

PACIFIC CONSTRUCTOR

Subsea Multi-Purpose Vessel

- 1 x Kystdesign Supporter 6000 m WROV
- 1 x Schilling HD 5000 m WROV
- 1 x Moonpool 7.2 m x 7.2 m
- Kongsberg class DP 2 system
- 2 x Kongsberg HiPAP 501
- Active Heave Compensated 250 t offshore crane
- Accommodation for 102 persons
- 1300 m² deck area plus 346 m² cargo holds below main deck
- Anti-heeling system
- Helideck
- ERN 99,99,99,99



TECHNICAL SPECIFICATIONS

VESSEL

Port of registry:	Singapore
Flag:	Singapore
IMO Number:	9682148
Class:	DNV, 1A1, SF, E0, DYNPOS-AUTR, DK(+), HELDK-S, COMF-V(3)/C(3), Clean Design, ICE-C, SPS, LFL*, NAUT-OSV(A), DNV crane
Call sign:	9V6614
Builder:	Kleven Verft AS
Built:	2014
ERN:	99,99,99,99

DIMENSIONS & CAPACITIES

Length overall:	115.40 m
Length between P.P.:	108.25 m
Breadth:	22.00 m
Draft maximum:	7.12 m
Deck space:	1300 m ²
Gross tonnage:	7888 tonnes
Net tonnage:	2366 tonnes
Cargo holds:	346 m ²
Water ballast (approx):	4400 m ³
Fresh water (approx):	1250 m ³
Fresh water production:	35 m ³ /day
Fuel oil (approx):	1750 m ³

SPEED

Service speed (approx):	12.5 knots
Max speed (approx):	14.1 knots

MAIN ENGINES / GENERATORS / THRUSTERS

Main engines:	5 x Caterpillar 5 x 2230 kW
Generators:	1 x 1700 kW (harbor)
Stern thrusters:	1 x 800 kW Tunnel
Main propulsion:	2 x 3000 kW Contax
Fwd thrusters:	2 x 1370 kW Tunnel
Fwd retractable thruster:	1 x 1200 kW Azimuth

MAIN CRANE

TTS Offshore Crane	
Main winch:	250 t/ 12 m radius
Wire length main winch:	3000 m
Max outreach:	65 t/ 35 m radius

Hook speed full load:	0-24 m/min
Hook speed light load:	0-65 m/min
Aux winch:	20 t/ 36 m radius
Wire length aux winch:	2500 m
Tugger winch:	5 t

DECK CRANES

Deck cranes:	2 x TTS 5 t/ 18 m radius (for provisions)
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ACCOMMODATION & MEETING ROOMS

Total:	102 persons
Berths:	24 x 1 / 39 x 2
Lounge:	1 x 70 m ² / 14 m ²
Mess room:	1 x 90 m ²
Meeting room:	1 x 30 m ² / 16 m ²
Online room:	1 x 40 m ²
Offline room:	1 x 44 m ² (offline/ geo room)
ROV:	1 x 22 m ² (control room)
Office:	1 x 12 m ² (client)
Hospital:	1 x 22 m ²
Gymnasium:	1 x 30 m ²

NAVIGATION / DP SYSTEM

Radar:	1 x Furuno 10 cm radar (S-band) w/Arpa 1 x Furuno 3 cm radar (X-band) w/ Arpa
Gyro:	3 x Gyro compasses
GPS:	2 x DGPS system
Additional DP ref.:	Taut wire 1 x Cyscan 1 x Radius
Heading Sensor:	1 x Seapath 300
MRU:	2 x Kongsberg MRU 5 1 x Kongsberg MRU 2
DP:	3 x Kongsberg DP Operator Stations
Sensors:	2 x wind sensors
Echo Sounder:	1 x navigation echo sounder
Speed log:	1 x speed log
ECDIS:	Dual ECDIS, approved for paperless navigation
USBL:	2 x HiPAP 501

COMMUNICATION EQUIPMENT

VHF:	2 x VHF w/DSC
MF / HF:	1 x MF w/ DSC 1 MF/HF w/DSC
Inmarsat:	2 x Inmarsat-C with telex & EGC receiver
GMDSS:	2 x GMDSS A3 with alarm panel
Fleet:	1 x Fleet 77 w/ fax and interface to DP
Navtex:	1 x Navtex
VSAT:	Dual C-band
VSAT phone:	15 lines
Phones:	3 x mobile phones & 4G connection
UHF:	Portable and stationary, available for internal communication
ClearCom:	Available in office and operation areas

ROV HANGAR

A double ROV hangar, housing two ROVs, is situated aft of the accommodation area. The hangar may be closed in order to function as a protected work area for storage, maintenance and handling of the ROV systems. The vessel also holds a ROV mechanical and electrical workshop.

LAUNCH & RECOVERY SYSTEMS ROV

ROV 1:	<ul style="list-style-type: none"> Schilling HD 5000 m Work Class ROV Ulmatec Launch and Recovery System AHC winch with 5500 m umbilical capacity
ROV 2:	<ul style="list-style-type: none"> Kystdesign Supporter 6000 m Work Class ROV Ulmatec Launch and Recovery System AHC winch with 5700 m umbilical capacity

HELIDECK

Sikorsky S-92	
Type:	MTO EH101
Rules:	CAA CAP437
	26.1 D-value / 16 tonnes
	Sky lounge (17 m ²)
	Reception (21.5 m ²)

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