

Tug boat "MUSTANG"

Technical specifications



General

Vessel	MUSTANG
Type of vessel	AHTS
Call sign	5BZD2
IMO Number	9555383
AAIC code	Vizada (DP03)
MMSI	212854000
Class	Bureau Veritas 1 * HULL * MACH Tug, Unrestricted Navigation, AUT UMS
Nat. Authorities	Dutch Shipping Inspection Unrestricted GMDSS Sea Area: A1, A2, A3
Gross Tonnage	332 t.
Nett Tonnage	99 t.
Owner	IPPO MARINE LIMITED
Yard	Gebr. Kooiman
Speed	13.5 kn
Bollard Pull	82-87.2 ton

Dimensions

Length overall	30.80 mtr.
Beam overall	11.00 mtr.
Depth at sides	4.10 mtr.
Draught aft	3.60-4.10 mtr.
Deck area	100 m ² free deck space
Deckload	7 t/m ²



Propulsion system

Main engines	2 x Mitsubishi type S12 U MPTK
Output	2 x 3040 bhp
Gearboxes	ZF Masson type W 20500 1/5 red
Propulsion	2 fixed props in short nozzles
Diameter	2.80 mtr.
Bow-thruster	240 kW

Auxiliary system

Generator sets	2 x Mitsubishi 6D 16T
Capacity	2 x 140 KVA
Hydraulic set	1 x Mitsubishi type S A3 MPTK 600 hp
Transfer pumps	Water and fuel 2 x 50 m ³ p hr
Fuel separator	2 x Alfa Laval MIB 303, 1100 ltr p hr

Deck Equipment

Deck crane	«HEILA» 200 tm
Anchor handling / Towing winch	Kraaleveld Main drum 1000 mtr 58 mm 2 nd drum 700 mtr 58 mm Karmoy fork and towing pins 2 x 500 mm 8500 x 1800 dia mtr 8500 kn wire 18 mm 40 mtr
Towing pins	
Push bow	
Stern Roller	
Tuggerwinch Pull	

Tank Capacities

Fuel oil	223 m ³
Fresh water	18 m ³
Luboil	3.6 m ³
Hydraulic oil	1.5 m ³
Sewage	4.8 m ³

Nautical Equipment

GMDSS Epirb	Tron-40 S tronsart
GMDSS VHF	2 x handsets
Deck handsets	3 x Entel submersible
VHF Wheelhouse	6 x VHF Sailor, 2 x with DSC
Radar system	2 x Furuno 2117 with Arpa
SSB Furuno	FS 2570 250 watt pep
Electronic Chart System	2 x Furuno type FEA 2107
System	2 x Transas Navisallor
Autopilot	RZ Seapilot 75
Inmarsat C	2 x Furuno Falcon 15
Echo sounder	Furuno FE 700
DGPC	2 x Furuno GP 150 with SSAS facility
AIS	Furuno FA 150
Gyrocompass	Tokimec ES 150
Nav. Echo sounder	Furuno NX 700 + 701
Doppler log	Furuno DS 80
Accommodation	8 pers
Airco	All cabins
Telephone/Fax/E-mail	GSM and Satellite

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