

CHANNEL DATA

Alignment and buoyage: Oulu - Kemi fairway starts at the east side of Hanhikari, from Oulu fairway, continues north on the east side of Ulkokrunni towards Kemi, and north of the Kemi 2 radar mark, the channel ends / joins the Kemi Ajos fairway. Fairway has 12 lines, marked with sector lights and boards, length is 82.3 km / 44.4 nautical miles. Lateral marking from Hanhikari to Kraasukka and cardinal marking from Kraasukka to Kemi 2. Lit.

Dimensions: Design ship: L = 210 m, B = 30 m, T = 10.0 m. Design draft 9,8 m. Safe clearance depths at the beginning of the fairway – 11.3 m, and – 11.8 m at the end. Minimum width 312 m. The turning radius in the bends at Hanhikari and Hookana is 600 m; otherwise the minimum turning radius is 400 m. Design speed 8 knots in the beginning Hanhikari – Pohjanletto, and 11 knots in the end Pohjanletto – Kemi 2.

Note: Depth information reference level is N2000 (Baltic Sea Chart Datum 2000 / BSCD2000).

<https://www.traficom.fi/en/transport/maritime/n2000-fairway-and-nautical-chart-reform-improved>

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 areas etc.: The channel is without anchorage- or special areas.

NAVIGABILITY

Navigational conditions: The channel follows the natural trenches, it is fairly unsheltered but well marked. SW-NW winds can create heavy seas. There are two sharp bends on the first leg of the fairway in which vessels should pay attention and navigate with caution. In the Hanhikari bend the alteration of course is approx. 127 degrees and in the Hookana bend the alteration of course is approx. 130 degrees. The narrowest part of the channel is on the Virpiniemi line, width 312 metres.

Ice conditions: In early winter there is ice movement in the whole fairway area. May cause spar buoys to be pressed under ice (surface). On the Hanhikari – Ulkokrunni leg there is approx 50-80 cm thick fast ice from January to April. On the leg between Ulkokrunni and Kemi 2 there is moving ice and ice ridges. The buoys are often pressed below the moving ice.

RECOMMENDATIONS

Wind gauge: Marine weather observations, Hailuoto Marjaniemi, Oulu Vihreäsaari, Kemi 1 lighthouse.

Sea level: Oulu mareograph, outside of Oulu Toppila harbour.

TRAFFIC SERVICE

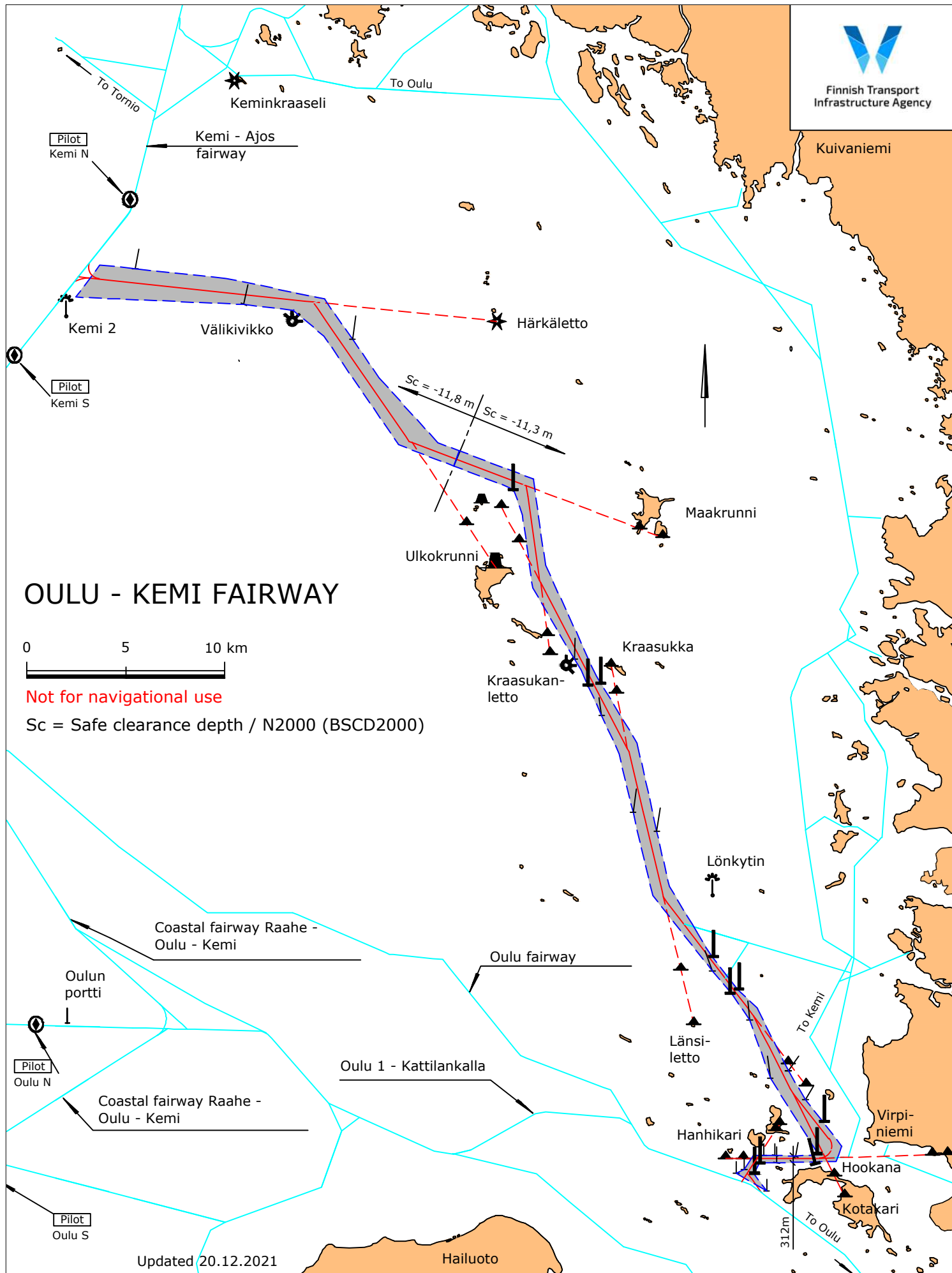
Pilotage: E-mail: pilotorder.west@finnpilot.fi. Order a pilot: www.pilotonline.fi

Telephone: +358 (0) 400 907 979, fax: +358 (0) 29 52 53012. Pilot boarding positions; Oulun portti, Oulu N: 65°11,52' N, 24°20'57' E, Oulu S: 65° 07,14' N, 24°16,57' E, Kemi N: 65°33,10' N; 24°26,90' E.

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Finnish Transport Infrastructure Agency



OULU - KEMI FAIRWAY

0 5 10 km



Not for navigational use

Sc = Safe clearance depth / N2000 (BSCD2000)

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Hailuoto