

MV ZAKHER PELICAN



55M 3600 BHP OFFSHORE UTILITY VESSEL (DP-2)

GENERAL

Year of Build / Place	: 2009/ China
Official No.	: 10542
IMO No.	: 9544956
Flag	: St. Vincent & the Grenadines
Port of Registry	: Kingstown
Call Sign	: J8B4069
Classification	: ABS + A1 (E) Offshore Support Vessel + AMS + DPS-2
GRT/NRT	: 1456 / 436

DIMENSIONS

Length O.A.	: 55.00 m
Length W.L.	: 53.20 m
Beam Moulded	: 15.80 m
Depth Moulded	: 5.50 m
Draft Designed	: 3.65 m
Summer Draft	: 3.85 m
Lightship	: 1255.41 MT
Deadweight	: 1009.59 MT
Displacement (max)	: 2265 MT @ 3.85m draft

MACHINERY

Main Engine	: 2 x Niigata 6L25HZ diesel engine
Horse Power	: 3600 BHP, 2646 kW
Propellers	: 2 x Z-Propeller (FPP), Niigata ZP-21 driven by main engine, controlled by DPS or Joystick control
Generators	: 4 x 470 kW diesel Alternators
Bow Thruster	: 2 x Transverse tunnel CPP thrusters each giving a thrust of approx. 6 tons (515 kW) driven by electric motor and control from DPS.

CAPACITIES & DISCHARGE RATES

Clear Deck Area	: 340 m ²
Deck Strength	: 5 tons/m ²
Fuel Oil	: 591.96 m ³ / 80 m ³ /hr @ 60 m
Potable Water	: 334.34 m ³ / 80 m ³ /hr @ 60 m
Drill Water / Ballast	: 285.83 m ³ / 60 m ³ /hr @ 45 m
Foam	: 10.56 m ³
Dispersant	: 10.56 m ³
Freezer / Chiller	: 10.00 m ³ each

OTHERS

Sewage Treatment Plant	: 60 men capacity
Rescue Boat	: 1 x 4.2 m SOLAS type Rescue Boat, 6 men capacity
Fresh Water Maker	: 1 x reverse osmosis water maker of capacity 10 tons/day

PERFORMANCE

Speed	: 12.0 knots
Type of Fuel Used	: Marine Gas Oil

ACCOMMODATION

Total Accommodation	: 58 men incl. crew (+1 hospital)
Cabins	: Below Main Deck - 1x2p, 6x4p Forecastle Deck - 2x2p, 5x4p Bridge Deck - 4x1p, 2x2p
Hospital	: 1 Man

DECK MACHINERY

Anchor Windlass	: 1 x electro hydraulic 6 tonnes at 12m/min
Anchors	: 2 x 1740 kg AC-14 anchors, 4 x Flipper Delta anchors of 2000 kg each
Anchor Chain	: 660 m x 34 mm Grade U3 stud link chain cables, 2 x chain stoppers
Mooring Line	: 4 x 160 m long of min. 150 ton braking strength
Capstans	: 2 x electro hydraulic 5 tons @ 9m/min
Crane	: Hydraulic Electric Telescopic Pedestal Crane, Model No. 180 TM 30M, Max. capacity 50 tons @ 3 m radius and boom length of 12.2 m, 1.9 tons @ 30.5 m radius and boom length of 30.5 m

DYNAMIC POSITION SYSTEM

Class 2 Dual Redundant System	Converteam ADP21
Reference System:	- 2 x DGPS VC-NAV 3050 + C-Navigator, max. accuracy on differential corrections 10 cm
	- 1 x Cyscan MK4 Laser
	- 1 x Converteam LWT
	- 1 x Radascan mini RS
	- Additional Available Interface
	- 1 x HRP
	- 1 x fan beam
Manual Joystick Control	: 1 x Converteam

EXTERNAL FIRE-FIGHTING

Fire Monitor	: 1 x 1200 m ³ /hr (one for water/ foam)
Fire Pump	: 2 x 1500 m ³ /hr @ 140 m head
Emergency Fire Pumps	: 1 x self priming centrifugal SW Pump 45 m ³ /hr @ 45 m head
Spray Booms	: 2 x 5 m

COMMUNICATION & NAVIGATION EQUIPMENT

GMDSS:	
VHF DSC 1	: FURUNO FM-8800S
VHF DSC 2	: FURUNO FM-8800S
MF/HF DSC	: FURUNO FS-2570
INM-C 1	: FURUNO FELCOM-15
INM-C 2	: FURUNO FELCOM-15
GMDSS SURVIVAL RADIO	: 3 x McMURDO R2 GMDSS
SART	: SAMYUNG SAR 9 & McMURDO S4
EPIRB	: SRC CEP-100
NAVTEX	: JRC NCR-333
NAVIGATION:	
GPS	: FURUNO GP-150
AIS	: FURUNO FA-150
GYRO COMPASS	: MERIDIAN STANDARD -SG BROWN
RADAR 1	: FURUNO FAR 2117
RADAR 2	: FURUNO FAR 1510 MK2
ECHO SOUNDER	: FURUNO FE-700
AUTOPILOT	: SIMRAD AP-50
SAFETY & SECURITY:	
SSAS	: FURUNO FELCOM-15
LRIT	: FURUNO FELCOM-15
FIRE ALARM SYSTEM	: MINERVA MARINE
BNWAS	: NAVGARD
SATELLITE COMMUNICATION:	
VSAT	: EPAC
FBB	: SATLINK FB-150
ENTERTAINMENT:	
TVRO	: INTELLION i6 P

Life Saving Appliances available onboard as per SOLAS, Class and Flag Requirements.

Details believed to be correct but not guaranteed