

MV ZAKHER PROVIDER

61.20 m Anchor Handling / Offshore Support Vessel DP1



GENERAL

Year of Build / Place	: 2012/ Malaysia
Official No.	: 11121
IMO No.	: 9614414
Call Sign	: J8B4648
Flag	: Saint Vincent & the Grenadines
Port of Registry	: Kingstown
Classification	: ABS +A1 Towing Vessel, FiFi Vessel Class 1, Offshore Support Vessel, AH, E+AMS + DPs-1
GRT/NRT	: 1976 / 592

DIMENSIONS

Length O.A.	: 61.20 m
Length WL	: 58.70 m
Beam Moulded	: 16.00 m
Depth Moulded	: 6.00 m
Draft Designed / Max.	: 4.50 m / 5.10 m

MACHINERY

Main Engine	: 2 x 1838 kW at 750 Rpm Niigata 6MG28HX
Horse Power	: 5000 HP Total
Propellers	: 2 x CPP, 4 bladed Ni-Al bronze
Main Generators	: 2 x 400 kW CAT C18 415/3/50
Harbour Generator	: 1 x 250 kW CAT C18 415/3/50
Emergency Generator	: 1 x Cummins 164 kW 415/3/50
Shaft Generator	: 2 x 1000 kW
Bow Thruster	: 1 No. TCB-90 DSMA, transverse bow thruster, 8 tons thrust
Stern Thruster	: 1 x TCB-70 DSMA, 6 tons thrust

CAPACITIES & DISCHARGE RATES

Tankage (100% full)	
Potable Water	: 382.60 m3, 100m3/hr @ 75m
Fuel	: 550.10 m3, 100m3/hr @ 75m
Mud	: 245.80 m3, 60m3/hr @ 75m
Drill Water Ballast	: 662.50 m3, 100m3/hr @ 75m
Foam	: 14.2 m3
Dispersant	: 14.2 m3
Clear Deck Area	: 370 m2 @ 7.5 tons / m2

EXTERNAL FIRE-FIGHTING

Fire Pump	: 2 x Seawater Pump each 1723 m3/hr @ 12 bar
Fire Monitor Water	: 2 x 1200 m3/hr @ 120m throw
Fire Monitor Foam	: 1 x 300m3/hr @ 70m throw
Emergency Fire Pump	: 1 x 40 m3/hr @ 60 m
Spray Booms	: 2 x 6 m

OTHERS

Sewage Treatment Plant	: 65 persons, 3900 liters / day
Fresh Water Maker	: 1 x HP SC 440, 10T / day
Remote Tank Gauging System	: 1 x PMS System
Loading Computer	: 1 x Loadmaster X5
Rescue Boat	: 1 x semi rigid rescue boat, 6 men
Fast Rescue Craft	: 1 x Noreq FRB750, 13 persons, diesel inboard
H2 Gas Detection	: Fixed System

PERFORMANCE

Speed	: 12.5 knots approx at MCR
Type of Fuel Used	: Marine Gas Oil
Bollard Pull	: 73.79 tons

ACCOMMODATION

6 x 1 berth cabins	: 6 men
7 x 2 berth cabins	: 14 men
7 x 4 berth cabins	: 28 men
Total Accommodation	: 48 men
Sick Bay	: 1 man

DECK MACHINERY

Windlass	: 7T at 15m/min.
Anchors	: 2 x AC-14 anchors of 1575 kg each
Chain Cables	: 2 x 330m total length, 36mm dia, Grade 2a stud link chains
Anchor Handling Towing Winch	: 2 x Mentrade Double Drum waterfall
Towing Drum Capacity	: 1000 m x 58 mm dia. (SWR):
Drum Pull (1st layer)	: 150.0 T x 6.0 m/min 75.0 T x 12 m/min 50.0 T x 17 m/min
Anchor Handling Drum Capacity	: 200 m x 58 mm (SWR)
Drum Pull (1st layer)	: 150.0 T x 6.0 m/min 75.0 T x 12 m/min 50.0 T x 17 m/min
Storage Reel	: 1 x 10T x 30m/min, wire 1000m x 58mm
Capstan	: 2 sets variable speed electro hydraulic Capacity 5T, Winding Speed 15m/min
Tugger Winch	: 2 sets variable speed electro hydraulic Duty Pull 10T, 15m/min, Drum Capacity 220m x 22m dia steel wire rope
Towing Pins	: 160T SWL
Shark Jaws	: 2 nos. stopper to be able to take 32 mm to 114mm dia wire and chain and SWL to be 300T
Stern Rollers	: 1.5 m dia to 1.7 m dia x 4.2m length (min @ SWL 250T)
Provision Crane	: 3ton @ 9m

COMMUNICATION & NAVIGATION EQUIPMENT

GMDSS:	
VHF DSC 1	: FURUNO FM-8800S
VHF DSC 2	: FURUNO FM-8800S
MF/HF DSC	: FURUNO FS-2570
INM-C	: FURUNO FELCOM-15
GMDSS SURVIVAL RADIO	: McMURDO R2 GMDSS
SART	: McMURDO S4 (2No.s)
EPIRB	: McMURDO SMARTFIND E5
NAVTEX	: FURUNO NX-700

NAVIGATION:	
GPS	: FURUNO GP-150
AIS	: FURUNO FA-150
GYRO COMPASS	: ANSCHUTZ STD22
RADAR 1	: FURUNO FAR 2117
RADAR 2	: FURUNO FAR 2817
ECHO SOUNDER	: FURUNO FE-700
AUTOPILOT	: ANSCHUTZ NP-60

SAFETY & SECURITY:	
SSAS	: FURUNO FELCOM-15
LRIT	: FURUNO FELCOM-15
FIRE ALARM SYSTEM	: MINERVA MARINE T-1008
BNWAS	: MARINELEC LYNX V3

SATELLITE COMMUNICATION:	
VSAT	: KNS A9
FBB	: SAILOR FBB150

ENTERTAINMENT:	: KNS
TVRO	

DYNAMIC POSITIONING SYSTEM

2 x DGPS positioning reference system
Kongsberg cPos

