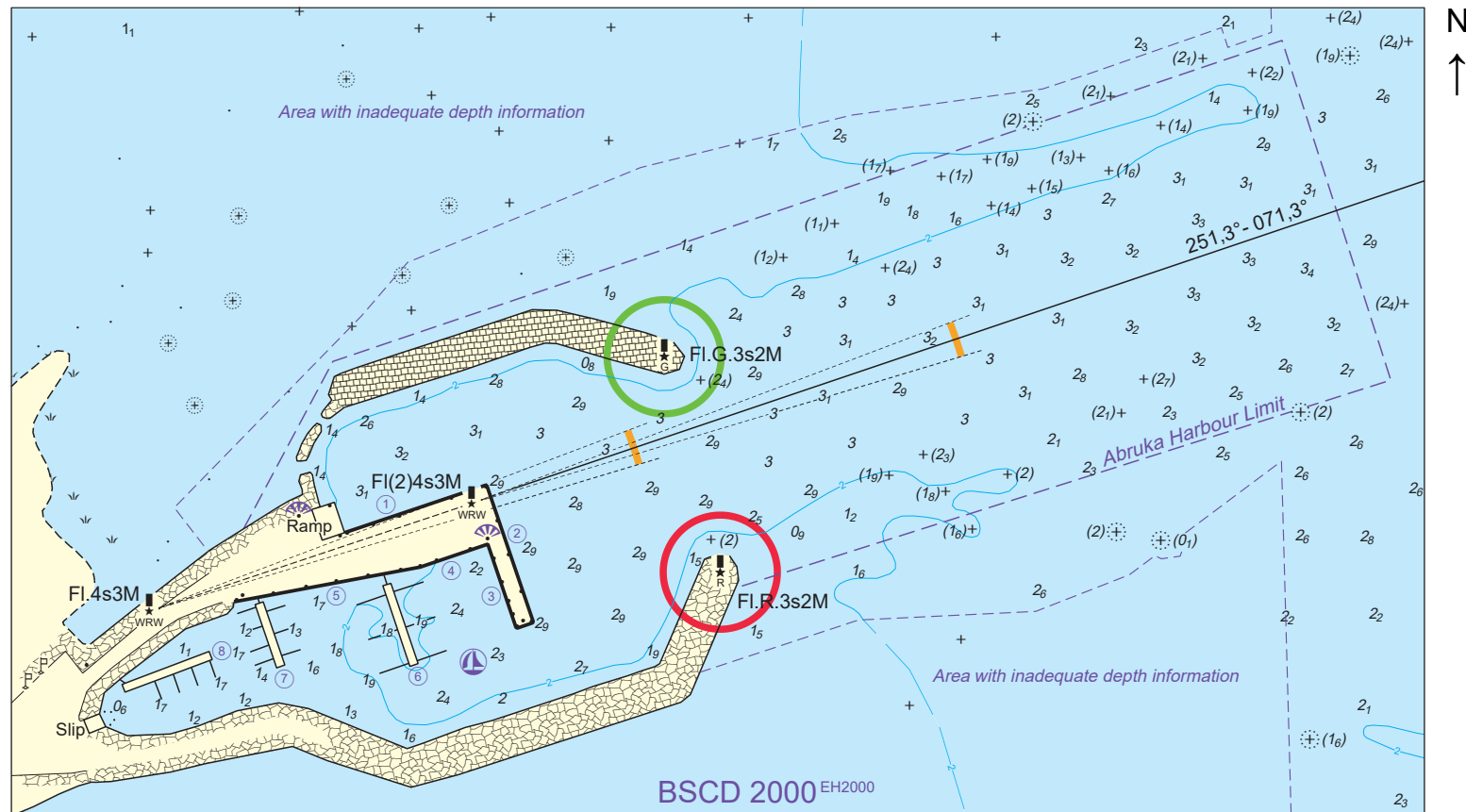
Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1		*				*	Wi-Fi
2		*				*	Wi-Fi
3		*				*	Wi-Fi
4		*				*	Wi-Fi
5		*				*	Wi-Fi
6		*				*	Wi-Fi
7		*				*	Wi-Fi
8		*				*	Wi-Fi

