



Principal Characteristics tug RT Spirit

Call sign	PIAE	IMO number	9190054
Length	31,63 mtr	Beam	12 mtr
Draft	5,90 mtr	Air draft	21 mtr
Gross tonnage	449	Nett tonnage	134
Classification	G.L.  100-A5-E Tug  MC.E.Aut		

Technical Characteristics tug RT Spirit

Built	1999	Flag Homeport	Dutch Rotterdam
Main engines	3 x Caterpillar 3516B DI TA	Auxiliary engines	2 x 142 kw Caterpillar 3306 1 x Perkins 22 kw
Kilowatt	4.698 kw	Break horse power	6.300 hp
Bollard pull	78 tn	Maximum speed	12,5 knots
Towing equipment	<u>Aft. towing winch:</u>	Manoeuvrability	3 x Z-drives Schottel SRP 1212 FP
	<ul style="list-style-type: none"> 1 upper drum 650 mtr 56 mm steel wire 2 lower drums capacity 200 mtr 56 mm steel wire 	Accommodation	3 single cabins, 2 double cabins
	<u>For towing winch:</u>	Fire fighting	Fire pump, 600 m ³ /hr
	<ul style="list-style-type: none"> 1 drum capacity 200 mtr 56 mm steel wire <p>Various pennants, shackles etc.</p>	Bunkers	<ul style="list-style-type: none"> Fuel: 177.500 ltr Fresh water: 25.600 ltr Ballast water: 113.600 ltr
Communication Navigation	<ul style="list-style-type: none"> 2 x Radar Autopilot Gyro-compass Magnetic compass 2 x DGPS 	<ul style="list-style-type: none"> MF/VF Radio DSC 2 x VHF DSC 2 x VHF Handheld Navtex Epirb 	<ul style="list-style-type: none"> Sart Ais Joystick Satcom GSM Mobile phone