

MMC 87-5000 MPSV

DPS 2, FiFi 1 Diesel Electric Platform Supply

Agents

MARINE ASSETS CORPORATION

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



MMC 87-5000

PRINCIPAL PARTICULARS

Year Built	2014
Builder	China
Call Sign	TBA
Official No.	TBA
Class	ABS +A1 (E) Offshore Support Vessel, UWILD, Fi Fi Class 1 + AMS + DPS-2
Flag	Marshall Islands

DIMENSIONS

Length Overall	87.02m
Length BP	83.00m
Beam Molded	18.08m
Depth to Main Deck	07.40m
Design Draft	05.09m

MACHINERY

Main Diesel Generators	4 x 1900 Kw (total 7600Kw) Cummins
Emergency Generator	1 x 150 Kw
Shore Power	1 x 400A Shore Supply Receptacle
Thrusters	2 x 2000Kw 360 deg Azimuths
Bow Thruster	910 Kw tunnel Thruster
Retractable Bow Thruster	800KW Azimuth

SPEED

Speed at 05.00m Draft	14.00 Knots. 100% MCR
Type of Fuel	Marine Gas Oil
Fuel Consumption	1090 Kg / Hr @ 14 knots

CAPACITIES

Fuel Oil	958 Cu.M
Fresh Water	660 Cu.M
Water Ballast/Drill Water	1810 Cu.M
Dry Bulk	240 Cu.M
Mud / Brine	1979 Cu.M
Metanol / Mud	429 Cu.M
Lub Oil	50 Cu.M
Deadweight	5000t at Scantling draft
Deck Cargo Capacity	2400t Tons
Cargo Deck Free Area	1000 m ²
Deck Strength	7.5t/ m ²
Freezer	To store provisions for a period of 30 Days
Cooler	To store provisions for a period of 30 Days

PUMPS

Fuel	2 x 150 Cu.M @ 80m Hd
Fresh Water	2 x 150 Cu.M @ 80m Hd
Dry Bulk	2 x 1100 Cu.M Hr, Simultaneous discharge
Mud / Brine	2 x 150 Cu.M @ 20m Hd
Metanol	2 x 150 Cu.M @ 80m Hd

ACCOMMODATION

Metanol	2 x 150 Cu.M @ 80m Hd
Cabins	16 Single 10 Doubles 04 Quads
Total Beds	52 total (option for 60 beds)
1 x Hospital	1 beds
Offices	2
Gym	1
Sewage system	60 POB

AUXILIARY EQUIPMENT

1 x 10 t/d Fresh Water Maker
2 x Ships Air Compressor 22 m ³ /hr
Oily Bilge Water Separator

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 SYSTEM

KONGSBERG K-MASTER chairs
3 x Gyro Compass (One supplied by radio vendor, the other two supplied by DP vendor)
-3 x Wind sensors - 2 x VRUs - 3 x DGPS
1 x Cyscan laser 1 x Radius
Seachest provided for HIPAP (Optional)
Kongsberg K Master Aft Bridge

DECK & AUX. EQUIPMENT

Main crane	100T AHC KBC
Moon pool	5m x 5m
Helideck	19.5D
Aux Crane	2T @ 10m
Tugger Winches	2 x 10t @ 12m min
Capstans	2 x 5t @ 15m min
Anchors	2 x 2140kgs HHP
Chain	48mm U2 grade Tot 495 M
Anchor/ Mooring Windlass	2 x 10t @ 0 - 09m min C/W warping heads

