

Giessenstroom



Anchor handling tug supply vessel

IMO nr.	9411109
Call sign	PHIF
Type	Shoalbuster 3009
Constructed	2006
Bollard Pull	45.9 tons
Speed	11.6 knots
Free deck space	80 m ²
Deckload	15.0 - 3.0 ton/m ²

Basic functions

Towing, Mooring, Pushing, Anchor Handling,
Supplying, Surveying, Ploughing, Crew Transfer

GRT / NT	309 / 92
Dimensions	30.08 x 9.35 x 4.40 mtr.
Draft (min. / max.)	2.60 / 3.20 mtr.
Air draft (min. / max.)	12.10 / 17.60 mtr.
Displacement	550 tons

Tank capacities	Fuel oil	175.0 m ³	Sludge	4.0 m ³	Bilge water	4.3 m ³
	Lub oil	7.0 m ³	Fresh water	40.3 m ³		
	Hydr. oil	3.0 m ³	Sewage	3.0 m ³		

Transfer pumps Fuel & Water, 50 m³/hr. @ 4.8 bar

Nautical equipment Radar (sea/river) - Radar (sea) - Magnetic compass - Gyro compass - Auto pilot - GPS / Satellite navigation system - AIS
2x Echo sounder - Speedlog - Weatherfax
3x VHF + DSC - SSB Radio - Navtex - 2x Inmarsat-C - EPIRB - SART - Satcom + GSM - FBB

Deck equipment Hydr. crane, Heila, type HLRM-170-3 SL, 170 T/m (10T. - 14 mtr. / 12.5T. - 12 mtr.)
Towing winch, Ridderinkhof, WF - 900 / 600 mtr., Ø 40 mm steel wire, power 50 / 75 tons
Anchor handling winch, Ridderinkhof, 60 mtr., Ø 51 mm steel wire, power 100 / 125 tons
Tugger winch, Brevini, 75 mtr., Ø 18 mm steel wire, power 8 tons - Hydr. Towing pins
Stern roller, L 4.00 mtr., Ø 800 mm, SWL 100T - Towing hook, SWL 45T
Workboat (steel) / 20 HP, Towing bitt - Capstan, 440 mm - Push bow

Special equipment AC/CV installation
Air Compressor, ABAC, type 5900 400 VAC, cap. 19.2 m³/hr. @ 9 bar - 150 li.

FiFi equipment FiFi set (mobile), 1 x Cummins, type NT-855-G6, cap. 605 m³/hr @ 11 bar

Accommodation 8 persons

Classification BV - I HULL • MACH / Tug, Special service - multi purpose ship / Unrestricted navigation • AUT-UMS
NSI - Unrestricted navigation

Engines	2x Caterpillar, type 3512B TA/C, each 1.230 kW / 1.672 HP @ 1600 rpm
Gear Boxes	2x Reintjes, type WAF 772, reduction 6.44:1
Generator Sets	2x Caterpillar, type 3056 DIT, each 105 kVA, voltage 230/400 V - 50 Hz
Hydro Set	1x Caterpillar, type C 18 TA-B, 357 kW / 479 HP @ 1800 rpm
Propulsion	2x Fixed pitch propeller in Kort Nozzle (Ø 2250 mm)
Bow Thruster	Hydraulic driven FPP, 184 kW / 250 HP (Ø 860 mm)