General

sauna, toilet, laundry

Abruka sadam (2024)



N
↑

Abruka sadam (2023)



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

Roomassaare sadam approach (depths BSCD2000^{EH2000})

Navigational aids

Roomassaare Idg.I. 321.5° - 141.5°
Roomassaare Idg.I. front light beacon (961/3622)
Roomassaare Idg.I. rear light beacon (962/3622·1)
Roomassaare harbour pier light beacon (965/3622·6)
Abruksa safe water buoy (969/-)
Roomassaare harbour Idg.I. 351.4° - 171.4°
Roomassaare harbour Idg.I. front light beacon (963/3622·5)
Roomassaare harbour Idg.I. rear light beacon (964/3622·51)
Roomassaare yacht harbour W mole light beacon (966/3622·55)
Roomassaare yacht harbour E mole light beacon (967/3622·56)
Roomassaare safe water buoy (959/-)
lateral marks

Hazards

in the vicinity there are underwater rocks and unmarked shoals

Channel

length 1670 m
width 80 m
depth 5.2 m

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
small craft in vessel traffic must keep away as far as possible from the center line as allowed by their own
safe navigation

(PR) **Roomassaare sadam** 58°12.80'N 22°30.60'E (<https://saarteliinid.ee/en/roomassaare/>)

Communication channels

VHF 14 — Roomassaare sadam

Pilot service

pilotage is compulsory, except for small craft
boarding place 58°08'N 022°25'E

Restrictions

minimal speed maintaining manoeuvrability
tugboat service within the port waters is mandatory for ships without a bow thruster and for ships with a length of 100 m and over
small craft is not permitted to move closer than 30 m to the quays or ships alongside except for berthing themselves
Entering and leaving prohibitions
wind speed over 15 m/s
visibility under 5 cables
Maneuver
remooring is allowed only with the permission of the harbour master's office
pilotage is compulsory for remooring a vessel, except hauling

Real time weather

www.ilmateenistus.ee/meri/vaatlusandmed/roomassaare/graaifikud/?lang=en

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)		
			120.0	20.0	4.8	commercial shipping	throughout the year
1	121.0	5.2	120.0	20.0	4.6	cargo	
2	52.0	4.5	52.0	20.0	4.6	small craft, ramp	
3	23.0	5.1	23.0	20.0	4.6	small craft	
4	205.0	4.9	120.0	20.0	4.6	cargo, ramp	
Yacht harbour							
						small craft facilities	
5	16.0	2.7	20.0	4.0	2.6	yachts	
6	51.0	2.9	30.0	10.0	2.6	small craft	
7	25.0	3.0	20.0	10.0	2.6	service	
8	98.0	2.5	20.0	4.0	2.2	floating	
9	50.0	1.8	10.0	4.0	1.6	floating	
10	79.0	1.8	30.0	10.0	1.6	small craft	

Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1			*	*		*	
2		*	*	*		*	
3		*	*	*		*	
4		*	*	*	*	*	
5	*	*			*	*	Wi-Fi
6		*	*			*	Wi-Fi
7		*	*	*		*	Wi-Fi
8		*				*	Wi-Fi
9		*				*	Wi-Fi
10		*	*			*	Wi-Fi

