



REPUBLIC OF ESTONIA
TRANSPORT ADMINISTRATION

Sailing Directions for Estonian Waters

part 1
Gulf of Riga

1.2 Säätetüki lighthouse to Väinameri S
pilot boarding place

Updated 01.08.2025

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Cartography Department

Sixth release January 2022

Copies of aerial photographs Estonian Land Board 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 www.transpordiamet.ee/en/height-system-eh2000

NAVIGATIONAL INFORMATION

Web application Nutimeri

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

Fairway route points:

www.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

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e-mail

maritime.security@transpordiamet.ee

NOTATION OF AMENDMENTS

year 2023, changed pages: 3, 14, 30, 41, 42

6th release

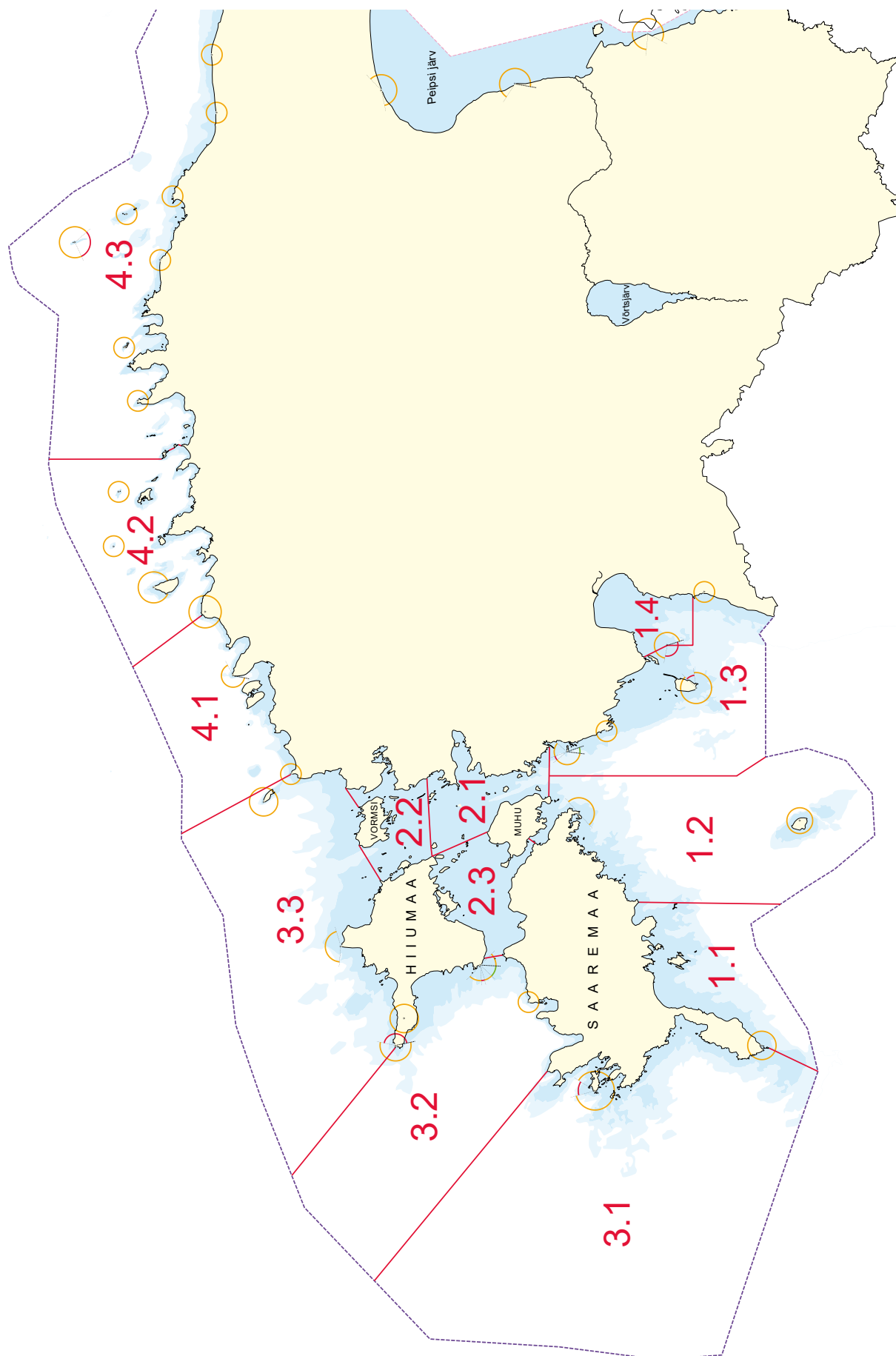
2025

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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

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>

Estonian Maritime Rescue Organization

<https://sar.ee> (in Estonian only)

Gulf of Riga

area describing information in part 1.1

Climate and weather

area describing information in part 1.1

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

Regions

1.1 Sõrve poolsaar to Sääretüki lighthouse

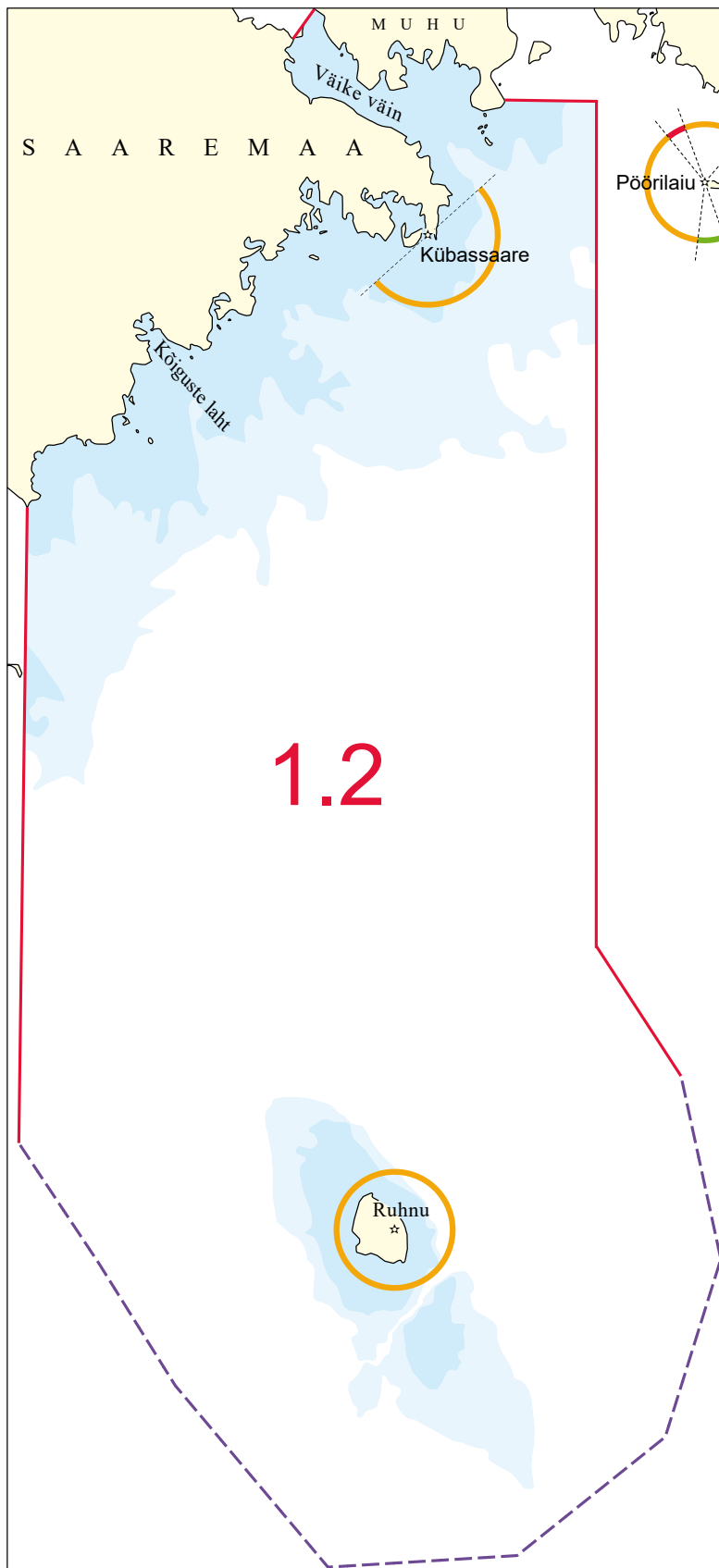
1.2 Sääretüki lighthouse to Väinameri S pilot boarding place

