

KOKKOLA CHANNEL (13.0 m)

CHANNEL DATA

Alignment and buoyage: From the pilot boarding position NW of Kokkola Lighthouse to the Deep Harbour in Kokkola. Five lines marked by boards. Length approx. 22 km/12 nautical miles. Lateral marks, lit. The channel continues from the Deep Harbour to the General Harbour as a 9.5 m deep channel, the length of which is 3 km/1.6 nautical miles.

Dimensions: Design ship: bulk carrier of 65,000 DWT, L = 245 m, B = 35 m, T = 13.0 m. Partly loaded vessels of 125,000 DWT have also been taken into account. Maximum authorised draught 13,0 m, safe clearance depth outward from Repskär -15.6 m, inward from Repskär -14.8 m (MW2000) and 15,0 m (MW2019), in the harbour basin -14.8 m, -12.1 m and -10.5 m (MW2000). Width 178 m (minimum width) almost throughout the channel. The Repskär and Klädesklippan lines are eccentric with respect to the fairway area (starboard/port 80/120 m). Minimum bend radius 1500 m. Vessel speed in the inner part of the channel 13 knots.

Areas with meeting and overtaking prohibitions: The channel has one permanent area of meeting and overtaking prohibitions, look closer to Bothnia VTS Masters´Guide

<https://tmfg.fi/en/vts/masters-guide>

Anchorage and other special areas: There is a sheltered anchorage area, marked by kardinal marks, in the southern part of the Ykspihlaja line. Depth 14,8 m, silt bottom, diameter of swinging area 900 m. Adjacent to the anchorage area, east of the fairway, there is a narrow area where anchoring is prohibited.

NAVIGABILITY

Navigational conditions: Open sea from Kokkola Lighthouse to Bergbådan, exposed to westerly and north-westerly winds. The channel, which is dredged almost in its entirety, passes from there on between shoals to port.

Ice conditions: The ice is in constant movement between Kokkola Lighthouse and Bergbådan virtually during the whole winter, between Bergbådan and Repskär only in spring and autumn, it may cause buoys and spar buoys to be pressed under ice (surface). The stretch between Repskär and the harbour is, as a rule, covered by fast ice during normal winters.

RECOMMENDATIONS (channel and harbour)

Wind gauges: Marine weather observations, Tankar lighthouse.

Sea level: Pietarsaari mereograph.

TRAFFIC SERVICE

Pilotage: E-mail: pilotorder.west@finnpilot.fi. Order form www.pilotorder.fi. Tel. +358 (0) 400 907 979, fax +358 (0) 29 52 53012. Pilot boarding position Kokkola: 64°00,52' N, 22°49,09' E. Pilotage distance 11 nautical miles to the Deep Harbour, 12 nautical miles to the General Harbour.

VTS: Bothnia VTS, VHF Channel 67. Tel. +358 20 448 7356.

Tugs: Yxpila Hinaus-Bogsering Oy Ab, orders, tel. +358 6 822 6663.

PORT

Quays: *Deep Harbour*: Quay 11, length 205 m, safe clearance depth -14.8 m; Quay 10, length 220 m, safe clearance depth -14.8 m; Quay 9, length 180 m, safe clearance depth -12.1 m; Quay 8, length 100 m, safe clearance depth -10.5 m; Quay 7, length 140 m, safe clearance depth -10.5 m; Quay 6, length 160 m, safe clearance depth -10.5 m, Silverstone quay length 140 m, safe clearance depth -11,5 m.

General Harbour: Quay 1, length 150 m, safe clearance depth -10.5 m; Quay 2, length 150 m, safe clearance depth -10.5 m; Quay 5 (chemical terminal), length 83 m, safe clearance depth -10.5 m. AWT, length of quay 125 m, safe clearance depth -9.3 m, basin 25 m x 125 m, max. height 24 m.

Cargo handling: 4 forty-ton cranes, one ten-ton and one eight-ton crane in the Deep Harbour. Two eight-ton cranes in the General Harbour. One 50-ton bridge crane at the AWT. One 60-ton crane in the port area.

Harbour basins: Diameter of swinging area in the Deep Harbour 900 m, at the chemical terminal 400 m, at Quay 1 and Quay 2 and the AWT 250 m.

