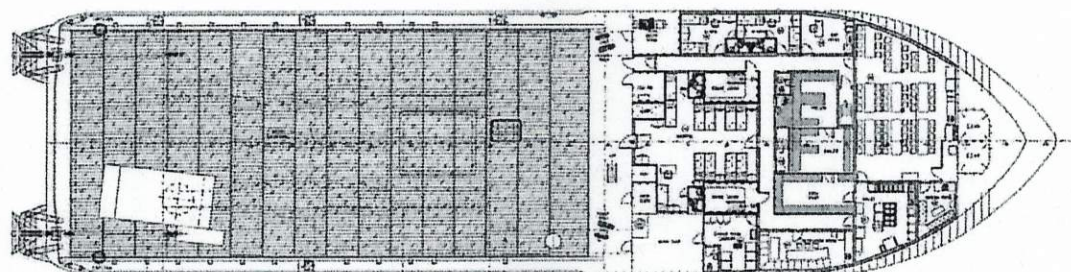
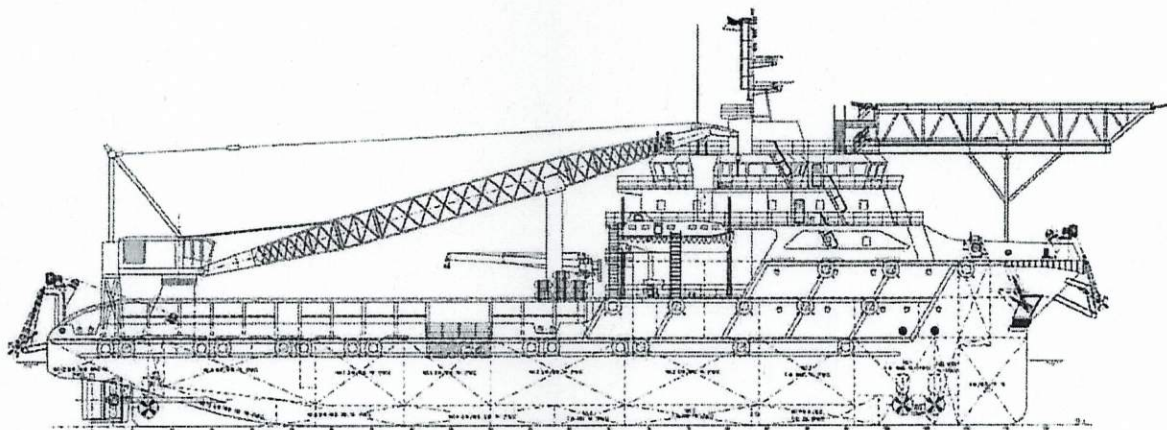
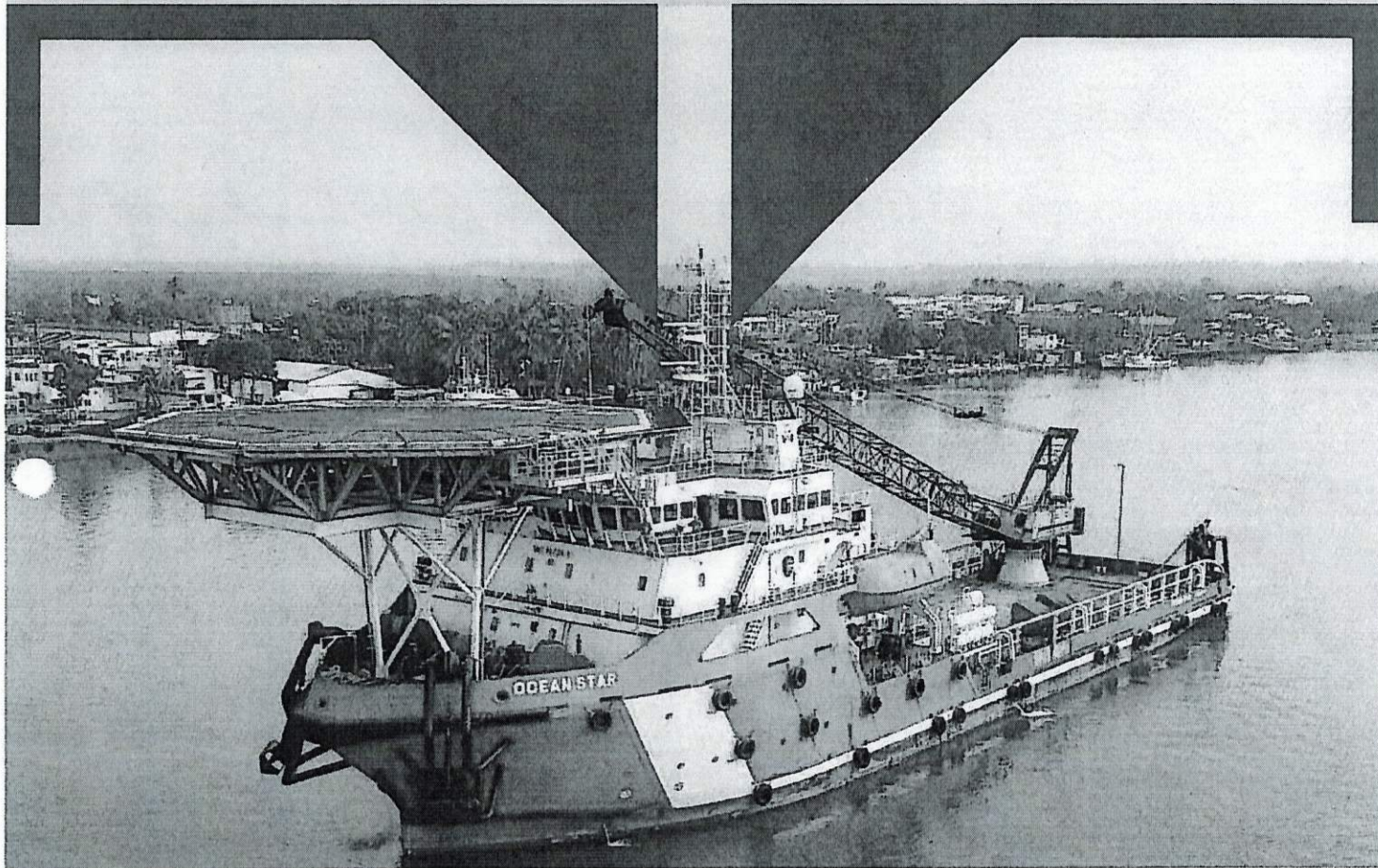