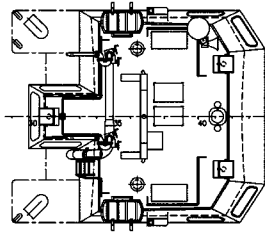
Van Wijngaarden Marine Services BV

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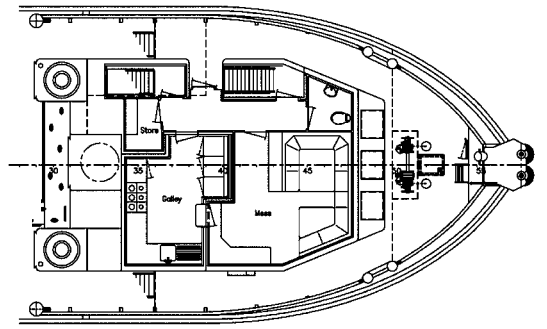
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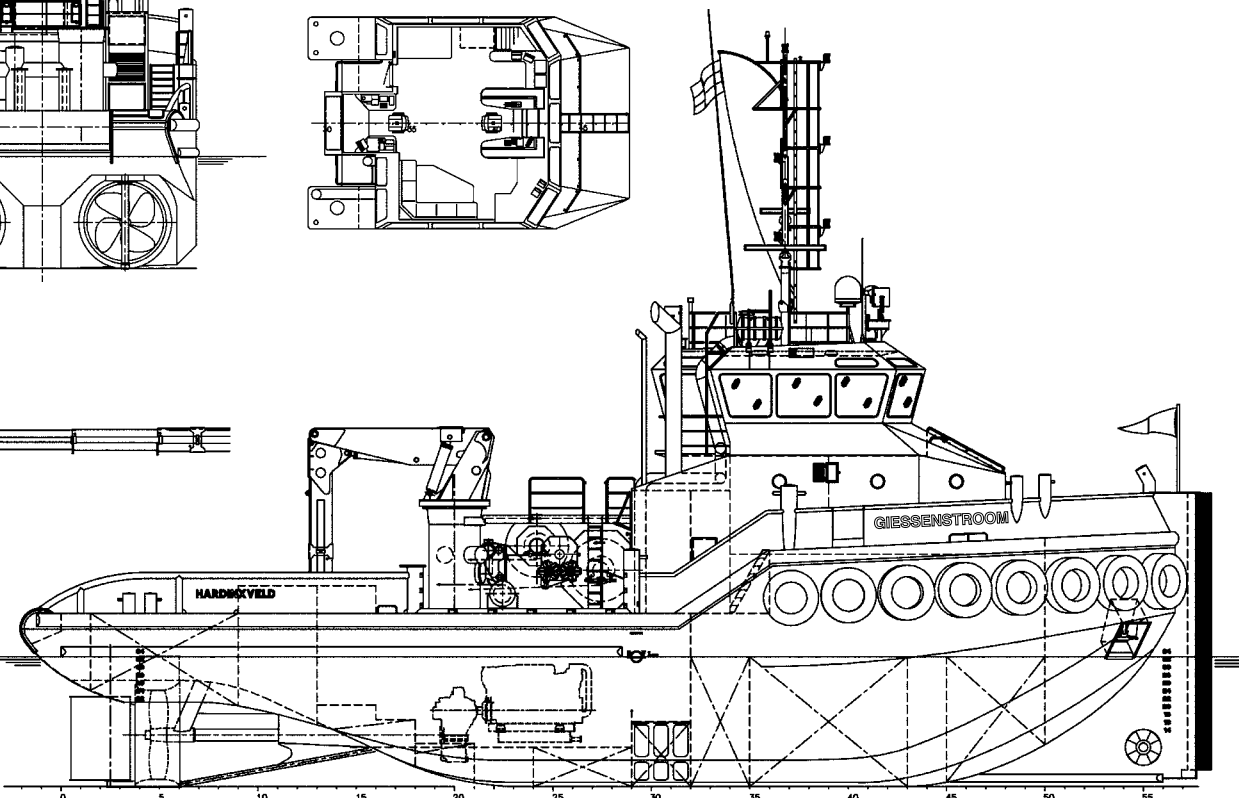
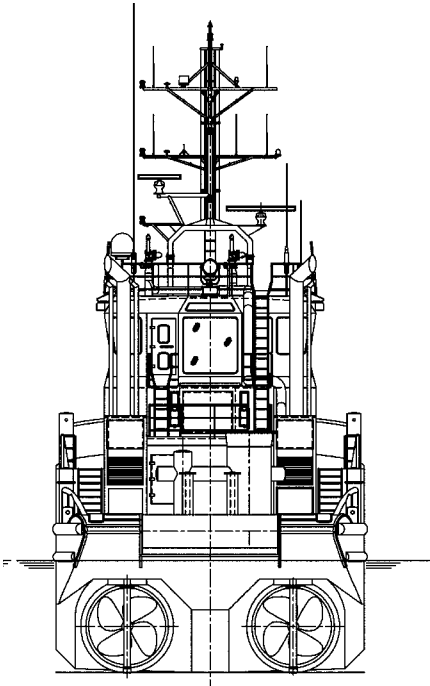
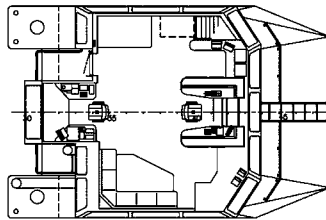
Topdeck



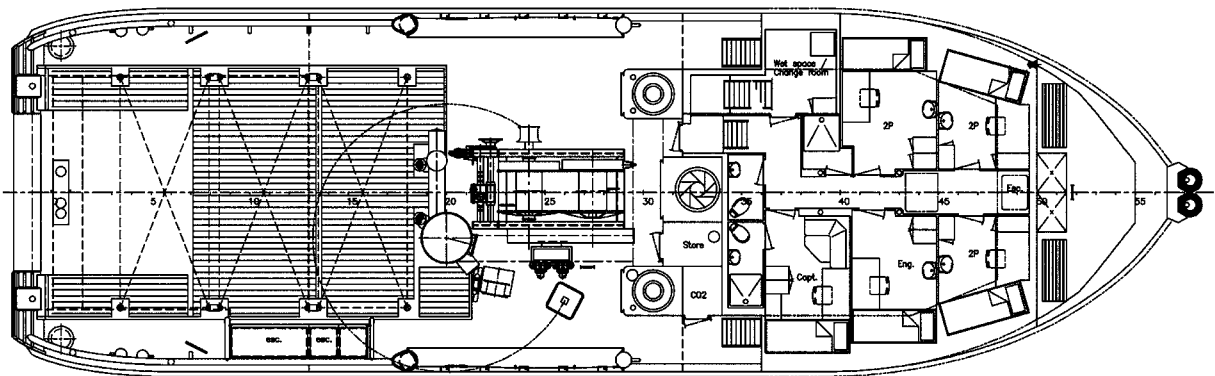
Forecastledeck



Wheelhousedeck



Maindeck



Below maindeck

