REPUBLIC OF ESTONIA
TRANSPORT ADMINISTRATION

Sailing Directions for Estonian Waters

part 3

Baltic Sea

3.3 Kõpu poolsaar to Põõsaspea neem

Updated 01.11.2026

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Cartography Department

Sixth release November 2025

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 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 2025, changed pages:8, 22, 23, 24, 25, 30

6th release

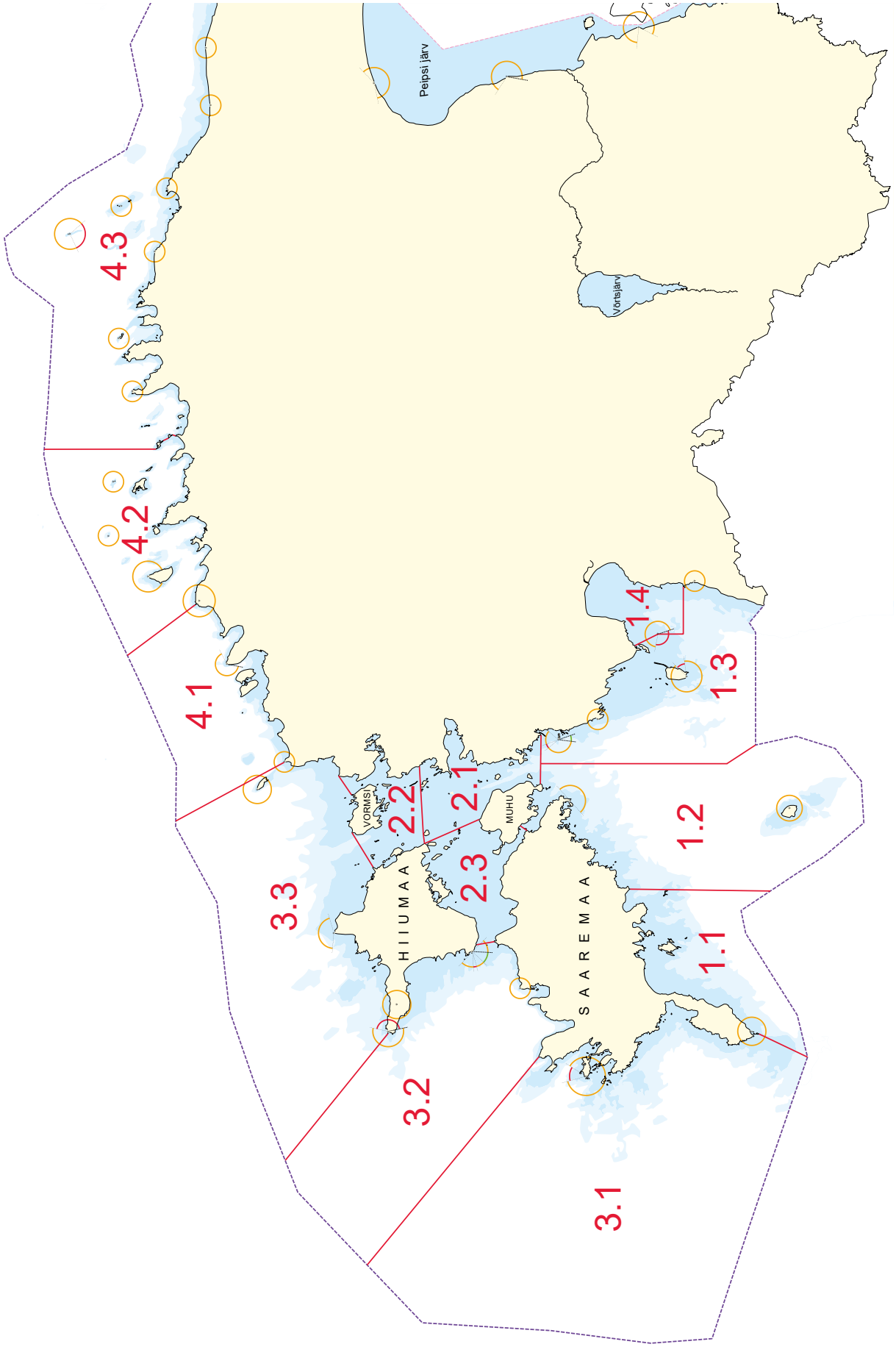
2026

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	
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II						❄																						❄	❄					II
III																				❄								❄			❄			III
IV																																		IV
V																																		V
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VII																																		VII
VIII																																		VIII
IX																																		IX
X																																		X
XI								❄																										XI
XII																																		XII

Month	Page number																															Month
	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51																
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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
- 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

Estonian Maritime Rescue Organization
- https://sar.ee *(in Estonian only)*

Baltic Sea

area describing information in part 3.1

Climate and weather

area describing information in part 3.1

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

Icechart

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

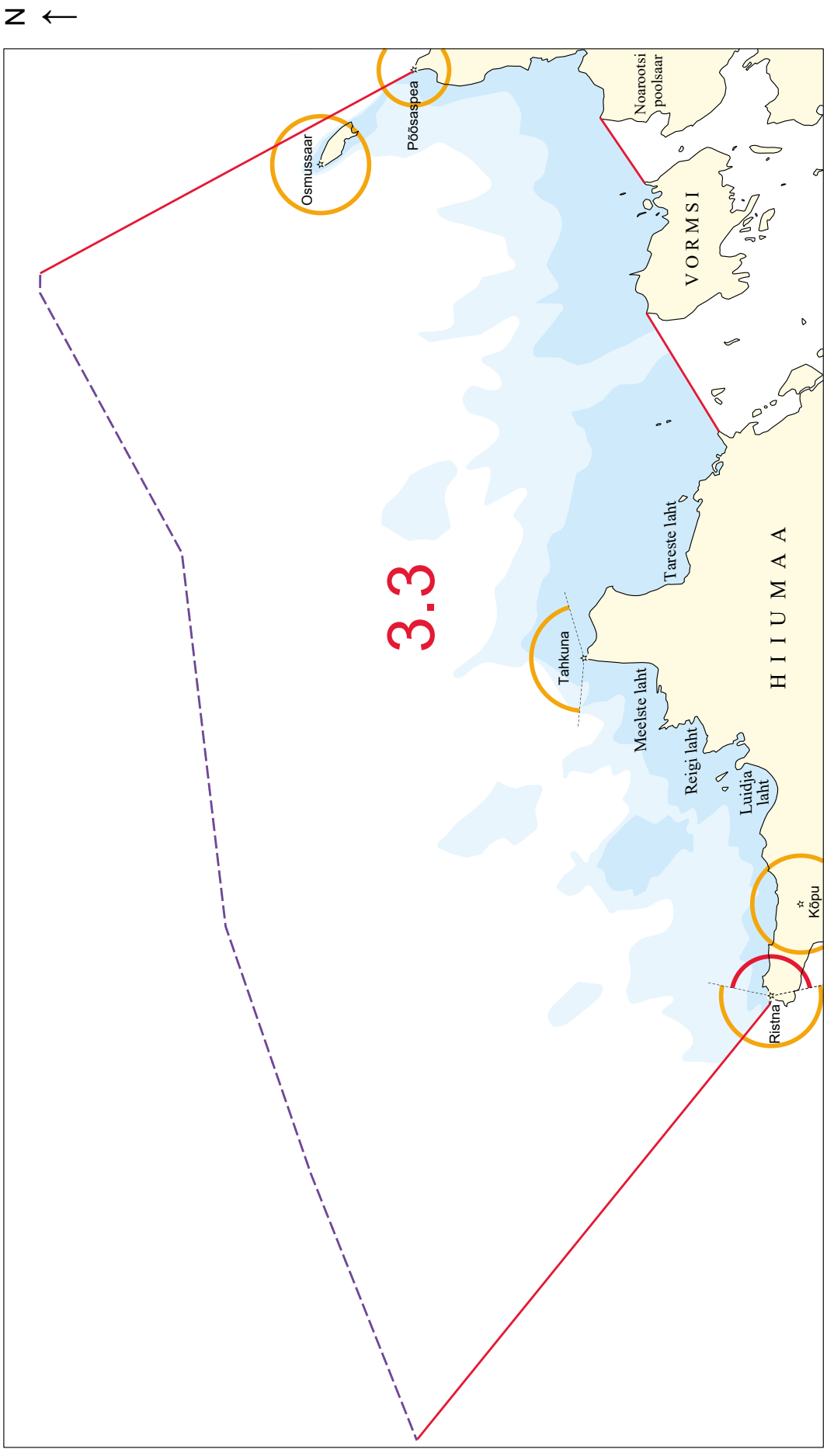
Regions

3.1 Sõrve poolsaar to Undva nina

3.2 Undva nina to Kõpu poolsaar

3.3 Kõpu poolsaar to Põõsaspea neem

Kõrgessaare sadam p 18
Lehtma sadam p 22
Kärdla Vetelpääste harbour p 26
Kärdla sadam p 27
Roograhu sadam p 30
Hiiessaare sadam p 33
Sõeru-Kukka boat harbour p 35
Suursadam p 36
Vanasadama sadam p 36
Kakri kalasadam p 36
Rälby sadam p 39
Hara sadam p 41
Dirhami sadam p 44
Osmussaare sadam p 48



3.3 SCHEME OF THE MARITIME AREA

3.3 marine area navigational charts

Estonian Maritime Administration chart No	INT chart No	Scale
305	1215	250 000
306		250 000
515	1270	100 000
511	1269	100 000
513		100 000
509	1268	100 000
620		50 000
618		50 000
616		50 000
614		50 000

