

## Geograph



- ROV/Survey Vessel – DP II
- Speed – 17 knots maximum
- 2 x Kongsberg HiPAP 500 (dual mode)
- Kongsberg EM710 MBES
- Kongsberg EM122 MBES
- Kongsberg SBP120
- Main crane: National Oilwell 20t@9m – 1500m wire - ACH
- Conference room, internet café, offices, online/offline rooms
- Accommodations for 50 persons
- Dayrooms, mess and gym
- 370 m<sup>2</sup> Deck area (5.0 t)



## Technical Details

## GENERAL INFORMATION

Flag:	NIS
Call Sign:	LADT7
IMO Number:	9267388
Class:	DNV +1A1, ICE-1B, E0, DYNPOS-AUTR, Dk+
Year Built:	2007

## DIMENSIONS

LOA:	70 m
LBP:	61.8 m
Beam:	14,6 m
Draught:	5.8 m
Gross tonnage:	2733 t
Net tonnage:	820 t
Deck Area (5.0 t)	370m <sup>2</sup>
Deck load (total)	Abt 300t

## TANK CAPACITIES

Fuel oil:	909m <sup>3</sup>
Ballast water:	806m <sup>3</sup>
Fresh water:	Abt 236m <sup>3</sup>

## SPEED

Maximum:	17 knots
Service, by thruster:	8-10 knots
After installation of propeller:	14-15 knots

## ACCOMMODATIONS

- 50 persons
- 33 cabins (18x1, 14x2 and 1x4)

## MAIN ENGINES

Main Engines:	(2) Caterpillar 3612TA 3,460 kW (900 rpm)
Generators:	(2) Leroy Somner 4,172 kVA

## AUX. ENGINES

Aux. Engines:	(2) Caterpillar C18TTA 601 kW (1800 rpm)
Generators:	(2) Stamford HCM534F-2 550kW

## THRUSTERS / PROPULSION

Stern thrusters / Propulsion	(2) RR TCNS 073 1,000 kW (retractable)Steaming
Bow thrusters:	(1) RR 375 TW 900 kW Tunnel (1) RR TCNS 073 883 kW Azimuth (retractable)

## MAIN CRANE

- National Oilwell: 20t -9m / double fall – AHC  
10t -18,5m /single fall, 1500 m

## DECK EQUIPMENT

- (2) capstans
- (1) anchor winch

## NAVIGATION &amp; INSTRUMENTATION

- (1) JRC 3cm Radar JMA-5320-7 ARPA
- (1) JRC 10cm Radar JMA-5330-12SA ARPA
- (2) GPS/DGPS Leica
- (2) C.Plath Navigate X MKI std gyrocompass
- (1) C.Plath Navigate 2100 fiberoptic gyro
- (1) AGD4000 Full autoadaptive autopilot
- (1) Skipper GDS 101 Echo Sounder
- (1) Consilium SAL R1a (speed log)
- (2) MARIS ECDIS 900 chartmachine

## COMMUNICATIONS

- (1) MF/HF Radio
- (2) SatCom C
- (1) VHF Duplex
- (1) VHF Simplex
- (1) Navtext receiver
- (1) Immarsat F77
- (1) Weather Fax
- (4) Fixed UHF
- (1) V-SAT KU-Band/C-band (optional)
- (3) GSM mob. telephones

## DYNAMIC POSITIONING SYSTEM (DP)

- (1) Kongsberg SDP 21
- (1) Kongsberg Seapath 200 (DGPS)
- (2) DGPS (1xPOSMV, 1xDPS132)
- (1) Kongsberg Radius 1000
- (2) Kongsberg HiPAP 500 (dual mode)
- Hull-mounted Kongsberg EM710 Multi-beam Echo sounder (70 to 100 kHz / 3 to 2,000 m)
- Hull-mounted Kongsberg EM122 Multi-beam Echo sounder (12 kHz / 20 to 11,000 m)
- Hull-mounted Kongsberg SBP120 Sub-Bottom Profiler (2.5 to 7 kHz / 6° x 6° array)
- BOT Moving Vessel Profiler
- RDI Ocean Surveyor ADCP (75 kHz) – option

## LIFE-SAVING EQUIPMENT

- (1) Norsafe Magnum 750
- (1) Vestdavit PLR-3250
- (6) 25 person life rafts – DSB
- (56) Survival suits
- (68) Lifejackets

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