



Sailing Directions for Estonian Waters

Waypoint navigation
Fairways

Fourth release 1.06.2017

GENERAL INFORMATION

This pdf has fairways attached as gpx-files.
Same files are available separately as zip archive too - GPX.zip.

part 1

Gulf of Riga

Note: numbers enclosed in parenthesis after navigational aid show the number of the navigational aid in the <http://nma.vta.ee/>

Allirahu fairway – E approach to Roomassaare fairway

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°10.67'	22°48.83'	starting point to Abruka Idg.I. (971, 972)	259.3° (079.3°)	7.14 M
2	58°09.36'	22°35.58'	turning point to Roomassaare fairway Abruka safe water buoy (969)	321.5° (141.5°)	

Roomassaare fairway – SE approach to ports in the vicinity of Suur Katel

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°08.17'	22°37.36'	starting point to Roomassaare Idg.I. (961, 962)	321.5° (141.5°)	5.76 M
2	58°12.67'	22°30.58'	turning point to Roomassaare harbour Idg.I. (963, 964)	351.4° (171.4°)	

Kihnu väin fairway – Kihnu väin passageway from Väinameri to Pärnu

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°17.15'	23°44.54'	Kihnu väin fairway safe water buoy K1 (837)	118.0° (298.0°)	12.48 M
2	58°11.35'	24°05.44'		83.7° (263.7°)	1.02 M
3	58°11.46'	24°07.35'		67.4° (247.4°)	7.79 M
4	58°14.45'	24°20.96'	turning point to Pärnu approach Idg.I. (871, 872)	23.9° (203.9°)	

Papina fairway – eastbound route between Kihnu väin and Saareotsa channel

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°11.51'	24°04.85'	leaving from Kihnu väin fairway	166.9° (346.9°)	1.24 M
2	58°12.72'	24°04.32'	Munalaiu safe water spar buoy (2241)		

Saareotsa fairway – approach to Munalaiu and Manilaiu harbour

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°11.89'	24°03.50'	Kihnu väin fairway safe water buoy K9 (838)	027.6° (207.6°)	1.29 M
2	58°13.02'	24°04.62'	Munalaiu safe water buoy (851)	070.4° (250.4°)	1.51 M
3	58°13.53'	24°07.31'	turning point to Munalaiu Idg.I. (853, 854)	330.3° (150.3°)	

Kakra säärfairway – Saareotsa Idg.l. to Kihnu

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°11.89'	24°03.50'	Kihnu väin fairway safe water buoy K9 (838)	206.1° (026.1°)	0.56 M
2	58°11.38'	24°03.03'		230.6° (050.6°)	0.13 M
3	58°11.30'	24°02.85'		186.4° (006.4°)	0.16 M
4	58°11.14'	24°02.81'		170.2° (350.2°)	0.72 M
5	58°10.43'	24°03.04'		194.2° (014.2°)	1.98 M
6	58°08.52'	24°02.13'	Kihnu harbour fairway starboard-hand buoy (862)		

Pärnu fairway – Gulf of Riga to Pärnu jõgi

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°06.12'	24°13.86'	starting point to Pärnu fairway distance between starting point and Pärnu approach Idg.l. (871, 872) is 7.24 M	023.9° (203.9°)	16.87 M
2	58°21.48'	24°26.88'	turning point to Seedri Idg.l. (881, 882)	039.0° (219.0°)	1.16 M
3	58°22.38'	24°28.27'	turning point to Silla Idg.l. (891, 892)	026.2° (206.2°)	0.86 M
4	58°23.15'	24°29.00'	end point of Silla Idg.l.		

part 2

Väinameri

Väinameri fairway – Hari kurk to Gulf of Riga through Väinameri

Point No	Position		Directions	Bearing	Distance between waypoints
1	59°08.07'	22°56.59'	turning point to Vormsi N Idg.I. (594, 595)	140.1° (320.1°)	4.68 M
2	59°04.49'	23°02.43'		156.0° (336.0°)	5.69 M
3	58°59.36'	23°06.81'	turning point to Vormsi S Idg.I. (stern, 595, 596)	183.0° (003.0°)	2.58 M
4	58°56.79'	23°06.56'	turning point to Harilaiu Idg.I. (stern, 586, 587)	150.3° (330.3°)	3.63 M
5	58°53.64'	23°09.99'	turning point to Raugi Idg.I. (815, 816)	163.2° (343.2°)	13.93 M
6	58°40.35'	23°17.77'	turning point to Kesse Idg.I. (801, 802)	123.0° (303.0°)	2.02 M
7	58°39.26'	23°21.02'		139.0° (319.0°)	2.54 M
8	58°37.35'	23°24.20'		155.0° (335.0°)	7.13 M
9	58°30.91'	23°30.01'	at Väinameri S pilot boarding place	180.0° (000.0°)	9.82 M
10	58°21.12'	23°30.01'			

Soolarahu fairway – Väinameri fairway to Rohuküla Idg.I.