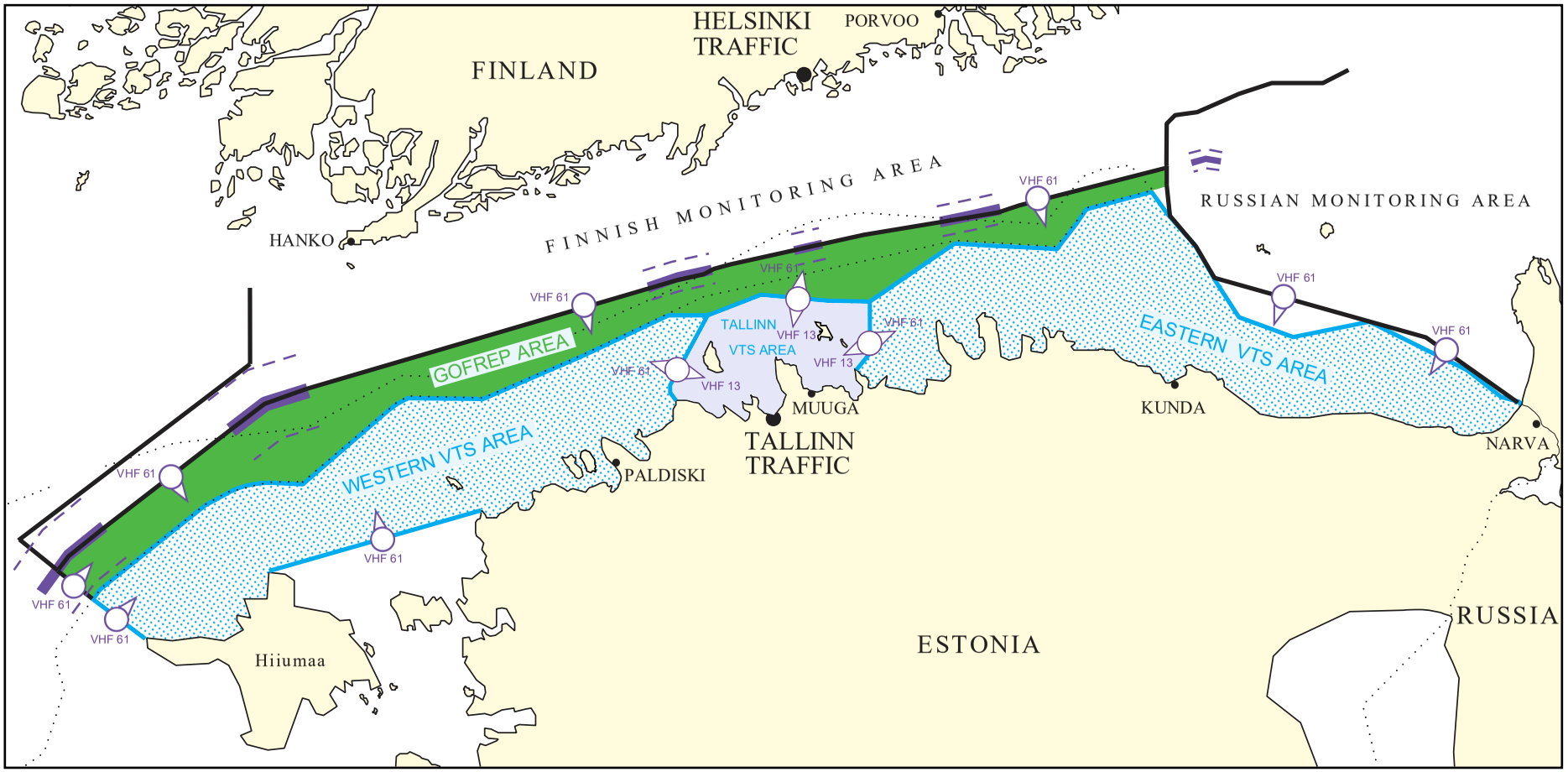
Atlas
Charts of Estonia, Vol 3
Charts of Estonia, Vol 2

retailers of the Estonian Transport Administration navigational charts:
https://transpordiamet.ee/en/mobility-and-transportation/navigational-information/navigational-charts

New editions of charts and atlases
: with the new editions old charts nor atlases 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 tha cable area, on the cable or pipeline track and 0.5 M on either side of these

GOFREP / VTS



Mandatory report on entry

GOFREP - for vessels of GT 300 and over
VTS - for vessels of LOA 24 m and above
channel
VHF 61 (81)
call sign
Tallinn Traffic

phone
GOFREP +3726205765
VTS +3726205770
e-mail
gofrep@transpordiamet.ee, tln.vts@transpordiamet.ee

3.3 Kõpu poolsaar to Põõsaspea neem

Vicinity

B a y s

Bay	Position, area limits	Description	Restrictions
Luidja laht	58°56.99'N 22°22.70'E	depth less than 8 m; bottom sand, rocks	
Paope laht	58°56.32'N 22°26.24'E	depth less than 3 m, plenty of rocks	Paope KA (1)
Reigi laht	59°00.38'N 22°28.06'E	depth less than 6 m	
Meelste laht	59°03.15'N 22°32.77'E	depth less than 8.6 m; rocky offshore bank, up to 1.3 M wide	
Tareste laht	59°00.87'N 22°43.09'E	depth less than 3 m, bottom sand	Tareste KA (2)
Rälby laht	59°01.84'N 23°16.53'E	depth less than 5 m, bottom soft clay	
Borrby laht	Rälby laht WNW part		
Rännan	Rälby laht S part		
Austurvike	Rälby laht SSE part		
Diby laht	59°01.92'N 23°19.04'E	shallow, plenty of rocks	
Hara laht	59°05.67'N 23°31.84'E	shallow	
Dirhami laht	59°13.07'N 23°30.35'E	depth less than 5 m; rocky offshore bank, coast is wooded	
Storhamne	59°16.63'N 23°24.91'E	shallow	

(1) - operating a watercraft at the speed exceeding 8 knots is prohibited

(2) - operating is prohibited with engine running watercraft

Hazards

Bay	Hazard	Least depth (m)	Position N/E		Nav. aid	No	Notes
	wreck „Petshenga“	unknown	58°57.38'	22°02.80'			scattered remnants of wreck and cargo
	Puumetsa madal	2.5	58°58.20'	22°04.76'			
	unnamed	2.0	58°57.01'	22°08.30'			
	rock	unknown	58°56.98'	22°16.41'			
	Hiiu madal	1.2	59°02.53'	22°17.20'	W buoy N buoy E buoy	656 655 657	
Reigi laht	unnamed	0.7	59°00.20'	22°27.71'			
Reigi laht	unnamed	unknown	58°59.65'	22°27.79'			at short distance off Kõrgessaare ldg.l.
	Päevarahu	unknown	59°03.02'	22°29.45'	W buoy	660	
	Glotovi madal	8.6	59°12.31'	22°17.63'	N buoy	650	
Meelste	unnamed	unknown	59°02.42'	22°31.63'			
	unnamed	unknown	59°06.41'	22°38.19'	N buoy	647	
	Apollo madal	6.0	59°12.93'	22°51.51'	N buoy	634	
	Selgrahu	unknown	59°05.17'	22°52.27'	N buoy W spar buoy S spar buoy	648 2115 2114	Selgrahu grey seal MR ([3])
	Lainemadal	5.0	59°09.22'	23°02.06'	W buoy isolated danger spar buoy	600 2106	
	Plagurahu	2.6	59°05.45'	22°57.46'	E buoy	598	
	Nordväina madal	0.2	59°06.93'	23°05.74'	N buoy	597	a group of separated shoals
	Frisgrunne	0.8	59°03.79'	23°06.95'	W spar buoy	2109	
	unnamed	unknown	59°03.06'	22°55.75'			
	Võirahu	0.3	59°02.06'	22°50.01'	N spar buoy	2113	a group of separated shoals
	wreck „Eevi“	2.1	59°03.21'	22°44.40'			
	wreck „Hiiula“	0.8	59°00.75'	22°45.26'	p/h spar buoy	2064	at short distance off Kärdla ldg.l.
	Nordgrunne	0.6	59°04.89'	23°13.72'	N spar buoy	2104	a group of separated shoals
Rälby laht	old seawall	unknown	59°01.65'	23°16.46'			underwater remnants
	Kipparirahu	0.1	59°04.26'	23°18.59'	N spar buoy	2103	
	wreck	34.0	59°19.34'	23°19.39'			wreck may contain chemicals
	Andrejevi madal	1.5	59°06.29'	23°20.46'	S spar buoy	2097	
	wreck	11.8	59°09.43'	23°22.73'			
	Tagrun	1.0	59°06.23'	23°25.91'			
	Hülgerahu	0.2	59°07.51'	23°27.32'			
Hara laht approach	unnamed	unknown	59°07.09'	23°29.87'			
	rock	0.2	59°10.97'	23°28.36'			

([3]) - 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

Vicinity Hazards (to be continued)

Bay	Hazard	Least depth (m)	Position N/E		Nav. aid	No	Notes
	wreck	above sea level	59°17.58'	23°22.01'			
	unnamed	0.8	59°12.95'	23°29.20'	N spar buoy	2100	at short distance off Dirhami sadam harbour
Dirhami laht	rock	0.7	59°12.84'	23°30.02'			roadstead of Dirhami sadam harbour
Dirhami laht	rock	1.2	59°13.02'	23°30.04'			on one side of the port channel of Dirhami sadam harbour
	Sundstein	2.7	59°15.47'	23°27.48'	S buoy	427	
Storhamne	wreck	1.2	59°16.61'	23°24.70'			at short distance off Osmussaare S harbour

