

## Geo Challenger



- Seismic Research Vessel
- Kongsberg SDP 21 - HiPAP
- Helideck, Sikorsky S-92A
- Dreggen knuckle jib crane, 10 t / 18 m
- Conference room, offices, instrument and processing rooms
- Accommodations for 60 persons
- Dayrooms, mess and gym



## Technical Details

**GENERAL INFORMATION**

Flag:	NIS
Call Sign:	LAPI5
IMO Number:	9194115
Class:	DNV 1A1, SF, HELDK, EO, TMON
Year Built:	2000
Converted:	2006

**DIMENSIONS**

LOA:	91.3 m
LBP:	81.9 m
Beam:	18.8 m, 23.8 m aft
Draught (SSW):	6.44 m
Gross tonnage:	7,127 t
Net tonnage:	2,139 t

**TANK CAPACITIES**

Fuel oil:	2,379 m <sup>3</sup>
Ballast water:	907 m <sup>3</sup>
Fresh water:	707 m <sup>3</sup>

**SPEED**

Maximum:	16 knots
Service:	13 knots

**ACCOMMODATIONS**

- 60 persons
- 24 single cabins / 18 doubles

**MAIN ENGINES**

Main Engines:	(2) Ulstein Bergen BVM12; 5,300 kW (750rpm) each
Generators:	(2) VanKaick 2,800 kVA 2,300kW (440-60 Hz) each

**AUX. ENGINES**

Aux. Engines:	(2) Caterpillar 3516B, 1825 kW (1,800rpm) each
	(3) Caterpillar C18, 480 kW (1800rpm) each
Generators:	(2) AEM SE500 1,825kW (440-60 Hz) each
	(3) Stamford, 480 kW (440-60 Hz) each

**THRUSTERS**

Stern thrusters:	(2) 660 kW CP Ulstein, tunnel
Bow thrusters:	(2) 883 kW CP Ulstein, tunnel (1) 883 kW CP Ulstein, azimuth

**DECK EQUIPMENT**

- Ulstein Brattvåg BFGM 63 windlass
- 2 capstans
- Hydramarine knuckle jib crane HMC1301LK (3 t / 16.5 m)
- Pallfinger provision crane (2 t / 10 m)
- Dreggen knuckle jib crane (10 t / 18 m)

**NAVIGATION & INSTRUMENTATION**

- 3 Furuno ARPA Radars
- 1 EA 500 Echo Sounder
- 1 Furuno Telechart 2050
- 1 Furuno DS 70 (log)
- 1 Furuno GP 80 (GPS)
- 1 Robertson (autopilot)
- 1 Robertson (robtrack)
- 3 Anschutz Std 20 Gyroscopes

**COMMUNICATIONS**

- System in accordance with SOLAS requirements for GMDSS – A3
- 1 Schlumberger Rignet (V-Sat / KU-band) optional
- 1 Fleet 77
- V-SAT
- 2 GSM mobile telephones

**DYNAMIC POSITIONING SYSTEM (DP)**

- 1 Kongsberg SDP 21
- 1 Kongsberg HiPAP

**HELICOPTER DECK**

- 21 m x 21 m (Sikorsky S-92A)

**LIFE-SAVING EQUIPMENT**

- (4) 25 person life rafts
- (4) 20 person life rafts
- (1) MP-800 Springer FRC

*Equipment will depend on contract details.  
Specifications subject to change without prior notice.*