



# RT RAVEN

## ART 100 - 46

General Information	
Vessel Name	RT Raven
Designer	Rotortug B.V. & Robert Allan Ltd.
Built	2018 (Damen Shipyard Sharjah)
Classification Society	Bureau Veritas
Class Notation	1+ Hull, Tug, + Mach, Fire Fighting Ship 1 with Waterspray, Anchor Handling Vessel, AUTUMS, DYNAPOS AT R, Inwatersurvey, Cleanship
Flag	Bahamas
Port of Registry	Nassau
Dimensions	
Length overall	47.08 metres
Beam (moulded)	16.00 metres
Depth, (moulded)	6.80 metres
Design Draft	7.83 metres
Gross tonne	1251.00 tonnes
Clear deck Area	190 m <sup>2</sup>
Deck loading	5T / m <sup>2</sup>
Minimum Performance Requirement	
Bollard pull, ahead	Aprox. 100 tonnes
Bollard pull, astern	Aprox. 100 tonnes
Maximum Speed	Aprox. 13.5 knots
Operating Speed	Aprox. 10.0 knots
Dynamic Positioning Systems	
DP classification	DP2
DP System	NAVIS NavDP 4000
Tank Capacities (Approximate)	
Fuel oil	452.70 m <sup>3</sup>
Potable water	67.00 m <sup>3</sup>
Sewage	15.20 m <sup>3</sup>
Fresh Water Ballast	237.30 m <sup>3</sup>
Sludge	7.40 m <sup>3</sup>
Oily water tank	7.40 m <sup>3</sup>
Dispersant tank	6.20 m <sup>3</sup>
Accommodations	
Accommodations	22 Berths
Number of cabins	4 single, 9 double

Main and Auxiliary Engines	
Propulsion Engines	3 x CAT 3516C-HD (3 x 2240 kW)
Z-drives Units	3 x Schottel SRP 1515
Stem tunnel thruster	1 x Schottel STT 0170 T-FP
Ship Service Generator	2x Caterpillar C18 (450 ekW) 1x Caterpillar C9.3 (200 ekW)
Emergency Generator	1 x Caterpillar C4.4 (82 ekW)
Deck Equipment	
Fore winch maker	DMT
Fore winch type	TW 011 - W 800 kN
Fore winch brake	2500 kN (first layer)
Fore winch max pull	800 kN
Fore winch drum cap	"Split drum" Max. capacity 2x 768 m of 64 mm / 11 layers Installed
Aft winch maker	DMT
Aft winch type	AHTW-E 800 kN
Aft winch brake	2500 kN (first layer)
Aft winch max pull	800 kN
Aft winch top drum cap	Max. capacity 1700 m of 56 mm steel wire / 10 layers Installed 875 m of 56 mm steel wire
Aft winch bottom drum cap	Split drum Max. capacity 2x 768 m of 64 mm / 11 layers Installed
Tugger Winch	2 x 120 kN
Capstan	2 x 50 kN
Towing pins	100 T Kooiman Delta Pin
Retractable towing fairlead (omega pin)	100 T Kooiman Omega Pin
Stem roller	Yes (L x D = 4100 mm x 1600 mm)
Deck crane	HS Marine AKC 100 LHE4
Life Saving / Rescue / Pollution Control	
Fast rescue craft	Diesel Inboard Engine (type Mako 655)
Workboat	RHIB type, NORSAFE 615 Merlin (waterjet)
Life Rafts and Davit	4 x 25 man
Firefighting 1 + ½	1 x 1200m <sup>3</sup> /hour + 1 x 600m <sup>3</sup> /hour



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