

FMB11266 – Harbour and Deep Sea Towing Tug



Flag: Sent Kitts and Nevis

Builder: President Marine PTE LTD

Designer: Conan WU & Associates PTE LTD

Year: 1992

Class: Lloyd's register class 100 A1, tug service, LMC. Unrestricted navigation, GMDSS class A1+A2

Hull Type: Deep - V

Hull Material: Iron

Length Overall: 29.02m

Waterline Length: 27.08m

Beam: 8.62m

Draft: 3.77m

Air Draft: 4.11m

Displacement: 438 metric tons

Max speed: 11 knts,

bollard pull ahead: 31.3 t.

Net tonnage 65 t, Gross tonnage 219 t, light weight 243 t, DWT – 227.8 t.



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Engine(s)

2 x Diesel - Shaft drive. 2 x YANMAR diesel engines, type M220 totaling x 883 kW @ 1000 prm (totaling 3500 bhp), running on GO, each driving 1 FP propeller through reduction gearbox. Running hrs for each of M/E 5410 since last full overhauling. Steering: 2 x rudder.

Electrical System

3x380V@50Hz, 220V AC, 24V DC. Power delivery: 2 gensets, CUMMINS 6BTS9G2, each 60 kW. CO2, fire pump, air - starting, pre-starting heating system fitted, main air - compressor, emergency diesel - air - compressor fitted. All engine room equipment is believed to be in excellent condition and continued good Dutch maintenance.

Accommodation

Crew - 5 person, 3x1 cabins + 1x6 cabin. Fully air-conditioned, provision room, galley, mess, sanitary block (toilet + shower).

Capacities

Ballast water 13.0 cbm,
Fresh Water - 18.59 cbm
Gasoil - 164.6 cbm.

Towing

Towing winch aft #1 - make Plimsoll, 1 single drum, break holding 45 t with towwire 250 m. Towing hook aft # 1 - make Mampaey, SWL 50 t with quick release. Anchor winch forward # 1 - 2 anchoring chains, 2 warping heads.

Documents

LR documents in range till 29.08.2012. Last dry-dock 04.2010 - next dry-dock 21.03.2012. Last periodical survey passed 27.07.2010 - next 10.2011. Last PSC 13.05.2011 (form B - nil).

Last ultrasonic measurement done 22.03.2007 (max less 5 %)

Navigation Equipment

1 X-band FURUNO radar, 2 magnetic compass, 2 GPS navigator, 1 Satellite compass, 1 Autopilot system, 1 plotter with electronic charts & AIS navigation system, 1 echo - sounder. Communication equipment: 1 SAILOR EPIRB, 1 SAILOR SART, 1 NAVTEX, 2 VHF system SAILOR, 1 VHF system DSC SAILOR, 2 VHF GMDSS portable SAILOR, 1 MF/HF with DSC station, 1 GMDSS approved battery charges, 1 AIS class B, 1 MFC scanner.