General

daily service-request for toll and border check 24 H

food and veterinary inspection on request

cargo storage

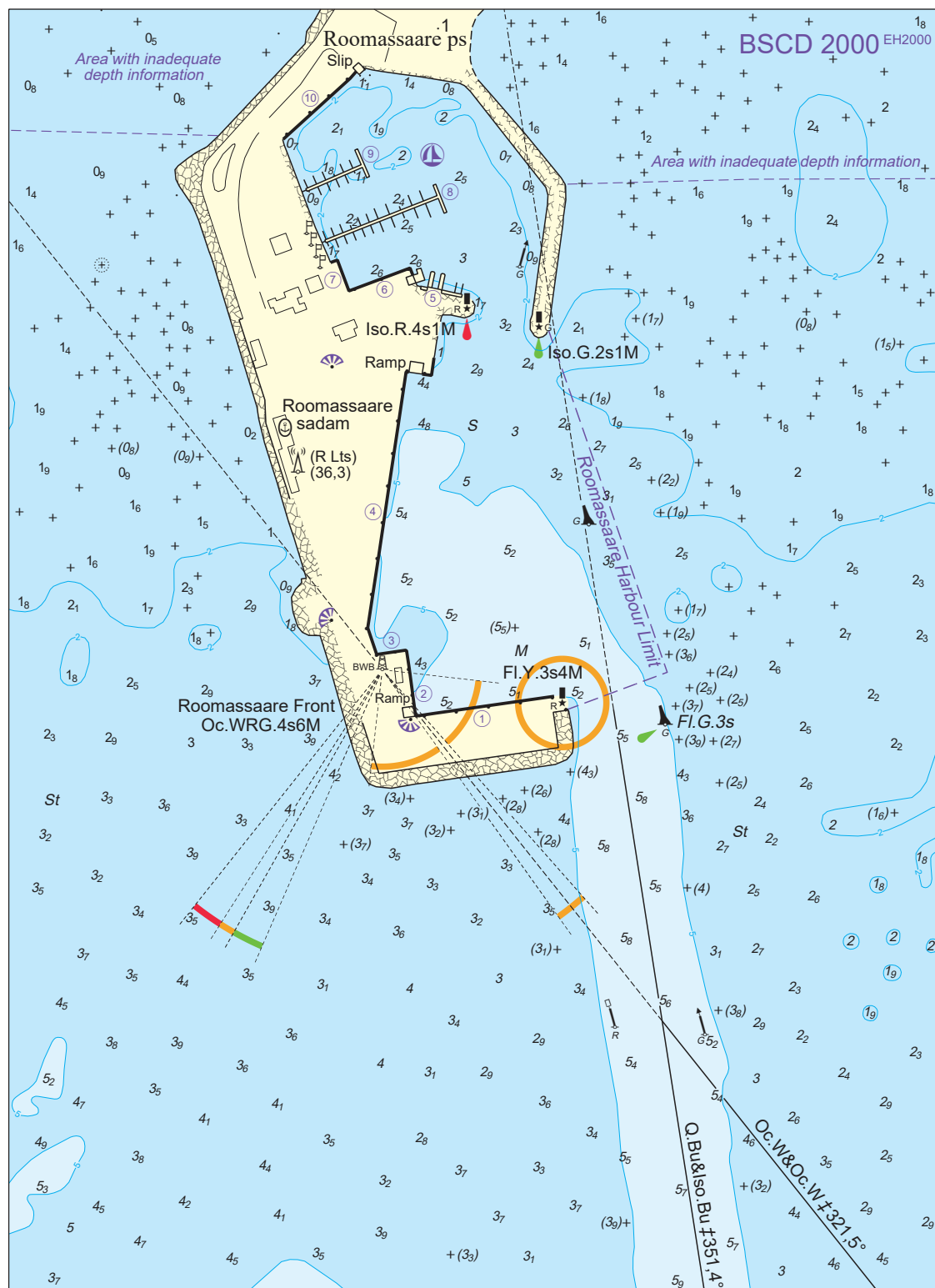
icebreaking service

garbage and waste reception

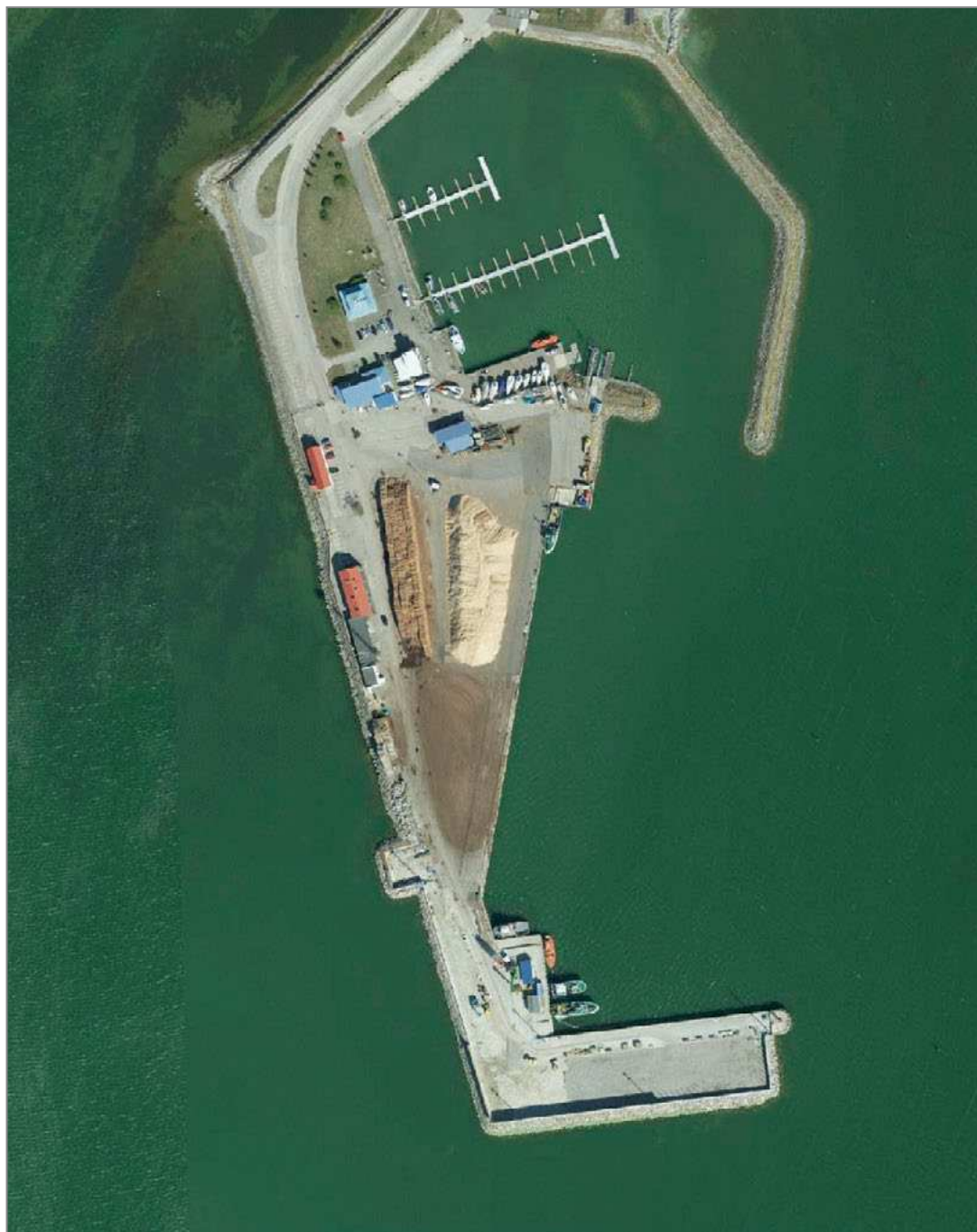
toilet

yacht harbour: sauna, laundry, toilet, garbage reception

Roomassaare sadam (2026)



Roomassaare sadam (2022)



aerial panorama - www.estonia360.ee/roomassaare/ (2012)
www.estonia360.ee/roomassaare_sadam/ (2012, winter)

Tammiku-Muratsi boat harbour 58°14,83'N 22°32,81'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Muratsi sadam approach

Restrictions

local knowledge required

(PR) Muratsi sadam 58°13.81'N 22°34.60'E (www.muratsi.ee/) (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)		
			8.0	1.5	1.0	local harbour	01.03 - 31.10
1	5.0	1.3				small craft	
slip							
2	28.0	1.6				floating	

