


DP2/8 POINT MOORING/ UTILITY/SPECIAL SERVICE UTILITY/CONSTRUCTION VESSEL

| DIMENSION | | REGISTRATION | |
|--------------------------|---|---------------------|---|
| Length Overall | : 126.560 m (inc Thruster box Fwd & Aft) | Year of Built | : 2011-Nantong Dongjiang Shipyard Co. Ltd. |
| Breadth Moulded | : 31.70 m | Year of Conversion | : 2018- Dubai Ship Building & Engineering LLC |
| Depth Moulded | : 7.31 m | Class | : Bureau Veritas (BV)-Class no.34260R |
| Summer Draft | : 4.5 m | Flag | : Union of Comoros |
| | : 4.514 m(external fr. underside) | Port of Registry | : Moroni |
| Summer Draft | : 15881.33 T | Class Notation | : I ✕ HULL, ✕ MACH, ✕ AUT_UMS, ✕ DYNAPOS AM / AT R HEL/ ✕ ALM Special Service / Utility – Construction Vessel, Unrestricted MODU |
| Displacement @ Zero trim | | Call Sign | : D6 A2 253 |
| | | IMO no | : 8799358 |
| | | Owner | : PT David Marine Inc. |
| | | Managed/Operated by | : Mubarak Marine LLC |
| TONNAGE | | | |
| GRT | : 11438 t | | |
| NRT | : 3432 t (approx.) | | |
| DWT | : 9738 t | | |
| Displacement | : 15889 t | | |
| MACHINERY | | THRUSTERS | |
| Main Generators | : 5 x 620kw @1800rpm Caterpillar 3412DITA 1 x 599kw@1800rpm CaterpillarC18 | Propulsion | : 4Nos. Thrustmaster Model TH-2000RN Hydraulic Inboard 2 Levels Retractable Azimuth Thruster |
| Emergency/ Harbour Gen. | : 1 x 199kw @1800rpm Scania 3056DITA c/w Leroy Somer LL3024F, 44V/3ph/60Hz | Prime Mover | : 4 Units Caterpillar 3516B Box Cooled Diesel Engine |
| Oily Water Separator | : 1 x 1m ³ /h , 15ppm alarm | Rating (TCR) | : 4 x 2,000 BHP (5965.59 kW) = 8000 BHP |
| Fresh Water Maker | : 2 x 50m ³ /day reverse osmosis | | |
| Sewage Treatment Plant | : 2 x 150men, WCB-150 | | |
| CLEAR DECK AREA | | DECK EQUIPMENT | |
| Work Deck Area | : 1800 m ² | Mooring Winches | : 8 x Single drum electro-hydraulic Mentrade HMW 90t Tension & line-out sensors 8 x 1400m (L) x 52mm Ø, wire rope |
| Deck Strength | : 12.5 t/m ² | Spud Legs | : 1.2m Ø x 22m length |
| CAPACITY | | Spud Winches | : 2nos. x 50t pull, Electric winches Drum Capacity 180mx38mm Ø wire rope |
| Fuel Oil | : 1727 m ³ (approx.) | Main Crane | : 1 x 300mt Huisman Pedestal ,Mounted offshore Crane 46m |
| Fuel Oil Transfer P/P | : 1 x 118 cbm/hr @ 60head 1 x 12 m ³ /h Pr.0.33Mpa P=4kw | Main Hoist | : 300mt x 11m radius, 72mt @44radius |
| Fresh Water | : 2972 m ³ (approx.) | Auxiliary Hoist | : 30mt @ 30m/min, 9.2-53.6m radius |
| Fresh Water Transfer P/P | : 1 x 120 cbm/hr @ 60m head | Anchors | : 8 x Delta Flippers of 7t each |
| Ballast Fresh Water | : 5664 m ³ (approx.) | Helideck | : Designed for AW101,Sikorsky S61N & Sikorsky S92A Length:25.40m Width:25.40m D-Value 25.00m |
| Foam/Detergent | : 1m ³ /Nil | | |
| Freezer Room | : 50 m ³ | | |
| Chiller Room | : 55 m ³ | | |
| AC unit | : 2 x 133t =266t Cooling capacity | | |

