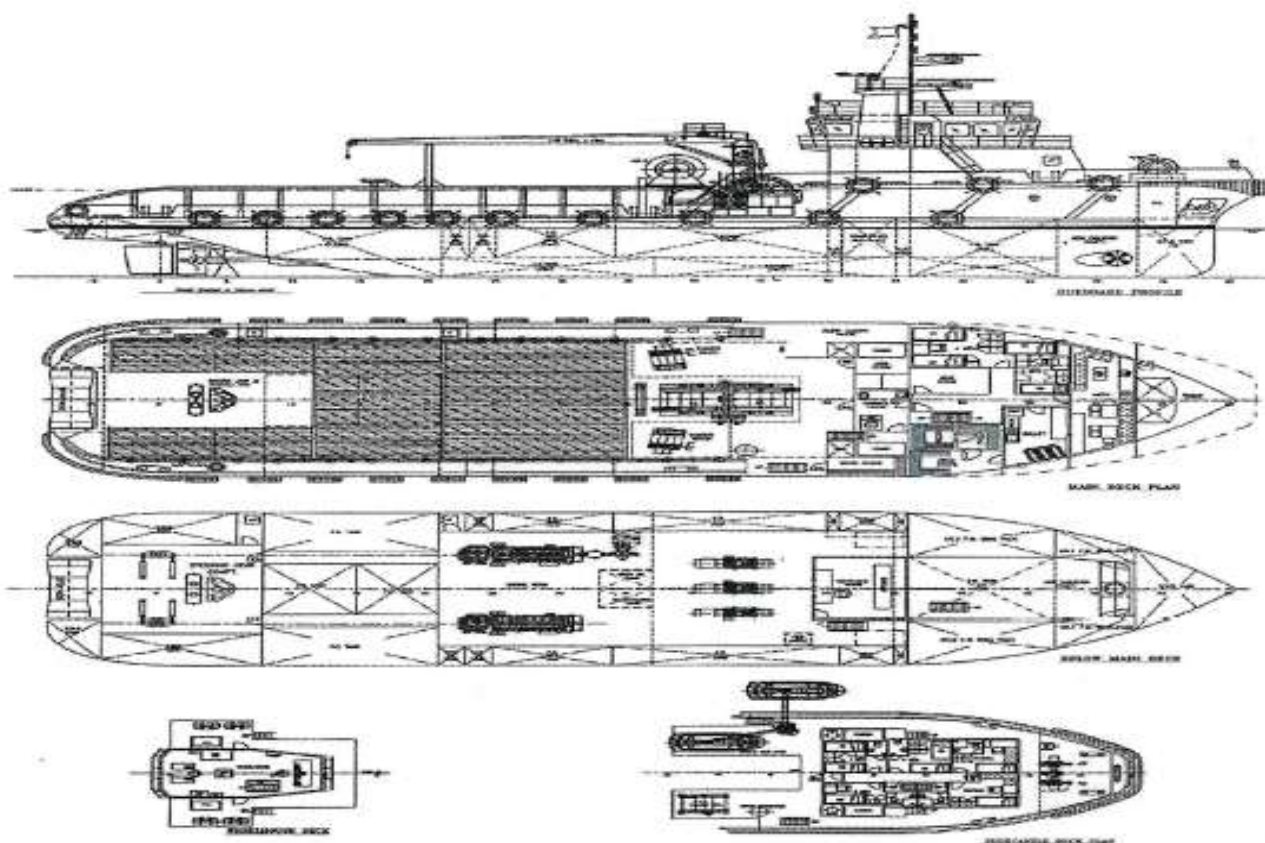




MV MANTARAY 5 (EX MV WESTSEA PHOENIX)_AHTS/4200BHP/57



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GENERAL

Flag	Nigeria
Year Built	2009
Class	Lloyd's Register (LR)
IMO No.	9568081
Port of Registry	Lagos Nigeria

PRINCIPAL PARTICULARS

Length Overall	45.0m
Breadth Moulded	11.8m
Depth Moulded	4.6m
Draft Design	3.8m
Notation	+A1, Towing Vessel, AH, E, +AMS

PERFORMANCE

Max. Speed	12 Knots
Service Speed	10 Knots
Bollard Pull	57.26Tons
Fuel Consumption	8.0m ³ /day (Tow approx.) 6.0m ³ /day (Free running) 1.0m ³ /day (Standby)

CAPACITIES

Deadweight	494.84Tons
Gross Tonnage	464Tons
Clear Deck Area	180m ²
Deck Crane	1Ton x 15m
Deck Strength	7.5/m ²
Fuel Oil Tank	530m ³
Fresh Water Tank	170m ³
Foam Tank	8.84m ³

ACCOMMODATION

1 Berth	2
2 Berth	3
4 Men Berth	2
Total	16

MACHINERY

Main Engines	2 x 2100 BHP@1600rpm Caterpillar 3516B
Total Power	4200 BHP
Propulsion System	2 x Fixed Pitch Propellers (FPP)
Bow Thrusters	5TT170 TLK 5Ton
Main Generator	3 x Caterpillar 3406C
Diesel Generator	3 x 245 kW
Emergency Generator	Volvo D5A-T/TA (1700W)

DECK MACHINERY

Tugger Winch	2 x 5T Electro-Hydraulic @ 15m/min.
Towing Winch	100T line pull in 1 st layer Break Holding 150T
Towing Drum	1000 x 52mm wire, 10
Towing Pin	150T SWL
Shark Jaw	150T SWL
Bow Anchors	2 x 1000kg bow anchors
Anchor Chain	2 x 32mm stud linked chain
Stern Roller	4.5mtrs

LIFE SAVING EQUIPMENT

Life Raft	2 sets 20 persons
	2 sets 25 persons
Life Buoy	8 sets
Life Jacket	40 sets
Parachute	12 sets
First Aid Kit	1 set Heater
Rescue Boat Davit	1 set 6 persons
Hand Flares	6 sets

FIRE FIGHTING EQUIPMENT

FiFi Pumps	1 x 1200m ³ /hr Caterpillar 3516B 60m ³ /hr 43m ³ /hr Electric Driven
Fire Hydrant	3 x E/R & 04 Weather Deck
Fire Alarm	YES
Fire Detention System	YES
Fireman's Outfit	2 set
Fire Extinguisher	35
Foam Applicator	1
Wheeled Form Extinguisher	1
Fixed FiFi (CO2) System	YES
Breathing Apparatus	6 sets
EEBD	22

NAVIGATION AND COMMUNICATION

2 VHF/DSC
2 Navtex Receiver
2 Satt
1 DGPS/AIS
1 Magnetic Compass
Navigation Lights
1 GPS/Echo Sounder
1 Speed Log
1 Inmarsat
1 BNWAS/MF
1 Gyro Compass/ECDIS
1 EPRIB
3 Two-way VHF
Radar 2 x -Band (1)/S Band Radar
1 Barometer

OTHER FACILITIES

Sewage Treatment Plant
Dispersant Tank
Oily Bilge Separator
Laundry Room
Nautical Publication
Hull Round Fendering