

CABALLO DE TRABAJO SPECIFICATION

GENERAL

Vessel Name	Caballo de Trabajo
Shipbuilder	Hoop International Lobith B.V.
Type	Dive Support and Construction Vessel
Year of Construction	2002
Flag	Mexican
Port of Registry	Cd. del Carmen
Official Number	0401143235-7 (IMO - 9269415)
Call Sign	XCXU
Classification	(ABS) ✕ A1, ✕ Fire Fighting Vessel Class 2, Offshore Support Vessel. (E) ✕ AMS, ✕ ACCU, ✕ DPS-2

DIMENSIONS

L.O.A.	81.6 m
L.B.P.	74.95 m
Beam	18.0 m
Depth	7.4 m
Draft (Maximum)	6.2 m
Gross Tonnage	3,906
Net Tonnage	1,172

MACHINERY

Main Engines	Diesel Electric 4 x CAT 3512B, 1,360 kW each 1 x CAT 3606C, 315 Kw (Auxiliary)
Total kW	5,440 kW
Bow Thrusters	2 x 1,087 hp (tunnel) Kamewa TT1650 KIII CP
Main propulsion	2 x Azimuth thruster Aquamaster US 2001/3150

POSITIONING SYSTEM

Positioning System	Alston ADP21 Duplex Dynamic Positioning System
Reference Systems	1 x Hydro acoustic system consisting of one Sonardyne Ultra Short Base Line (USBL) System 2 x DGPS Receivers (1 off Inmarsat down converter & 1 off Spot beam antenna) 1 x Laser Positioning system type CyScan

ACCOMODATION

Fully air conditioner, heat and sound insulated accommodation for up to 155 persons	Single, double & quadruped cabins, all with wc and shower integrated Ship, Clients, Dive Superintendent and Inspection Offices
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CRANEAGE & DECK EQUIPMENT

Main Crane (Port side)	Techcrane T200-58-100, telescopic boom
Load Capability	2005 upgrade up to 200,000 lbs @ 35' radius / 80,000 lbs @ 80' radius
Auxiliary Crane (starboard side)	Link Belt API65, 50' lattice boom, 25,000 lbs @ 35°

SAT. DIVE SYSTEM

Max Operating Depth	200 m
Capacity	10 divers

HELIDECK

Construction	Top of the deckhouse forward, aluminum
Load Capability	Bell 212 (Sikorsky S76)

CARGO CAPACITIES

Clear Deck	610 m ²
Deck Area	600 m ²
Deck Cargo	450 tons
Deck Load	5 ton/m ²
Potable Water	740 m ³
Fuel Oil	750 m ³

NAVIGATION/COMMUNICATIONS

Navigation	Arpa radar, 1 off, Furuno FR-2815 Radar, 1 off, Furuno FR-2135S Navtex receiver, 1 off, Furuno NX-500 GPS navigator, 1 off, Furuno GP-80 Echosounder, 1 off, Furuno FE-700 Doppler speed log, 1 off, Furuno DS-80 Magnetic compass, 1 off, Cassens & Plath, type Reflecta
Communication	In compliance with GMDSS regulations, area 3 Inmarsat Satcom C, 2 off, Furuno Felcom-12 Inmarsat Satcom B, 1 off, Furuno felcom-82 Radio telephone installation, Furuno FS-1562/25, 250 W VHG radio's, 2 off, Furuno FM-8500m with built in DSC Radar transponder, 2 off, Jotron, type Tronsart

FIRE FIGHTING EQUIPMENT

Firefighting Pumps	Fully compliance with requirements of Fire Fighting Vessel Class 2 4 x 1800 m ³ /hr at 15 bar @ 1800 rpm
Firefighting Monitors	4 x 7,200 m ³ /hr
Remote Control of Monitors	Electrical azimuth (+165° and -165°) Elevation total: - 35° to + 75°
Helideck Firefighting	3 x foam monitors, one on each exit

The specifications listed on this data sheet are subject to change without notice and cannot be used for contractual purposes. Up-to-date configurations and specifications will be supplied on request