

# MV SEA HAWK

300.0 M DP1 MULTI-PURPOSE OFFSHORE SUPPLY VESSEL



## GENERAL

Year of Build / Place	: 2012 / China
Official No.	: 11175
IMO No.	: 9662681
Call Sign	: 3B34702
Flag	: St. Vincent & the Grenadines
Port of Registry	: Kingstown
Class / Notation	: ABS / +A1, Fire Fighting Vessel Class 1, Offshore Support Vessel, E +AMS + DPS-1
GRT/NRT	: 1657 / 497

## DIMENSIONS

Length OA	: 59.95 m
Length WL	: 55.939 m
Length BP	: 52.20 m
Breadth Moulded	: 15.00 m
Depth Moulded	: 6.10 m
Design Draft (Max)	: 5.00 m

## MACHINERY

Main Engine	: 2 x 2575 BHP CAT C3516B-HD (2x1920kW), 5150 BHP Total
Main Generators	: 3 x CAT C18, 415V/3P/50HZ, 350 kW
Shaft Generators	: 2 x 415 V/3P/50HZ, 900 kw
Emergency Generator	: 1 x Cummins 6BT 5.9D(M) 80 kw
Propellers	: 2 x CPP, four bladed, nickel aluminum bronze
Bow Thrusters	: 1 x Kawasaki, 8T thrust, 515 kw

## CAPACITIES & DISCHARGE RATES

Fuel Oil	: 938.1 m3, 100m3/hr@75m
Fresh Water	: 326.5 m3, 100m3/hr@75m
Ballast / Drill Water	: 897.9 m3, 100m3/hr@75m
Lube Oil	: 5.5 m3
Foam	: 15.3m3
Dispersant	: 15.3m3
Chiller + Freezer	: 30 m3
Fuel Oil Purifier	: 1 x automatic, self cleaning, 2.40 m3/hr
Clear Deck Area	: 375 m2 @ 7.0 tons / m2

## PERFORMANCE

Deadweight	: 1348 tons
Speed	: 13.00 knots
Displacement	: 2924 tons
Type of Fuel	: MGO

## OTHERS

Sewage Treatment Plant	: 60 persons, 4200 liters/day
Oily Bilge water	: 1 x OBWS of 1.0 m3/hr, 15ppm Separator
Fresh Water Maker	: 1 x reverse osmosis type, 10 tons/day

## ACCOMMODATION

4 x 1	: 4 men
6 x 2	: 12 men
8 x 4	: 32 men
Total	: 48 men
Hospital	: 1 man

## DECK MACHINERY EQUIPMENT

Tugger Winch	: 2 x 10 tons at 15m/min, wire 250mx22mm
Capstan	: 2 x 5 tons @ 15m/min
Deck Crane	: Main Hook 50T @ 3m / 15.3T @ 11 m Aux Hook (10T @ 18.3 m, 2T @ 33 m)
Stern Roller	: 5m long x 1.6m dia (SWL 200 mt)
Windlass	: 1 x 6T at 12m/min for 38mm dia chain
Anchor and Chain	: 2 x bow anchors, each 1440 kg 2 x 330m x 38mm U2 chain
Provision Crane	: 3T @ 10m

## COMMUNICATION & NAVIGATION EQUIPMENT

<b>GMDSS:</b>	
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	: MCMURDO R2 GMDSS
SART	: MCMURDO S4 (2No.s)
EPIRB	: MCMURDO SMARTFIND E5
NAVTEX	: FURUNO NX-700
<b>NAVIGATION:</b>	
GPS	: FURUNO GP-150
AIS	: FURUNO FA-150
GYRO COMPASS	: ANSCHUTZ STD22C
RADAR 1	: FURUNO FAR-2117
RADAR 2	: FURUNO FAR-2137S
ECHO SOUNDER	: FURUNO FE-700
AUTOPILOT	: ANSCHUTZ NP-60
<b>SAFETY &amp; SECURITY:</b>	
SSAS	: FURUNO FELCOM-15
LRIT	: FURUNO FELCOM-15
FIRE ALARM SYSTEM	: GST
BNWAS	: KEXUN KB3J
<b>SATELLITE COMMUNICATION:</b>	
VSAT	: KNS A9
FBB	: SAILOR FBB150
<b>ENTERTAINMENT:</b>	
TVRO	: KNS

## FIRE-FIGHTING & SAFETY

Life Rafts	: 6 x 25 persons
Rescue Boat and Davit	: 1 x diesel inboard engine, capacity 6 persons
Main Fire Pumps	: 2 x 1685m3/hr @ 12 bar
Water Monitor	: 2 x 1200m3/hr @ 120m throw
Foam Monitor	: 1 x 300m3/hr @ 75m throw
Emergency Fire Pump	: Electric motor driven, 25 m3/hr

## DYNAMIC POSITIONING SYSTEM

Kongsberg KPos DP11 with independent joystick system to meet Class 1	
2 x wind sensors	
2 x Trimble DGPS	
2 x Gyro Compass	
2 x Kongsberg MRU	
1 x cJoy Controller	
1 x cJoy Operator terminal	

