

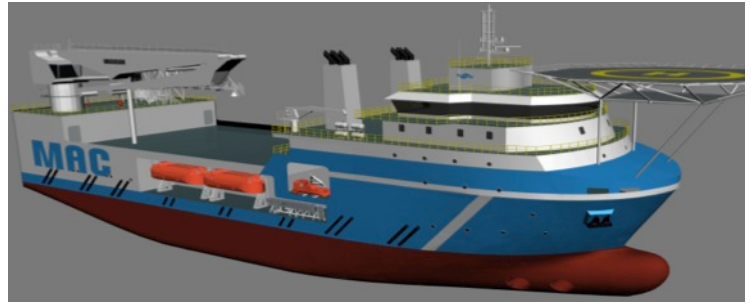
MAC MOTEL

DPS 2, Diesel Electric
Accommodation / Maintenance Support Vessel

Hull Numbers 630-1/2

MARINE ASSETS CORPORATION

SHIP BUILDERS, OWNERS AND OPERATORS
#3606 Jumeirah Bay X3, X-Cluster,
Jumeirah Lake Towers (JLT) Dubai
Email: info@macoffshore.net



PRINCIPAL PARTICULARS

Year Built	2016
Builder	Fujian Mawei
Call Sign	TBA
Official No.	TBA
Class	ABS +A1 (E) Offshore Support Vessel, SPS - ENVIRO – GP- UWILD – FFV1 – HAB(WB) AMS + DPS-2 - ACCU
Flag	TBA

DIMENSIONS

Length Overall	89.00m
Length BP	84.03m
Beam Molded	24.00m
Depth to Main Deck	08.40m
Design Draft	06.04m

MACHINERY

Main Diesel Generators	4 x 2200 Kw (total 8800Kw)
Emergency/Harbour Generator	1 x 1100 Kw
Shore Power	1 x 400A Shore Supply Receptacle
Thrusters	2 x 2470Kw 360 deg Azimuths
Bow Thruster	2 x 1000 Kw tunnel Thruster
Retractable Bow Thruster	1 x 1000 KW Azimuth

SPEED

Speed at 05.00m Draft	12.50 Knots
Type of Fuel	Marine Gas Oil
Fuel Consumption/24hrs	10 – 12mt at eco speed (8.5knts) 14 – 15mt at service speed (10.5knts) 8-10mt on DP

CAPACITIES

Cargo Systems fully automated	Monitored through K-Master
Fuel Oil	1200 Cu.M
Fresh Water	1500 Cu.M
Water Ballast/Drill Water	3000 Cu.M
Cargo Deck Free Area	1000 m ²
Deck Cargo Capacity	600t Tons
Deck Strength	5t/ m ²
Deadweight	4500t at Scantling draft
Freezer	To store provisions for a period of 30 Days
Cooler	To store provisions for a period of 30 Days

UTILITIES

Fuel Pumps	2 x 15 Cu.M @ 80m Hd
Fresh Water Pumps	2 x 15 Cu.M @ 80m Hd
Fresh Water makers	2 x 75 Cu M day
Sewage Treatment Plant	sized for 250 POB
Bilge / Fire Pump	100 Cu M @ 125m Hd

HELIDECK

S 92 / Super Puma to CAP 437

ACCOMMODATION

SPS Compliant

Cabins	8 Single Cabins 111 Doubles cabins
Total Beds	230 total
1 x Hospital	2 beds
Offices	6 x 2 desks
Conference room	12 seat table
Fully Air Conditioned.	HVAC Integrated with F&G system
Fixed gas Detection	H2s and LEL
POB Monitoring System	EPIC with SMART Cards

MAIN CRANE

60t

Aux Winch	60t @ 10m - 18t @ 40m
Provision Crane	10t @ 50m Man riding 2t @ 10m

RADIO & NAVIGATION EQUIPMENT

GMDSS: Area 3
1 x Inmarsat C with GPS and LRIT
1 x MF/HF-DSC Radio Telephone
2 x VHF-DSC Radio Telephone
1 x SSB Transceiver 6 Channel DSC
1 x 96nm X-band Radar 20.1" display
1 x 96nm S band 20.1" display
4 x VHF Portable radios
1 x Magnetic Compass
1 x Gyrocompass
1 x DGPS
1 x Autopilot
1 x Duplex VHF with DSC
1 x Echo Sounder ,Speed log
1X VDR
1 x Anemometer
1XBNWAS
1 x Weather Fax Receiver
1 x Auto Telephone system
1 x Sound Powered Telephone system
1 x PA/Talkback System
Local Area Network (LAN) connected
1 x TV and Radio system
1XAIS