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
	Elmrahu	58°58.73'	22°22.77'	low, sand, stones	Paope MR ([4])
Paope laht bay-mouth	Külalaid	58°58.87'	22°23.87'	low, stones	Paope MR ([4])
Paope laht bay-mouth	Ninalaid	58°59.91'	22°26.16'	low, gravel	Paope MR ([4])
Meelste laht	Koimaholm	59°01.90'	22°32.27'	stones, grass, junipers	
	Vissulaid	59°00.85'	22°49.96'	low, gravel	
	Kukka rahu	58°59.17'	22°53.06'	sand, grass, scrub	
	Pikkrahu	58°59.06'	22°53.58'	sand, grass, scrub	
	Kakralaid	59°01.45'	22°57.47'	low, gravel	S from islet: Kadakalaid marbled seal MR ([5])
	Vormsi saar	59°00.25'	23°14.89'	less than 12.5 m in height, forest	
Rälby laht bay-mouth	Tjuka saar	59°02.46'	23°17.91'	less than 3 m in height, rocks, forest	
Diby laht bay-mouth	Väike-Tjuka saar	59°02.41'	23°19.92'	less than 3 m in height, sand, grass, scrub	
	Hosgrunne	59°07.83'	23°31.37'	grass, scrub	
	Osmussaar	59°17.53'	23°23.59'	less than 6 m in height, rocky; a cliff in N part, in S part gravel and sand, junipers and deciduous trees	

([4]) - from 01.04 - 30.06 human presence within the limits of the special management zone is prohibited

([5]) - operating an engine powered watercraft at the speed exceeding 8 knots is prohibited; from 01.04 - 15.06 and 01.09 - 15.11 human presence is prohibited

Navigational aids

database of Estonian aids to navigation - https://nma.vta.ee/			
Island, inlet	**Navigational aid**	**Nav. aid No**	**Notes**
	Kõpu lighthouse	668/3746	
	Ristna lighthouse	673/3744	
	Tahkuna lighthouse	645/3754	
	Hiiessaare lighthouse	625/3756	
	Kuri ldg.l. front light beacon	615/3757	
	Kuri ldg.l. rear light beacon	616/3757·1	
	Harilaid ldg.l. rear lighthouse	587/3758·51	
	Vormsi (Saxby) lighthouse	595/3758	
	Vormsi N ldg.l. rear light beacon	594/3757·9	
	Paslepa ldg.l. rear lighthouse	442/3759·51	
	Paslepa ldg.l. front lighthouse	441/3759·5	
	Norrby ldg.l. rear lighthouse	448/3759·1	
	Norrby ldg.l. front lighthouse	447/3759	
	Riguldi daymark	435	
	Osmussaare lighthouse	425/3760	
	Põõsaspea light beacon	420/3764	

Other marks

Island, inlet	**Mark**	**Position N/E**		**Notes**
	Ristna DGPS-mast	58°56.40'	22°03.12'	
	Mägipe communication mast, radar tower	58°55.13'	22°11.86'	aviation obstruction lights
	Palli observation tower	58°56.90'	22°18.69'	
	Kõrgessaare communication mast	58°59.26'	22°28.16'	aviation obstruction lights
	Kõrgessaare observation tower	58°59.59'	22°26.32'	
	Kõrgessaare observation tower	58°59.41'	22°28.03'	in Kõrgessaare harbour
	Kõrgessaare communication mast	58°58.54'	22°29.67'	aviation obstruction lights
	Reigi church	58°58.97'	22°30.57'	
	Mudaste communication mast	59°01.24'	22°34.71'	aviation obstruction lights
	Tahkuna wind turbine	59°05.31'	22°35.16'	aviation obstruction lights
	Tahkuna radar tower	59°05.18'	22°35.68'	aviation obstruction lights
	Lehtma observation tower	59°04.29'	22°41.76'	
	Kärdla communication mast	59°00.40'	22°45.20'	aviation obstruction lights
	Kärdla communication mast, chimney	59°00.20'	22°44.81'	aviation obstruction lights
	Kärdla church	59°00.17'	22°45.12'	
	Kärdla television and communication mast	58°59.90'	22°45.88'	aviation obstruction lights
	Kärdla communication mast	58°59.57'	22°43.35'	aviation obstruction lights
	Paluküla church	58°59.21'	22°48.29'	
	Kukka-Andruse windmill	58°59.04'	22°52.06'	
	Dagö lighting tower	58°58.35'	22°54.70'	
	Sääre communication mast	58°57.88'	22°54.78'	aviation obstruction lights

Vicinity Other marks (to be continued)

Island, inlet	Mark	Position N/E		Notes
	Suuresadama observation tower	58°58.96'	22°56.31'	
	Kersleti radar tower	59°02.91'	23°09.84'	
	Diby observation tower	59°01.99'	23°17.94'	
	Telise observation tower	59°04.54'	23°26.09'	
	Aulepa wind turbines (16 pcs)	59°05.39'	23°36.39'	aviation obstruction lights
	Riguldi communication mast	59°06.73'	23°32.14'	aviation obstruction lights
	Vanaküla wind turbines (3 pcs)	59°07.15'	23°34.27'	aviation obstruction lights
	Osmussaare radar tower, wind turbine	59°17.63'	23°23.31'	aviation obstruction lights
	Elbiku communication mast	59°10.12'	23°31.90'	aviation obstruction lights
	Dirhami communication mast	59°12.52'	23°29.61'	aviation obstruction lights
	Dirhami communication mast	59°12.43'	23°30.35'	aviation obstruction lights
	Põõsaspea observation tower	59°13.72'	23°30.58'	

Topography

Coast

predominantly wooded coast between Kõpu poolsaar and Tahkuna neem

low and wooded coast between Tahkuna neem and Saare nina
coves overgrown with reeds

coniferous forest covers the shores of Vormsi saar
shallow coastal sea with abundance of rocks

low and wooded coast between Telise neem and Põõsaspea neem
abundance of rocks, offshore bank varies in width

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

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) may occur close to nearshore shoals

Anchorages

see bay description p 12

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

Kõrgessaare sadam approach

Navigational aids

Kõrgessaare ldg.l. 148.3° - 328.3°

Kõrgessaare ldg.l. front daymark (661/-)

Kõrgessaare ldg.l. rear daymark (662/-)

(PR) **Kõrgessaare sadam** 58°59.58'N 22°27.88'E

Mooring (depths BSCD2000^{EH2000})

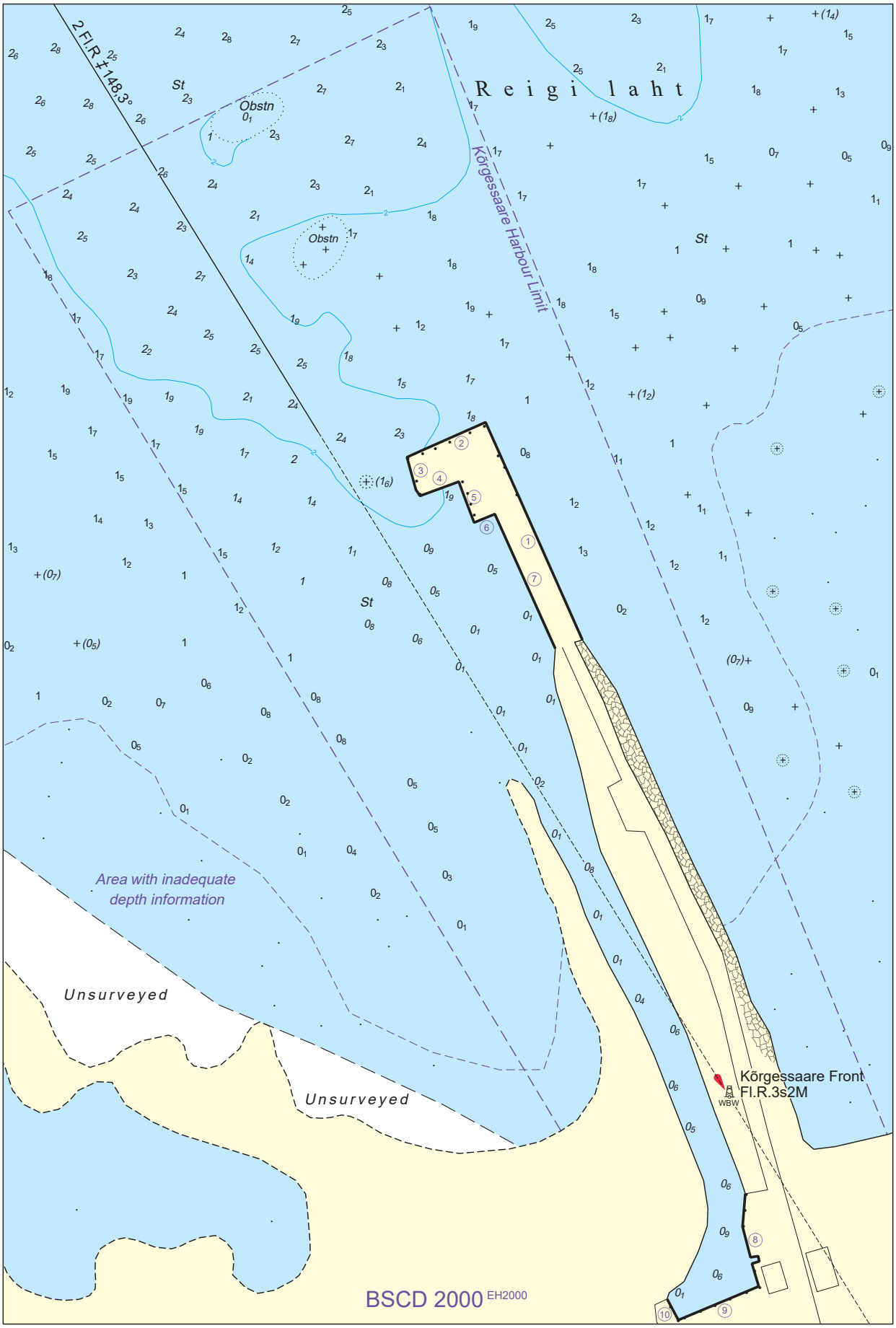
Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			24.0	5.5	2.5	local harbour	15.04 - 15.11
1	90.0	1.1				fishing	
2	32.0	1.8				fishing	
3	15.5	2.3				fishing	
4	15.5	2.0				fishing	
5	17.0	1.9				fishing	
6	7.8	1.4				fishing	
7	55.0	0.3				fishing	
8	35.0	0.6				fishing	
slip							
9	33.0	0.7				fishing	
10	9.0	0.6				fishing	