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°56.79'	23°06.56'	leaving from Väinameri fairway	123.9° (303.9°)	3.41 M
2	58°54.89'	23°12.02'		102.0° (282.0°)	1.97 M
3	58°54.47'	23°15.72'	turning point to Rohuküla Idg.I. (531, 532)	090.1° (270.1°)	

Rohuküla fairway – Rohuküla Idg.I.

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°54.46'	23°09.09'	leaving from Väinameri fairway	090.1° (270.1°)	8.16 M
2	58°54.47'	23°24.83'	end of Rohuküla Idg.I.		

Härjamaa fairway – Rukki channel to Kumari madal

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°54.47'	23°20.11'	leaving from Rohuküla Idg.I. (stern, 531, 532)	193.0° (013.0°)	2.38 M
2	58°52.16'	23°19.07'		203.0° (023.0°)	6.36 M
3	58°46.33'	23°14.29'	turning point to Väinameri fairway (Raugi Idg.I. 815, 816)	163.2° (343.2°)	

Voosi kurk fairway – Väinameri approach from E of Vormsi

Point No	Position		Directions	Bearing	Distance between waypoints
1	59°13.86'	23°26.53'	turning point to Norrby Idg.I. (447, 448)	192.4° (012.4°)	10.71 M
2	59°03.43'	23°22.02'	Voosi safe water buoy (449) turning point to Paslepa Idg.I. (441, 442)	137.7° (317.7°)	1.60 M
3	59°02.25'	23°24.09'	turning point to Uppholm – Hobulaiu N Idg.I. (465, 466)	185.0° (005.0°)	1.20 M
4	59°01.06'	23°23.89'		140.0° (320.0°)	0.19 M
5	59°00.93'	23°24.14'		161.2° (341.2°)	0.34 M
6	59°00.61'	23°24.35'	turning point to Paralepa Idg.I. (471, 472)	152.7° (332.7°)	2.39 M
7	58°58.50'	23°26.49'	turning point to Hobulaiu S – Rukkirahu Idg.I. (481, 482)	213.7° (033.7°)	2.11 M
8	58°56.75'	23°24.23'		184.5° (004.5°)	1.74 M
9	58°55.02'	23°23.91'		192.6° (012.6°)	0.57 M
10	58°54.47'	23°23.67'	Rohuküla Idg.I. (531, 532)		

Ramsi fairway – Voosi kurk approach from E of Hallikivi madal

Point No	Position		Directions	Bearing	Distance between waypoints
1	59°05.48'	23°22.90'	turning point to Ramsi Idg.I. (daymarks 443, 444)	168.3° (348.3°)	3.31 M
2	59°02.23'	23°24.12'	turning point to Uppholm – Hobulaiu N Idg.I. (465, 466)		

Paralepa fairway – Voosi kurk to Haapsalu fairway

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°58.50'	23°26.49'	leaving from Voosi kurk fairway Paralepa Idg.I. (471, 472)	152.7° (332.7°)	1.35 M
2	58°57.31'	23°27.69'	turning point to Kajakarahu Idg.I. (511, 512)	094.2° (274.2°)	

Haapsalu fairway – Haapsalu laht approach from E of Hobulaid

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°56.75'	23°24.22'	leaving from Voosi kurk fairway	060.0° (240.0°)	0.52 M
2	58°57.01'	23°25.10'		070.8° (250.8°)	1.01 M
3	58°57.34'	23°26.94'	turning point to Kajakarahu Idg.I. (511, 512)	094.2° (274.2°)	0.89 M
4	58°57.27'	23°28.65'	turning point to Holmi Idg.I. (517, 518)	073.2° (253.2°)	0.76 M
5	58°57.49'	23°30.04'		049.0° (229.0°)	0.54 M
6	58°57.84'	23°30.83'	thence to Tagalaht harbours		

Hobulaiu fairway – Haapsalu fairway to Sviby fairway N of Hobulaiu

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°57.34'	23°26.94'	leaving from Haapsalu fairway	284.8° (104.8°)	1.45 M
2	58°57.71'	23°24.23'		289.4° (109.4°)	0.38 M
3	58°57.83'	23°23.53'		241.3° (061.3°)	0.58 M
4	58°57.56'	23°22.56'		233.6° (053.6°)	0.76 M
5	58°56.85'	23°20.71'	turning point to Sviby Idg.I.	323.8° (143.8°)	

