

FAIRWAY CARD

21.3.2007

GULF OF FINLAND WINTER ROUTE

HELSINKI -ORRENGRUND

CHANNEL DATA

Alignment and buoyage: The 9.0 m deep coastal fairway between Helsinki and Orrengrund starts in the entrance to Helsinki and goes W and S of Emäsalo past Pellinki to the bay Orrengundsjärden and further to a position NE of Orrengrund where it meets the 10.0 m deep Orrengrund–Kotka channel. The fairway is marked by boards. Length approx. 109.7 km/59.2 nm. Cardinal marks. Lit.

Dimensions: Authorised draught 9.0 m. Safe clearance depth (MW 2000) -10.4 m. Turning radius 900 m.

Anchorage areas etc.: Anchoring in the anchorage area of the Orrengrund–Kotka channel, SW of Tainio Lighthouse.

NAVIGABILITY

The fairway is more sheltered against winds than the fairway farther out at sea and provides an easier route to the ports along the southern coast of Finland in difficult ice conditions.

Navigational conditions: The section from Helsinki to S of Emäsalo is very well sheltered. The rest of the fairway is dotted by a few islands only and periodically fairly open to southerly winds.

Ice conditions: Southerly winds may cause ridging in the fairway.

RECOMMENDATIONS

Speed:

Visibility:

Wind gauges: At Harmaja (wind gauges of the Finnish Meteorological Institute).

TRAFFIC SERVICE

Pilotage: e-mail pilotorder.south@finnpilot.fi. Order form www.pilotorder.fi.
Tel. +358 20754 6151, fax +358 20754 6161. Pilot boarding position 60°04.3', 24°57.7'.

VTS: Helsinki VTS, VHF Channel 71. Tel. +358 20 448 5391, fax +358 20 448 5380.

Towage: Privately owned tugs.

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Not to be used for navigation

Sc = safe clearance depth