Facilities

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

General
cargo storage

Kõrgessaare sadam (2026)



Kõrgessaare sadam (2012)



Lehtma sadam approach (depths BSCD2000[EH2000])

Navigational aids
- Lehtma ldg.l. 272.4° - 092.4°
  - Lehtma ldg.l. front light beacon (641/3755)
  - Lehtma ldg.l. rear light beacon (642/3755·1)
- Lehtma harbour pier light beacon (635/3755·3)

Channel
- length 1500.0 m
- width 70.0 m
- depth 0.3 m **(sandbar!)**
- lateral marks
  - Natural conditions
    - channel often filled with drift sand

(PR) **Lehtma sadam** 59°03.95'N 22°42.14'E

Restrictions
- Entering and leaving prohibitions
  - entry into the harbour is strictly forbidden without prior authorisation from the harbour authority
  - wind speed over 15 m/s
  - visibility under 200 m

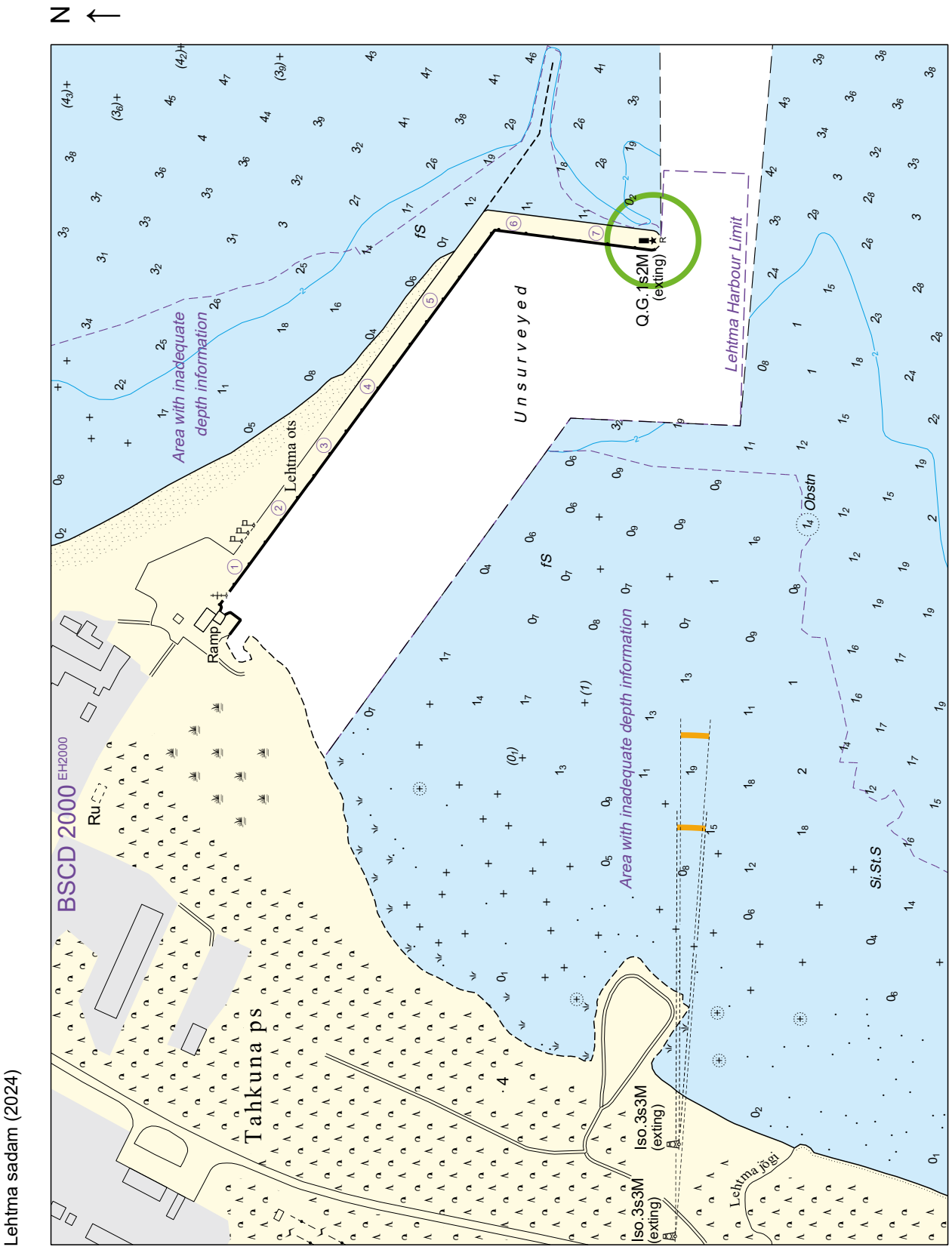
Mooring (depths BSCD2000[EH2000])

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
Lehtma sadam			12.0	2.0	0.3	local harbour	01.01 - 31.12
1	65.0	3.9	24.0	8.0	3.6	fishing	
2	65.0	4.1	56.0	12.0	3.9	fishing	
3	65.0	3.8	56.0	12.0	3.6		
4	65.0	5.3	56.0	16.0	4.2	fishing	
5	130.0	5.3	130.0	16.0	4.2	fishing	
6	65.0	4.6	56.0	16.0	4.2	service	
7	77.0	3.9	65.0	15.0	3.6	support fleet	

Facilities

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

General
- toll and border check on request
- phytopathological and veterinary inspection on request
- cargo storage
- garbage reception
- toilet



Lehtma sadam (2024)

Lehtma sadam (2022)



Kärdla Vetelpääste harbour 59°00.51'N 22°44.86'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	30.0					small craft	
2	56.0					small craft	
slip							
3	16.0					small craft	

Kärdla Vetelpääste harbour (2024)



Kärdla sadam approach

Navigational aids

Kärdla harbour ldg.l. 162.2° - 342.2°

Kärdla harbour ldg.l. front light beacon (643.1/3755·5)

Kärdla harbour ldg.l. rear light beacon (643.2/3755·51)

Kärdla harbour E mole light beacon (644/3755·7)

lateral marks

(PR) **Kärdla sadam** 59°00.49'N 22°45.22'E (https://hiiumaasadamad.ee/en/kardla/)

Restrictions

speed limit 3 knots, stern wave shall not occur

upon small craft 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

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)		
			24.0	8.0	3.2	small craft facilities	01.05 - 30.09
berth A	38.0	3.1				small craft	
slip							
berth B	48.0	2.7 - 3.2				floating	
berth C	48.0	2.7				floating	
berth D	48.0	2.7				floating	
slip							
berth E	122.0	2.7				floating	
berth F	50.0	2.8				service	
berth G	24.0	1.3				fishing	
berth H	12.0	1.7				floating	
slip							

Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
berth A						*	Wi-Fi
berth B		*				*	Wi-Fi
berth C		*				*	Wi-Fi
berth D		*				*	Wi-Fi
berth E							Wi-Fi
berth F	*	*			*	*	Wi-Fi
berth G							Wi-Fi
berth H							Wi-Fi

