

ATLANTIC GUARDIAN SHORT SPECIFICATION

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Built	2001
Major Upgrade:	2014 (Accommodation, Crane and propulsion)
Type	Support vessel
Class	DNV
IMO Nr.	9239355
Class Notation	1A1.E0.HELIDK-SH.DYNPOS AUTR.
Callsign:	LAEU6
LOA	103,49m
LPP	85,95m
Breath Moulded	18,0m
Draft	5,75max
GRT	7172T
Net Tonnage	2151T
Helideck	Dia: 21m (Sikorsky S-92)

CARGO CAPACITIES:

Main Cable Tank	2x 842 m3
Internal Diameter	12m

FRESH WATER

Capacity:	809 m3
Consumption:	10 m3 pr. day.
FW generator:	2 x JWP 26 – C80
Water production:	12 m3 pr. day

DECK MACHINERY/MOORING:

Anchor Winch	2x Ten Horn EHAW-48
For'd cranes	2x 2T Hydralift MCV886-2-11
Aft telescope crane.	Hydralift SWL 3/5T MCVC2T1610-3-2
Aft Knuckle crane	HEILA TYPE HR60/15-2BJ (3T / 15m)
Pallet Elevator	1 x 4T forward cable store
Gantry crane	2 x 2,5T Van Leuden B.V.
A Frame	Hydralift 20T SWL

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MACHINERY & PROPULSION:

Main Engines	3 x Wartsila 9L26A each 2790kw
Main Generators:	3 x ABB AMG 0710LT08 LSEA 3363 Kva / 2690 Kw each.
Aux. Engines	1 x Caterpillar 3508 900kw
Emergency Generator	1 x Caterpillar 3306 209kw
Main Propellers	2 x Lips Azimuth Thr's 2290kw (Controllable Pitch and RPM)
Bow Thrusters	1 x Retractable Azimuth 1500 kw (Controllable Pitch and RPM) 2 x Lips CT 200 MD Tunnel 900 kw

NAVIGATION & COMMUNICATION EQUIPMENT:

Radars	2 x JRC ARPA
ECDIS	Tecdis dual T 2138-A
Main Radio	Sailor
Inmarsat C	Sailor
GPS	2x Litton LMX 420 GPS/DGPS
Autopilot	Robertson AP9 Mk.3 Autopilot
Gyro	3x Yokogawa Gyro MED-B-798
V-Sat.	Telenor V-sat and LTE system (4G)

PERFORMANCE:

Bollard Pull	70T
Max Speed	13,5 Knots
Ec.speed	12 Knots
Consumption pr. day in transit	14 - 16 m3
Consumption pr. day Normal DP ops:	8-10 m3

ACCOMODATION:

Total Capacity	45
Cabins	29 Single, 8 Double.
Hospital	One off
Conference Room	One off

CONTIGENCY EQUIPMENT:

Fast Resque Craft	NorMar FRC 650
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OTHER INFORMATION:

Incenerator:	Teamtech OGS 400C
DP2 System	Kongsberg SDP 21
Hipap 500	One off
Sonardyne Pole	One off