Facilities

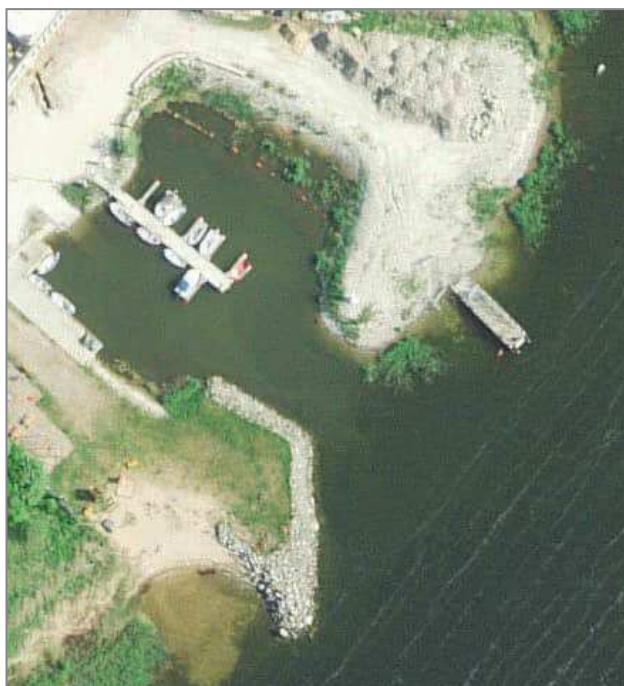
Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1							
2						*	

General

garbage reception

toilet

Muratsi sadam (2023)



Ranna-Kopli boat pier 58°13.71'N 23°39.15'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Küüni-Laheküla boat pier 58°13.86'N 23°39.19'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

(PR) Kärsa sadam 58°14.40'N 22°44.30'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)		
			8.0	2.5	1.0	local harbour	01.05 - 31.10
1	10.0	1.8					
2	54.0	0.3					
3	93.0	1.6					
slip							