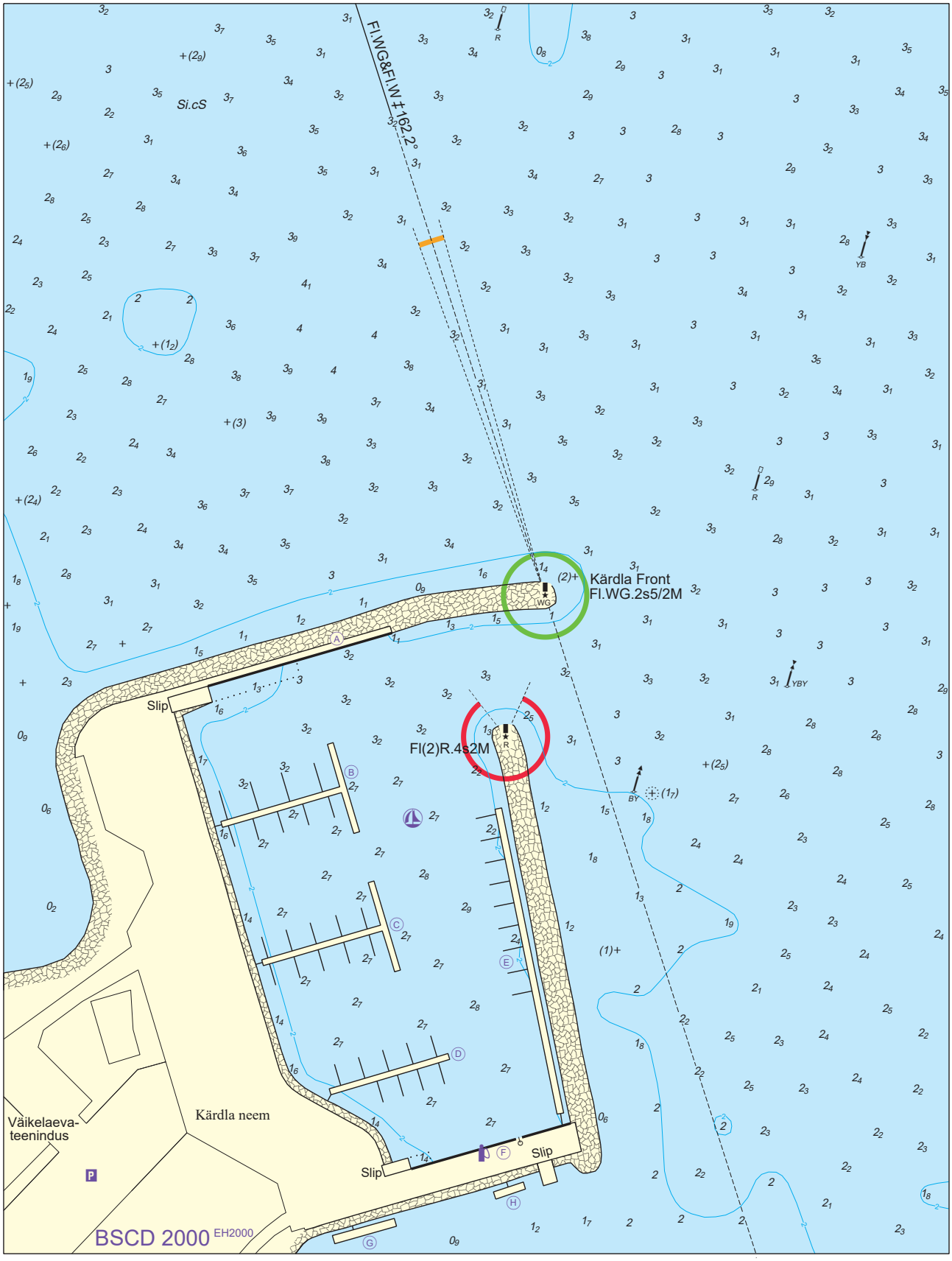
General

garbage reception

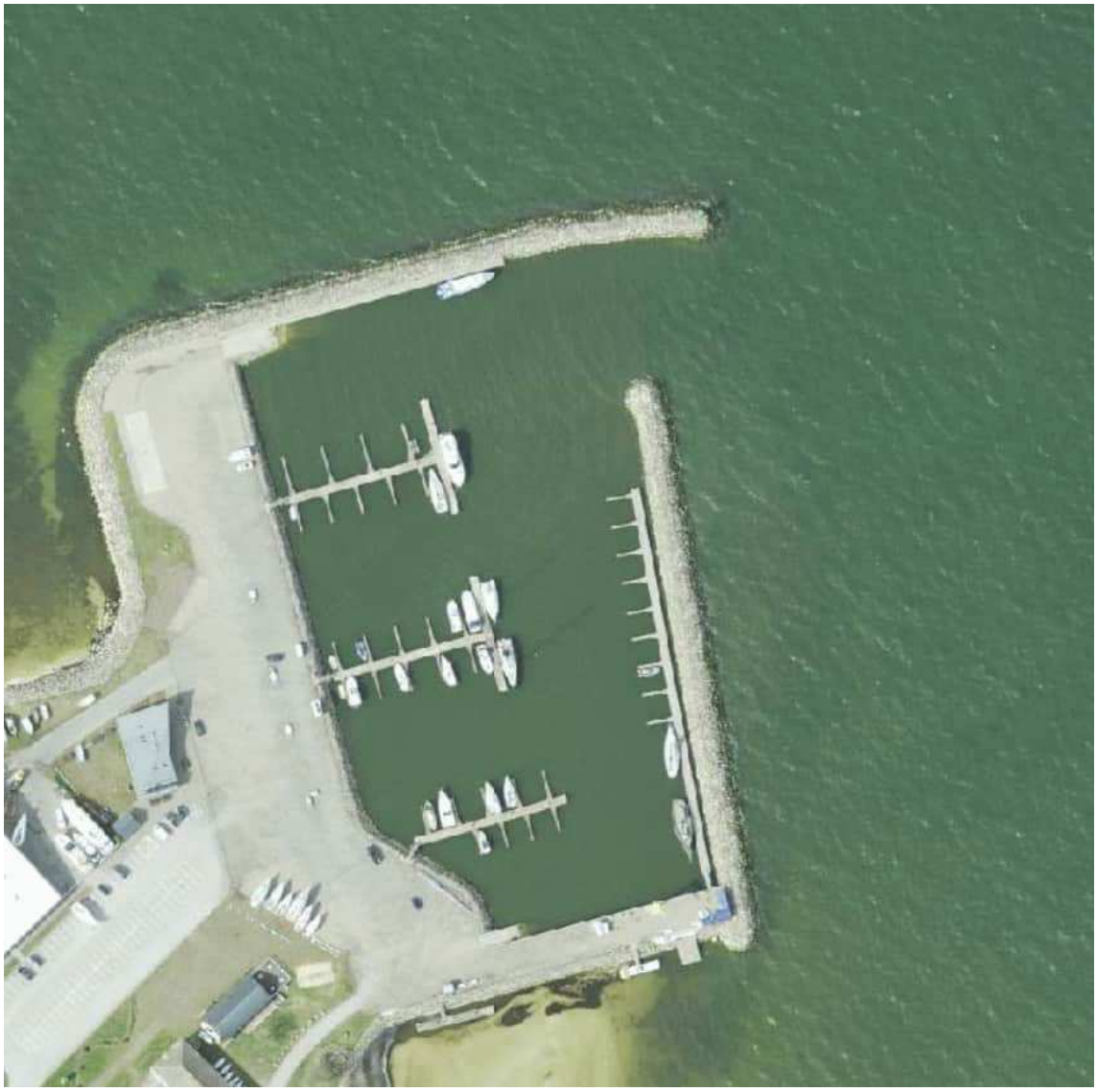
sauna, shower, toilet

laundry

Kärdla sadam (2026)



Kärdla sadam (2024)



Roograhu sadam approach (depths BSCD2000[EH2000])

Navigational aids

Roograhu small-craft harbour W mole light beacon (627/3755·8)

Channel

length 100.0 m
width 15.0 m
depth 1.8 m
lateral marks

[PR] **Roograhu sadam** 59°00.00'N 22°49.19'E (www.roograhu.ee/et/sadam) *(in Estonian only)*

Restrictions

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

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)		
			10.0	3.0	1.6	small craft facilities	15.04 - 31.10
1	47.0	1.2 - 1.6				small craft	
2	41.0	1.1 - 1.6				small craft	
3	17.0	1.4				small craft	
slip							

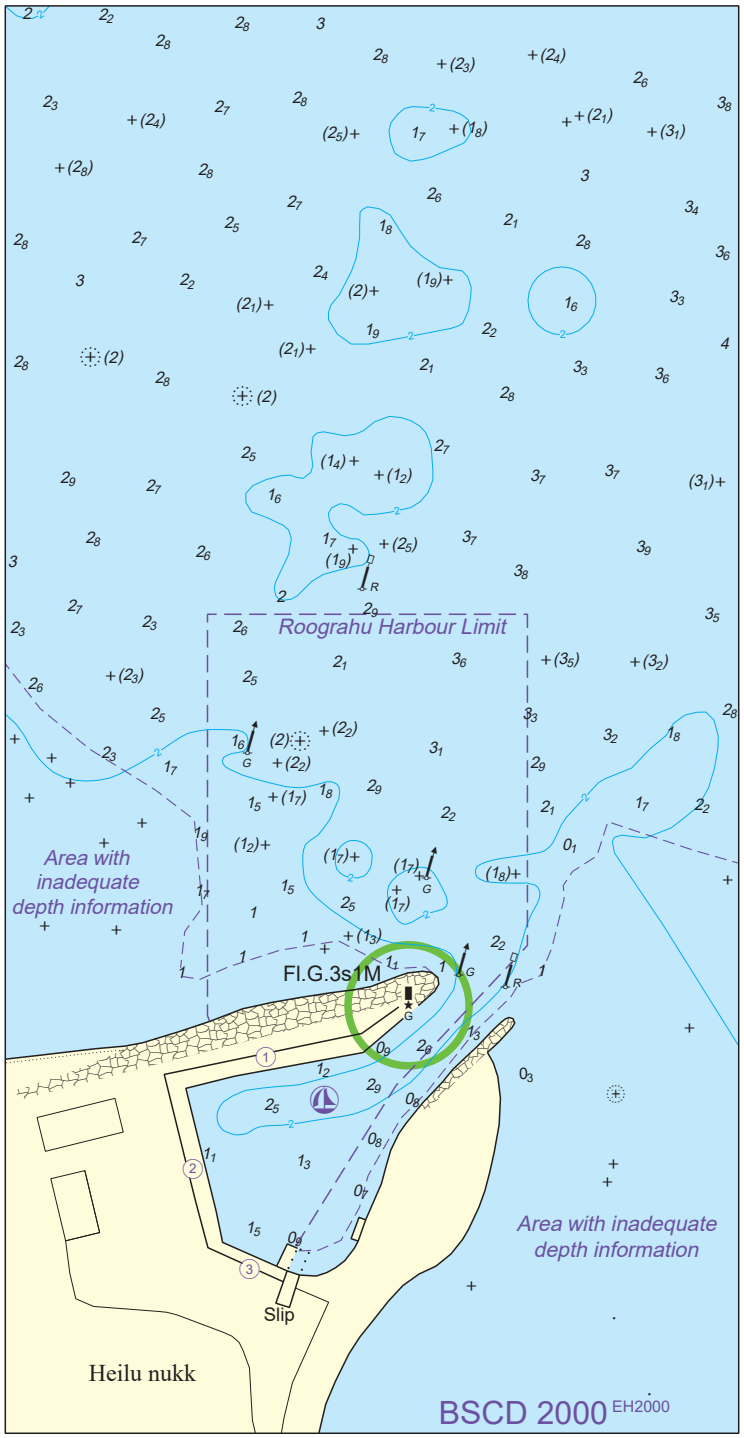
Facilities

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

General

garbage reception
sauna, shower, toilet
laundry

Roograhu sadam (2026)



Roograhu sadam (2024)



(PR) Hiiessaare sadam 59°00.17'N 22°50.53'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)		
			12.0	3.0	1.2	local harbour	01.04 - 30.11
1	30.0	1.3				small craft	
2	12.0	1.0				small craft	
3	20.0	1.3				small craft	