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1.3 Väinameri S pilot boarding place to Sorgu S buoy

1.4 Sorgu S buoy to Pärnu laht

1.2 SCHEME OF THE MARITIME AREA



1.2 marine area navigational charts

Estonian Maritime Administration chart No	INT chart No	Scale
305	1215	250 000
519	1272	100 000
513		100 000
516	1271	100 000
628	1126	50 000
636		50 000
626		50 000
621		50 000
634		50 000
637		50 000
781		25 000

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

1.2 Sääretüki lighthouse to Väinameri S pilot boarding place

Vicinity

B a y s

Bay	Position, area limits	Description	Restrictions
Laidevahe laht	58°18.4'N 22°52.0'E	shallow, 0.8–1.0 m, overgrown with vegetation, hidden, rich in islets, nature protection area	Laidevahe MR (*)
Kõiguste laht	58°21.8'N 22°58.5'E	depths at bay entrance 6–6.5 m, shallow, seafront covered with reeds, rocky coastal bank, bottom gravel	
Kunnati laht	Kõiguste laht N part	shallow, rocky, seafront covered with reed	
Ärmbu abajas	58°21.8'N 23°01.1'E	depths less than 1 m	
Soolaht	58°21.9'N 23°02.1'E	shallow, rocks	
Tepu laht	58°23.1'N 23°02.7'E	depths less than 2 m	
Tagulaht	Tepu laht N part	shallow, rocky	
Mäenõmme laht	58°24.1'N 23°04.9'E	shallow	
Kolli laht	58°25.0'N 23°05.8'E	depths at the entrance 2–2.5 m	
Suur silm	Kolli laht W part	shallow	
Tulitu	Kolli laht WNW part	shallow	
Solgi abajas	Kolli laht ENE part	shallow	
Ira abajas	58°24.9'N 23°06.8'E	shallow	
Jõesuu abajas	58°25.8'N 23°07.9'E	shallow	
Sea abajas	58°26.4'N 23°09.0'E	shallow	
Tirbilõpp	58°26.3'N 23°12.30'E	shallow	
Kõllupõhi	58°26.8'N 23°11.5'E	shallow, poorly visible	
Unguma laht(*)	58°27.0'N 23°09.6'E	poorly visible, depths 2–2.5 m, bottom muddy and clay, inlets	
Selkkaretagune	Unguma laht S part	shallow	
Noodakoppel	Unguma laht SSW part	shallow	
Kotkalõugas	Unguma laht SW part	shallow	
Selkkarealune	Unguma laht centre part	shallow	
Liiaslõpp	Unguma laht NW part	shallow	
Punane meri	Unguma laht NW part	shallow	
Lehmameri	Unguma laht NE part	shallow	
Kiudu laht	Unguma laht N part	shallow	
Kiudu lõpp	Unguma laht N part	shallow	
Udriku laht	58°26.6'N 23°15.8'E	depths less than 3.5 m in navigable area; lots of inlets, ledges; low and marshy seafront	
Muraja laht	Udriku laht WSW part	shallow	
Ulle lõpp	Udriku laht WSW part	shallow	
Litsilõpp	Udriku laht NNW part	shallow	
Nõudla	Udriku laht ENE part	shallow	

(*) - operating an engine powered watercraft is prohibited from 01.03 - 31.08 in the water area of 200 m of the surrounding islets within the limits of the limited management zone and special management zone

(*) - shown as Kiudu lõpp on some charts

Vicinity B a y s (to be continued)

Bay	Position, area limits	Description	Restrictions
Väike väin, S part	58°32'N 23°11'E	depths at the entrance 13–15 m, depths at N part predominantly under 3 m; bottom rocky, at depths less than 1 m lots of ledges	
Põikvere lõpp	bay of Väike väin	shallow, sandy shoals, rocks	
Nenu	bay of Väike väin	shallow	
Leetse	bay of Väike väin	shallow	
Kuuralõpp	bay of Väike väin	shallow	
Pädaste laht	bay of Väike väin	shallow	
Simisti lõpp	bay of Väike väin	growing slowly deeper, depths 1.5–2 m; bottom muddy, cracky limestone covered with sediments	
Rässa lõpp	bay of Väike väin	shallow	

H a z a r d s

Bay	Hazard	Least depth (m)	Position N/E		Navigational aid	No	Notes
	wreck of torpedo boat	unknown	58°07.76'	22°54.57'			danger zone radius 500 m
	unnamed	1.2	58°16.58'	22°56.21'			
	unnamed	1.0	58°16.51'	22°56.96'			
	unnamed (rock)	1.5	58°15.74'	22°57.23'			
	unnamed (rock)	3.2	58°15.66'	22°59.05'	S buoy	984	
	unnamed	unknown	58°19.95'	22°58.01'			
Kunnati laht	unnamed (rock)	unknown	58°22.27'	22°57.56'			
Kõiguste laht	unnamed	0.9	58°21.27'	22°58.75'	E spar buoy	3224	
	unnamed	2.3	58°20.79'	22°59.68'	W spar buoy	3223	
	unnamed	0.2	58°20.24'	23°01.28'			
	unnamed	0.5	58°19.85'	23°02.32'			
	unnamed	3.3	58°18.47'	23°04.60'	S buoy	985	
	unnamed	1.2	58°22.05'	23°05.16'			
E approach to Tepu laht	unnamed (rock)	unknown	58°22.43'	23°04.94'			
	unnamed	0.7	58°22.39'	23°05.56'			
	unnamed (rock)	unknown	58°21.44'	23°07.61'			
	unnamed	3.8	58°20.68'	23°09.63'	S buoy	986	
	unnamed (rock)	unknown	58°23.65'	23°07.21'			
Kolli laht	unnamed (rock)	unknown	58°24.66'	23°05.94'			
	unnamed (rock)	unknown	58°25.75'	23°08.21'			
	unnamed (rock)	unknown	58°24.61'	23°10.49'			
	unnamed	1.6	58°23.24'	23°11.05'			
S approach to Kõllupõhi and Unguma laht	unnamed	0.3	58°25.13'	23°11.38'			
S approach to Kõllupõhi and Unguma laht	unnamed	1.1	58°25.33'	23°11.70'			
SE approach to Kõllupõhi and Unguma laht	unnamed	1.2	58°25.41'	23°12.58'			

Vicinity Hazards (to be continued)

