

# DP-2 – 4 Point Mooring Maintenance Vessel



## PRINCIPAL PARTICULARS

Year Built	Dec 2015
Builder	Fujian Mawei
Call Sign	TBA
Official No.	TBA
Class	ABS +A1 Colum Stabilized Unit, Circle E +AMS – UWILD – Helideck. DPS-2
Flag	Marshall Islands

## DIMENSIONS

Length Overall (Elevated Hull)	84.00m
Length Overall ( Submerged Hull)	81.00m
Beam Molded	32.00m
Depth to Main Deck	22.80m
Depth to top of Heli Deck Reception	36.00m
Lightship Draft	5.80m
Operating Draft	8.90m
Deep Operating Draft	14.60m

## MACHINERY

Main Diesel Generators	6 x 3000 Kw (total 18000Kw) MAK 9M25C
Emergency Generator	1 x 910 Kw
Shore Power	1 x 400A Shore Supply Receptabal
Thrusters	4 x 3000Kw RR US 305. 360 deg Azimuths

## SPEED

Speed at 8.20m Draft	10.0 Knots.
Type of Fuel	Marine Gas Oil
Fuel Consumption	30mt day cruising @ 85% on 2 thrusters 18-25mt day on 24 hr DP 4 thrusters @50%

## CAPACITIES

Fuel Oil	1632 Cu.M
Fresh Water	961 Cu.M
Water Ballast/Drill Water	2259 Cu.M
Bulk Cement	Optional
Liquid Mud	1259 Cu.M
Deadweight	3800 T at 8.90m draft
Deck Cargo Capacity	500 T
Cargo Deck Free Area	1112 Sq.m MD 450 Sq.m Hold Area
Deck Strength	10t/Sq.m
Freezer	To store provisions for a period of 30 Days
Cooler	To store provisions for a period of 30 Days

## DECK & AUX. EQUIPMENT

Ships Anchors	2 x 5850kgs HHP
Chain	68mm U3 grade.12 shots pt & 11 shots stbd
4 Point Mooring	4 x 1000m winches

## ACCOMMODATION

Passengers	253 persons
Crew	47 crew including catering
TOTAL POB	300
Conference Room	2 x 14 seats
Offices	5 for client
Gym	1
1 x Cinema / Training Rm	Mess for 112 seating
1 x Hospital	4 beds
Fully Air Conditioned.	HVAC Integrated with F&G system
Fixed gas Detection	H2s and LEL

## DECK CRANE

150t x 50m Lattice B	150t @ 8M 20t @ 50M Aux Winch 10t @ 50m
Moon Pool Crane	50t NBC AHC (Optional)

## HELIDECK

To suit Sikorsky S91-N or Super Puma, (Complies with CAP 437)

## RADIO & NAVIGATION EQUIPMENT

GMDSS: Area 3	Kongsberg K Line integrated bridge consul with automation and VMS
	1 x Inmarsat C with GPS
	1 x MF/HF-DSC Radio Telephone
	2 x VHF-DSC Radio Telephone
	1 x SSC Transceiver 6 Channel DSC
	1 x 96nm X-band Radar 21" display
	1 x 96nm S band 21" display
	3 x VHF Portable radios
	1 x Magnetic Compass
	3 x Gyrocompass
	1 x DGPS
	1 x Autopilot
	1 x Duplex VHF with DSC
	2 x Simplex VHF 55 Channels
	1 x Echo Sounder
	1 x Anemometer
	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

## DP SYSTEM

Kongsberg C Pos DPS-2, with following reference systems:  
3 x Gyro Compass - 3 x Wind sensors - 3 x VRUs - 2 x DGPS  
1 x Fan Beam 1 x Radius - 1 x HIPAP 350

## FIRE EXTINGUISHING SYSTEM

Fire Pumps	: 2 x 131 m <sup>3</sup> /hr @ 10 bar
	: Fire main piped through out the vessel
	: Supplied to Helideck with Foam system
Fire hydrants and fire extinguishers as Class requirements	
1 x Water Sprinkler system throughout accommodation	
CO2 fire extinguishing system in Pt and Stb engine rooms	
Emergency Generator Room and paint locker	
4 x fireman outfits	
2 x fire blankets for engine room and galley	

## LSA EQUIPMENT

2 x 100 man life capsules Pt & Stb	
1 x Diesel Powered Rescue Boat for 6 persons	
4 x 25 man life rafts SOLAS approved each side	
8 x Lifebuoys SOLAS approved	
213 Lifejackets as per SOLAS requirement	
1 x EPIRB SOLAS approved	
1 x Line Throwing Apparatus	
12 x Parachute Distress Signals	
2 x Orange Smoke Signals	
SOLAS approved line throwing appliance	
4 Embarkation Ladders 2 each side	
1 x First Aid Kit	
1 x daylight signaling light	
1 x air horn	

## AUXILIARY EQUIPMENT

1 x Sewage Treatment Plant suitable for 200 men	
2 x 50 t/d Fresh Water Maker,	
2 x Ships Air Compressor 31 m <sup>3</sup> /hr	
1 x Working Air Compressor 120/ m <sup>3</sup> .Hr @ 7 bar	
1 x Working Air Compressor 250/ m <sup>3</sup> .Hr @ 7 bar	

## GANGWAY

UPTIME 19.35M with optimum operating length +/- 2M

