

HAVILA HARMONY

Multi-Purpose Offshore Support Vessel



The Havila Harmony is a DP2 Multipurpose Offshore Support Vessel, constructed to the proven Marin Teknikk MT 6010 design. The vessel was delivered to TSMarine in March 2007. The vessel conforms to the highest level of environmental class conditions required of vessels of this type in the offshore industry sector.

TSMarine have the vessel on longterm charter and will be employing the vessel in various projects and contracts. The vessel will be configured to undertake many diverless subsea decommissioning and intervention activities; rigless well intervention services, wellhead and subsea infrastructure abandonment, subsea tree change-out and subsea construction support activities.

Built to the new and demanding "Clean Comfort V" Norwegian standards the ship represents the latest in fuel efficient, low noise and vibration Dynamically Positioned Construction class vessels.

Being Multi Purpose the vessel is configured for the following activities:

- Rigless Intervention
- Subsea Well Abandonment
- Subsea Production Systems Intervention
- Construction Support
- ROV Survey and Inspection



CLASSIFICATION

DNV + 1A1, Ship-shaped Well Intervention Unit, SF, LFL*
COMF-V (3), HELDK-SH, E0, Dynpos -AUTR, Clean,
DK (+), HL (2,8)

ACCOMMODATION

86 Persons total

- 18 x 1 man cabins
- 28 x 2 man cabins
- 2 x 2 man cabins
- 1 x 4 man cabins
- 1 x 4 man cabins

MAIN ENGINES

Engines 4 x Cummins QSK60, 1900kw each
Output Total 7300ekw

DYNAMIC POSITIONING

- 1 x Kongsberg Simrad - SDP22
- 1 x Fanbeam Mk4.2
- 1 x Taut wire
- 1 x HiPap 500
- 2 x DGPS

NAVIGATION & COMMUNICATION EQUIPMENT

A V-Sat internet and communications system is installed on the vessel

EMERGENCY / HARBOUR GENERATOR

1 off Cummins KTA19DM 485kw/1800rpm

HELIDECK

The Helideck has a 19.5m diameter, suitable for a Super Puma AS 332L - compliant to DNV class HELDK-SH, IMO regulations and Norwegian Civil Aviation Authorities

DIMENSIONS

Length Overall	92.95m
Length BP	86.6m
Breadth mld	19.70m
Depth Main Deck	7.70m
Depth Shelter Deck	10.45m
Max Draft	6.30m

MAIN FEATURES

Main Crane	Hydramarine HMC 3.568 LKO 250-35 (750-20) (1000-15) (1500-10) AHC Offshore Knuckle Jib crane 150Te @ 10m Active Heave Compensated
Deck Cranes	1 off ABAS 3Te @ 15m 1 off PALFINGER 1Te @ 3m
Deck ex ROV Mezz.	800m ²
Moonpool	6.0 x 5.25m
Dead Weight	4950Te
Ballast Water	1530m ³
Drill Water	1313m ³
Fresh Water	1012m ³
Fuel Oil	1140m ³

SPEED / FUEL CONSUMPTION

Max Speed / Consumption	15.45 knots @ 30Te / Day
Economical Speed / Consumption	11.5 knots @ 9.3Te / Day
DP Consumption	@ 4Te / Day

MAIN PROPULSION

Main Propellers	2 x 2600W LIPs Type FT 275-S/WN
Tunnel Thrusters	2 x 880kW LIPS Type FT 250H-DL

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