Facilities

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

Hiiessaare sadam (2022)



Sõeru-Kukka boat harbour 58°59.37'N 22°52.37'E (private)

Approach
Restrictions
local knowledge required
Prohibitions
entrance on the permission of the harbour owner

Suursadam, Vanasadama sadam and Kakri kalasadam approach

(depths BSCD2000[EH2000])

Navigational aids

Suursadam harbour ldg.l. 230.0° - 050.0°

Suursadam harbour ldg.l. front light beacon (621/3757·5)

Suursadam harbour ldg.l. rear light beacon (622/3757·51)

Channel

length 250.0 m
width 20.0 m
depth 2.7 m

(PR) **Suursadam** 58°58.59'N 22°54.60'E
(PR) **Vanasadama sadam** 58°58.56'N 22°54.39'E
(PR) **Kakri kalasadam** 58°58.58'N 22°54.38'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)		
Suursadam			35.0	7.0	2.6	fishing and small craft facilities, ship repair	01.01 - 31.12
1	46.0	1.8				border guard	
2	107.0	1.8					
3	74.2	3.3				slip quay	
slip							
4	47.2	2.3				slip quay	
slip							
5	108.9	2.9				repairs	
6	58.1	1.8					
Vanasadama sadam			10.0	2.5	0.8	local harbour	15.05 - 15.10
A	2.4	1.0				floating	
B	4.0	1.0 - 1.5				floating	
C	2.4	0.7 - 1.0				floating	
Kakri kalasadam			24.0	7.0	1.3	fishing harbour	01.05 - 01.11
1	31.0	0.9				fishing	
2	27.0	1.0				fishing	
3	4.0	0.6				fishing	

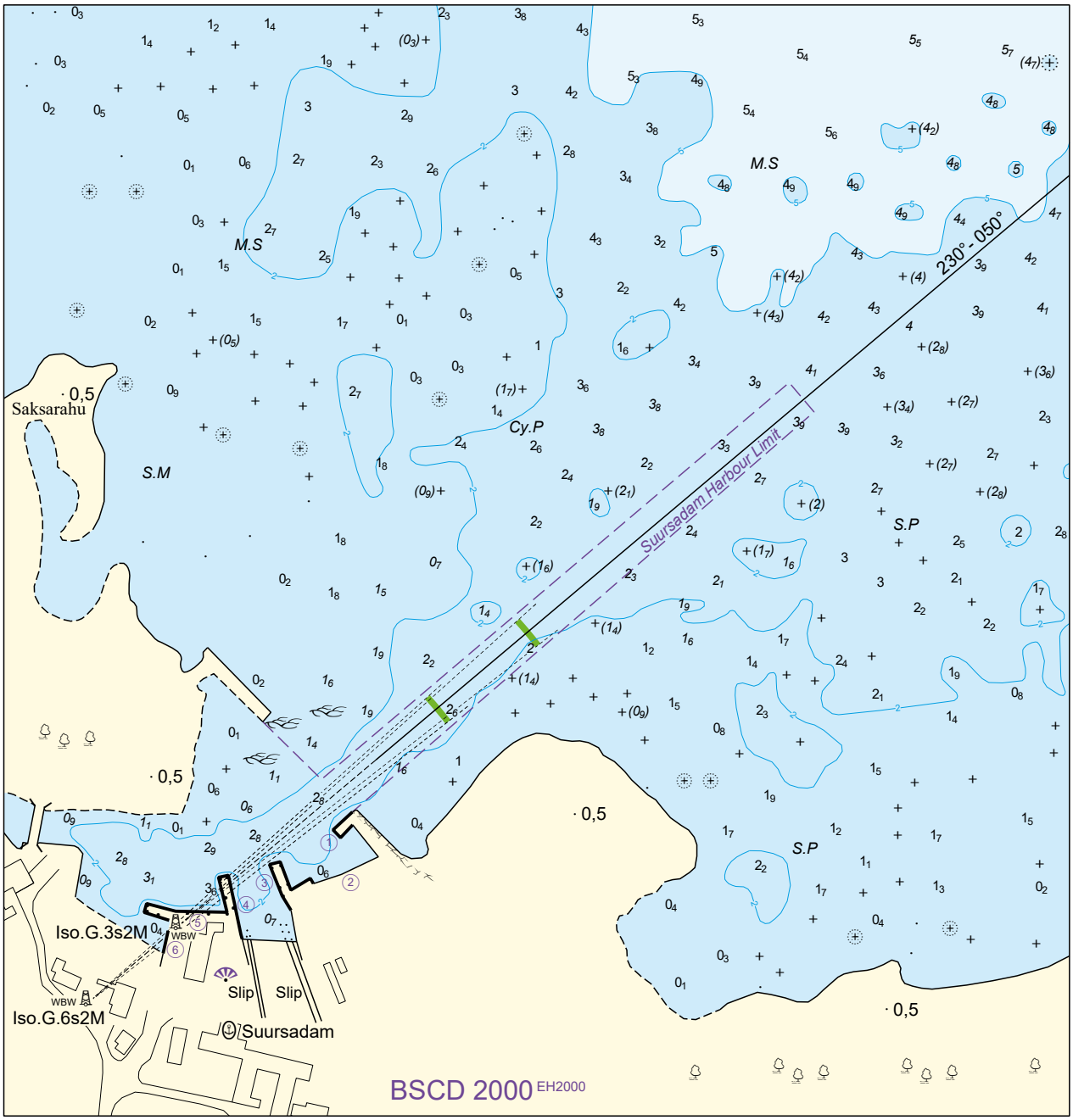
Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
Suursadam							
1							
2							
3			*	*	*		
4			*	*	*		
5			*	*	*		
6			*	*	*		
Vanasadama sadam							
A							
B							
C							
Kakri kalasadam							
1							
2							
3							

General

cargo storage
garbage reception
shower, toilet

Suursadam, Vanasadama sadam and Kakri kalasadam (2022)



Suursadam, Vanasadama sadam and Kakri kalasadam (2018)



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

(PR) **Rälby sadam** 59°01.56'N 23°16.52'E

Restrictions

speed limit 3 knots, stern wave shall not occur

upon small craft 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

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)		
			10.0	5.0	0.8	small craft facilities	01.04 - 01.11
1	6.0	0.8				floating	
2	6.0	0.8				floating	
3	6.0	0.8				floating	
slip							

Rälby sadam (2024)



Hara sadam approach (depths BSCD2000[EH2000])

Navigational aids
lateral marks

Channel
length 83.0 m
width 10.0 m
depth 0.9 m

(PR) **Hara sadam** 59°05.48'N 23°31.79'E

Restrictions
speed limit 3 knots, stern wave shall not occur

upon small craft 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
visibility under 50 m

Maneuver
remooring is allowed only with the permission of the harbour master’s office

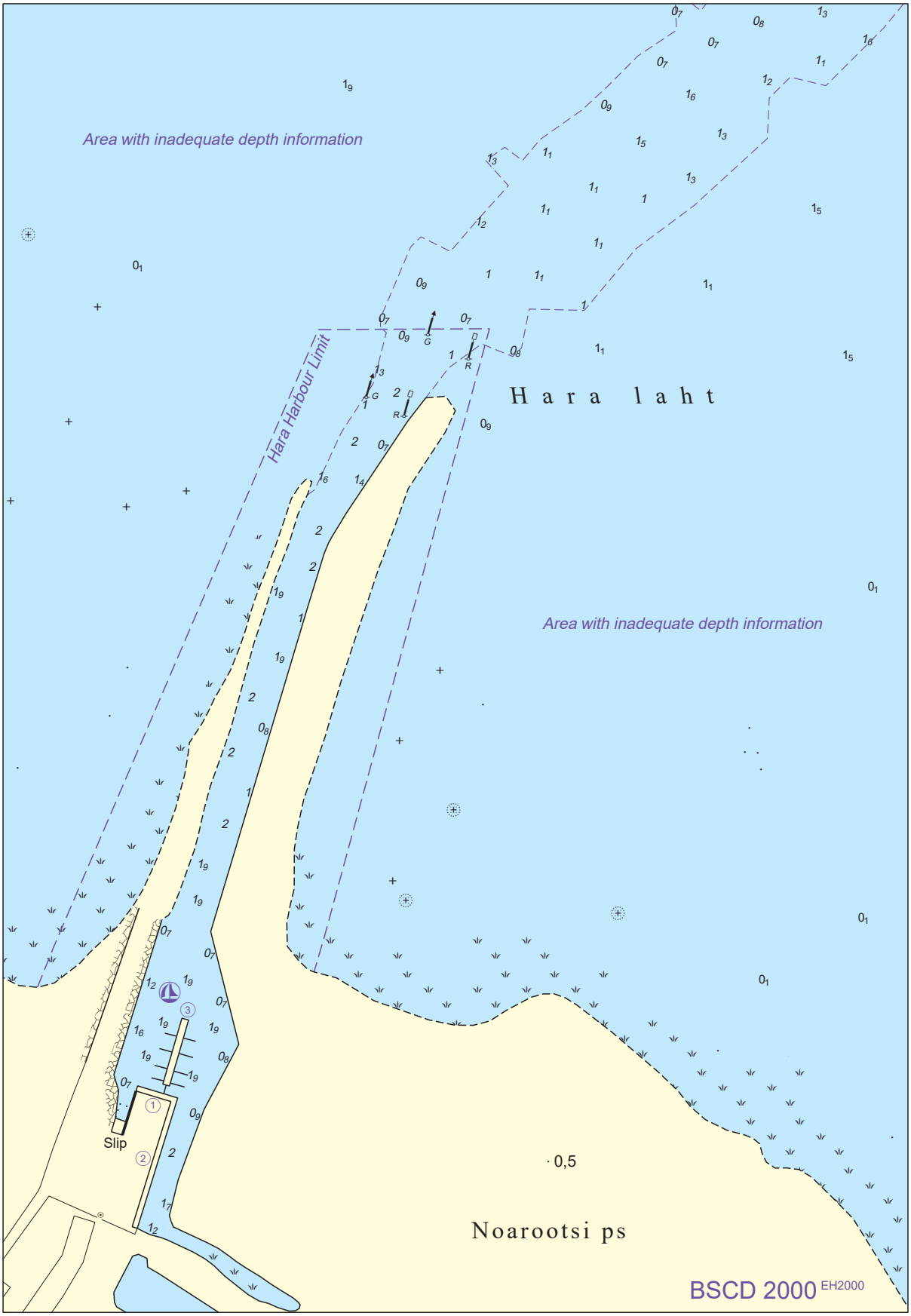
Mooring (depths BSCD2000[EH2000])

