



DP2, 8 POINT MOORING MULTI-PURPOSE WORK BARGE

DIMENSION		REGISTRATION	
Length Overall	: 77.00 meters	Year of Built	: 2014
Length(including Thruster appendages)	: 91.50 meters	Builder	: Dubai Ship Building & Engineering LLC (DSBE)
Breadth Moulded	: 30.00 meters	Flag	: U.A.E
Depth Moulded	: 5.5 meters	Class	: Bureau Veritas-BV Registry No.28017F
Minimum Draft	: 2.6 meters	Call Sign	: A6E2185
Maximum Draft	: 4.124 meters	Class Notation	: I + HULL+MACH+AUT_UMS +DYNAPOS AM/AT R HEL(Y), SPECIAL SERVICE/UTILITY- CONSTRUCTION VESSEL, TROPICAL ZONE
TONNAGE		IMO no.	: 8537229
GRT	: 5251 tons	Official no.	: 0007428
NRT	: 1575 tons	Port of Registry	: Dubai
DWT	: 5520 tons	Coast Guard no.	: DC 411
Displacement	: 9315 tons	Owner	: Mubarak Marine LLC
MACHINERY		THRUSTERS	
Main Generators	: 3x1171Kw+ 2x879Kw=5271Kw	Propulsion	: 4Nos. Verhaar Omega Channel Thrusters
Emergency/HarbourGen.	: 1x433kw		: Thruster Model 31140 ,550kw@1800rpm each
Switch boards	: Terasaki		: 4 x HRP Deck Mounted Azimuth Thrusters Diesel
Power Management	: Praxis		: Engine driven,Model: HRP4111 each rated 525kw each @ 1800rpm
Electrical Accessories	: Terasaki	Dynamic Positioning	: DP2, Model MT Bridge Mate with Independent Joystick
Oily Water Separator	: 1 x 1m ³ /h , 15ppm	Reference System	: DGPS 1 –Veripos/LD5
Fresh Water Maker	: 3x30t/day =90t/day Production		: DGPS 2 –Veripos/LD5
Sewage Treatment Plant	: 1xACO Manipur AM200 + 1xACO Manipur AM50 Germany Membrane Type with UV Sterilization System in the Effluent discharge		: Laser-Guidance Navigation Cyscan
			: Acoustic-Sonardyne
			: Taut wire-Forum Energy Technologies (MT)
			: Microwave-Radius 700
CLEAR DECK AREA		DECK EQUIPMENTS	
Work Deck Area	: 1150 m ²	Mooring Winches	: 8nos. x 40t Line pull, 100t break holding power 1000m of42mm dia.wire Model NCW-SD-40-100H, Nor Crane
Deck Strength	: 10 t/m ²	Spud Winches	: 2nos. x 30t pull, Electric winches 100m of 32mm dia. wire ,Model NCW-MW-SD-30-70-E,Nor Crane
CAPACITY		Spud Legs	: 1200mm Ø x 22m length
Fuel Oil	: 577 cbm	Main Crane	: 1xPedestal Mounted Manitowoc Crane, Model 2250 Series1 Load tested to 81.2t @11m radius
Fuel Oil Transfer P/P	: 2x30 cbm Cap at 56m WC	Auxiliary Crane	: 1Electro Hydraulic Crane12t @8.0m and 5T@16.0m
Fresh Water	: 2229 cbm	Anchors	: 8 x Delta Flippers of 7t each
Fresh Water Transfer P/P	: 1x45 cbm/hr Cap@49m WC	Helideck	: Designed for Bell 412 & 212 for Helicopters with D” value up to 17.5m
Ballast Fresh Water	: 2010 cbm		
Freezer Room	: 52.3 cbm		
Chiller Room	: 71.3 cbm		
AC unit	: 2 x 133t =266t Cooling capacity with Chilled Water system & Independent Room Temperature Control		
FIRE FIGHTING EQUIPMENTS		NAVIGATION & COMMUNICATION EQUIPMENTS	
Fire pump	: 2nos. &1no. (Emergency)	Wind Indicator	: 2 x Walker & Company 2020
Fire Detection	: Smoke &Heat Detection System	Gyro Compass	: 3 x Yokogawa
Sprinkler System	: Covering all areas of Accommodation	Radar	: 2x Sperry(X-Band & S-Band with ECDIS Chart Plotter Built in)

Gas Detection	: H ₂ S & LEL detection	Echo Sounder	: 1 x KODEN
Mist System	: Covering all machinery spaces	GPS	: 3 x Leica Nav. System MX420
Fixed CO ₂ System	: For Engine room	Portable VHF	: 6 x Standard Horizon HX370S
Barge is built in conformity to SOLAS existing regulations		Satellite Phone	: 1 x INMARSAT Fax; 1 x Thuraya Sat. Phone
		Satellite TV	: 1 x Seatel
		SSB Radio	: 1x JRC JSB-196
		PABX Phone	: 1 x NEC Exchange; Covering all cabins

LIFE SAVING EQUIPMENTS

Life raft	: 26 x25persons=650persons
Fixed Breathing Air System (for 60 mins.)	: 80 Persons fixed Breathing Air Cascade system
Rescue Boat	: 2x18persons with Jet Propulsion Diesel Driven , Launchable with a Slewing Davit
Life buoy	: 12nos.with Smoke signals; 20nos.Fitted with 30m Lifelines: Total 32nos
Life jacket	: 350 nos.

ACCOMMODATION FACILITY

TOTAL ACCOMMODATION = 182 persons

Single/Double BerthCabin	: 2x1man + 26x2man with attached bath & toilet	Recreation/TVRoom	: 1no., Fully equipped
Fourth Berth Cabin	: 32x4man with attached bath & toilet	Library	: 1no.
Client /Officer’s Office	: 1no. on 3 rd Deck	Gymnasium	: 1no., Fully equipped
Officer’s Meeting Room	: 1 no. on 2 nd Deck	Game Room	: Table Tennis & Pool
Officer ‘s Lounge	: 1 no. on 2 nd Deck	Laundry Room	: Fully equipped with washers & dryers
Prayer Room	: 1 no. on Tank top	Change Room	: 1no. on Main Deck & 1no. on Top tank Deck
Mess Room	: 1 no. on Main Deck,100nos. seating	Combined Toilet	: 1no. on Main Deck, 1no. on Top tank & 1no. on 3 rd Deck
Galley	: 1 no. on Main Deck,Fully equipped with Dry Storage & Refrigerator Storage		
Clinic	: 1no. Double Berth with Bath & Toilet on Main Deck		

WORKSHOP FACILITY

Equipped with Lathe Drilling and Grinding Machines