Contact: Port of Kokkola
CEO Torbjörn Witting
Traffic Manager Carita Rönnqvist
Port Control

Tel. +358 6 8242 400
Tel. +358 6 8242 400
Tel. +358 44 780 9132
Tel. +358 400 432 694

Fax +358 6 8242 444
Fax +358 6 8242 430



VÄYLÄ

Finnish Transport Infrastructure Agency



Sc = -15,6 m

Pilot
Kokkola

Kokkola lighthouse

(13,0)

Bergbådan

180 m

Tankar lighthouse

190 m

(3,5)

Santapankki

(2,5)

Sc = -15,6 m
MW 2000

Sc = -14,8 m
MW 2000

Repskär

178 m

(3,0)

Klädesklippan

(2,5)

Ø = 900 m

Anchoring prohibited

Sc = -14,8 m

Sc = -15,0 m
MW 2019

200 m

KOKKOLA CHANNEL
(13,0 M)

0 1 2 3 km

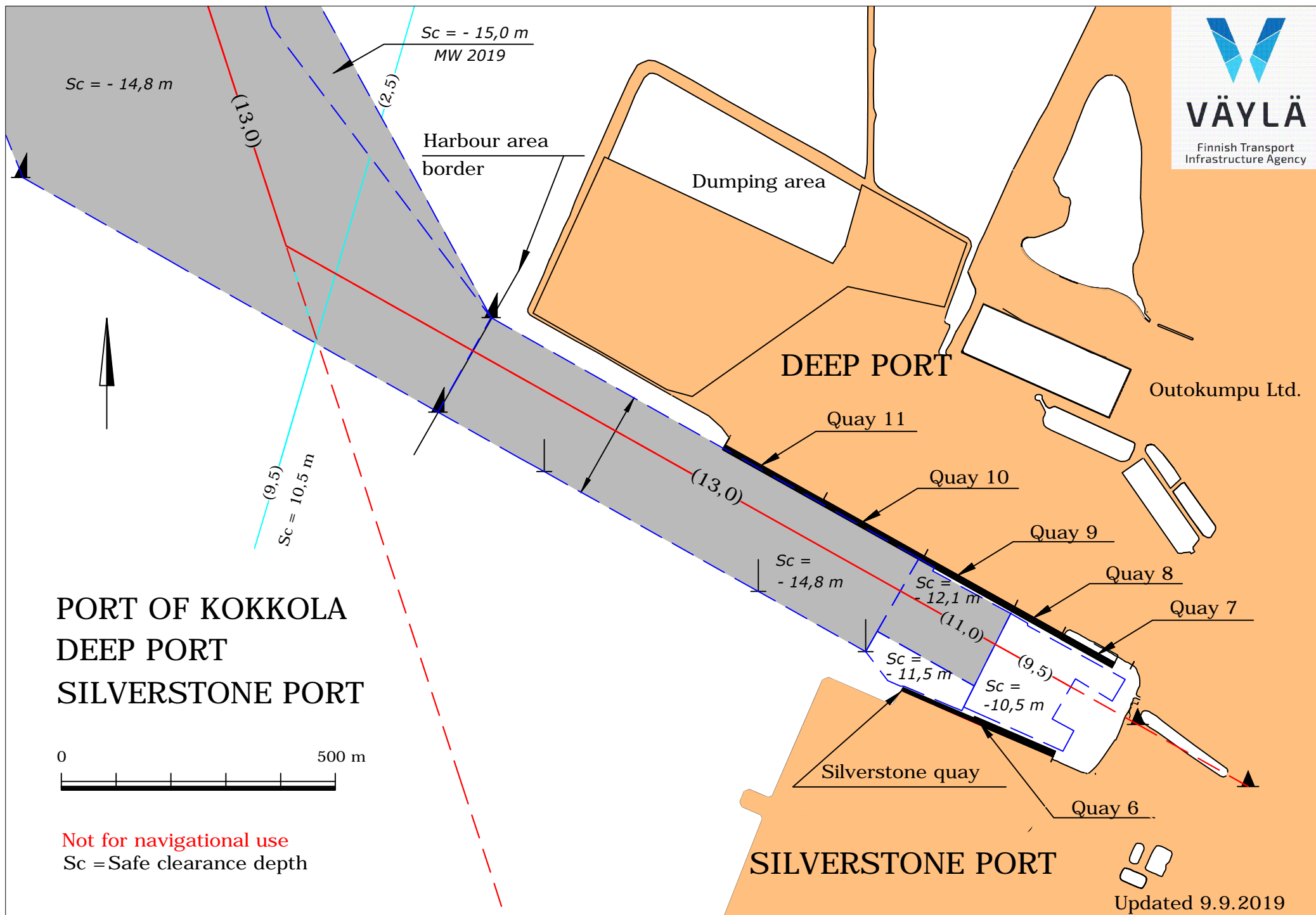
Not for navigational use
Sc = Safe clearance depth

