



### PRINCIPAL PARTICULARS:

Design	:	MMC 887
Builder	:	Fujian Mawei Shipyard, China
Class	:	ABS +A1, (E) offshore Support Vessel, Oil Recovery Capability Class 1, UWILD, AMS + DPS-2 + FFV Class 1
Flag	:	St.Vincent & Grenadines
Year	:	2013
Call Sign	:	J884809
IMO #	:	9654177
GRT/NRT	:	3601/1429

### DIMENSIONS:

Length Overall	:	87.07 M
Beam	:	18.80 M
Length BP	:	83.00 M
Draft	:	6.05 M
FreeBoard	:	1.359 M
Air Draft	:	27.92 M
DWT	:	5128 MT

### PERFORMANCE:

Max Speed	:	13.5 knots @ 85 % MCR
Service Speed	:	12 knots
Type of Fuel	:	MGO
Fuel consumption	:	19.1 mt @ 85% MCR

### CAPACITIES:

Cargo Deck Area	:	1000 m <sup>2</sup>
Deck cargo Capacity	:	2480 T
Deck Strength	:	5.0 T/m <sup>2</sup>
Deadweight	:	5128 T
Fuel Oil	:	942.42 m <sup>3</sup>
Fresh Water	:	494.18 m <sup>3</sup>
Drill Water	:	1832.23 m <sup>3</sup>
Potable Water	:	670.09 m <sup>3</sup>
Mud /Methanol	:	430 m <sup>3</sup>
Mud / Brine	:	1984 m <sup>3</sup>
Dry Bulk	:	400 m <sup>3</sup>
Oil-Based Mud	:	2409.65 m <sup>3</sup>

### PUMPS WITH DISCHARGE RATE:

Fuel Oil	:	1 x 150 m <sup>3</sup> /hr@ 80m/head
Fresh Water	:	1 x 150 m <sup>3</sup> /hr@ 80m/head
Mud / Brine	:	4 x 150 m <sup>3</sup> /hr @ 20m/head
Methanol	:	1 x 65 m <sup>3</sup> /hr @ 80m/head
Dry Bulk	:	2 x 30 m <sup>3</sup> /hr@5.6 bar
Oil-Based Mud	:	4 x 150m <sup>3</sup> /hr @ 20m head
Main Fire Pump	:	65Cbm/h, 0.6MPA head Test
Emergency Fire Pump	:	65Cbm/h, 0.6MPA head Test
Cement	:	6bar x 20.5m <sup>3</sup> /min, 2 nos
Barite	:	6bar x 20.5m <sup>3</sup> /min, 2 nos

### MACHINERY SYSTEM:

Main Engines	:	4 x 2547 BHP (Total 10188 BHP) Cummins QSK60-D(M)
Bow Thruster	:	1 x 1220 BHP tunnel Thrusters 1 x 1072 BHP Retractable AZI
Stern Thruster	:	2 x 2000 KW Azipull Thrusters
Shore Power	:	1 x 400A Shore Supply Receptabl
Emergency Generator	:	1 x 150 Kw

### DECK & AUX EQUIPMENT:

Anchors	:	2 x 2140 kgs HHP
Chain	:	48mm U2 grade Tot 495 M
Anchor / Mooring Windlass	:	2 x 10t @ 0-09m min C/W warping heads
Tugger Winches	:	2 x 10t @ 12m min
Capstans	:	2 x 5t @15m min 1 x 10t/d Fresh water maker 2 x ships Air Compressor 22M3/ hr
Oily Bilge Water Separator	:	
Deck Crane	:	2 T @ 10 M

### DYNAMIC POSITIONING SYSTEM:

DP – 2 ( Kongsberg)	:	3 x Wind Sensor, 3 x MRU, 1 x Radius System, 3 x Gyro Compass Seachest provide for HIPAP (Optional) Independent C-joy
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### FIRE EXTINGUISHING SYSTEM:

Fi Fi Class 1	2 x 1600 Cu.m @ 125m Hd
Monitors Remote control	2 x 1200 Cu.M One with duel 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
Fire Fighting Monitor	2 x 1600 <sup>m<sup>3</sup>/hr</sup> @125m head

### ACCOMMODATION:

Number of Person	:	52 Persons
	:	16 x One Man Cabins 16
	:	10 x Two Men Cabins 20
	:	4 x Four men cabins 16
	:	1 x Dispensary with 1 bed
	:	1 x office
Hospital	:	Sick Bay with 1 Bed
Sewage System	:	52 POB
Fully Air Conditioned	:	YES
Fixed Gas Detection	:	Being Fitted in DXB

### NAVIGATION/COMMUNICATION EQUIPMENT:

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

### LSA EQUIPMENT:

1 x Diesel Powered 6 Person MOB +Davit
Launch and Recovery Davit
8 x 20 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