Bay	Hazard	Least depth (m)	Position N/E		Navigational aid	No	Notes
	wreck	unknown	58°25.60'	23°13.98'			
SE approach to Kõllupõhi and Unguma laht	unnamed (rock)	0.7	58°25.42'	23°13.83'			
approach to Udriku laht	wreck	unknown	58°25.26'	23°15.49'			
SE approach to Udriku laht	unnamed	1.0	58°24.95'	23°16.29'			
Udriku laht	unnamed (rock)	unknown	58°26.70'	23°16.31'			
Udriku laht	unnamed (rock)	unknown	58°26.71'	23°16.52'			
Udriku laht	unnamed (rock)	unknown	58°26.21'	23°17.41'			
	unnamed	3.1	58°22.90'	23°17.85'	S buoy	988	
Väike väin	unnamed	0.7	58°30.47'	23°17.15'			
	spoil ground	unknown	58°30.00'	23°28.50'			
	unnamed	6.5	58°29.64'	23°30.47'	W buoy	829	
	unnamed	0.8	57°49.04'	23°12.32'			
	unnamed shoal	0.9	57°49.02'	23°11.26'			
	unnamed	2.0	57°46.75'	23°16.43'			
	unnamed	4.0	57°41.20'	23°19.94'			
	unnamed (rock)	1.4	57°47.96'	23°11.91'			

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
	Prantsuse laid	58°17.89'	22°54.33'	low, rocky, reeds	Laidevahe MR (²)
	Pitknasv	58°17.95'	22°55.09'	low, rocky, reeds	Laidevahe MR (²)
	Munaderahu	58°18.03'	22°55.55'	low	Laidevahe MR (²)
	Allirahu	58°17.95'	22°58.19'	curve shaped, sandy, rocky	
	Vahelmiserahu	58°18.33'	22°57.23'	low	
	Põdvalaid	58°18.73'	22°56.54'	low, rocky, scrub	
	Punningalaid	58°19.47'	22°56.86'	low	
	Säinakare	58°19.62'	22°56.85'	low, rocky	
	Siikare	58°19.71'	22°56.50'	low, scrub, barns	
	Roonasv	58°19.77'	22°56.66'	low, elongated, rocky, sand	
	Kamina sääär	58°20.20'	22°56.96'	low, elongated, sand	
Kõiguste/Kunnati	Kunnati laid	58°22.01'	22°57.70'	narrow ridge, grass, buildings	
Kunnati	Varikasäär	58°22.08'	22°57.46'	low, nooky, grass	
Kunnati	Paelaid	58°22.51'	22°57.43'	low, rocky	
Kunnati	Rooglaid	58°22.76'	22°57.67'	low, rocky	
Kunnati	Siianasu	58°22.52'	22°58.25'	low, rocky	
Kunnati	Ristinasu	58°22.37'	22°58.39'	low, rocky	
	Ülemine nasu	58°21.45'	23°00.94'	low, rocky	
	Kare	58°21.41'	23°01.93'	low	
	Seanina nasu	58°21.56'	23°01.68'	low, rocky	
	Tepu kare	58°22.26'	23°03.04'	low	
	Kullikare	58°24.16'	23°05.65'	low	
	Latikalaid	58°24.47'	23°04.66'	low, sandy, grass	
	Rampsilaid	58°24.62'	23°04.68'	up to 1.3 m high, jagged, grass, bushy	
Kolli laht	Väike Viirelaid	58°24.94'	23°04.64'	low, bushy	
Kolli laht	Suur Viirelaid	58°25.09'	23°05.02'	E coast jagged, up to 5 m high, scrub	
Kolli laht	Virmalaid	58°25.14'	23°05.57'	low, pebbles, grass	
Kolli laht	Töödilaid	58°25.24'	23°06.00'	low, rocky, reeds	
	Iranasu	58°24.80'	23°06.71'	low, pebbles	
	Paelaid	58°24.86'	23°10.01'	low, grass	
	Säärelaid	58°25.80'	23°08.76'	rocky	
	Veonasu	58°25.96'	23°08.92'	low, elongated, rocky	
	Rooglaid	58°26.11'	23°08.60'	low	
	Väike Harklaid	58°26.21'	23°08.64'	low, rocky	
Sea abajas	Harklaid	58°26.27'	23°08.82'	low, rocky	
	Pulgala	58°26.13'	23°09.53'	low, grass	
	Nabralaid	58°26.00'	23°09.97'	low, rocky	
	Valkkare	58°25.79'	23°10.36'	low, narrow, sand, grass	
	Täkunasu	58°25.51'	23°11.03'	low, pebbles	
	Rusulaid	58°26.45'	23°10.11'	low, grass	
(²) - 01.04 - 31.08 human presence on islets within the limits of the special management zone is prohibited					

Vicinity Islands, inlets (to be continued)

Bay	Island, inlet	Position N/E		Description	Notes
Kõllupõhi	Püistenasu	58°26.87'	23°10.86'	low, rocky	
Unguma laht - entrance	Mustnasu	58°26.67'	23°09.64'	low, pebbles	
Selkkaretagune	Silmalaid	58°26.99'	23°10.49'	low, rocky	
Selkkaretagune	Kadagasäär	58°26.92'	23°09.13'	low, pebbles	
Selkkaretagune	Suurlaid	58°27.17'	23°09.42'	low, sand, pebbles, rocks	
Selkkaretagune/ Selkkarealune	Atuka laid	58°27.21'	23°08.86'	low, rocky	
Selkkarealune	Pitklaid	58°27.32'	23°09.50'	low, sand, pebbles	
Liiaslõpp/ Punane meri	Rooglaid	58°27.59'	23°08.66'	low, rocky	
Kiudu laht	Kalmelaid	58°27.95'	23°09.35'	low, rocky	
	Riiasilma	58°25.78'	23°14.02'	low, rocky	
Udriku laht - entrance	Udriku laid	58°25.45'	23°16.79'	up to 5 m high, grass, scrub, fields	
Udriku laht	Tumalaid	58°26.39'	23°16.91'	low, grass, scrub	Kübassaare MR ⁽³⁾
Udriku laht	Põiksäär	58°26.50'	23°16.79'	ledge of pebbles	Kübassaare MR ⁽³⁾
Udriku laht	Pihlaid	58°26.58'	23°16.86'	low, scrub	Kübassaare MR ⁽³⁾
Udriku laht	Anekäbr	58°26.56'	23°15.27'	low, grass	
Udriku laht	Väike Poldilaid	58°26.62'	23°15.18'	low, reeds	
Udriku/Muraja	Suur Poldilaid	58°26.74'	23°15.02'	low, grass	
Muraja/Litsilõpp	Anulaid	58°27.18'	23°15.44'	low, rocky, grass	
Udriku laht	Rooglaid	58°26.98'	23°16.37'	low, reeds	
Udriku laht	Kõrgelaid	58°26.89'	23°16.52'	low	
Udriku/Nõudla	Aavilaid	58°26.86'	23°17.71'	low, grass	
Udriku laht	Süsimäe nasu	58°26.46'	23°17.47'	low, rocky, reeds	
	Pauvanasu	58°25.39'	23°18.48'	low, rocky	
Väike väin - entrance	Pühadekare	58°29.12'	23°22.43'	low bank, rocky, grass	
Väike väin - entrance	Pitskele	58°29.27'	23°22.19'	low, elongated, rocky	
Väike väin	Neolaid	58°31,39'	23°16,28'	low, grass, scrub	
Väike väin	Muhukare	58°30,92'	23°15,36'	low, pebbles	
Väike väin	Pärnakare	58°32,44'	23°11,88'	low	
Väike väin/Leetse	Umbnasu	58°31,75'	23°08,15'	low, circular, grass	
Väike väin	Kõpussaare nasu	58°32,47'	23°08,38'	low	
Pädaste laht	Laasikse laid	58°32,36'	23°16,88'	low, elongated, grass	
Pädaste laht	Juudikselaid	58°32,40'	23°16,59'	low, circular, grass, scrub	
Pädaste laht	Sepakare	58°32,45'	23°15,76'	low, sand, reeds, scrub	
Pädaste laht	Olevikare	58°32,73'	23°16,38'	low, rocky	
	Viirelaid	58°32,61'	23°25,94'	4.5 m high, grass, scrub, covered with broad-leaved trees	
	Ruhnu saar	57°48,08'	23°14,65'	forest covered NE part is rising to a height of 28 m; low SW part is covered with scrubby meadows; ESE-SE beach of the island is covered with sand dunes	