DP KONGSBERG C Pos DPS-2, with following reference systems:

3 x Gyro Compass – 3 MRUs – 3 Wind Sensors – 2 DGPS
1 x Cyscan laser 1 x Radius
Joystick
DP Interfaced with 4 Point Mooring Syattem

DECK & AUX. EQUIPMENT

Anchors	2 x 3037 Kg HHP
Chain	522m x 50mm U3
Anchor/ Mooring Windlass	2 x 12t @ 0 – 09m min C/W warping heads
4 Pont Mooring System	4 x 5000 Kg Delta Flipper Anchors
Holding Brake	100t
Winch Speed	4 Winches with 1000m 40mm Wire 10-50t @ 0 – 30m min
2 x Aft Mooring Winch	12t @ 12m Min

FIRE EXTINGUISHING SYSTEM

Fi Fi Class 1 - 2 x 1800 Cu.m @ 125m Hd	
Monitors Remote control 2 x 1200 Cu.M One with duel Foam /Water	
Emergency Fire Pump 100 Cu.M @ 125m Hd	
Fixed Co2 System	Engine Room
Fixed Water Mist System	Engine Room
4 x fireman outfits	
2 x fire blankets for engine room and galley	

LSA EQUIPMENT

1 x Diesel Powered Fast Rescue Boat for 15 persons. With A Frame
Launch and Recovery Davit
10 x 25 man life rafts SOLAS approved each side
16 x Lifebuoys SOLAS approved
238 Lifejackets as per SOLAS requirement
1 x EPIRB SOLAS approved
1 x Line Throwing Apparatus
2 x Orange Smoke Signals
SOLAS approved line throwing appliance
1 x First Aid Kit
1 x daylight signaling light
1 x air horn

AUXILIARY EQUIPMENT

2 x Ships Air Compressor 40 m ³ hr @ 30 Bar
Oilly Bilge Water Separato12
Garbage Converter
6 man Aluminum work boat

Rev 01
2/5/14

MAIN DIMENSIONS

- LENGTH OA _____ 89.00m
- LENGTH BP _____ ~84.3m
- BEAM MLD. _____ 24.0m
- DEPTH MLD. _____ 8.4m
- DRAFT DESIGNED _____ 6.40m
- DEADWEIGHT _____ 4500 t
- SPEED AT 5.5M DRAFT _____ ~12.5Kn
- CREW _____ 28 MEN
- Special person: _____ 210 MEN
- FUEL OIL _____ ~1750 m³
- FRESH WATER _____ ~1400 m³
- W.B.(INCL. D.W.) _____ ~3100m³
- CARGO DECK AREA _____ ABT. 1000 m²
- CARGO DECK STRENGTH _____ 5t/m²

- ABS + A1 (E) Offshore Support Vessel,
SPS,ENVIRO/GP,FFV-1,UMILD, +CCU, +MGS, +DPS-2.

PRELIMINARY

Project		Contract Design	
Hull No.		MWS00-02D-02	
Hull Name		GENERAL ARRANGEMENT	
Hull Class		HULL CLASS	
Hull Code		HULL CODE	
Hull Part		HULL PART	
Hull Section		HULL SECTION	
Hull Detail		HULL DETAIL	
Hull Material		HULL MATERIAL	
Hull Finish		HULL FINISH	
Hull Paint		HULL PAINT	
Hull Welding		HULL WELDING	
Hull Inspection		HULL INSPECTION	
Hull Approval		HULL APPROVAL	
Hull Certificate		HULL CERTIFICATE	
Hull Survey		HULL SURVEY	
Hull Repair		HULL REPAIR	
Hull Replacement		HULL REPLACEMENT	
Hull Conversion		HULL CONVERSION	
Hull Modification		HULL MODIFICATION	
Hull Extension		HULL EXTENSION	
Hull Reduction		HULL REDUCTION	
Hull Alteration		HULL ALTERATION	
Hull Addition		HULL ADDITION	
Hull Deletion		HULL DELETION	
Hull Relocation		HULL RELOCATION	
Hull Reorientation		HULL REORIENTATION	
Hull Reconfiguration		HULL RECONFIGURATION	
Hull Reconstruction		HULL RECONSTRUCTION	
Hull Renovation		HULL RENOVATION	
Hull Restoration		HULL RESTORATION	
Hull Rehabilitation		HULL REHABILITATION	
Hull Refurbishment		HULL REFURBISHMENT	
Hull Refitting		HULL REFITTING	
Hull Refabrication		HULL REFABRICATION	
Hull Refinishing		HULL REFINISHING	
Hull Refinishing		HULL REFINISHING	
Hull Refinishing		HULL REFINISHING	

