AZIMUTH STERN DRIVE TUG 2913
“MV CHIDIEBUBE”

GENERAL
Yard number  513119
Delivery date September 2018
Basic functions Push-pull, towing, mooring and fire-fighting operations
Classification Bureau Veritas
I X HULL ● MACH Escort Tug
Unrestricted Navigation AUT UMS, Fire Fighting ship 1, CLEANSHIP, INWATERSURVEY
Flag St. Kitts and Nevis
Owner C&I Leasing PLC

DIMENSIONS
Length overall 29.10 m
Beam overall 13.23 m
Depth at sides 5.35 m
Draught aft 5.70 m
Displacement 830 t
(98% consumables)

TANK CAPACITIES
Fuel oil 105.5 m³
Fresh water 17.6 m³
Sewage 5.3 m³
Lubrication oil 2.8 m³
Hydraulic oil 0.36 m³
Sludge 2.4 m³
Bilge water 5.2 m³
Foam 9.2 m³
Dispersant 6.1 m³

PERFORMANCES
Bollard pull ahead 80.3 t
Bollard pull astern 75.2 t
Speed ahead 14.0 kn
Speed astern 13.8 kn

PROPELLION SYSTEM
Main engines 2x Caterpillar 3516C HD+ TA/D
Total power 5050 kW (6772 bhp) at 1800 rpm
Thrusters 2x Rolls Royce US 255 P30 CP
Slipping clutches Rolls Royce ‘built in’ type
Propeller 2800 mm
 Forced ventilation 40,000 m³/h

AUXILIARY EQUIPMENT
Generator sets 2x Caterpillar C7.1 TA, 230/400 V, 125 kVA, 50 Hz
General service pumps 2x Sterling AKHA 6101 each 34 m³/h
Fuel pumps Sterling AKHA 5101 and AOH 3101
Fuel oil purifier Westfalia OTC 3-02-137, 1740 l/h
Fuel oil monitoring Fuetran
Cooling system Box cooling + anti-growth system
Cooling system Sterling HBK 111 / AOHA 3101
Fresh water pressure set Double main engine driven pumps
Hydraulic system Technicomar Ecomar 32
Sewage treatment plant Dispersant pumpset with 2 spraybooms
Oil pollution control Diesel driven pumps 2400 m³/h
Fuel monitors 2x 1200 m³/h, water/foam

DECK LAY-OUT
Anchor 2x 427.5 kg Pool (High Holding Power)
Anchor/towing winch Hydraulically driven two speed winch with double drum and warping head, pull 38 ton at 11.4 m/min, slack rope speed 35 m/min, 200 ton brake
Capstan Electrically driven, 5 ton at 15 m/min
Crane Heila HLRM 65-2S, 13.80 ton at 4.67 m
Buoy Clamp SWL 10 ton
Towing hook aft SWL 100 ton
Aft winch Hydraulically driven two speed single drum with spooling device, pull 38 ton at 12 m/min and reduced pull at 38 m/min, 200 ton brake
Fendering D-fender at sides, cylinder fender at transom corners, D-fender at stern, cylinder bow fender and W-block fender with waterspray

ACCOMMODATION
For 12 persons, insulated and finished with durable modern linings, acoustical ceiling in the wheelhouse, floating floors and air-conditioned. With 7 cabins, galley, mess/dayroom, switchboard room, dry store, changing room, store, engineer’s workshop and sanitary facilities.

NAUTICAL AND COMMUNICATION EQUIPMENT
Searchlights 2x Norselight 2000 W
Radar system Furuno FAR-3117 with 19” LCD screen
Speedlog Furuno DS-80
Compass Cassens & Plath, type Kotter
Autopilot Simrad AP-70
GPS Furuno GP-170
Echosounder Furuno FE-800
VHF 2x Furuno Compact 6222, 25 W
VHF hand-held 2x Jotron Tron TR-3D
SSB Furuno FS-1575
Inmarsat 2x Furuno Felcom 18
Navtex Furuno NX-700A
AIS Furuno FA-170
EPIRB Jotron Tron-60S
Sart Jotron Tronsat20
Anemometer Windsonic OMC 115

DAMEN