Kokkola deep port

Ykspihlaja

General port

Updated 9.9.2019



**PORT OF KOKKOLA
DEEP PORT
SILVERSTONE PORT**

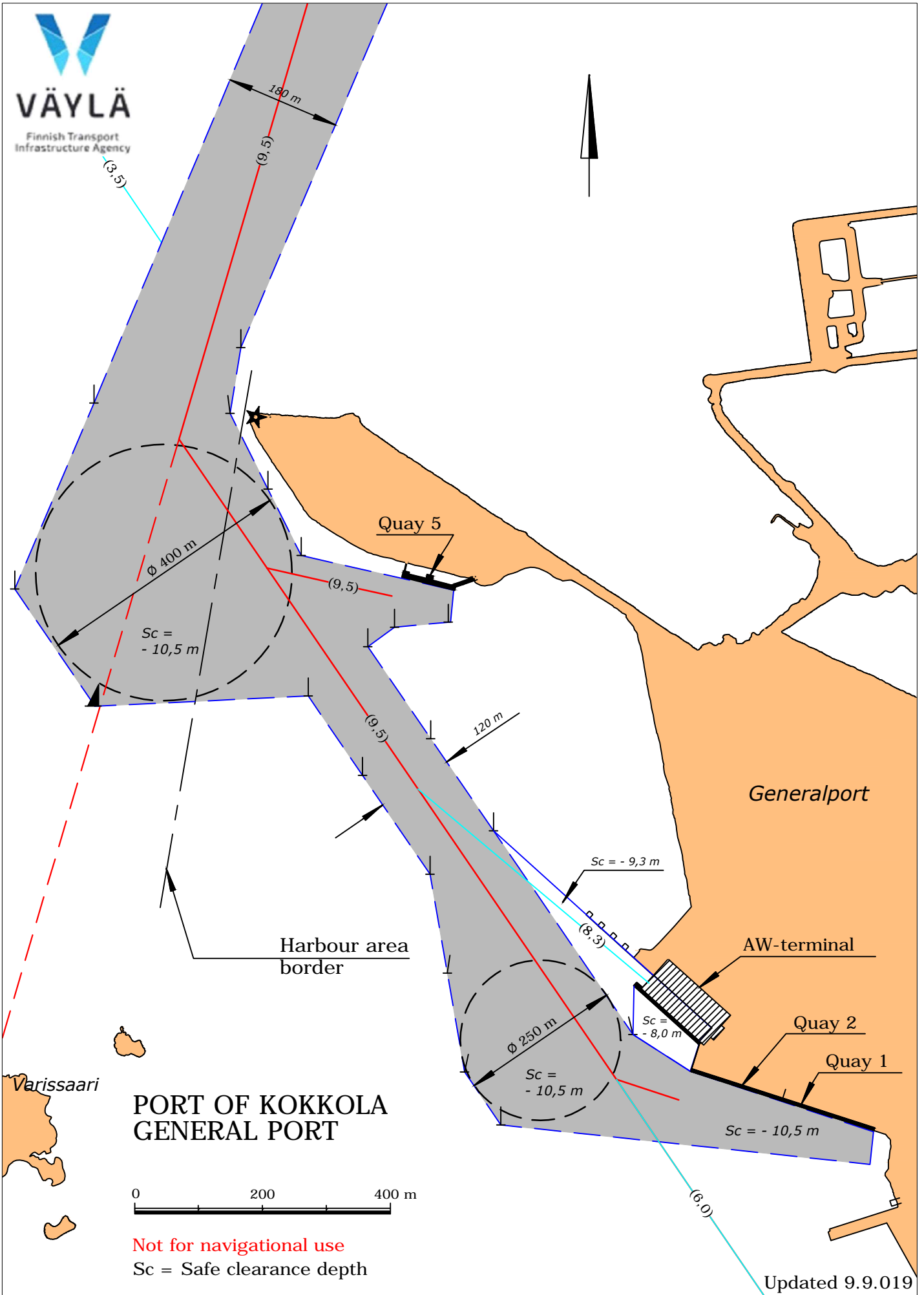


Not for navigational use
Sc = Safe clearance depth

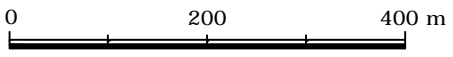
SILVERSTONE PORT



Updated 9.9.2019



**PORT OF KOKKOLA
GENERAL PORT**



Not for navigational use
Sc = Safe clearance depth