



"GPS AVENGER" | Shallow Draft Anchor Handling Tug / Utility Vessel

Classification / Flag:

Flag / homeport	UK, London
Year of built	2013
Classification	Bureau Veritas I ✘ HULL ✘ MACH Tug <i>Unrestr. Navigation MCA Cat 1</i>
Class valid up to	2023
Call sign	2GVV2
IMO number	9681675
MMSI number	235100957

Dimensions:

Length O.A.	27,02 meters
Beam / width	9,35 meters
Depth at sides	3,60 meters
Draft (min. – max.)	2,56 – 3,00 meters
Air draft (min. – max.)	9,50 – 16,0 meters
Gross & Net tonnage	141,6 GT/NT
Clear deck area	46 m ²
Cargo cap.	3x 1 TEU
Cargo deck load	10 tons per m ²

Tank capacities / Transfer:

Fuel oil / gasoil	125.100 liters
Fresh water	30.000 liters
Transfer of gasoil	15 m ³ /hr
Transfer of fresh water	15 m ³ /hr

Accommodation:

Facilities	Airconditioned 7 berths
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Navigation & Radio:

2x Radar, Echo sounder, ECDIS, V-Sat, GSM, AIS, Navtex, Autopilot, SSB/DSC, 2x Compass, SART, Speed log, 4x VHF, 2x Mini-C + GMDSS, GPS, Inmarsat-C, 2x Searchlight 2000W

Machinery / Performances:

Bollard pull	38,8 tons
Max speed	11,9 knots
Main engines	2x Caterpillar 3512C TA/A
Total output	2.238 kW = 3.000 BHP
Propulsion	Twin fixed propellers in nozzles
Diameter propellers	2,10 meters
Bow thruster	200 BHP, hydraulic driven
Generator sets	2x Caterpillar C-4.4 TA
Generator hydraulic	1x Caterpillar C-09 TA, 269kW
Generator power	2x 86,3 kVA, 50Hz, 230/400V

Deck Equipment:

Winch	DMT Waterfall Winch
Towing drum	Pull Force 50T, Holding F. 120T 850 meters x 40 millimeters
Anchor handling drum	Pull Force 100T, Holding F. 120T 650 meters x 40 millimeters
Tuggerwinch	Dromec HPV12000, 12 tons(m)
Towing pins	Double pin, SWL 50 ton
Chain stopper	Yes, SWL 75 ton
Push bow	Double rubber fender suitable for bow landing operations
Coupling winches	2x 40 tons for pushing mode
Stern roller	4 mtr x 0,96 mtr, SWL 50t
Main marine deck crane	Heila HLRM 140-4SL
Maximum lift capacity	5,3 tons(m) at 18,03 meters
Crane winch	SWL 5,0 tons

kg	16.800	11.900	8.500	6.550	5.300
m	7,69	10,24	12,79	15,34	18,30

Survey Equipment:

Moonpool	Situated forward peak
Digital Plough Monitoring System	Tower Software Ltd, real time Digital progress system and log

"GPS AVENGER" | General Arrangement