⁽³⁾ - 01.04 - 15.07 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
	Säätetüki lighthouse	977/3627	
Allirahu	Kõiguste-Allirahu light beacon	980/3628	
	Kübassaare lighthouse	987/3630	
	Pöörilaid lighthouse	830/3631	
Viirelaid	Viirelaid lighthouse	785/3636	
	Virtsu lighthouse	780/3632	
Ruhnu saar	Ruhnu lighthouse	990/3482	

Other marks

Island, inlet	Mark	Position N/E		Notes
	Sakla communication mast	58°21.58'	22°52.76'	aviation obstruction lights
	Mäimäe millhouse	58°22.33'	23°02.21'	
	Laidunina daymark	58°22.77'	23°05.29'	former daymark
	Randvere communication mast	58°24.20'	23°00.51'	aviation obstruction lights
	Kübassaare radar tower	58°25.97'	23°18.32'	aviation obstruction lights
	Talila communication mast	58°30.19'	23°11.36'	aviation obstruction lights
	Tornimäe church	58°30.21'	23°07.26'	
	Virtsu-Uuluti wind turbines (3 pcs)	58°34.01'	23°32.05'	aviation obstruction lights
	Virtsu wind turbines (4 pcs)	58°33.79'	23°30.50'	aviation obstruction lights
Ruhnu saar	Ruhnu church	57°48.37'	23°14.66'	
Ruhnu saar	Ruhnu observation tower	57°48.32'	23°16.21'	
Ruhnu saar	Ruhnu communication mast	57°48.24'	23°15.50'	aviation obstruction lights
Ruhnu saar	Ruhnu radar tower	57°48.02'	23°15.58'	
Ruhnu saar	Ruhnu windmotor	57°46.95'	23°14.99'	aviation obstruction lights

Topography

Coast

from Sääretüki neem to SE end of Kübassaare poolsaar the coast is well indented
the bank is reefy and 1 M wide, approximately
local knowledge obligatory at less than 4 M from the shore

SW coast of Väike väin is covered with forest, high at places
S coast of Muhumaa is covered with forest

between Ruhnu saar and Saaremaa the surface current may reach 0.75 knots

in the outer area of W and SW Ruhnu extend numerous small islets and reefs
breadth of the offshore shoal is 2–3 cables, elsewhere predominantly 1–1.3 M
10 m isobath lies predominantly 1 M from the NE coast, 1.5–1.8 M from S nad W coast, and 3.5 M from N coast
ESE-SE coast is duned sandy beach

between Ruhnu saar and Kihnu saar the surface current may reach 1 knots

Navigation restrictions

Prohibitions

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

in former mine areas anchoring, trawling and dredging are not recommended

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

Fishing

fishing nets (unmarked) occur close to nearshore shoals, within 10 m isobath

Pilot service - transit traffic and harbours in Väinameri

pilotage is compulsory in Väinameri, except for small craft
Väinameri S-N pilot boarding place 58°31'N 23°30'E
radio channel: VHF 12
call sign: Virtsu Loots

Anchorage

Anchorage area	Bottom topography	Notes
Anchorage in Kõiguste laht at both sides of the fairway leading to harbours	sand, clay	
1.5–2.5 cables NE of Pennulaid nina, depths 4–6 m	clay, sand	
4–6 cables NE of Valkkare, depths 4–6 m	clay, sand	
3–4 cables S of Neolaid, depths 4–5.5 m	sand	
middle part of Kaistu lõpe, depths 2.5–3 m	moraine, pebbles	
1.2 M SSW of Viirelaid, depths 5–7 m	sand, clay	
S of Limo neem, 5–8 cables off the coastline		
1 M NW of Holma nina 57°47.2'N 23°12.9'E		

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

Sandla boat harbour 58°17.45'N 22°49.82'E (severely damaged, closed)

Linnurahu boat harbour 58°19.81'N 22°56.19'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Turja sadam approach

Restrictions

local knowledge required

(PR) **Turja sadam** 58°19.97'N 22°55.98'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	3.0	1.0	local harbour	01.05 - 01.11
1	30.0	0.8				fishing	
2	12.0	0.8				floating	

Facilities

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

Turja sadam (2023)



Anni-Kungla boat pier 58°21.71'N 22°57.44'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Kungla sadam approach (depths BSCD2000^{EH2000})

Navigational aids

Kungla harbour mole daymark ([981.1/-](#))

lateral marks

Channel

length 125.0 m

width 10.0 m

depth 0.8 m

(PR) Kungla sadam 58°21.77'N 22°57.28'E (www.kunglasadam.ee/kungla-sadam) (in Estonian only)

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 above 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	1.0	small craft facilities	15.05 - 15.09
1	19.5	0.8				small craft	
2	24.0	0.8				floating	
slip							

