

Port Sections Guide

Port of Rotterdam



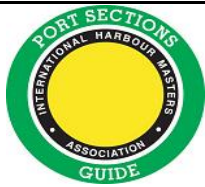
29-9-2011

Section	Waalhaven
Check	Check Maasmond, Nieuwe Waterweg & Nieuwe Maas
Photo/Chart	64, 67, 68 & 69

Position (lat / lon)	51°53'.6N 004°26'.5E
UKC policy alongside	Always afloat, UKC recommended 0,30 meter static.
Tidal range	Mean range: 1.80m
Range of water densities	Mean: 998 kg/m ³ , Min: 997 kg/m ³ , Max: 998 kg/m ³
Bottom type	Mix of mud and silt. Mix rate depends on tidal situation.
Dredging regime	The fairway and berth depths are monitored by regular soundings and maintained by dredging when necessary. Maintained by Rotterdam Port Authority.
Free text	N/A

Manoeuvre	Arrival
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UKC policy	UKC = 0,50 meter static.
Size restriction	L max 310 meter.
Tidal restriction	<p>Bulkcarriers, L ≥ 200 m. and / or T ≥ 11.0 m: HW R'dam -3.15 till HW R'dam -1.45 and HW R'dam + 0.30 till HW R'dam +2.00. max high tide 0,8 kn max low tide 0,7 kn.</p> <p>Vessels other than bulkcarriers L ≥ 230 m and < 290 meter and T ≥ 11.0 m: T < 11.0 m: HWR till HWR -1.15 T ≥ 11.0 m and < 12.2 m: HWR till HWR -1.15 max high tide 1,1 kn. Attention: from HWR +2.00 till HWR -3.15 with tugs, one tug BP ≥ 45 T, max eb current 2 knots. T ≥ 12.2 m and < 13.0 m: HWR till HWR -1.45 Attention: from HWR +2.00 till HWR -3.15 with tugs, one tug BP ≥ 45 T, max eb current 1,5 knots max high tide 1,1 kn max low tide 2,0 kn. T ≥ 13.0 m: HWR -4.45 till HWR -1.45 and HWR +0.30 till HWR +3.00 Attention: from HWR -4.45 till HWR -3.15 and HWR +2.00 till HWR +3.00 with tugs, one tug BP ≥ 45 T, max eb current 1 knots. max high tide 1,1 kn max low tide 1,5 kn.</p> <p>Vessels other than bulkcarriers L ≥ 290- m: T < 11.0 m: HWR till HWR -1.45, with tugs, one tug BP ≥ 45 T, max eb current 1,5 knots max high tide 1,1 kn max low tide 1,5 kn. T ≥ 11.0 m and < 13.0 m: HWR +0.30 till HWR +3.00 and HWR -4.45 till HWR -1.45 with tugs, one tug BP ≥ 45 T, max eb current 1 knots. max high tide 0,7 kn max low tide 1,0 kn. T ≥ 13,0 m: HWR -3.15 till HWR -1.45 and HWSR +0.30 till HWR +2.00 with tugs, one tug BP ≥ 45 T.</p>
Wind restriction	N/A
Visibility restriction	N/A
Speed restriction	Maximum 5 - 6 knots on the river if UKC < 10%.
Passing requirements	Minimum passing distance between pier 6 and 7 100 meters at all times.
Tug use	L ≥ 230 meter must use tugs with BP ≥ 27 tons. L ≥ 290 meter must use tugs, at least one tug with BP ≥ 45 tons. Number of tugs to be determined by pilot. Rendezvous point close to 51°53.7'N, 004°20.0'E



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Berthing requirements	N/A
Free text option	Vessels larger than 220 meter might be escorted at the basin entrance and at the south side of the basin.

Manoeuvre	Departure
UKC policy	See arrival
Size restriction	N/A
Tidal restriction	<p>L ≥ 230 m and < 290 meter: T < 11.0 m: HWR till HWR -1.45 max high tide 1,1 kn. Attention: from HWR till HWR +0.30 with tugs, one tug BP ≥ 45 T. T ≥ 11.0 m and < 13.0m: HWR till HWR -1.45 max high tide 1,1 kn max low tide 1,5 kn. Attention: from HWR till HWR +0.30 with tugs, one tug BP ≥ 45 T and from HWR +3.00 till HWR - 5.45 with tugs, one tug BP ≥ 45 T, max eb current 1,5 knots. T ≥ 13.0 m: HWR -2.45 till HWR -1.45 and HWR +0.30 till HWR +1.30, with tugs, one tug BP ≥ 45 T max high tide 0,8 kn max low tide 0,5 kn.</p> <p>L ≥ 290 meter: T < 11.0: HWR till HWR -1.45, with tugs, one tug BP ≥ 45 T. max high tide 1,1 kn. T ≥ 11.0 and < 13.0 m: HWR till HWR -1.45, with tugs, one tug BP ≥ 45 T. max high tide 1,1 kn max low tide 1,5 kn. Attention: from HWR +3.00 till HWR -5.45 max eb current 1,5 knots. T ≥ 13.0 m: HWR -2.45 till HWR -1.45 and HWR +0.30 till HWR + 1.30, with tugs, one tug BP ≥ 45 T.</p>
Wind restriction	N/A
Visibility restriction	N/A
Speed restriction	N/A
Passing requirements	See arrival
Tug use	L ≥ 290 meter must use tugs, at least one tug with BP ≥ 45 tons. One tug or 45 ton BP can be replaced by one conventional tug with min. 25 T BP and 1 VS, ASD or tractor tug of min. 30 T.
Unberthing requirements	N/A
Free text option	N/A