VESSSEL:

DP2 SEAMASTER

CLASSIFICATION:
DP2 ROV/ Survey/ Light Construction & DSV

TECHNICAL SPECIFICATIONS

BUILT: 2012
HULL: Aluminium Catamaran

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IMO: 9616450
TRADING AREA: A1
CALL SIGN: VNZ2632

DIMENSIONS
LENGTH OVERALL: 40m
BEAM: 15m
DRAFT: 2.8m
GROSS TONNAGE: 489t
NETT TONNAGE: 147t

PERFORMANCE
SPEED (CRUISE): 11.5kts
SPEED (MAXIMUM): 13kts
DP PERFORMANCE: Kongsberg
STAND-BY: 1mt/per day
DP OPERATIONS: 2mt/per day
TRANSIT: 5mt/per day

MAIN ENGINES: 2 x C32 Acert Caterpillar 1209.5kw each
GENE RATORS: 3 x C18 Caterpillar 580kw EACH
THRUSTERS (AFT): 2 x Thrustmaster TZ 1050BHP 4 Bladed Azimuth
THRUSTERS (FWD): 4 x Thrustmaster TT 250BHP 4 Bladed Azimuth

CAPACITIES
FUEL CAPACITY: 155,000L (Diesel)
FRESH WATER: 65,000L
WATER MAKER: Hem 2 x 6,000L/day
SEWERAGE TREATMENT: Harmon, Marpol Compliant
OILY WATER SEPARATOR: Marpol Compliant

DECK AREAS
MAIN DECK: 300 sq/m
DECK LOADING: 5.0t sq/m

DECK EQUIPMENT
MAIN DECK CRANE: Palfinger PTM 1200
LIFTING CAPACITY SWL:
8m 12t
10m 10.5t
12m 8.5t
14m 7.1t
SERVICE CRANE: Palfinger PK 15500m
LIFTING CAPACITY SWL:
- Max 6.2t for 4.5m
- 3.26t for 6.1m
- 2.38t for 8m
- 1.69t for 10.1m
- 1.23t for 12.2m
- 0.91t for 14.3m
- 0.65t for 16.5m

MOON POOL:
- 4.5m (L) x 3.2m (W) with folding hatch

MOORING SYSTEM (FWD):
- 2 x 350kg SHHP Anchors & 100m Chain

SAFE EQUIPMENT
- LIFE RAFTS: 2 x 50 Person
- RESCUE BOAT: 1 x 4m Solas rescue boat with Solas hydraulic davit and 15hp diesel outboard
- LIFE JACKETS: 150% of compliment (as per class)
- WORK BOAT: 6.0m alloy workboat with 150hp diesel inboard and stern leg

DYNAMIC POSITIONING SYSTEM
- TYPE: Kongsberg K-POS DP2
- REFERENCE SYSTEMS (x5):
  - 2 x DGPS
  - 1 x Fan Beam
  - 1 x Taut Wire
  - 1 x Sonardyne Ranger 2 USBL

NAVIGATION
- RADAR: 2 x Furuno FAR-2127
- AIS SYSTEM: Furuno FA-150
- ECDIS SYSTEM: Furuno FEA2107 Radar Overlay PCB
- AUTO PILOT: Kongsberg K-POS DP2 (Integrated)
- DGPS (IMO COMPLIANT):
  - 2 x Furuno GP-150 with OP20-32-1 Antenna
- NAVTEX RECEIVER: JMC NT-2000
- GYRO COMPASS: 3 x C Plath Navigate x MKI
- GYRO REPEATER: 2 x C Plath Digital
- MAGNETIC COMPASS: 2 x Lillie & Gillie Walker – Steering & Standard
- WIND SYSTEM: 1 x Lillie & Gillie Walker
  - 1 x Kongsberg
- ECHO SOUNDER: Furuno FE-700 6.5"
  - Furuno PP-505-FE Printer
- SPEED LOG: Furuno Doppler DS-80

H2S GAS MONITORING:
- Fixed H2S Monitoring System Installed (Certified)

COMMUNICATIONS
- SAT PHONE (1):
  - F77 Sailor FB500
- SAT PHONE (2):
  - 2 x Thuraya Phone SG-2520
- SAT TV SYSTEM:
  - Seatel 3004
- GMDSS AREA A1-A3:
  - Furuno RC 1800T 25DC MK4 radio console with Inmarsat-C
- VHF SYSTEM:
  - 2 x Furuno FM-8800S
- NAVTEX RECEIVER:
  - Furuno NX700B
- SART:
  - 2 x ACR Tellusart MK3
- EPIRB:
  - Kannad 406
- FLEET BROADBAND 577:
  - Sailor FB500
- HANDHELD VHF RADIOS:
  - 3 x Sailor SP3520 Portable GMDSS
- HANDHELD VHF RADIOS:
  - 3 x Sailor SP3510 Portable (Waterproof)
- PABX:
  - DICS 6101 Central Unit, 24 lines
- PA & INTERCOM:
  - CIS-3130 Central Unit with 15+4 remote station
- VSAT:
  - Intellian – 24hr internet & main connection

ACCOMMODATION
- FULL AIR-CONDITIONING:
  - Gulf Standard
  - All Cabins with ensuite, shower, hand basin & toilet
- BERTHS:
  - 35 (23 for Charter Party)
  - 5 x single cabins, 4 x two berth cabins, 2 x three berth cabins and 4 x four berth cabins
- GALLEY & DINING:
  - 35
- SURVEY OFFICE:
  - Seats 8
- LOUNGE:
  - Seats 15
- TOILETS:
  - 16
- SHOWERS:
  - 15
- LAUNDRY:
  - 2 x washing machines
  - 2 x clothes dryers