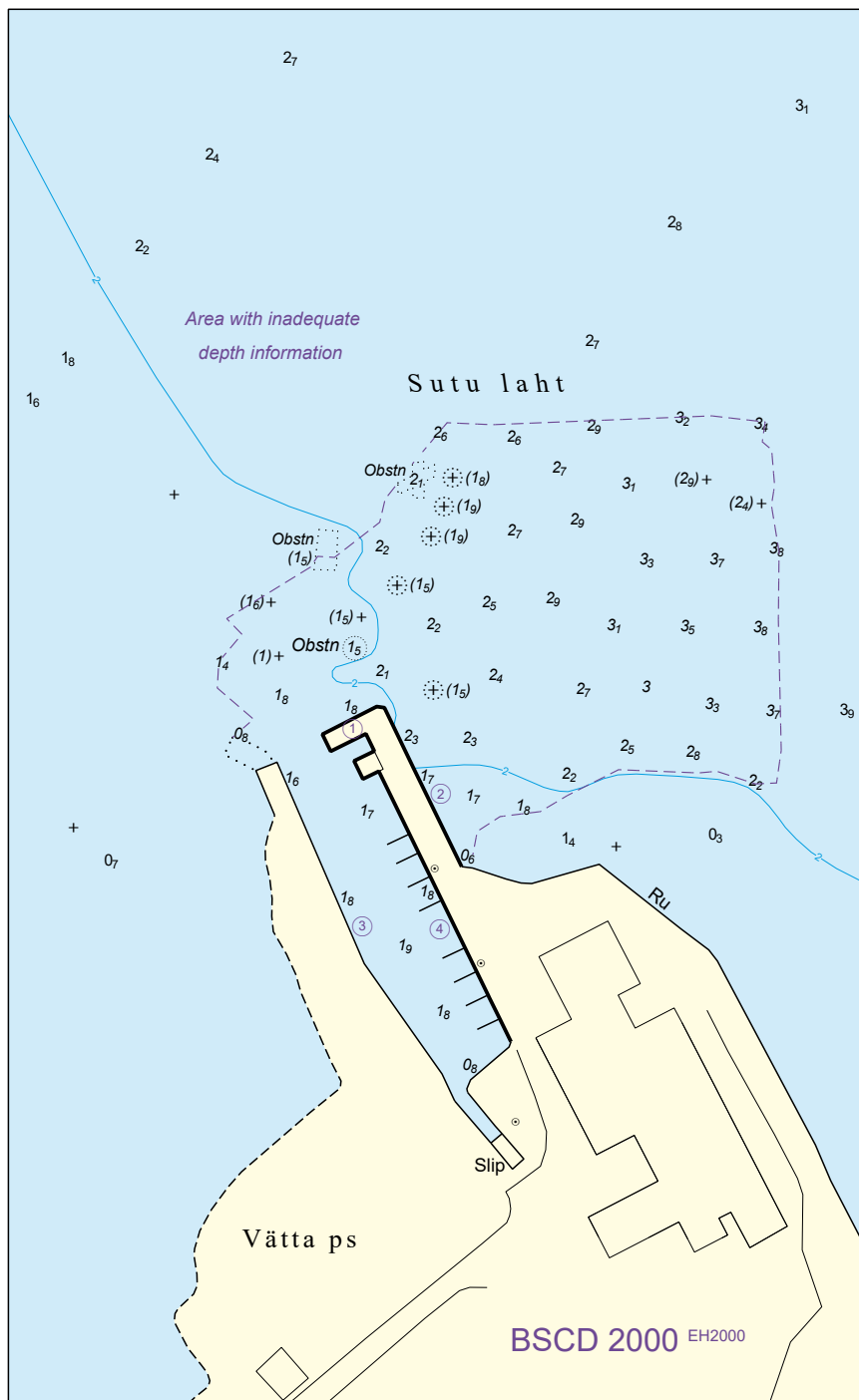
Facilities

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

General

garbage reception

Kärša sadam (2021 v2)



Kärša sadam (2023)



Kuusiku-Sutu boat pier 58°16.74'N 22°42.82'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

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)+LFI.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

