

Subsea Construction and Well Intervention Support Vessel

Sapura Constructor



General Description

Owner:	Sapura Energy Australia
Year of Build:	2008
Type:	MT 6022L – MP Subsea Operational Support Vessel
Design:	Marin Teknisk AS
Area of Operation:	Worldwide
Flag:	Panama
Class:	DNV + 1A1, R Ship-shaped Well Intervention Unit SF COMF-V(3), HeliDeck-S, Eo DYNPOS-AUTRClean DK (+).

Main Dimensions

Length overall:	117.35 m
Length between p.p.:	109.90 m
Breadth moulded:	22.00 m
Depth main deck:	9.00 m
Maximum draught midship:	7.15 m
Depth shelterdeck:	11.80 m
Deadweight at SWL:	~6,400.00 mt
Moon pool:	7.2 x 7.2 m with wave damping
Heli-deck diameter (for S92):	22.20 m

Accommodation

Maximum POB for 120 persons + 15 divers.*

Cabins:	Cabins : 20 x 1 man cabins 46 x 2 man cabins 2 x 2+2 man cabins
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* Divers accommodated in Dive Chambers.

Enclosed lifeboats:	4 x 60 man + 1 x 15 man SPHL
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Performance

Speed (d=4.5m):	~16 knots
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Capacities

Gross tonnage (International):	~6,200 GRT
Net tonnage:	~1,820 mt
Deck strength:	10 t/m ²
Water ballast:	3,500 m ³
Fresh water:	1,253 m ³
Fuel oil (@ 90% capacity):	1,006 m ³
Lubricating oil:	35 m ³
Miscellaneous tanks:	60 m ³
Cargo deck:	~1,300 m ²

Navigation / Communication

- GMDSS A3
- VSAT - 2 x C Band Antenna
- Mobile phone GSM integrated
- Clearcomms to main work areas
- Data network on vessel; 2 x C-Band antenna (auto fail over setup) 1536 / 1536 (upgradeable)

Propulsion and Generating Machinery

- Main Engines, 5 x 3516, each 2,100kW
- Auxiliary Engine, 1 x 3512, 1,700kW
- Main Generators, 5 x 690V, ~2,028kVA each
- Emergency Generator, C9-D1, 250kVA
- Main Propulsion Thrusters, 2 x EL. driven FP AZP120, each 3,000kW
- Bow Retractable Thruster, 1 x EL. driven FP, 1,200kW
- Bow Tunnel Thruster, 2 x TT2400, each 1,300kW

Cranes / Lifting

Main Crane

Hydramarine, DNV Class Offshore Crane

- 250Te @ 10m – 2 fall (inbuilt DAF = 1.4)
- 200Te @ 12m – single fall
- 2500m depth capability
- 10Te auxiliary block with manriding capability
- with active heave compensation (AHC)

Other Cranes

- Deck Cranes
 - 2 x 5Te at 15m radius with knuckle jib
 - 1 x 1.2Te at 14.4m radius foldable crane
- Provision Crane – 1Te at 15m radius foldable crane

Anti-Heeling System

Anti-heeling	:	3000 m ³ /hr
Roll reduction tanks	:	3

DP System

- Kongsberg Maritime AS, SDP21
- 2 DGPS
- 1 Hipap 500
- 1 Fan beam
- 1 Taut wire 500m depth
- Plus other inputs as required