Facilities

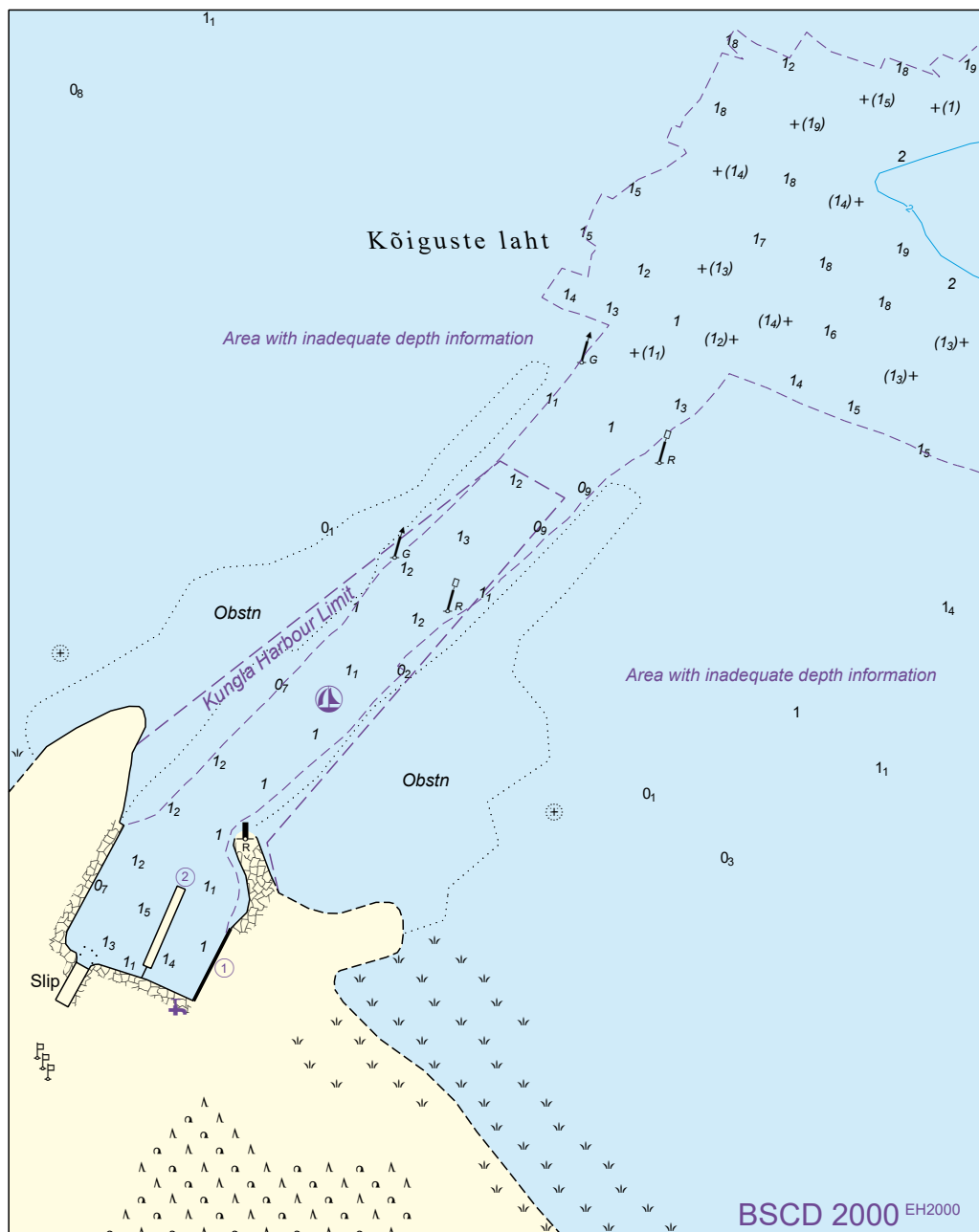
Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1			*	*			
2		*	*	*		*	

General

garbage reception

shower, toilet

Kungla sadam (2021)



Kungla sadam (2015)



Kõiguste sadam approach (depths BSCD2000^{EH2000})

Navigational aids

Kõiguste harbour light beacon (981/-)

lateral marks

Channel

depth 2.5 m

(PR) **Kõiguste sadam** 58°22.13'N 22°58.18'E (www.koigustemarina.com)

Restrictions

speed limit for all vessels is not to exceed 3 knots

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

Entering and leaving prohibitions

wind speed over 15 m/s

wave height above 1 m

visibility under 50 m

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	5.0	2.5	small craft facilities	01.05 - 30.09
1	48.0	2.8				floating	
2	75.0	2.8				floating	
3	30.0	2.8				floating	
slip							

Facilities

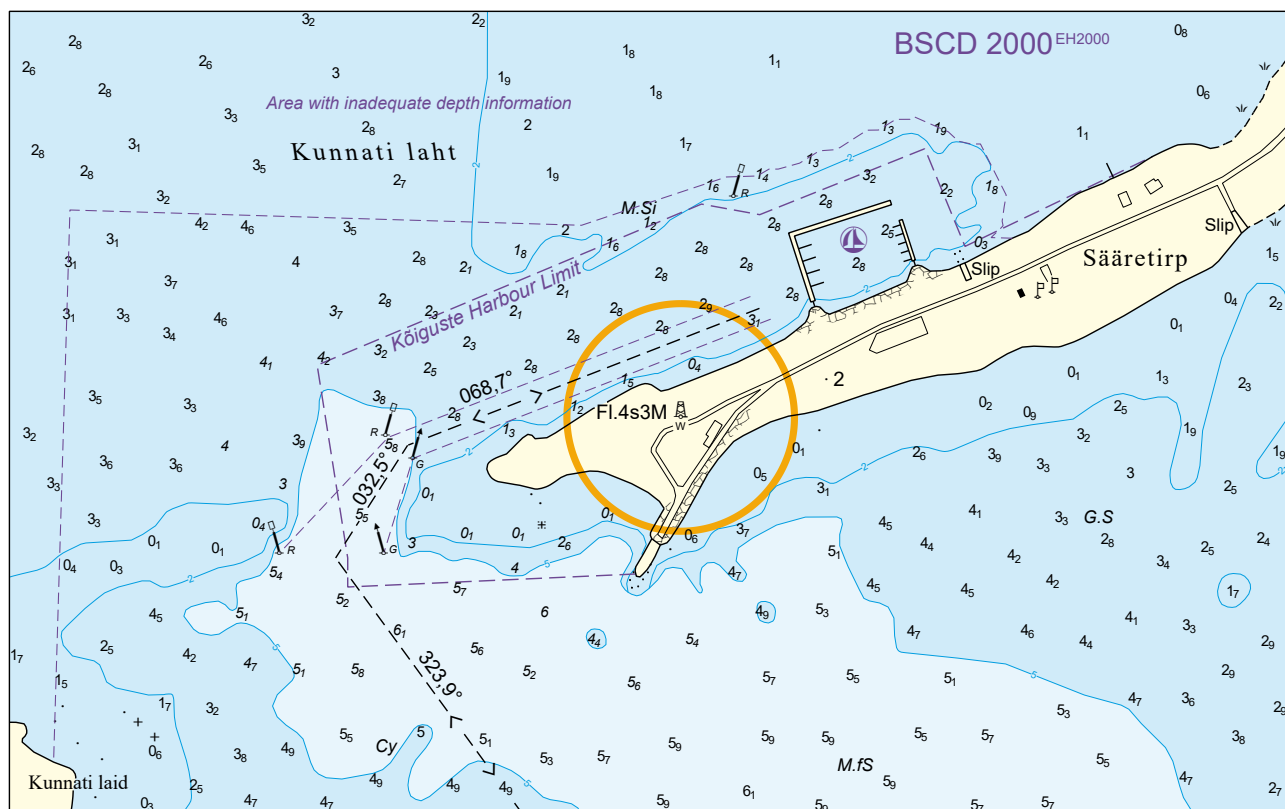
Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1		*				*	Wi-Fi
2		*				*	Wi-Fi
3		*				*	Wi-Fi

General

garbage reception

shower, toilet

Kõiguste sadam (2021)



Kõiguste sadam (2021)



Mäimäe boat harbour 58°22.29'N 23°02.40'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Voo-Ruhve boat harbour 58°22.53'N 23°02.35'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Ruhve sadam approach

Restrictions

local knowledge required

(PR) **Ruhve sadam** 58°22.66'N 23°02.37'E (under reconstruction)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)		
			2.5	1.0	0.3	local harbour	01.05 - 31.10
1		0.8					

Ruhve sadam (2017)



Tulitu boat harbour 58°25.60'N 23°04.68'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Lautri boat harbour 58°25.59'N 23°05.81'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Tammelao boat pier 58°25.41'N 23°07.44'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Kadastiku-Saareküla boat pier 58°26.00'N 23°08.34'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Saareküla boat pier 58°26.05'N 23°08.29'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Luhina boat pier 58°26.07'N 23°08.22'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Tuhina boat pier 58°26.09'N 23°08.17'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Unguma sadam approach