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			12.0	4.0	0.7	local harbour	01.04 - 01.11
1	14.0	1.9				small craft	
slip							
2	48.0	1.8				fishing	
3	24.0	1.9				floating	

Facilities

General
garbage reception
toilet

Hara sadam (2026)



Hara sadam (2024)



aerial panorama - www.estonia360.ee/hara_sadam/ (2018, winter)

Dirhami sadam approach (depths BSCD2000[EH2000])

Navigational aids
- Dirhami ldg.l. 170.3° - 350.3°
  - Dirhami ldg.l. front light beacon (431/3765)
  - Dirhami ldg.l. rear light beacon (432/3765·1)
- Dirhami harbour pier light beacon (429/3765·4)
- Dirhami safe water spar buoy (2095)
- lateral marks

Channel
- length 1.5 nautical miles
- width 60.0 m
- depth 3.8 m
  - Restrictions
    - small craft in vessel traffic must keep away as far as possible from the center line as allowed by their own safe navigation
  - Entering and leaving prohibitions
    - visibility under 12 cables

[PR] **Dirhami sadam** 59°12.68'N 23°30.06'E (www.dirhami.ee/en/)

Communication channels
- VHF 10 — Port Dirham

Restrictions
- minimal speed maintaining manoeuvrability
  - 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/dirhami/?lang=en

Mooring (depths BSCD2000[EH2000])

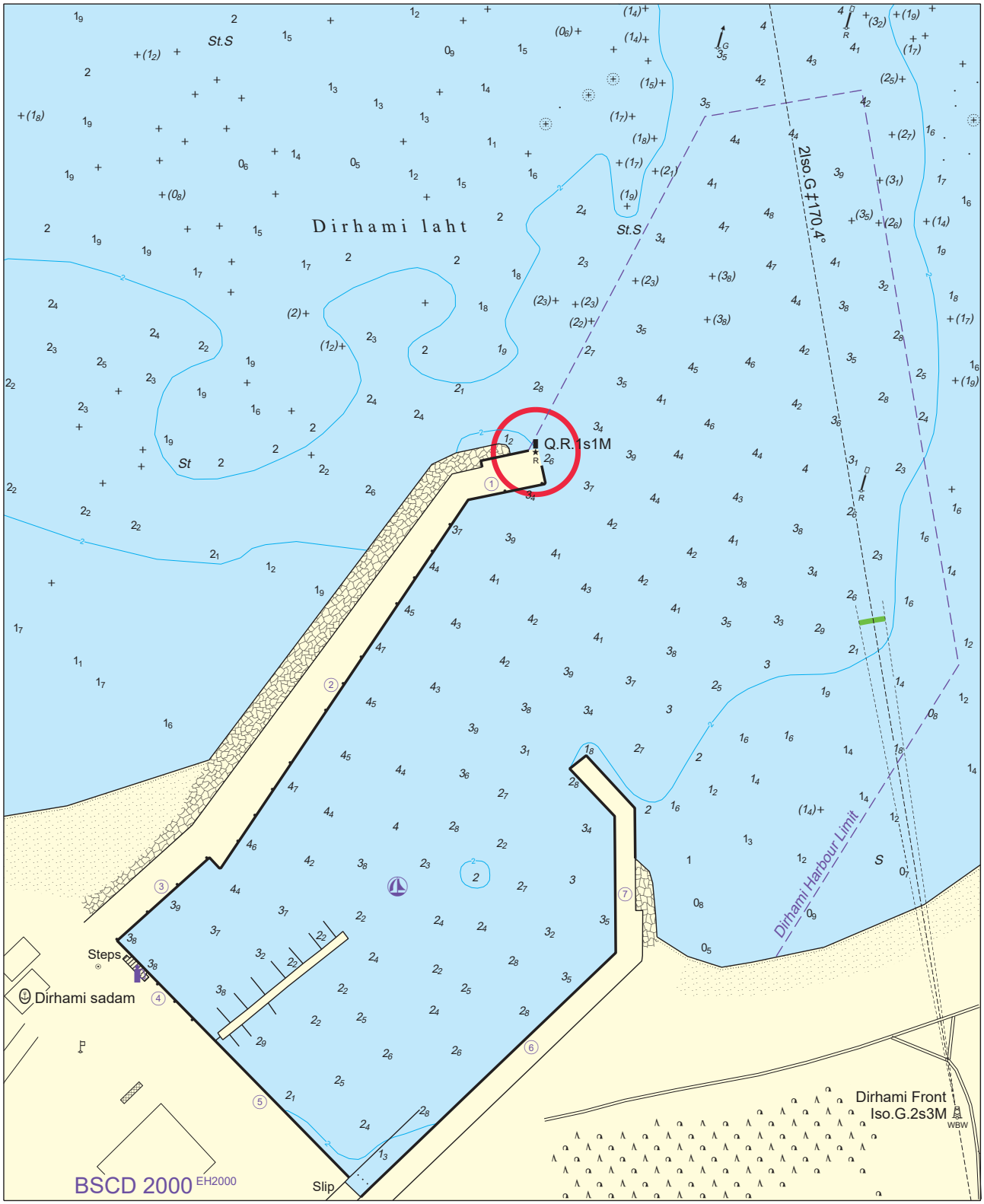
Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			90.0	12.0	3.7	commercial shipping	01.01 - 31.12
1	29.0	2.9					
2	166.0	3.4					
3	45.0	2.7					
4	50.0	3.5				small craft	
slip							
5	68.0	2.5					
6	80.0	2.5					
7	40.0	2.5					
8A	60.0	2.2 - 3.7				floating	
8B	60.0	2.2 - 2.5				floating	

Facilities

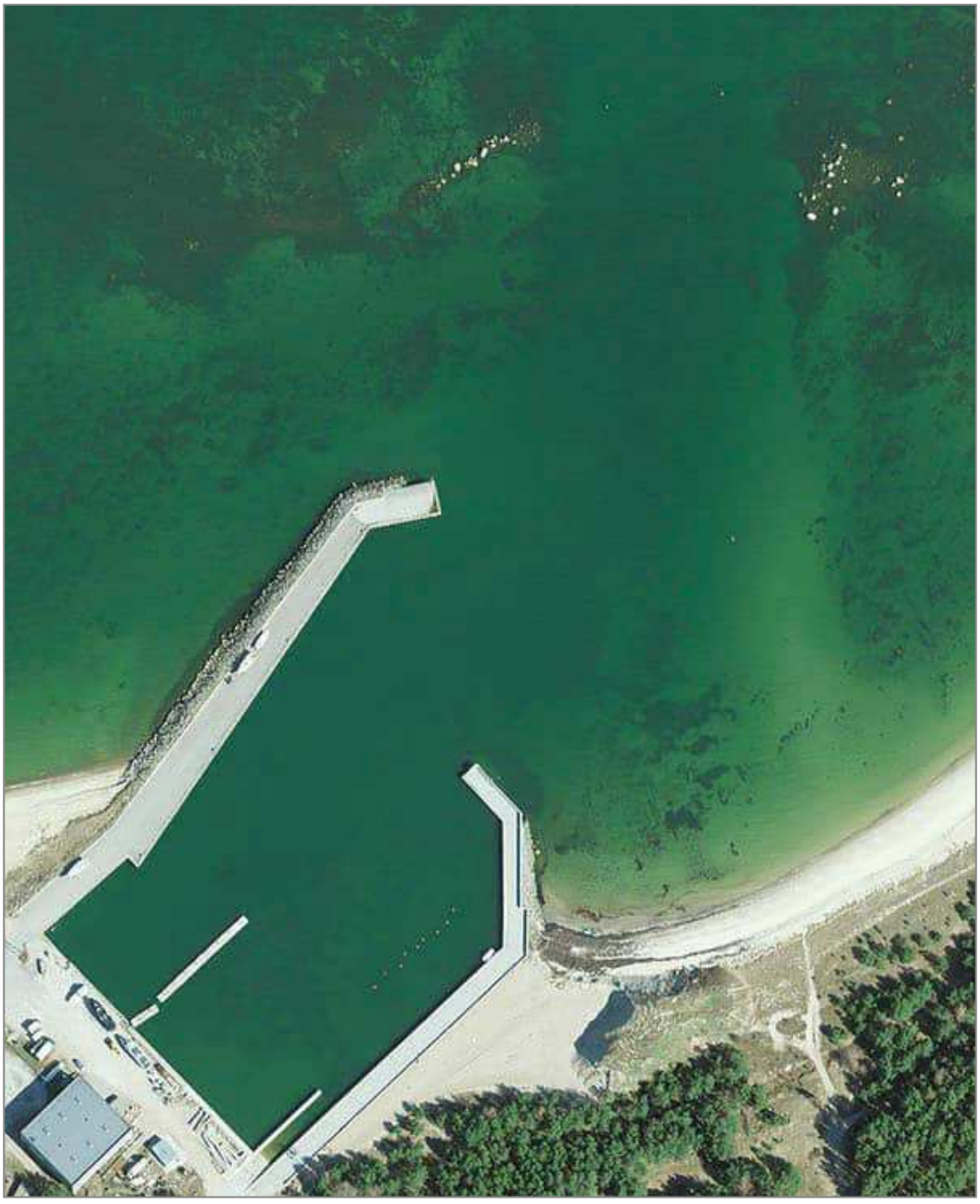
Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1	*		*	*		*	Wi-Fi
2	*		*	*		*	Wi-Fi
3			*	*			Wi-Fi
4	*	*	*	*		*	Wi-Fi
5			*	*		*	Wi-Fi
6		*				*	Wi-Fi
7		*				*	Wi-Fi
8A						*	Wi-Fi
8B		*				*	Wi-Fi

