

CSS DP-2 Maintenance Vessel Vessel



PRINCIPAL PARTICULARS

Year Built	Oct 2015
Builder	
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	1059 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

Anchors	2 x 5850kgs HHP
Chain	68mm U3 grade.12 shots pt & 11 shots stbd
Anchor/ Mooring Windlass	2 x 20t @ 0 - 23M min C/W warping heads
Stern Mooring Winches	2 x 20t @ 0 - 23M min

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

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 ³ 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 ³ hr
1 x Working Air Compressor 120/ m ³ .Hr @ 7 bar
1 x Working Air Compressor 250/ m ³ .Hr @ 7 bar

GANGWAY

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

CSS

DPS-3 Compact Semi Sub - Maintenance Vessel

