



M V S C O T I A N S H O R E

survey and support vessel for charter



Multi purpose survey, Geophysics & Geotechnics, Anchor Handling, Towage & Salvage, Cargo and Passenger Supply

MV Scotian Shore was first built as an anchor handling Tug/supply vessel (AHTSV) in Nova Scotia, to Lloyds 100A1 class with limited Ice classification for operations in the Alaskan oilfields, being converted only four years from her launch to the role of a Seismic Vessel for previous owners, Halliburton and the Western Geophysical (Western crest). The vessel was subsequently converted by Atlantic Marine, as a multi purpose survey ship & offshore support vessel suitable for world-wide operations and available on the spot market for time charter and for long term project charters. The recent additions during 1999 include a complete refurbishment of all client cabins and mess areas and the addition of a 50TON SWL Hydraulic "A" frame to replace the previous unit. The seismic equipment has been removed but the comprehensive deck hardware now complements the refurbished and cleared lab areas for client use. Drawing on the expertise from within the Atlantic Marine, together with our existing high profile survey client base, the specialist areas of operations will include site, pipeline and cable route surveys using Geotechnics (CPT & Vibrocores), and Geophysical surveys with emphasis on Multi beam technology and towed arrays. The ship also will continue to operate in towage and offshore support roles including PLGR route clearance, Burial Assessment surveys, salvage and heavy lift operations.

A true multi purpose deep sea survey and support vessel

The recent refit/modernisation program now provides comprehensive air-conditioned survey and accommodation spaces in addition to the large bridge area and client offices. A good size of clear aft deck area with a complete spread of handling equipment including a double drum tow winch, 2 large tugger/4 point mooring winches, 1 x 50 Ton "A" Frame, 2 HIAB cranes & 1 x 10M Boom crane. There is also a 22" gate valve for through hull access.

For more information contact:

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Principal Features

Classification:	INSB - Ocean trade
Port of Registry:	Kingstown, St Vincent
Length Overall:	56.38m (182 ft)
Length BP:	52m
Breadth Moulded:	13.6m (43.5ft)
Draft:	4.5m AV
Speed Max:	12 knots
Horse-power:	4000BHP
Bollard Pull:	54 S'tons/60 Long
Range:	8,000 Nm
Duration:	60+ days
Gross Tonnage:	939 GRT
Nett Tonnage:	282 NRT
Displacement:	1770 tonnes
Fuel Capacity:	410 M3
F.W. Capacity:	185 + 5 tonnes per day from evaporators
Accommodation:	28 persons LSA
Crew:	12/14
Signal Letters:	J8RE7
Official Number:	7029
IMO No.:	7312311
Year Built:	1974 (Rebuilt 1981)
Builder:	Ferguson Industries Ltd, Pictou, Nova Scotia

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Suitable Uses:

Towage, anchor handling & salvage operations, geotechnical surveys, CPTS & coring equipment deployment, geophysical survey including deep sea multibeam surveys, burial assesment including towed body deployment. ROV/SUB handling & support hydrographic projects.

Accommodation areas:

All fully air-conditioned for tropics.
17 Cabins for 28 persons total
Cabins for client reps and Party Chief with Satellite telephones access.
Client cabins all with Video, TV, Hi-fi.
2 x mess areas including a large TV lounge area with video library.

DP SYSTEM (Future Installation)

Due March 2000 - DP1/Joystick with dual referencing and acoustic position for ROV follow.

Machinery and Control

Main Engines

2 x Mirrelees Blackstone 2000BHP 16Cyls to direct drive L&H Reduction boxes. Total 4000BHP. 3 x Pneumatic control stations.

Main Propulsion

Twin Screw in Kortz Nozzles with twin spade rudders.

Auxiliary Propulsion

Bowthruster: Brunwol 320Hp Tunnel thruster.

Generators

2 x Caterpillar 240kW 415v 60Hz AC
1 x Caterpillar 112kW 415v 60Hz AC

Power Supplies

1 x 250 KVA 415V 3 or single phase 60 Hz
1 x 220v (7KW) UPS supply for Lab
1 x 50Kw 415/220v converter
100kva 110v 60hz

Auxiliaries

Water Evaporators - 5 tons/day

Sewage/rubbish treatment

Approved sewerage treatment plant.
Rubbish incinerator.

Stern working (Safety)

CCTV from bridge
Quick launch MOB boat davit system

Safety systems

Comprehensive QA system.
Compliance to Oil Co. Standard Safety audits

Deck area.

>Total of 200SqM (120 Sq M of open aft of winches), deck areas for client mobilised equipment on main deck + 80 Sqm on upper deck areas for storage.

Deck workshop for dedicated client use with welding, cutting Pillar drills etc.
Considerable additional hold/storage areas

Internal Communications

PBX exchange to client cabins & bridge
Internal talkback systems with communications to aft deck and winch control areas.
CCTV on aft deck

Work/Safety boats

1 x Avon 5.4M RIB Rescue boat + 1 x 80Hp OB Motor + high speed Davit launching.

Contact Telephone Numbers on board

GSM Mobile Tel: 0498 673420
Analogue Mobile Tel: 0860 592565
INMARSAT bridge: 00 (871) 762 376 184
INMARSAT exchange: 00 (871) 762 376 185
INMARSAT (fax) 00 (871) 762 376 186
INMARSAT (data) 00 (871) 762 376 187

Special Features

Laboratories - FULLY AIR conditioned.

Approx 40 SQM with benches UPS Supplies
1 x deck workshop for client use
Data Transfer - via Mini M
Telephone access to Satellite link via internal multi-extensions exchange.

Handling Facilities

1 x Atlas HIAB marinised crane amidships + 1 x 10M hydraulic boom crane (4 Ton).
50 tons SWL hydraulic "A" frame (also available with Submersible docking station and integral winches).
1 x Double drum 42 Tons direct pull tow winch. Capable of 2000M 44mm wire.
2 x 2 x 15 Ton tigger winches
4 Point mooring system
Aft position ship controls on bridge positioned with good view over stern with full thruster and main engine controls.
1 x HIAB positioned on stern roller, under "A" frame for positioning over-side equipment
22" Gate valve through hull & overside mount.

Navigational Outfit

1 x Sperry survey standard Giro (Step)+ Sperry Autopilot & heading for ARPA output
Furuno FR1505 & Furuno 2110 with ARPA
Colour Echounders x 2,
2 x Furuno GPS Navigator & DGPS, Forward ranging sonar for shallow operations.
Furuno Weatherfax
Transas worldwide folio charting system & ECDIS computer with DGPS tracking and data output for route surveys.

External Communications

Full GMDSS to A2
2 x Sailor VHF,
1 x Husun VHF
3 x handheld VHF's for deck operations
1 x Furuno 1550 MF/HF Transceiver with DSC
Immarsat "M" with internal exchange
GSM Mobile & GSM FAX system
Internal comms throughout + CCTV to aft deck areas.
Dedicated Email PC via Sat Comms for world-wide access.

Survey equipment available to rent:

Coring & CPT equipment
Multi beam sounding systems
Sub bottom profiling
ROV inspections
Magnetometers
Post processing equipment & software