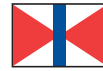


# SEABED SUPPORTER

## Multi-Purpose Subsea Vessel

- 1 x Triton XLX 4000 m WROV
- 1 x Sub-Atlantic Mohican 3000 m OBS ROV
- Work Moonpool 4.2 m x 4.8 m
- Rolls-Royce DP2 system
- 2 x Kongsberg HiPAP 501 USBL system
- Active heave compensated  
50 t offshore crane
- Accommodation for 93 persons
- 755 m<sup>2</sup> deck area plus 300 m<sup>2</sup>  
cargo holds below main deck
- Clean Design and Comfort Noise-B
- ERN 99,98,98,98





## SEABED SUPPORTER

### TECHNICAL SPECIFICATIONS

#### VESSEL

Port of registry:	Nassau
Flag:	Bahamas
IMO Number:	9671632
Class:	RINA: C+, Special Service-Research Ship. Unrestricted navigation, GREEN PLUS, +AUT-UMS, +DYNAPOS (AMR), +SYS-NEQ-1, COMF-NOISE B, COMF-VIB-A
Call sign:	C6DZ7
Builder:	Fjellstrand AS
Built:	2014
ERN:	99,98,98,98

#### DIMENSIONS & CAPACITIES

Length overall:	89.85 m
Length between P.P.:	82.84 m
Breadth:	16.50 m
Draft lightship:	4.30 m
Draft maximum:	5.10 m
Draft minimum:	4.00 m
Deck space:	755 m <sup>2</sup>
Deck strength:	5 t/ m <sup>2</sup>
Gross tonnage:	4224 tonnes
Net tonnage:	1267 tonnes
DWT:	1900 tonnes
Cargo holds:	300 m <sup>2</sup>
Water ballast (approx):	2000 m <sup>3</sup>
Fresh water (approx):	320 m <sup>3</sup>
Fresh water production:	15-20 m <sup>3</sup> /day
Fuel oil (approx):	500 m <sup>3</sup>
Endurance at sea:	Approx. 40 days

#### SPEED

Economical speed:	7.5 knots
Service speed (approx):	11.5 knots
Max speed (approx):	13 knots

#### MAIN ENGINES / GENERATORS / THRUSTERS

Main engines:	4 x MTU 16V4000M23S 4 x 1840 kW
Generators:	4 x 1750 kW
Stern Thrusters/Prop.:	2 x 2000 kW Azipull
Fwd thrusters:	2 x 880 kW Tunnel
Fwd Azimuth:	1 x 1000 kW Azimuth

#### MAIN CRANE

Seanics Offshore Crane	
Main winch (AHC):	50 t/ 8 m radius
Main winch in 2-fall:	80 t/ 6.5 m radius
Wire length main winch:	3000 m approx
Max outreach:	20 t/ 22 m radius
Hook speed full load:	0-45 m/min
Hook speed light load:	0-90 m/min
Aux winch:	10 t/ 22 m radius
Wire length aux winch:	3000 m
Tugger winch:	3 t

#### DECK CRANES

Deck crane:	1 x Palfinger Marine 1 t/ 15 m radius
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#### ACCOMMODATION & MEETING ROOMS

Total:	93 persons (SPS compliant 60 POB)
Berths:	19 x 1 / 31 x 2 / 3 x 4
Lounge:	1 x 48 m <sup>2</sup> / 15 m <sup>2</sup> (non-smoking/ smoking)
Mess room:	1 x 90 m <sup>2</sup>
Meeting room:	1 x 38 m <sup>2</sup>
Online room:	1 x 14 m <sup>2</sup>
Offline room:	1 x 30 m <sup>2</sup>
ROV:	1 x 34 m <sup>2</sup> (control room)
Office:	1 x 14 m <sup>2</sup> (client) 2 x 15 m <sup>2</sup> (client) 1 x 4 m <sup>2</sup> (ROV) 1 x 14 m <sup>2</sup> (OM)
Hospital:	1 x 16 m <sup>2</sup>
Gymnasium:	1 x 12 m <sup>2</sup>

#### NAVIGATION / DP SYSTEM

Radar:	1 x 10 cm radar (S-band) w/ Arpa 1 x 3 cm radar (X-band 9 Ghz) w/ Arpa
Gyro:	3 x Gyro compasses
Satnav:	2 x DGPS systems
Reference Systems:	DGPS, Tautwire, RadaScan, HiPAP
MRU:	2 x Kongsberg MRU 5 1 x Kongsberg MRU-D
DP:	2 x DP Desk Rolls-Royce Icon (DP2 compliant)
Sensors:	3 x wind sensors

Echo Sounder:	1 x navigation echo sounder
Speed log:	1 x speed log
ECDIS:	Dual ECDIS
USBL:	2 x HiPAP 501

#### COMMUNICATION EQUIPMENT

VHF:	2 x VHF w/DSC 3 x VHF 6 x UHF
MF / HF:	1 x MF/HF w/DSC
Inmarsat:	2 x Inmarsat-C with SSAS alarm
GMDSS:	1 x GMDSS A3
Navtex:	1 x Navtex
VSAT:	1 x Ku-band VSAT
Iridium:	L-band voice
GSM:	1 x GSM mobile phone
Portable VHF:	3 x Portable VHF (GMDSS)
UHF:	Portable and stationary, available for internal communication
ClearCom:	Available in office and operation areas

#### ROV HANGAR

A ROV hangar 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"> <li>■ Triton XLX 4000 m work class ROV</li> <li>■ Seanics A-frame installed in ROV hangar</li> <li>■ AHC ROV umbilical winch</li> </ul>
ROV 2:	<ul style="list-style-type: none"> <li>■ Sub-Atlantic Mohican 3000 m Observation ROV</li> <li>■ Techsafe A-frame installed on aft deck</li> <li>■ ROV umbilical winch</li> </ul>