Restrictions

local knowledge required

(PR) **Unguma sadam** 58°27.60'N 23°08.82'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)		
			7.1	2.3	0.5	local harbour	01.06 - 30.08
1	17.0	0.6				fishing	
slip							

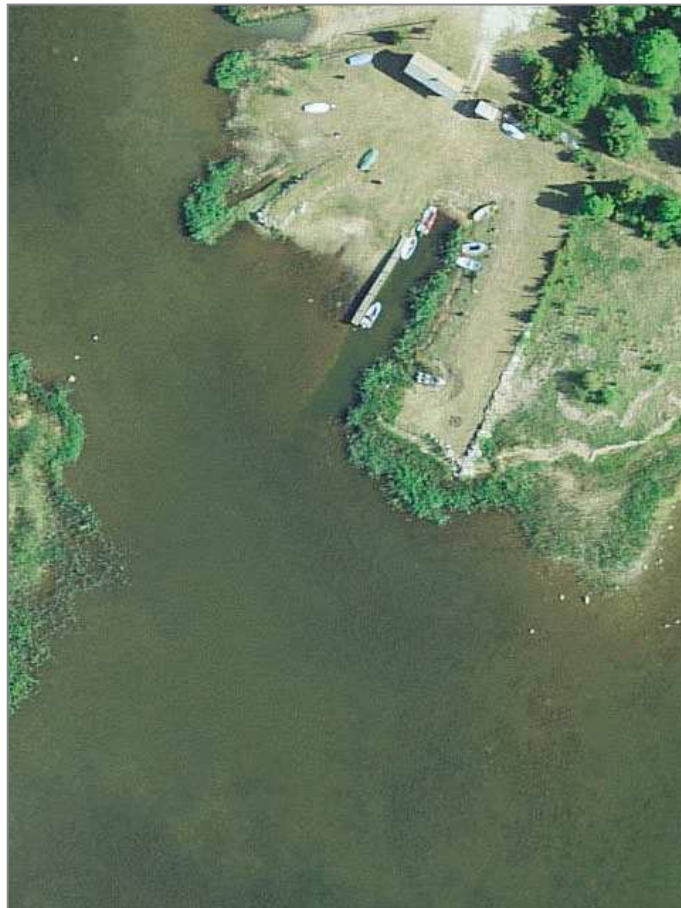
Facilities

General

garbage reception

toilet

Unguma sadam (2023)

**Kalduranna boat harbour** 58°27.22'N 23°16.10'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Kaldu sadam approach (depths BSCD2000^{EH2000})

Strait

width 1.8 m

depth 0.5 m

(PR) **Kaldu sadam** 58°27.24'N 23°16.12'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)		
			6.5	1.5	0.5	local harbour	01.03 - 30.11
1	11.5	0.5				small craft	
2	12.0	0.5				small craft	

Facilities

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

General
toilet

Kaldu sadam (2023)



Lõpesuu sadam approach (depths BSCD2000^{EH2000})
depth 0.6 m

(PR) **Lõpesuu sadam** 58°29.47'N 23°16.15'E (under reconstruction)

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	2.5	0.8	local harbour	01.03 - 30.11
1	20.0	0.6				fishing boats	

Lõpesuu sadam (2015)



(PR) **Pae sadam** 58°29.52'N 23°15.93'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)		
			9.0	2.8	1.0	local harbour	01.03 - 30.11
1	40.0	0.8				fishing	
2	4.5	0.8				floating	
3	4.5	0.8				floating	

Pae sadam (2015)



Valmeranna sadam approach (depths BSCD2000^{EH2000})

Channel 215° (035°)

length 186 m

width 7 m

depth 0.7 m

Natural conditions

filling with sediment

(PR) **Valmeranna sadam** 58°29.79'N 23°13.97'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	2.0	0.7	local harbour	01.05 - 30.11
1	17.6	1.1				fishing boats	
2	23.9	1.1				fishing boats	
3	29.4	1.1				fishing boats	
slip							

Facilities

General

toilet

Valmeranna sadam (2023)



Sitme sadam approach (depths BSCD2000^{EH2000})

Channel

width 5.0 m

depth 0.8 m

(PR) **Sitme sadam** 58°30.66'N 23°11.98'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)		
			4.5	1.5	0.8	local harbour	01.03 - 31.10
slip							
1	17.0	0.8				small craft	
2	18.0	0.8				small craft	

Facilities

General

toilet

Sitme sadam (2021)



Pädaste Mõis harbour approach

Channel 010° (190°)

length 170 m

width 5 m

depth 1.5 m

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Pädaste Mõis harbour 58°32.91'N 23°16.68'E

Mooring

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			5.0				
1		1.5					

Facilities

General

toilet

Pädaste Mõis harbour (2012)



Laasikse-Pädaste boat harbour 58°32.66'N 23°16.95'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Haukaküüdse-Simisti boat harbour 58°32.41'N 23°18.18'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Lõunaranna sadam approach (depths BSCD2000^{EH2000})

Navigational aids

Lõunaranna harbour pier light beacon ([786/3635](#))Lõunaranna safe water spar buoy No 1 ([3178-1](#))Lõunaranna safe water spar buoy No 2 ([3178-2](#))Lõunaranna safe water spar buoy No 3 ([3178-3](#))Lõunaranna safe water spar buoy No 4 ([3178-4](#))

Channel 0.0° (180.0°)

width 22.0 m

depth 2.6 m

lateral marks

[\(PR\)](#) **Lõunaranna sadam** 58°32.46'N 23°19.16'E (www.lounaranna.ee)

Harbour opening hours

10.00 - 20.00

Restrictions

speed limit for all vessels is not to exceed 3 knots

departing vessel has the priority

Entering and leaving prohibitions

wind speed over 15 m/s

wave height above 1 m

visibility under 50 m

Natural conditions

unprotected against strong NE winds

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)		
			17.0	5.0	2.2	small craft facilities	31.05 - 01.09
1	70.0	0.8				small craft	
slip							
2	70.0	1.1				small craft	
3	30.0	1.6				small craft	
4	12.0	2.1				floating	
5	17.0	2.6				floating	
6	15.0	2.6					

