



ATLANTIC MARINE
& AVIATION



Atlantic Surveyor

Multi Purpose Offshore Support & Survey Ship

Multi Role Offshore Ship

Atlantic Surveyor



•Research

•Safety

•Rescue

•Cargo

•Survey

•Supply

•Standby

•Guard Ship

•Dive Support

•Accommodation

Name

Class:

Type:

Call Sign:

Numbers

Built:

Registry:

L.O.A.

Bream

Summer Draft

Speed eco/max

TONNAGE

GRT

NRT

Capacities

Fuel Oil

Fresh Water

Consumptions

Atlantic Surveyor

B.V. (SS Due 2014)

Offshore Multi-role survey & support ship

TBA

TBA

1974 (Netherlands)

Liberia

61 M

11.4M

3.6M

10/12.5 Knots

748

224

65M3

32M3 + 4T/day Water maker

5M3/day (10 knots)

1.4M3/day Standby

1M3/day Port

Multi Role Offshore Ship

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Atlantic Surveyor

Principle capabilities



Endurance:

30 Days survey /standby

2750 Nmls @ 10 knots

Position keeping

Dynamic Electronic Touch Control system

Slow speed electric main thrust

Balanced & 60° side thrust rudder

Stern Thrust (5T Tunnel)

Bow Thrust (5T Tunnel)

360 retractable Azimuth Thruster (220HP)

Optional (TBF late 2011)

210 SqM

Joystick control /DPO

Deck areas

Deck Handling & Survey

Heavy Crane

Moonpool

A Frame

FRC Davit

Survey Winch

1 x 25 Ton (15T overside) boom Crane

900mm

4 Ton SWL

1 x 3.5 Ton Hydralift

High and low speed crane winches x 2

Accommodation:

Total 28 berths (including crew)

28 persons in 15 Cabins

All cabins fitted with Sat' TV

Crew complement:

6 Coastal / 9 Deep sea

Principle areas

Bridge, Survey room, Data room, Galley,
Mess, Stores, Office

Multi Role Offshore Ship

- Research
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- Survey
- ROV
- Standby
- Guard Ship
- Dive Support
- Accommodation

Atlantic Surveyor

Machinery & equipment



Propulsion:

Propulsion control

Main Screw
Main Engines
360° Azimuth Thruster
Rudders
Bow Thrust
Stern Thrust
Command Positions:

Propeller (Diesel Electric thrust)

Selectable: slow speed position keeping or high speed steaming.
1800 HP Electric motor
3 x Bolnes 1755 BHP
Scania 220Hp retractable azimuth unit
1 x 60° angle side thrust rudder
5T electric thrust
5T electric thrust
1 x Bridge & 2x wing consoles

Deck & Safety (standby)

1 FRC (Fast Rescue Craft) 1 x Avon DR 6.4M 15 man R.I.B (twin engine)
1 Hydralift Davit 1 x Hydralift heave compensated davits
M.O.B. retrieval 7M Dracon Scoop & crane
Twin Anchor
Stern Tow bollard + Powered Capstan

Survey:

RESON Single Beam Survey Standard Echosound transducer
USBL pole mount
900mm Moon Pool
ROV launch hydraulic A frame
UPS power to 9 station survey room with broadband access to all areas
Magnetometer launch and tow pole.
Mini ROV (100M water depth) fitted and available on board

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Atlantic Surveyor

Navigation & communications



Nav

Radars (2)
ECDIS

GPS (2)
Gyro / Autopilot
Echo Sounder
Navtex

Sat & Comms

GMDSS
MF/HF
UHF (3)
VHF (3)
AIS
Portable VHF
Portable UHF
Sonic Helmets
Smart Phone

2 x Colour Decca BridgeMaster ARPA

Electronic charting:

Transas worldwide +Gyro stabilised + AIS live feed

DGPS Koden GPS + Backup Koden GPS

Sperry / Robertson AP45

Reson TC 2122 33/210 KHZ

ICS Nav 5

Internet: Inmarsat Mini M (voice & data / email)

V-SAT 2 Meg Broadband + WiFi throughout the ship

Area A3 Global

Furuno 500W + DSC

3 x UHF units

2 x FM8800 GMDSS VHF, ICOM ICM 401/Furuno DSC^E

Yes

3 x Jotrun GMDSS / 6 x Entel 640 VHF

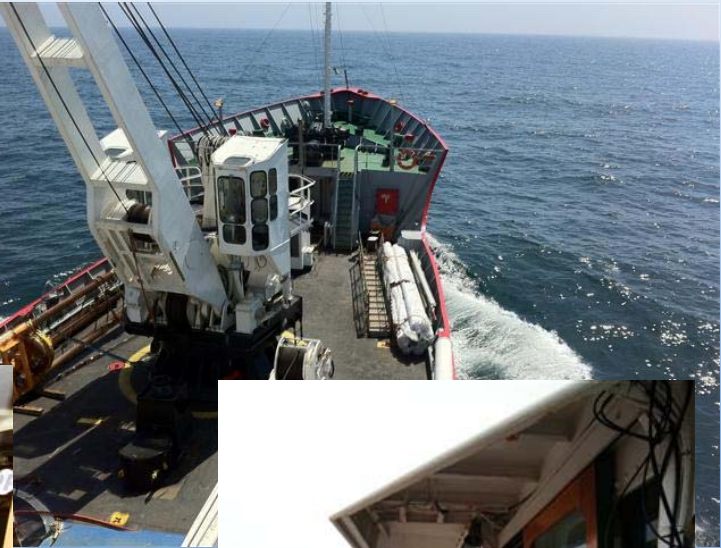
3 x Entel 880 UHF

4 x Sonic helmets Mrk 10

1 x Icom PS1



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