FIRE EXTINGUISHING SYSTEM

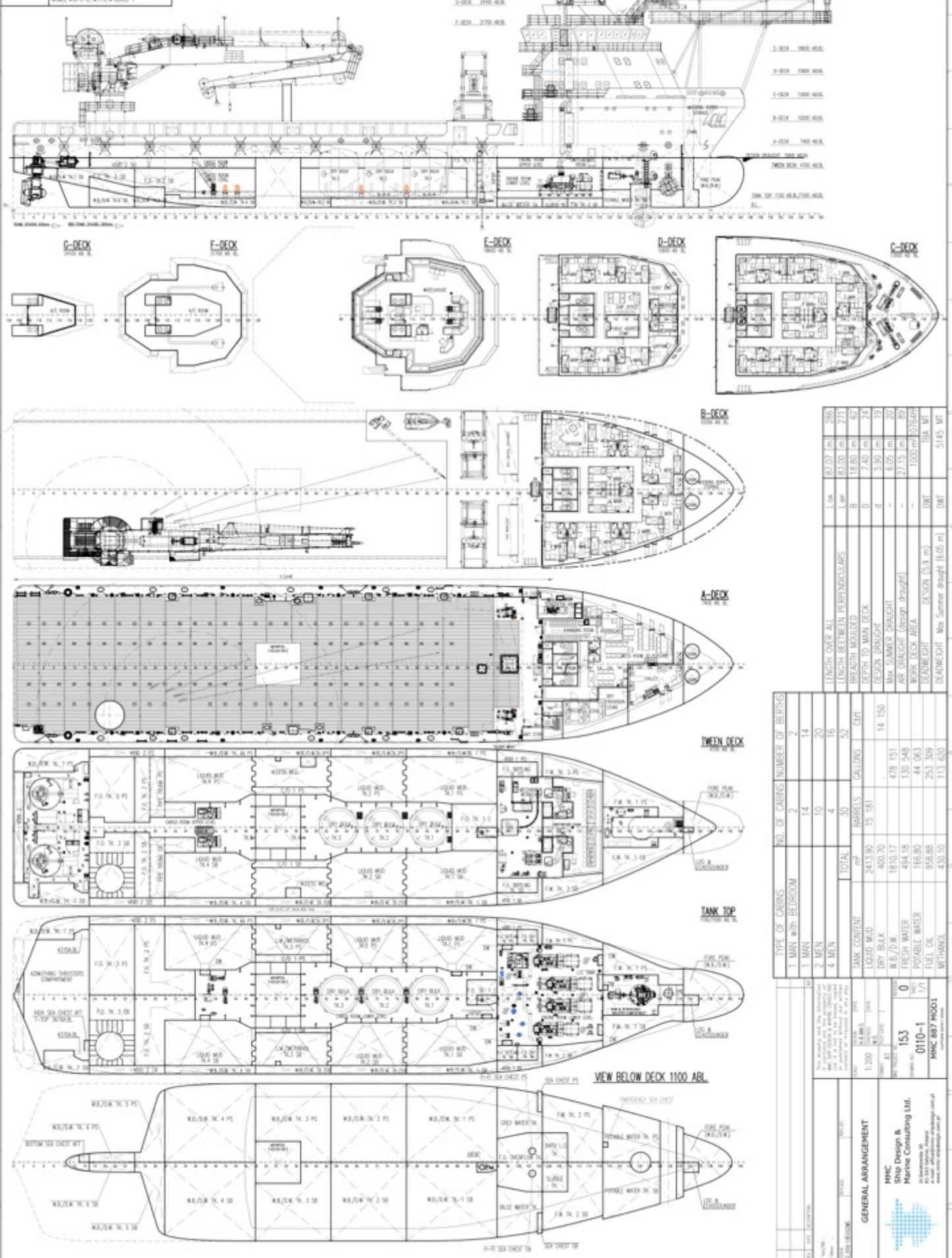
Fi Fi Class 1 2 x 1600 Cu.m @ 125m Hd	
Monitors Remote control 2 x 1200 Cu.M One with dual Foam /Water	
Emergency Fire Pump 35 Cu.M @ 60m Hd	
Fixed Co2 System	Engine Room
Fixed Water Mist System	Engine Room
4 x fireman outfits	
2 x fire blankets for engine room and galley	

LIFE SAVING EQUIPMENT

1 x Diesel Powered Fast Rescue Boat for 15 persons.
With A Frame Launch and Recovery Davit
8 x 25 man life rafts SOLAS approved each side
16 x Lifebuoys SOLAS approved
60 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

Particulars given are without warranty as to correctness and interested parties must satisfy themselves by inspection of ship's certificate or by other means of vessel's specifications

MAIN ENGINE	CYLINDERS	THK	GEN-NO
	NOVA	WCR	40240 HP
	GEN-NO	REV	401500 LR
	GEN-NO	REV	1800
DIMENSIONS (LxWxH)		10000 x 30 x 10000 LR	
SPEED	AT DRAUGHT 5.0 m	14.3 (kn)	
COMPLEMENT	TOTAL NO. OF BERTHS	52	
CLASS	AMERICAN BUREAU OF SHIPPING 441.02 OFFSHORE SUPPORT VESSEL HULL #075-2-WFLV-CLASS 1		



LENGTH OVER ALL	82.07 m	286'
BREADTH BETWEEN PERPENDICULARS	18.00 m	59'
BREADTH MOLDED	18.80 m	62'
DEPTH TO MAIN DECK	7.40 m	24'
DESIGN DRAUGHT	6.05 m	20'
MAX SUMMER DRAUGHT	5.90 m	19'
AWR DRAUGHT (design draught)	27.15 m	89'
WORK DECK AREA	-	1000 m ² (3764 ft ²)
DEADWEIGHT	DESIGN (5.9 m)	DWT
DEADWEIGHT	Max Summer draught (6.05 m)	DWT
		5145 MT

TYPE OF CABINS	NO. OF CABINS	NUMBER OF BERTHS
1 MAN with BEDROOM	2	2
1 MAN	14	14
2 MEN	10	20
4 MEN	4	16
TOTAL	30	52

TANK CONTENT	BARRELS	GALLONS	CBT
LIQUID WAD	2413.90	15 181	
DRY BULK	400.70		14 150
N.B./N	1810.17		478 151
FRESH WATER	494.18		130 548
PORTABLE WATER	166.80		44 063
FUEL OIL	958.88		253 209
METHANOL	4.00		11.3 600

GENERAL ARRANGEMENT

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