

## Port Sections Guide

# Port of Rotterdam



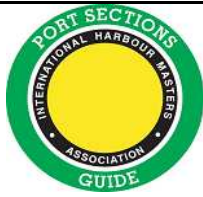
31-1-2014

<b>Section</b>	<b>Calandkanaal</b>
<b>Check</b>	<b>Check Maasmond</b>
<b>Photo/Chart</b>	<b>3, 6, 17, 18, 27, 28, 33 &amp; 34</b>

<b>Position (lat / lon)</b>	51°57'.4N 004°08'.5E
<b>UKC policy alongside</b>	T<17,40: always afloat, UKC recommended 0,30 meter static. T≥17,40: always afloat, UKC recommended 0,50 meter static.
<b>Tidal range</b>	Mean range: 1.95m
<b>Range of water densities</b>	Mean: 1016 kg/m <sup>3</sup> , Min: 1015 kg/m <sup>3</sup> , Max: 1016 kg/m <sup>3</sup>
<b>Bottom type</b>	Mix of mud and silt. Mix rate depends on tidal situation.
<b>Dredging regime</b>	The fairway and berth depths are monitored by regular soundings and when necessary maintained by dredging . Maintained by Port of Rotterdam.
<b>Free text</b>	N/A

<b>Manoeuvre</b>	<b>Arrival</b>
<b>UKC policy</b>	T<17,40: UKC = 0,50 meter static. T ≥ 17,40 At least 1,00 m UKC static
<b>Size restriction</b>	N/A
<b>Tidal restriction</b>	N/A
<b>Wind restriction</b>	N/A
<b>Visibility restriction</b>	N/A
<b>Speed restriction</b>	N/A
<b>Passing requirements</b>	<b>Car carrier.</b> Max speed 8 knots. Passing distance buoys 82, 83 min 100 meter, passing distance dolphins 80 and ETT min 70 meter, passing distance Caldic and buoy 81 min 40 meter. <b>Tanker less than 300.000 T Dwt:</b> Max speed 4 knots. Passing distance buoys 82, 83 min 100 meter, passing distance dolphins 80 min 70 meter. <b>Tanker more than 300.000 Dwt:</b> Max speed 4 knots. Passing distance dolphins 80 and ETT min 100 meter, passing distance buoy 81 min 70 meter. Crossing traffic on arrival of LNG carriers will be regulated.
<b>Tug use</b>	T ≥ 17,40 < 20,00: In case 3 or 4 tugs are used, at least 2 of them should have a BP of ≥ 45 Tons T ≥ 20,00: In case 4 tugs are used, at least 3 of them should have a BP of ≥ 45 Tons <b>Shifting vessels:</b> Same conditions as for arrival manoeuvre. Rendezvous point close to 51°57'.4N 004°08'.5E
<b>Berthing requirements</b>	N/A
<b>Free text option</b>	N/A

<b>Manoeuvre</b>	<b>Departure</b>
<b>UKC policy</b>	See arrival
<b>Size restriction</b>	Because the ship is sailing against the incoming tide, the maximum draught on departure is 21,50 meters.
<b>Tidal restriction</b>	N/A



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<b>Wind restriction</b>	N/A
<b>Visibility restriction</b>	N/A
<b>Speed restriction</b>	N/A
<b>Passing requirements</b>	See arrival
<b>Tug use</b>	<b>L ≥ 300 meter:</b> In case 2 or more tugs are used, at least 1 of them should have a BP of ≥ 45 Tons
<b>Unberthing requirements</b>	N/A
<b>Free text option</b>	N/A