

# OLYMPIC BIBBY

SUBSEA SUPPORT & CONSTRUCTION VESSEL



THIS IS WHAT YOU GET...

- DP11 Full IRM capable ROVSV
- Configured for Pipeline and Structural Inspection
- Light Construction Support
- Modular Air Diving (Option)
- Dual Hangar deployed WROV's c/w AHC LARS for high sea states
- 60t AHC Offshore Crane
- 820m<sup>2</sup> deck area, 4.8m x 4.8m Moon Pool
- Accommodation for 68 persons
- Helicopter Deck

**BIBBY**   
**OFFSHORE**  
because we love this business™

# OLYMPIC BIBBY SPECIFICATIONS

## ABOUT OLYMPIC BIBBY

The vessel is a Multifunctional Subsea Support & Construction Vessel, designed to meet the needs of the offshore market, with diesel electric frequency controlled propulsion, highly efficient azimuth thrusters, a Class II dynamic positioning system, active heave compensated crane and helicopter deck.

This vessel is designed for low fuel consumption and excellent sea- and station keeping. This is in addition to low noise and vibration in hull and superstructure which ensures high comfort and safety for the crew.

In addition to construction work the vessel is also arranged for 2 WROV's complete with active heave compensated LARS in the hangar and option to install a further 2 OBSROVS on deck. The vessel is arranged with a construction moon pool (4,8m x 4,8m), deck services and removable bulwarks.

## GENERAL SPECIFICATIONS

<b>Owner</b>	Olympic Shipping AS
<b>Classification</b>	Det Norske Veritas, +1A1, SF, E0, Dynpos AUTR, DK(+), HELDK-SH, COMF-V(3), Clean Design, SPS, Crane, NAUT-OSV(A).
<b>Build Location</b>	Kleven Shipyard AS
<b>Design</b>	MT6021
<b>Delivery</b>	2015
<b>Class Authority</b>	Det Norske Veritas (DNV)
<b>Call Sign</b>	TBA
<b>IMO Number</b>	9726217
<b>Flag State Authority</b>	Norway

## MAIN PARTICULARS

<b>Overall Length</b>	87,75m
<b>Breadth mid</b>	19,0m
<b>Draft (Max)</b>	6,35m Max drift midship (freeboard 1,66m)
<b>Moulded Depth</b>	8m
<b>Gross Tonnage</b>	4500 tonnes
<b>Net Tonnage</b>	1400 tonnes
<b>Maximum Speed</b>	14.0kn

## ENGINE POWER & PROPULSION

### MAIN ENGINES

2 x 2240 eKW  
2 x 1700 eKW  
1 x 910kW  
(Total 8790 eKW)  
Emergency Generator CAT 300 kW

### PROPULSION

Main Azimuth Thrusters 2 x Azimuth Thrusters @ 1500kW each  
Bow Thrusters 1 x Tunnel @ 790 kW  
1 x Tunnel @ 680 kW  
1 x Retractable Azimuth @ 880kW  
Stern Thrusters 1 x Tunnel @ 680 kW

## DYNAMIC POSITIONING

<b>DP System</b>	Kongsberg K-Master System
<b>DP Classification</b>	Dynpos AUTR DP II
<b>Reference Systems</b>	Dual DGPS, HIPAP 500, Taut Wire, Radius, Seapath system, Cyscan (Second HiPAP prepared with second valve and cabling.)

## APPROXIMATE FUEL CONSUMPTION

<b>Transit Speed</b>	TBA t/day @ TBA knots (one engine)
<b>Economical Speed</b>	TBA t/day @ TBA knots (two engines)
<b>Full Speed</b>	TBA t/day @ 14 knots (two engines)
<b>DP Operations</b>	TBA t/day
<b>Harbour</b>	1-1.5t/day

\*subject to accumulation of data during operations

## TANK CAPACITIES

<b>Marine Diesel (FO)</b>	1180m <sup>3</sup>
<b>Fresh Water</b>	760m <sup>3</sup>
<b>Ballast</b>	2500m <sup>3</sup>
<b>Anti Heeling</b>	455m <sup>3</sup>
<b>Lub Oil Tanks</b>	38m <sup>3</sup>

# OLYMPIC BIBBY SPECIFICATIONS

## CARGO DECK

Main Deck	820m <sup>2</sup>
Deck Load	2000t @ 10t/m <sup>3</sup>
Removable Bulwarks; Port/Starboard side and aft	

## DECK CRANES

TTS GPOKA	1250-60-23 60T AHC Subsea Crane
Main Hook	60T @ 10.5m, 2000m Water Depth
Aux Hook	10T @ 23m, 500m Water Depth
Personnel Lift Capabilities	1.5T @ 23m

## COMMUNICATION SYSTEMS

VHF;	4 x Sailor RT
Inmarsat B	Fleet Broadband 500
Inmarsat C	Sailor Type C
VSAT Marlink 6012 Sealink KU-Band (Dual Dome)	
MIR - 2048kbps upgradeable to 8mbits	

## ACCOMMODATION

Total	68 persons
14 x 1 man cabins, 27 x 2 man cabins	
Client Office x 2 man, OM Office, Reception Office x 2 man	
Control Room x 10 man, Offline x 7 man, Charterers Storage	
Charterers Instrument Room, Dayrooms x 2, Messroom x 30	
Coffee shop, Hospital, Gymnasium, Change Room, Heli-Reception	

## HELICOPTER DECK

Helicopter deck of aluminium for Sikorsky S92 with D=20,88m x 1,25 acc. to HELIDK class notation, IMO regulation and UK Aviation Authorities UK 437 regulation. Sky lobby allocated for in/ out going passengers.

## RESCUE EQUIPMENT

2 of 36 men Lifeboat each side.  
1 of Fast Rescue Craft (Weedo 700) MOB.  
Life rafts 2 x 20 men at each side.  
Survival Suits for 68 persons.  
Extent of Lifesaving equipment according to Flag state requirements

## ROV SYSTEMS

Two (2) permanently installed WROVs Hangar deployed, Option of 2 x OBSROV main deck deployed:  
– 2 x 150 hp Quasar Mk II Work Class ROV  
– Option; Seaeye Lynx Inspection Class / Seaeye Cougar XT inspection Class

## DECK SERVICES

Multiple 440v 630A/1000A power supplies to main deck. Additional 230v/110v, network, communications and alarm supplies. Dual seawater cooling supplies.



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