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MV NESO II

75M DP2 Platform Supply Vessel

GENERAL

Year Built: 2012
Flag: Nigerian
Builder: KTK Offshore PTE LTD., China
Classification: ABS + A1 (E) Offshore Support Vessel, Fire fighting Class 1, +AMS, ACCU, DPS-2.
Call Sign: 5NGX9
IMO Number: 9617777
MMSI No. 657886000

PARTICULARS

Length OA / Waterline: 75.00m / 71.91m
Breadth Moulded: 17.25m
Depth Moulded: 8.00 m
Maximum Draft: 6.50 m
Clear deck Area: 643 m²
Deck Cargo: 1200 T
Deck Strength: 5.5 T/m² uniform loading
GRT / NRT: 2899 / 869 T
Deadweight: 3246 T
Maximum Speed: 13 Knots
Economical Speed: 10 Knots
Type of Oil: Marine Gas Oil
Fuel Cons: 21 m³ / 24hrs @ Max Speed
16 m³ / 24 hrs @ Econ Speed

MACHINERY

Main Engines: 2x3000 HP (Niigata 8L28H) @ 750 RPM
Bow thrusters: 2x10 Tons Thruster, approx 600 Kw, CPP (Kawasaki Wuhan- KT-88B3)
Generators: 3x450 Kw diesel driven, 415v/3ph/50Hz (CAT C18)
Shaft Generator: 2x1000 kw, (Leroy Somer LSAM 50.2VL10)
Emergency Generator: 1 x80 kW, CATC4.4
Steerable Rudder: Niigata Z-peller, ZP-41, Fixed Pitch

DECK EQUIPMENT

Deck Crane: 1x 3T @10m
Anchor Windlass: 1x 13T @18m/min, electro hydraulic Drum Nil
Gypsies suitable for 46mm dia U2 chain
Bow Anchors: 2x2640Kg Stockless Bower Anchor or 1960Kg HHP Anchor
Chains: 2x467.5m (L) x46mm (dia), Grade U2
Capstan: 2x10T @ 25m/min electro hydraulic
Tugger Winch: 2x10T @ 24m/min electro hydraulic

PUMPS

Fuel Oil: 2x150 m³/hr @ 80m head
Fresh Water: 1x100 m³/hr @ 85m head
SWB/Drill Water: 1x100 m³/hr @ 80m head
Liquid Mud: 2x75 m³/hr @ 90m head
Bilge: 1x60 m³/hr @ 50m head
Ballast: 1x80 m³/hr @ 70m head
GS / Fire Pump: 1x80 m³/hr @ 70m head
Bulk Cement Compressor: 2x20 m³/min @ 80 psi

CAPACITIES

Fuel Oil: 1000 m³
Fresh Water: 500 m³
Ballast/Drill Water: 1500 m³
Liquid Mud: 600 m³
Cement Tank: 226 m³
Freezer/Chiller: 10m³/10m³
Foam/Detergent: 14 m³/14 m³

ACCOMODATION

Berths: 14x1- berth cabin
18x2- berth cabin
Total: 50
Hospital: 1x1 berth cabin
All cabins are fully air-conditioned @ c/w attached washroom.

NAVIGATION AND COMMUNICATION EQUIPMENT

Inmarsat-C: 1xFuruno Felcom-15
VHF Radio: 2xFuruno FM-8800S
NAVTEX Rec.: 1xFuruno NX-700B
SART: 2xMcMurdo S4
EPIRB: 1xMcMurdo E5
Portable VHF Radios: 3xMcMurdo R2
Radar: 2xFuruno FAR2117 & FAR2137
Echo Sounder: 1xFuruno FE-700
DGPS: 1xFuruno GP-150
Gyrocompass: 1xAnschutz 22GG/GGM
Autopilot: 1xAnschutz PilotStar D
Magnetic Compass: 1xLilley-Gillie MK2000
Weather Fax: 1xFuruno FAX-408
Speed Log: 1xFuruno DS-80
Wind Indicator: 1xGill Ultrasonic
AIS: 1xFuruno FA-150
DP: DP 2 System Kongsberg
Joystick: 1x Kongsberg
PA Talkback System & Self Powered Tel.

FIRE FIGHTING & ANTI-POLLUTION EQUIPMENT

External:
FIFI System: Class 1 with water curtain all round
Fire Pump: 2x1500 m³/hr @ 12 Bar
Monitors: Water/Foam 2 x fire monitors
Oil Dispersant System: 2x Cluster nozzles or overhang boom
INTERNAL:
Emergency Fire Pump: 1x35 m³/hr @65m head
BA Recharging Comp: 1x75 ltrs/min @ 200 Bar
CO2 System in the Engine Room
Fire Detection & Alarm in Living Spaces and Engine Room

MISCELLANEOUS:

Life Rafts: 6x25 persons
Rescue Boat: 1x6c/w Outboard Engine
Oily Water Separator: 1x1.00 m³/hr, Ocean Clean
Water Maker: 2x10T/day, Sea Recovery Corporation
Sewage Treatment Plant: 1x50 men/day