



Petroleum Marine Services Co.

PMS 3308 DPII AHTS



www.pmsoffshore.com





PRINCIPAL PARTICULARS:

Year of Built : 2009
 Flag : Egypt
 Class : LR
 Length Overall : 67.30M
 Length BP : 60.10M
 Breadth Moulded : 17.00M
 Depth Moulded : 8.00M
 Draft Moulded : 4.5/5.5M
 Gross Tonnage : 2441 t (approx)
 Bollard pull : 83 mt (approx)
 Trial Speed : 12.0 knots (approx)
 Class Notation : ✕100A1 Anchor Handler Tug Supply Ship. Fire-Fighting ship
 1 (3000 ml/h) with water spray.
 ✕ LMC UMS DP (AA)

MACHINERY/PROPULSION:

Main engine : 2 x 3200BHp @ 750RPM, Yanmar
 Propeller : 2 x Controllable Pitch Propeller
 Bow thruster : 2 x 10.0T Controllable Pitch Propeller
 Main generator : 3 x 405kw Diesel Driven, Caterpillar 3412c
 Shaft generator : 2 x 1280kW 415V/3pH/50Hz
 Emergency diesel generator : 1 x 80kW Cummins 415V/3ph/50Hz

CARGO CAPACITY:

Clear deck area : 500M²
 Deck loading : 5.0 t/M²
 Fuel oil : 850M³
 Fresh water : 510M³
 Mud : 210M³
 Cement Tanks : 200M³

DISCHARGE RATES:

Fuel oil : 2 x 150m³/hr @ 60m Head
 Fresh water : 1 x 150m³/h @ 60m
 Mud : 2 x 75m³/hr @ 75m Head

EXTERNAL FIRE FIGHTING SYSTEM:

Water/foam monitor double barrel complete remote control. The monitor has built-on hand wheels for emergency operation

- . Capacity : 1200 cu m/hr
- . Inlet pressure : 12 bars approx
- . Reaction force : 1750 kg approx
- . Throw length : 120 m with water 70 m with foam
- . Rotation : 180 degrees.

INTERNAL FIRE FIGHTING SYSTEM:

Emergency fire pumps
CO2 system in engine room
Fire/smoke detection and alarm system
Firemain
Fireman's Outfits
Portable Fire Extinguishers

DYNAMIC POSITIONING SYSTEM:

Meets the DPS-2 class notation of LR

Main Components: 2 x DP operator control workstations
2 x signal processor units;
1 x independent backup
1 x Joystick Control System.

Reference Sensors: 2 x Vertical Reference Units
2 x Wind Sensors
3 x Gyrocompass

DP References: 2 x DPGS
1 x laser range and bearing system
1 X Tout wire
1 X Hipap

Communication Equipment:

GMDSS Equipment certified for sea areas A1, A2, A3.

Navigator Equipment:

Echo sounder / band radars / GYRO Compass / Magnetic Compass.

ACCOMMODATION:

Total: 70 men fully air conditioning
1 x Hospital: 1 man





DECK/AHL EQUIPMENT

Windlass:	1 x Electro Hydraulic Type of 12t@12m/min for 38mm dia.Chain
Capstan Anchor:	2 x Electro Hydraulic Type of 5 t @ 15m/min
Handling Winch:	Two Wire Drums with Capacity of 1400m Dia. 58mm wire rope Upper Towing Drum C/W Spool Gear Lower AH Drum C/W Dia 70mm & Dia 76mm Rig Chain Gypsies on each end Stall pull 180Ton 1st Speed 150ton@6m/min, 2nd 50ton@18m/min & 3rd 14ton@40m/min Brake holding 250ton Hydraulic Actuated Pawl Ratch 250ton.
Towing Pins:	2 x Hydraulic with Turnable Top Flapses for Horizontal Locking @ 300t
Karm Fork:	1 x Hydraulic With One Each U-insert for 61~85mm, 50~65mm & 32~46 wire/chain
Tugger Winch:	2 x Electro-Hydraulic Type of 10 t @ 15m/min
Main Crane:	One Electro Hydraulic Offshore Deck Crane Maximum Lifting Capacity 60 tons Maximum Out Reach 30m
Stern Roller:	4 m Long by 1.6m dia., S.W.L 250 t
Storage Reel:	1 x Hydraulic Type of 5 t @ 20m/min With Drum Capacity of 56mm dia. x 1400m

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