Facilities

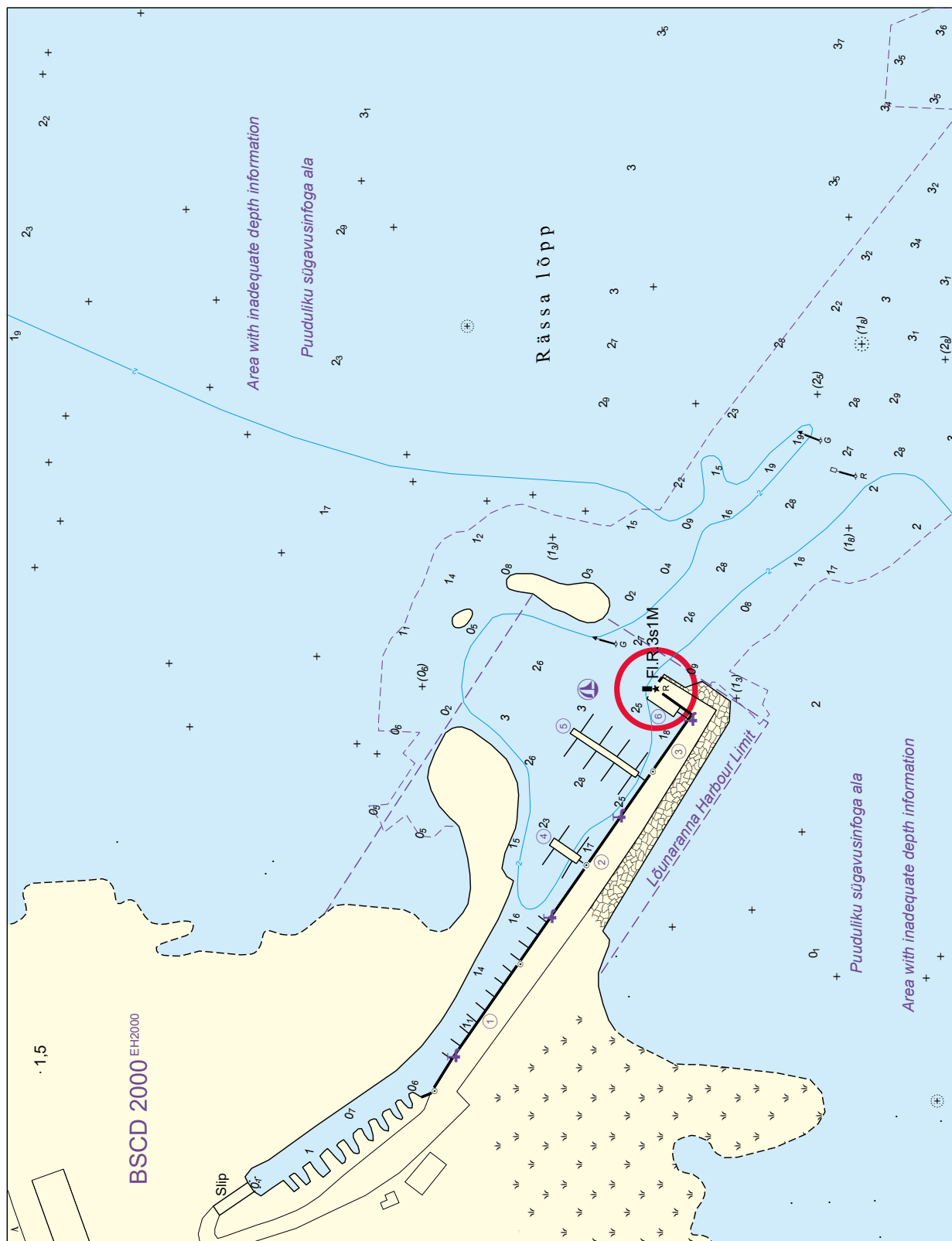
Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1	*	*				*	
2		*				*	
3	*	*				*	
4	*	*				*	
5	*	*				*	
6		*				*	

General

garbage reception

sauna, toilet, laundry

Lõunaranna sadam (2020-2) 



Lõunaranna sadam (2012)



Rässa boat harbour 58°32.75'N 23°19.90'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Ranna-Rässa boat harbour 58°32.60'N 23°20.02'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Ruhnu sadam approach (depths BSCD2000^{EH2000})

Navigational aids

- Ringsu Idg.I. 286.6° - 106.6°
- Ruhnu harbour Idg.I. front light beacon ([994/3482·4](#))
- Ruhnu harbour Idg.I. rear light beacon ([995/3482·401](#))
- Ruhnu harbour E mole light beacon ([992/3482·51](#))
- Ruhnu harbour W mole light beacon ([991/3482·5](#))
- Ruhnu harbour safe water buoy ([996/-](#))
- lateral marks

Channel

- length 1130 m
- width 32 m
- depth 2.8 m
- Restrictions
 - upon 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) **Ruhnu sadam** 57°46.8'N 23°16.3'E (<https://saarteliinid.ee/en/ruhnu/>)

Communication channels

- VHF 11 — Ruhnu sadam

Restrictions

- minimal speed, at which the ship maintains maneuverability, is implemented
- tugboat service within the port waters is mandatory for ships with a length of 15 m and over without a bow thruster
- the ferry following the scheduled timeline always has the priority when entering or leaving the harbour
- Entering and leaving prohibitions
 - wind speed over 15 m/s
 - with S ja SE winds when wind speed is over 7 m/s, wave height alongside the quay rises above 1 m and visibility is 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/ruhnu/?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)		
			30.0	15.0	2.6	commercial shipping	01.05 - 31.12
1(*)	20.0	2.3	30.0	15.0	2.7	general	
2	115.0	2.0				general	
slip							
3	33.0	2.6	30.0	15.0	2.6	general, ramp	
4	33.0	3.0	30.0	10.0	2.6	general	
marina							
5	24.0	2.6	13.0	4.0		floating	
6	40.0	2.5 - 2.7	13.0	4.0	2.6	floating	
7	45.0	2.8	13.0	4.0	2.6	floating	
8	60.0	1.6 - 2.5				floating	
(*) - unsuitable for mooring							

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

garbage and waste reception
sauna, shower, toilet, laundry

Ruhnu sadam (2021)