Saturation Dive System

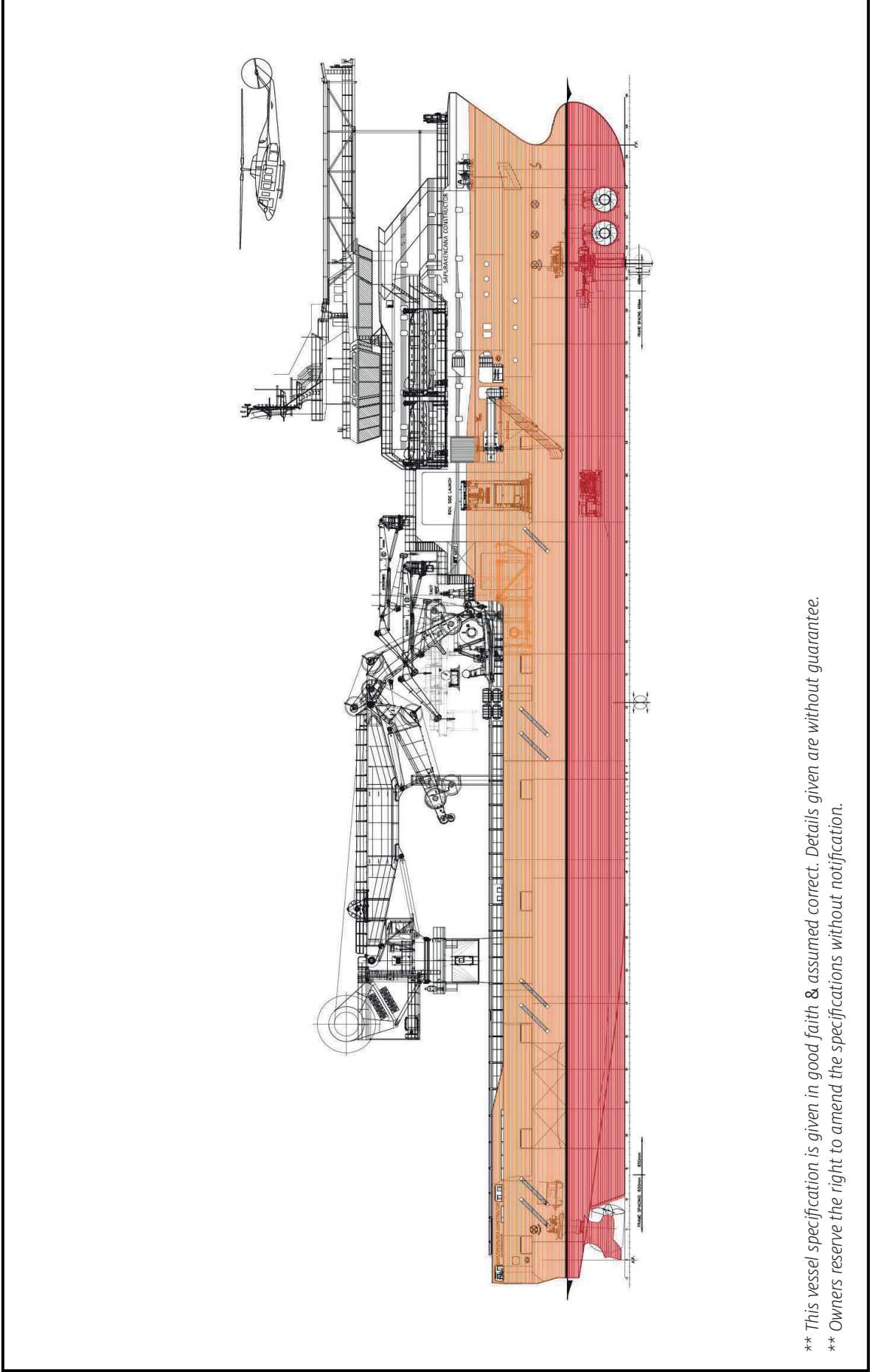
- CL300 Lloyd's Register Class
- 300m depth, 12-man system
- 3-man bell
- Below deck gas storage 15,000m³
- Self Propelled Hyperbaric Lifeboat (SPHL) with Davit launching system

Air Dive System

- CL50 IMCA compliant
- Twin basket LARS in hanger
- 1 DDC twin lock

ROV Equipment

- 2 x 150hp WROVs, 3000m depth
- Both in hangars with dedicated LARS for each
- Central control room



** This vessel specification is given in good faith & assumed correct. Details given are without guarantee.

** Owners reserve the right to amend the specifications without notification.