PACIFIC SUPPORTER
Subsea Multi-Purpose Vessel

- 1 x Triton XLX 4000 m WROV
- 1 x Sub-Atlantic Mohican 2000 m OBS ROV
- 1 x 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 m² deck area plus 300 m² cargo holds below main deck
- Clean Design and Comfort Noise-B
- ERN 99,99,98,98
PACIFIC SUPPORTER

TECHNICAL SPECIFICATIONS

VESSEL
Port of registry: Nassau
Flag: Bahamas
IMO Number: 9671632
Class: DNV GL:
  1A Clean (Design)
  COMF (C-3,V-3)
  DYNPOS (AUTR)
  EO NAUT (NAV) [Research Vessel]
Call sign: C6DZ7
Builder: Fjellstrand AS
Built: 2014
ERN: 99,99,98,98

DIMENSIONS & CAPACITIES
Length overall: 89.85 m
Length between P.P.: 82.40 m
Breadth: 16.50 m
Draft lightship: 4.30 m
Draft maximum: 5.10 m
Draft minimum: 4.00 m
Deck space: 755 m²
Deck strength: 5 t/m²
Gross tonnage: 4224 tonnes
Net tonnage: 1267 tonnes
DWT: 1900 tonnes
Cargo holds: 300 m³
Water ballast (approx): 1989 m³
Fresh water (approx): 316 m³
Fresh water production: 10-15 m³/day
Fuel oil (approx): 500 m³
Endurance at sea: Approx. 30-35 days

SPEED
Economical speed: 9 knots
Service speed (approx): 12 knots
Max speed (approx): 14 knots

MAIN ENGINES / GENERATORS / THRUSTERS
Main engines: 4 x MTU 16V4000M23S
4 x 1840 kW
Generators: 4 x 1750 kW
Sterm Thrusters/Prop.: 2 x 2000 kW
Azimuth
Fwd thrusters: 2 x 880 kW
Tunnel
Fwd Azimuth: 1 x 1000 kW
Azimuth

MAIN CRANE
Seasons 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

ACCOMMODATION & MEETING ROOMS
Total: 93 persons (SPS compliant 60 POB)
Berths: 19 x 1 / 31 x 2 / 3 x 4
Lounge: 1 x 48 m² / 15 m² (non-smoking) / 15 m² (smoking)
Mess room: 1 x 90 m²
Meeting room: 1 x 38 m²
Online room: 1 x 14 m²
Offline room: 1 x 30 m³
ROV: 1 x 34 m³ (control room)
Office: 1 x 14 m³ (client)
2 x 15 m³ (client)
1 x 4 m³ (ROV)
1 x 14 m³ (OM)
Hospital: 1 x 16 m²
Gymnasium: 1 x 12 m²

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
GPS: 2 x DGPS systems
Additional DP ref.: Tautwire
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 phone: 15 lines
Iridium: 1 x L-band voice
Phones: 3 x mobile phones & 4G connection
Portable VHF: 3 x Portable VHF
(UHF)
GMDSS: 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:
■ Triton XLX 4000 m work class ROV
■ Seasons A-frame installed in ROV hangar
■ AHC winch with 4050 m umbilical capacity

ROV 2:
■ Sub-Atlantic Mohican 2000 m Observation ROV
■ Techsafe A-frame installed on back deck
■ Winch with 2500 m umbilical capacity

PACIFIC SUPPORTER SUBSEA MULTI-PURPOSE VESSEL

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