Soela väin fairway – Soela väin passageway

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°41.39'	22°24.22'	turning point to Emmaste Idg.I. (691, 692) Soela safe water bouy (695)	089.4° (269.4°)	3.51 M
2	58°41.43'	22°30.94'	turning point to Sõru Idg.I. (stern, 701, 702)	310.6° (130.6°)	2.91 M
3	58°39.53'	22°35.15'	Hiiu väin fairway safe water bouy (708)		

Hiiu väin fairway – Soela väin to N coast of Muhu

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°39.53'	22°35.15'	Hiiu väin fairway safe water bouy (708)	088.9° (268.9°)	3.85 M
2	58°39.61'	22°42.51'	Hiiu väin fairway safe water bouy (709)	081.1° (261.1°)	15.97 M
3	58°42.04'	23°12.75'	Hiiu väin fairway safe water bouy (746)		

Kassari fairway – from Väinameri fairway to Orjaku fairway, passage between the islets of Hiiumaa

Point No	Position		Directions	Bearing	Distance between waypoints
1	58°49.22'	23°09.70'		233.5° (053.5°)	2.63 M
2	58°47.66'	23°05.64'		273.5° (093.5°)	0.75 M
3	58°47.70'	23°04.20'		250.9° (070.9°)	3.63 M
4	58°46.51'	22°57.61'		254.6° (074.6°)	5.84 M
5	58°44.96'	22°46.80'		277.3° (097.3°)	0.44 M
6	58°45.01'	22°45.97'			

part 3

Baltic Sea

Vissulaid fairway – approach from Püssirahusilm to the harbours of NE Hiiumaa

Point No	Position		Directions	Bearing	Distance between waypoints
1	59°02.16'	22°54.98'	leaving Hiessaare Idg.l. (625, 626)	243.6° (063.6°)	1.95 M
2	59°01.29'	22°51.60'		268.0° (088.0°)	1.90 M
3	59°01.23'	22°47.92'	Vissulaid fairway safe water spar-bouy (2070)	247.6° (067.6°)	1.00 M
4	59°00.85'	22°46.14'		236.8° (056.8°)	0.22 M
5	59°00.73'	22°45.78'		251.9° (071.9°)	0.15 M
6	59°00.68'	22°45.50'			

part 4

Gulf of Finland

Pakri laht fairway – approach to Pakri laht

Point No	Position		Directions	Bearing	Distance between waypoints
1	59°22.89'	23°58.47'	turning point to Madise Idg.I. (401, 402)	140.0° (320.0°)	4.25 M
2	59°19.63'	24°03.76'	end of Madise Idg.I.		

Kopli laht fairway – approach to Kopli laht

Point No	Position		Directions	Bearing	Distance between waypoints
1	59°29.99'	24°32.58'	turning point to Kopli Idg.I. (355, 356)	133.0° (313.0°)	4.62 M
2	59°26.85'	24°39.21'	end of Kopli Idg.I.		

Karbimadal fairway – approach to Muuga laht from S of Karbimadal

Point No	Position		Directions	Bearing	Distance between waypoints
1	59°34.66'	24°53.68'		147.5° (327.5°)	4.50 M
2	59°30.87'	24°58.44'	turning point to Muuga Idg.I. (181, 182)		

Prangli fairway – approach to Muuga laht from N of Karbimadal

Point No	Position		Directions	Bearing	Distance between waypoints
1	59°35.38'	24°54.74'		125.4° (305.4°)	4.26 M
2	59°32.91'	25°01.57'	turning point to Muuga Idg.I. (181, 182)		

Muuga fairway – approach to Muuga laht between Prangli and Aksi islands

Point No	Position		Directions	Bearing	Distance between waypoints
1	59°41.25'	25°05.14'	Kallavere Idg.I. (145, 146)	189.0° (009.0°)	7.67 M
2	59°33.69'	25°02.76'	Muuga Idg.I. (181, 182)	217.8° (037.8°)	4.49 M
3	59°30.16'	24°57.35'	end of Muuga Idg.I.		

Ihasalu fairway – approach to Muuga laht between Aksi and Rammu islands

Point No	Position		Directions	Bearing	Distance between waypoints
1	59°40.15'	25°09.44'		180.9° (000.9°)	6.18 M
2	59°33.99'	25°09.35'	Karbimadal light beacon (191, sector light)	260.1° (080.1°)	3.67 M
3	59°33.35'	25°02.24'	turning point to Muuga Idg.I. (181, 182)		