Deck Cargo : 6000 T

Landing Weight Limit:12.80t, Vertical Distance fr. Waterline at normal operating draft:21m
Helideck fitted with 1.Access-2 2.Foam Monitors
3.Crash Kit 4.FiFi equipment & suitable forM18
Outer area : 25.62m x 25.62 m
Tugger Winch : 1x15mt @15m/min electrohyd,Mentrade HUW15T

FIRE FIGHTING EQUIPMENT

Fire pump : 1 x 150 cu.m/h @110m head
Fire Detection : Smoke &Heat Detection System
Sprinkler System : Covering all areas of Accommodation
Gas Detection : H2S & LEL detection
Mist System : Covering all machinery spaces
Fixed CO2System : For Engine room
Life Raft : 24 x 25 persons = 600 persons
Rescue Boat : 1x6 persons SOLAS approved C/W Davit

Barge is built in conformity to SOLAS existing regulations

DYNAMIC POSITIONING SYSTEM

Make & Model : Wartsila DP2 NACOS Platinum CL2 Dynamic Positioning System
Control/Signal Processor Unit : CP1-SPU-64,Signal Control Processor Unit-Single CP,Bulkhead Mount
DP Reference System : 2 x DGPS,Fugro Seastar 9205 (L1/L2,GPS &GLONASS)
1x Laser Range & Bearing System
GCS Cyscan Absolute signature
1xRange&Bearing Sensor, Mini-RadaScan
1xHydro acoustic,1xTautwiresystem
Targets : 1xTarget, Laser,8-Way PrismCluster
1 x Target, Radar Reflector (Mini-RadaScan)

NAVIGATION & COMMUNICATION EQUIPMENT

GMDSS : Area 3 Comprising
1 x Sailor MF/HF 6310 150w
2 x Sailor 6222 VHF DSC Class A
2 x Sailor 6110 Mini –C with (LRIT & SSAS)
SSB : 1 x Furuno FS-1570T
Inmarsat F : 1 x Furuno Felcom 70
VHF Radio : 2 x Furuno FM 3000 with built in DSC
1 x Furuno FM 8800S with built in DSC
Navtex Receiver : 1 x Furuno NX 700A
SART : 2 x Mc Murdo S4
EPIRB : 1 x Mc Murdo E5
GPS : 1 x Furuno GP150 & 1 x Koden KGP915
Weather Fax : 1 x Furuno FAX408
ECDIS : 1 x Simrad 5024
Gyro Compass : 3 x Standard 22 (Anschutz)
Portable VHF Radios : 3 x Mc Murdo R2 & 3 x Motorola GP-328
Portable MarineVHF Radio : 1 x ICOM IC-A6 (HLO)
Radar : 1x X band Koden MRD108P& 1x S band Simrad Argus
Echo Sounder : 1 x Furuno FE700
Satellite Compass : 1 x Furuno SC502
Speed Log : 1 x JLN 205MK2 (JRC)
Doppler current meter : 1 x JLN 652BB (JRC)
BNWAS : 1 x Navitron NT-991
VDR : 1 x Netwave NW-6000
Gyro repeaters : 3 xNavitron NT-920DHR,1xNavitron NT920-AHR
2 x Wing Bearing Repeater
Autopilot : 1 x Navitron NT-999GBD

ACCOMMODATION FACILITY

Offices : 6 Total
Conference Room : 1 with seating capacity for 20men
TV Room : 1 with seating capacity for 42men
1 with seating capacity for 10men
Mess Room : 1x Officer mess with seating capacity for 30 men
1x Main mess with seating capacity for 150 men
Recreation Room : 1x Main room with seating capacity for 80 men
1x Officer room with seating capacity for 15 men
2x Prayer room,1x Meeting room, 1x Change room
1x FWD control room,1x Laundry/Drying room
1x Dry Provision room,1x winch control room
1x Arrival/Departure room for up to 25 men
1x Barge radio room,1x Game room,1x Gym room
1 x Smoking room
Hospital : 2no.Single Berth with attached paramedic room
WORKSHOP FACILITY : 1 complete with Lathe,Drilling & Grinding machines
Electric saw, oxy-acetylene & welding machine
Ships's Control : 6th Deck (Operation room) & Control Deck

TOTAL ACCOMMODATION = 239 persons

Single Berth : 7 x 1 Berth = 7 persons
Double Berth : 46 x 2 Berth = 92 persons
Four Men Berth : 35 x 4 Berth = 140 persons
Total : 239 persons