

### HANKO BYPASS CHANNEL

#### CHANNEL DATA

**Alignment and buoyage:** The Hanko bypass channel starts at the Fläckgrund-Förby channel crossing and continues as a 9.0-metre fairway towards Hankoniemi and eastward W and S of Hankoniemi to the Hanko channel (13.0 m). Length approx. 20.3 km/11.0 nm. 6 lines, marked with boards. Cardinal marking. Lateral marking in the narrows between Smörsten and Lillklippingsgrund. The general direction of the fairway is from west to east. Lit.

**Dimensions:** Design vessel (bulk carrier): l = 180 m, b = 28 m, t = 9,0 m  
Maximum authorised draught 9 m. Safe clearance depth (MW<sub>2005</sub>) -10.4/-10.5 m. Minimum width 98 m. Turning radius 900 m. Design speed 11.0 knots.

**Anchorage areas etc.:** NW of the Gustavsvärn sector light in the anchorage area at the Hanko channel (13.0 m).

There is a permanent prohibition regarding passing and overtaking in the Hanko bypass channel between 59°49,3' N and 59°50,0' N latitudes.

#### NAVIGABILITY

**Navigational conditions:** On Hanko läntinen selkä and off Hankoniemi navigation can be hampered by hard SW wind and heavy seas. The fairway is planned for two traffic lanes, but in some positions the fairway area narrows to one lane.

The narrowest and shallowest place is the area between the edge marks Lillklippingsgrund and Smörsten, width 120 m. Vessels with a maximum draught should take the suction effect into consideration.

**Ice conditions:**

Very variable ice conditions. The fairway can be open all winter or there can be formation of thin ice. Southerly winds can at times cause ridges

**Wind gauge:** Hanko pilot station.

#### TRAFFIC SERVICE

**Pilotage:** E-mail: [pilotorder.south@finnpilot.fi](mailto:pilotorder.south@finnpilot.fi) Order form: [www.pilotorder.fi](http://www.pilotorder.fi).  
Tel.: +358 (0) 400 907 977, fax: : +358 (0) 29 52 53010,  
Pilot boarding position: 59°46,87', 23°00,31'

**VTS:** Helsinki VTS, VHF channel 67. Tel.: +358 20 448 5391 fax: +358 20 448 5380.

**Tugs:** Privately owned tugs available.