General
- international freight
- toll and border check on request
- food, phytopathological and veterinary inspection on request
- cargo storage
- icebreaking service
- garbage and waste reception
- shower, toilet

Dirhami sadam (2026)



Dirhami sadam (2024)



Osmussaare sadam approach (depths BSCD2000[EH2000])

Channel
length 1200.0 m
depth 0.7 m
lateral marks

(PR) **Osmussaare sadam** 59°16.58'N 23°24.68'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	2.5	0.8	local harbour	01.05 - 31.10
1	24.0	1.0				floating	
2	24.0	0.8				floating	

Osmussaare sadam (2018)

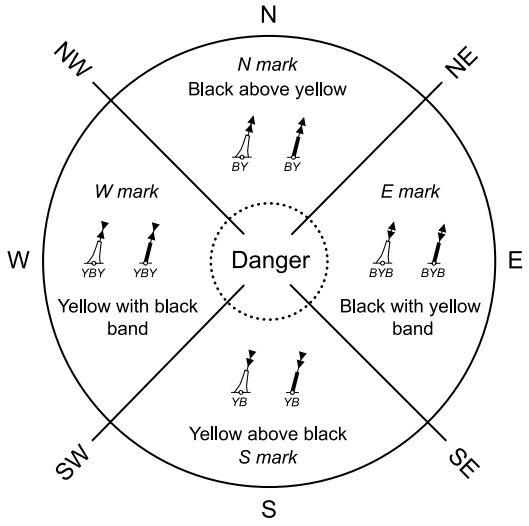


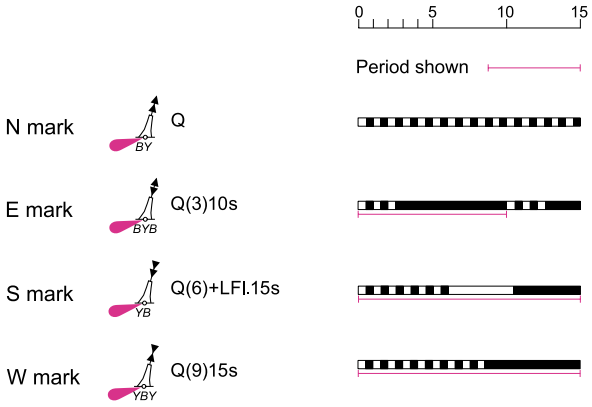
FLOATING AIDS

SYMBOLS

Cardinal marks

UNLIT MARKS	LIGHTED MARKS
Topmark (if any): 2 black cones	White light — Time (seconds)





The periods 5s, 10s and 15s, may not always be charted

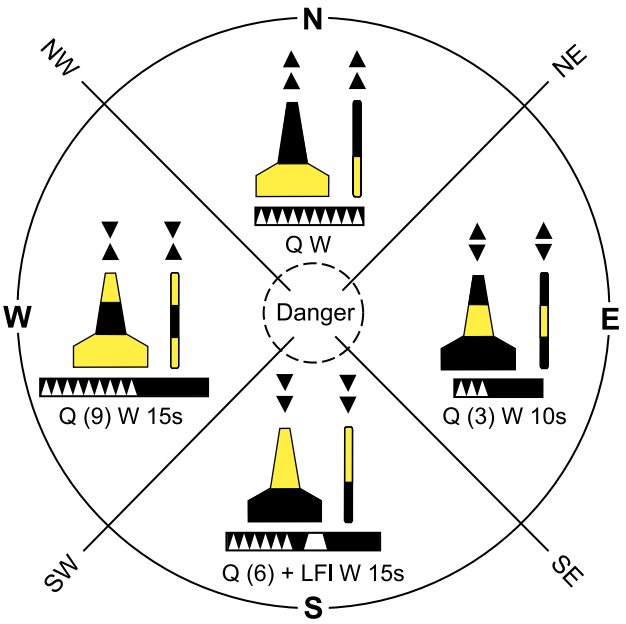
Isolated danger marks stationed over dangers with navigable water around them			
Body: black with red horizontal band Topmark (if any): 2 black spheres		Fl(2)	white light

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

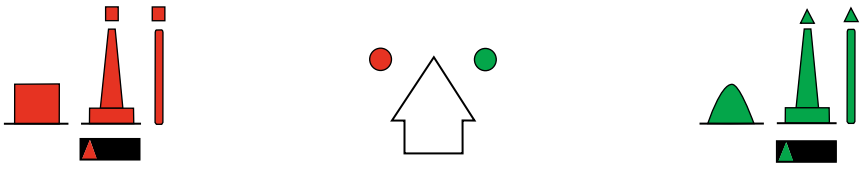
Special marks not primarily to assist navigation but to indicate special features			
Body: yellow Topmark (if any): yellow x		Fl.Y	yellow light

COLOUR SCHEME

CARDINAL MARKS

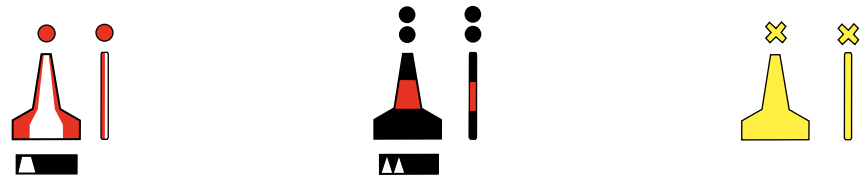


LATERAL MARKS



Port-hand marks | Starboard-hand marks

SAFE WATER MARKS | ISOLATED DANGER MARKS | SPECIAL PURPOSE MARKS



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

ESTONIAN MARITIME COMMUNICATION

Tallinn Radio

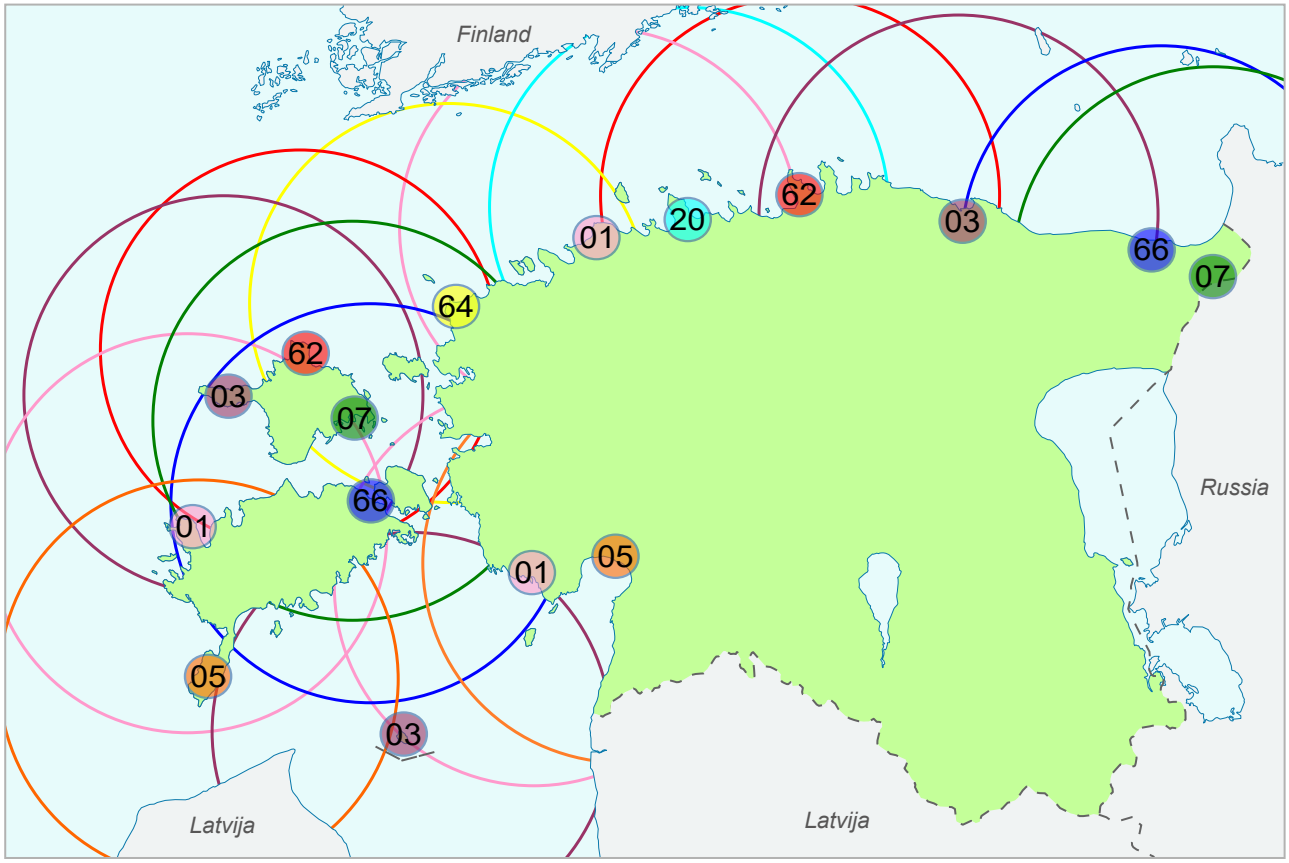
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scheme of the base stations



◯ - Tallinn Radio base stations and VHF duplex working channels