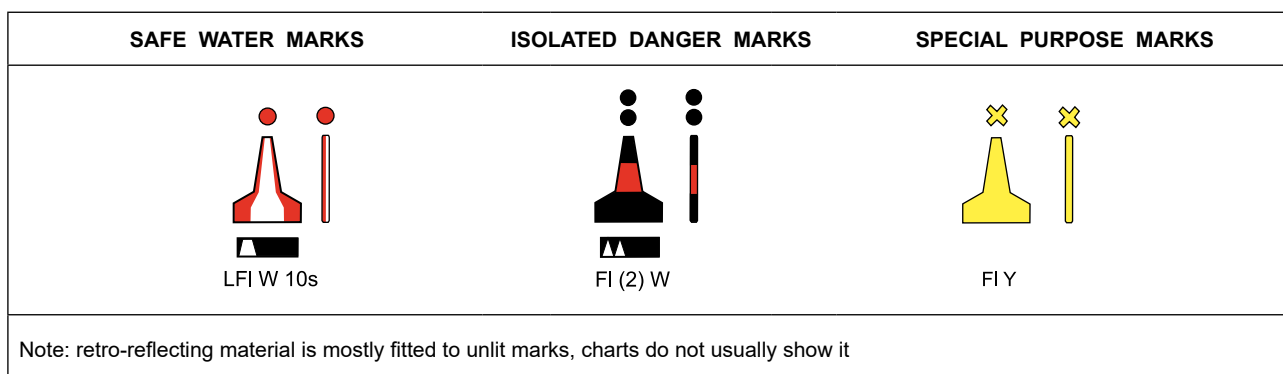
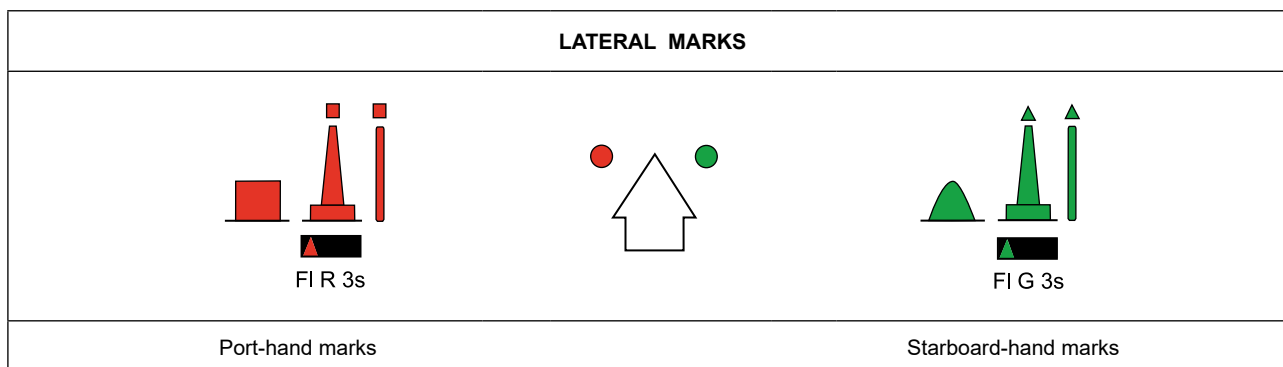
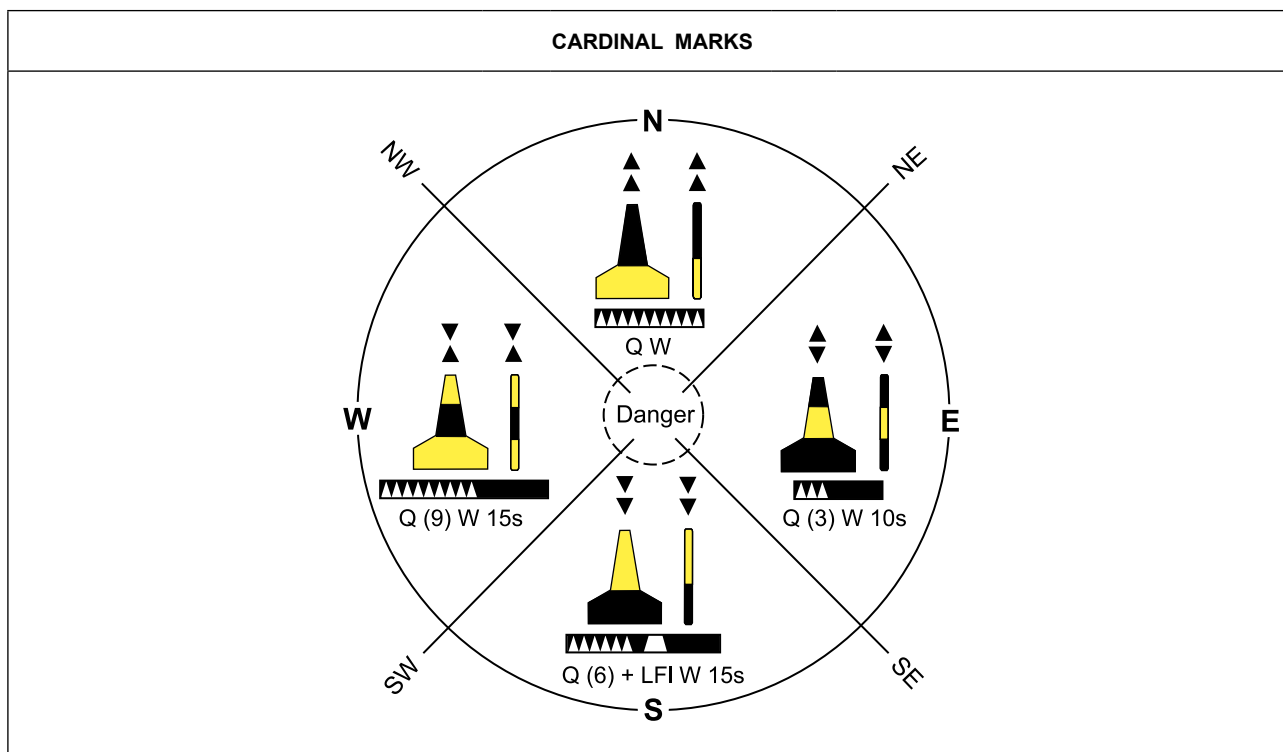
Body: yellow
Topmark (if any): yellow x