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

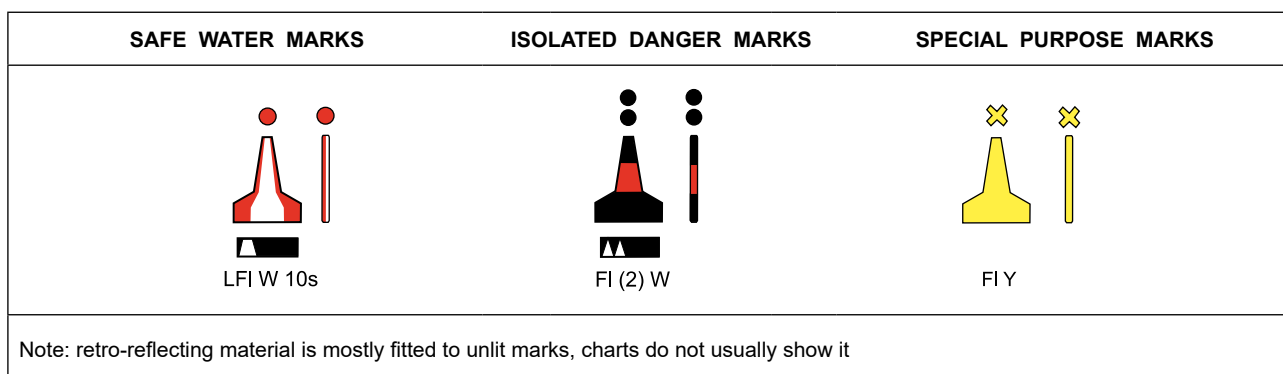
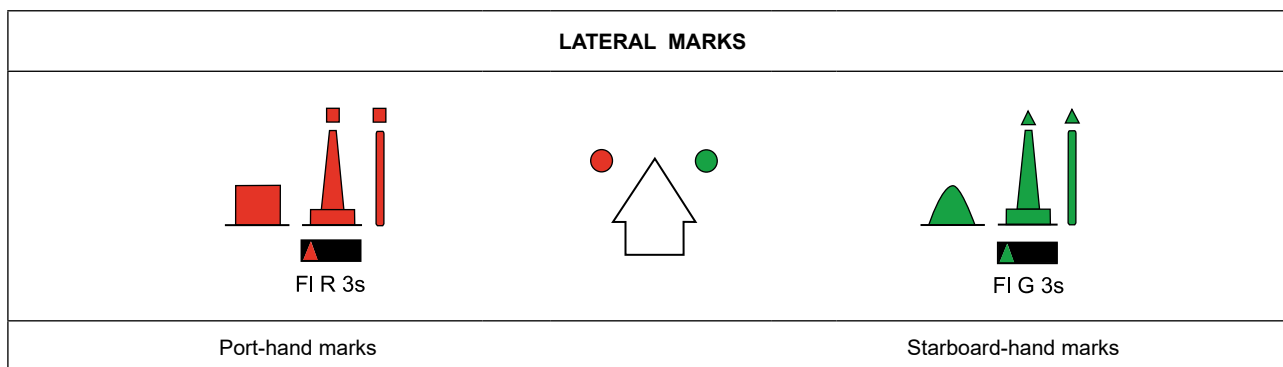
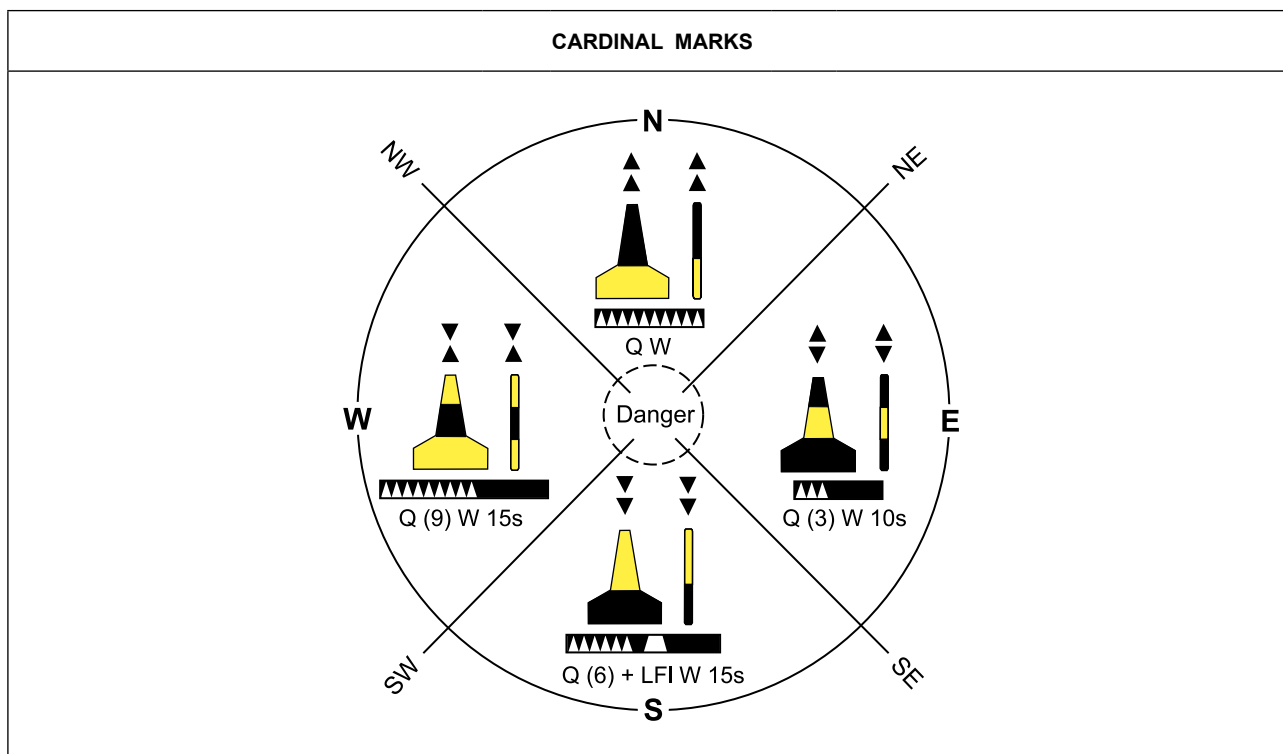
Body: yellow
Topmark (if any): yellow x



Fl.Y

yellow light

COLOUR SCHEME



ESTONIAN MARITIME COMMUNICATION

Tallinn Radio

MMSI

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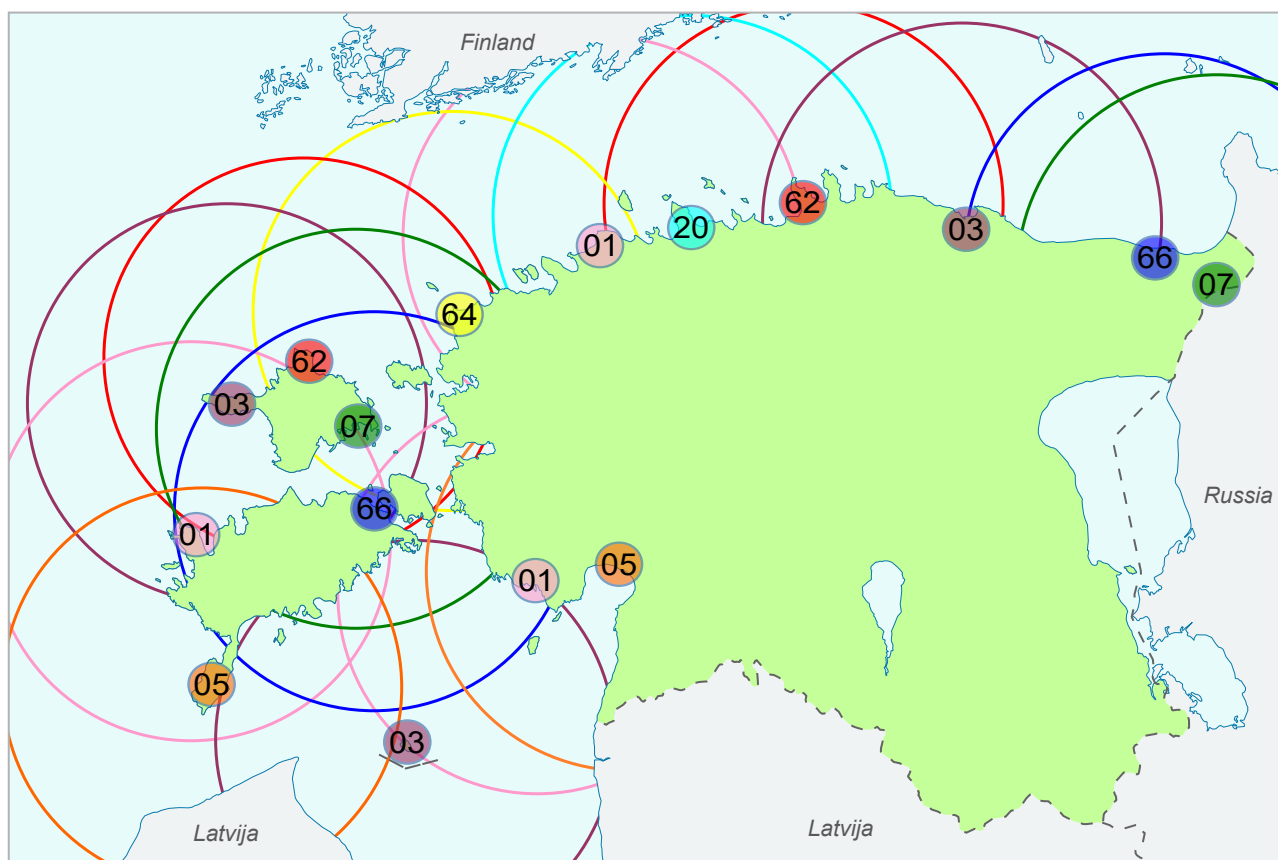
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scheme of the base stations



○ - Tallinn Radio base stations and VHF duplex working channels