MPSV OCEAN STAR

DP II/4PM MULTIPURPOSE SUPPORT VESSEL



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DP II/4PM MULTIPURPOSE SUPPORT VESSEL

OCEAN STAR is a multi-purpose offshore support vessel with dual positioning capabilities featuring both a DP II and a 4-point mooring system.

With a clear deck area of 700 m², accommodation for a total of 150 people, helideck and a 150 boom deck pedestal crane, the unit has the ability to carry out a number of offshore activities such as accommodation support, ROV, diving, trenching and general maintenance support duties.



MAIN DATA

IMO number	9629615
Gross tonnage	TBA -3362 GT
Deadweight	2,000 t (approx)
Length overall	78.00 m
Length BP	70.55 m
Breadth	20.00 m
Depth	6.50 m
Max draft	4.80 m
Moon pool	23 m ²
Speed	12.0 knot (approx)
Class	RINA Supply Vessel; Special Service; Multipurpose support vessel
Additional notations	DYNAPOS AM/TR; HELIDECK
Year of construction	April 2013
Flag	TUVALU

POWER GENERATION & PROPULSION

Main Engine	2 x 1,800 kW @ 1,000 rpm Wartsila 9L20
Propeller	2 x Controllable Pitch (CPP) type with kort nozzle
Bow Thruster	2 x Controllable Pitch type of 10t thrust
Stern Thruster	1 x Control able Pitch type of 10t thrust
Main Generator	3 x 534 kW Caterpillar 415V/50Hz/3ph @ 1,500 rpm
Shaft Alternator	2 x 1,300 kW Wartsila 415V/50Hz/3ph
Emergency Generator	1 x 123 kW Cummins 415V/50Hz/3ph

DP SYSTEM

Kongsberg KPOS DP-21
2 x DGPS
1 X Radius
1 x Kongsberg HiPAP 500 system
1 x Kongsberg lightweight taut wire system: Mk 15/500 far 500 m operational depth

SPECIAL EQUIPMENT - FIFI

Emergency fire pump. 35m ³ /hr @ 4.5 bar
Fire detection and alarm system
CO2 system in engine room
Local fixed pressure water-spray or water-mist fire extinguishing system in engine room

NAVIGATION EQUIPMENT

X-band radar range 64NM	2 sets
Echo-Sounder	1 set
GPS plotter	1 set
Gyro compass	2 sets
Magnetic compass	1 set
Autopilot & steering gear	1 set
Weather facsimile receiver	1 set
AIS	1 set
Doppler speed log	1 set
SSAS	1 set
MF/HF Transceiver (GMDSS)	1 set
Satellite EPIRB(GMDSS)	1 set
2-Way portable VHF radios (GMDSS)	3 sets
SART (GMDSS)	2 sets
Navtex Receiver (GMDSS)	1 set

ACCOMMODATION

2 x 1 man cabin	2	men
8 x 2 men cabin	16	men
33 x 4 men cabin	132	men
1 x hospital	11	men
Total	150	men

DECK AREA & EQUIPMENT

Clear Deck Area	700 m ²
Deck Loading	7.5 t/m ²
Windlass	1 x electro hydraulic type of 12t @ 12 m/min far 48mm dia. chain
Capstan	2 x electro hydraulic type of 10t @ 15 m/min
Anchor	2 x high-hold type, stowed in anchor pockets, 2,140 kg each
Tugger winch	2 x electro hydraulic of 10t @ 15 m/min 300mm N.B. heavy pipes shall be provided on main deck (P&S)
Crash/cargo rail	On main deck (P a S) 2,500mm top of pipes
Heeling tanks	Located at (P & S)
Gangway	25 ft long 3 ft wide
Mooring system	4 point mooring