Fl.Y

yellow light

COLOUR SCHEME



ESTONIAN MARITIME COMMUNICATION

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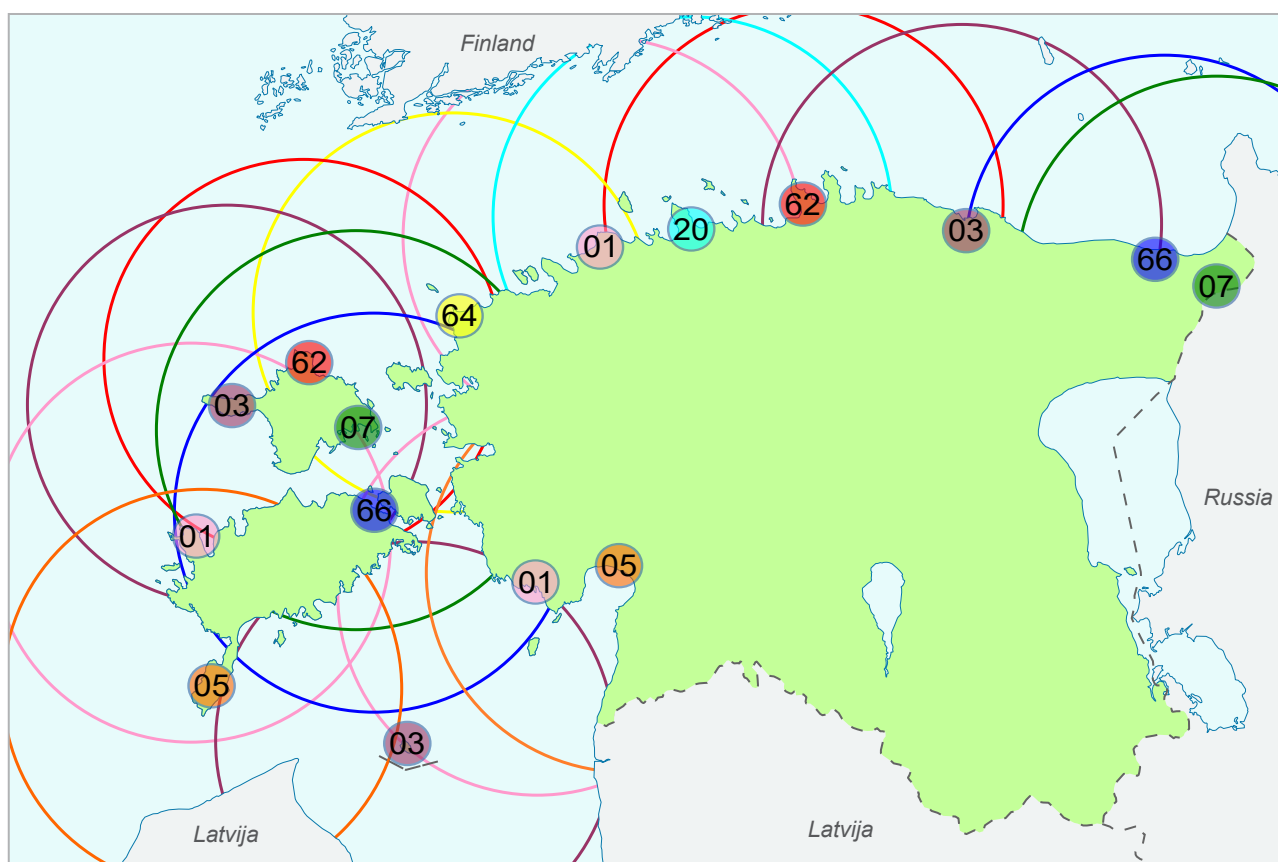
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scheme of the base stations



○ - Tallinn Radio base stations and VHF duplex working channels