



HORIZON GEOSCIENCES

QUEST HORIZON

VESSEL FEATURES

- DP-2
- Multipurpose Site Investigation Vessel
- Kongsberg K-Pos DP-21
- cJoy Independent Joystick System
- Conference room, offices, online/offline rooms
- Accommodation for 58 personnel
- Dayrooms and mess rooms
- 370 m² deck area
- Moon-pool 4 m x 3.6 m

The following equipment available subject to project requirements:

GEOTECHNICAL EQUIPMENT

- Heave Compensated Drill Rig
- Wison-APB Sampling, PCPT and Down-hole Vane Testing Equipment
- Containerized mud mix & transfer system
- Fully equipped offshore soil testing laboratory
- 200 kN seabed CPT system
- ROSON 40 kN CPT system
- Vibro / Drop / Gravity Coring

POSITIONING SYSTEM

- Dual Veripos Apex DGPS

GEOPHYSICAL EQUIPMENT

Analogue Geophysical

- Side scan sonar
- Sub bottom profiler (pinger / boomer)
- Magnetometer / Gradiometer for UXO Surveys
- Multi Beam Echosounder
- Single Beam Echosounder
- Motion sensors
- CTDS system

- Underwater positioning system
- 2D HR Digital Seismic Equipment (optional)

ROV EQUIPMENT

- Rovotics Shark G2 inspection class ROV

PRINCIPAL PARTICULARS

- Year Built: 2013
- Builder: POET, China
- Class: ABS + A1 (E) offshore Support Vessel, UWLD + AMS + DPS – 2
- Flag: Panama
- Call Sign: 3FQR9
- IMO Number: 9694218
- ISPS Code Compliant: YES

DIMENSIONS

- Length Overall: 65 m
- Breadth Moulded: 16.2 m
- Depth, Main Deck: 6 m
- Design Draft: 4.70 m
- Dead Weight: 1,569 T (Full Load)

CAPACITIES

- Fuel Oil: 430 m³
- Portable Water: 500 m³
- Clear Deck Area: 370 m²
- Open Deck Strength: 5 T / m²

PERFORMANCE

- Maximum Speed: 12 knots
- Endurance: 45 days

MACHINERY

- Main Engines: 2 x Niigata 6L 26 HLX 1471 KW @ 750 Rpm



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FIRST-CLASS SURVEY AND GEOTECHNICAL SERVICES



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- 2 x Nigata
- Propulsion: Fixed pitch Z drive propeller, kort nozzle
- Bow thrusters: 2 x 530 kw Rolls Royce
- Generators: 4 x 530 kw Caterpillar 3 phase – 415 volts, 50 HZ
- Emergency Generator: 1 x 136 kw Cummins

DYNAMIC POSITIONING

- Make: Kongsberg K-Pos DP
- Capacity: 1 x HiPAP 501, 2 x DGPS Veripos, 1 x Radius 1000, 1 x LWT Taut wire

DECK CRANE

- Make: S. China Marine Mcy Co
- Capacity: Two fall @ 12 m 30 T, Two fall @ 24 m 15 T

COMMUNICATIONS

- V-SAT Internet and telephone
- VHF, GMDSS Radio Equipment etc.

DECK MACHINERY

- Anchor Windlass: Hydraulic Driven Double Gypsies
- Anchors: 2 x 1,980 kg HHP Stockless Bower Type
- Capstans: 2 x Vertical Type Capstans

LIFE SAVING APPLIANCE

- In Compliance with SOLAS 1974
- 1 x Fast Rescue Craft

ACCOMMODATION

- Total Capacity: 58
- Single Berth Cabins: 8
- Double Berth Cabins: 17
- Four Berth Cabins: 4

- Offices: 4
- Client: 1
- Vessel: 1
- Ops/Survey: 2
- Hospital: 1 x 1 bed
- Gymnasium: 1
- Recreation room: 1
- Mess room: 1

NAVIGATION EQUIPMENT

- 1 x Radar X band / 1 x Radar S Brand
- DGPS (IMO Approved)
- ECDIS (Transas)
- AIS
- Echo Sounder
- Speed Log
- 3 x Gyro Compass System
- Autopilot (Simrad)
- Weather Fax Receiver
- BNWAS
- GMDSS Radio Equipment
- Navtex Receiver

Note: This specification is subject to change without notice.

