



M V B R E M E N (ex Mintrop) general purpose survey ship for charter



Deep Seismic, Geophysics & Geotechnics, Multi role & ROVs

Now available for fully managed charter from Atlantic Marine as a general purpose survey vessel. Also ideal DP1 or 2 (optional) due to comprehensive power plant already fitted. The ship would be also highly suitable for deep ocean multibeam, AUV or ROV support and other survey support operations.

The BREMEN (ex Mintrop) was previously in use as a Seismic vessel (a Flag ship of the Geco fleet with the enviable reputation of one of the most profitable in the fleet). She is a very safe, stable, ocean going platform with heli-pad (upto super puma size). The 1000 tons of fuel and vast water making capacity means the ship can stay at sea for many months to increase productivity. The vast Lab areas and spacious interior means that this vessel is set to become one of the leading deep ocean survey vessels available in the market today.

The huge aft deck area (in excess of 400Msq) is fully covered and would suit a multitude of applications. There is access with loading via the stern or through deck hatches capable of loading ISO standard containers. We would also provide access via the side of the ship if required. There are also a number of winches including streamer and umbilical type reels.

Overall the vessel is in exceptional condition having been a fleet "flag ship" for many years. IACS + SOLAS class certification is in place with Germanischer Lloyd for world wide trade 100A5. Many cabins on board are "single" berth with space for up to 45 to 65 persons.

Atlantic Marine UK (ship management co) is now an ISO 9001 accredited company with QA system in place which are scheduled for ISM acceptance within 2002. The company now operates four vessels on a worldwide basis (including the US Gulf, North Sea and West Africa) and is based on the South Coast, UK - crewing supplied by a renowned international manning agency.

For more information contact:
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Principal Features

Ships Name	Bremen
Call Sign	J8B2309
Official No.	8781
Flag State & Port of Registry	St Vincent & Grenadines, Kingstown
Date of Build	1972
Hull No. and Type of Vessel	483/Seismic/Survey & Research Ship
Class ID No.	GL Reg No. 006614
Class Hull.	100 A5
Class Machinery	+ MC AUT
5 yr Class	May 2001
Class Renewal	May 2006
IMO No.	7217999
GRT	4112
GRT National & International	4112
NRT National & International	1233
Lightship Displacement	3626.7
Dead Weight	1224.4
GRT Suez Canal	4580.64
NRT Suez Canal	3474.01
GRT Panama Canal	4665.33
NRT Panama Canal	3329.88
LOA	92m
Length	BP84.91m
Breadth (moulded)	15m
Breadth (extreme)	19m
Depth (moulded)	9.55m
Draft (max)	7.40m
Draft (mean)	6.80m
Air Draft	34m

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Capacities and Endurances

Bollard Pull, 30 t, Fresh Water
59.10 t (tk 4S: 29.8t/tk 4P: 29.3t)
Fresh Water Maker Production, 20 t per day
Potable Water System
2 x Evaporator (cooling water)
Fuel Capacity, all tanks topped, 1000 m3
Fuel, Useful for 100% consumption
712 m3 (tk 1+6C+11C=278 m3 stability)
Fuel Type, Marine Gasoil, Lub Oil, Engine Oil
22 m3, Ballast, Sea Water
165 m3 (fixed fresh water tank 3 stb/port)
Speed, Transit, Max in calm sea, 14 knots
Speed, Transit Economy, Ditto, 12.5 knots
Consumption of Fuel, full speed, 14 m3
Consumption of Fuel, economy speed, 11.5 m3
Operational Endurance, 44 days trans speed/54 days econ trans speed
Consumption of Fuel in Port, 2 m3

Machinery Equipment

Main Engine

2xMaK 6M551 AK, 2400 HP/1765 kW each,
Rebuilt by manufacturers 1995

Main Propulsion

4 bladed C.P. / Ni Al Br. (new 1995)

Generators/Alternators

1xAEG Type: DKL 562/08, 680 kVA
2xAvK Type: DKDN 80/350-4TS, 290 kVA
2xAEG Type: DKL 504/04 1000 kVA (shaft gen)

Aux Engines 1xMaK 6M281 AK, 6cyl. 588 kW

Electrical Power 380v, 50Hz

Emergency & Harbour Gen Engine

Deutz KHD BF6L513RC3

Emergency & Harbour Generator

AvK Type: DKBN 49/200-4TS, 123kVA

Bow Thruster

Ulstein Type: 150 TV-A, 680 HP/500 kW

Fresh Water Generator (FWG)

2xKrupp Masch.fabr. SEVA 8012, 2 x 10m3

Boiler, Exhaust Gas & Oil Fired

Thyssen Henschel Type: HK1800

Steering Gear Brussels HMSE 185 RM

Incinerator, Sludge and Waste Oil

Atlas ASWI 402A

Bilge/Oily Water Separator

RWO Type: SKIT SC 2.5

Oily Water/Sludge Holding Tanks 4.2 m3

Hull Outfitting

Anchor 3 x Patentanker Type: SPEK,
1980/1990kg + spare 2100kg anchor

Windlass Waco Kompakt

Capstans

2 x Herman Surken 5/3892/Verholspill HVAS

Deck Crane STB Forward

1 x HMC 299K; S.W.L. 1.4t

Single Berth Cabins 32

Double Berth Cabins 7

Helicopter Deck, CAA & NMD approved

18.95m x 8.6t (Bell 214/Super Puma)

Fixed Ballast

280 t Mussels in tk.3 S/P; 63.7t Barite in FPT;Tk. 2
S/P 29.977t; Tk. 6S/P 12.488+46.830=59.318t

Survey winches

4 x Streamer winches 15T - 6000Mx74mm
2 x Streamer winches 8T - 3000Mx74mm

Internal

No. of Berths 45 in total (14 for crew)
can be increased to 65

1 gymnasium and recreation room

No. of en-suite client cabins 4

No. of cabins in total 37

Max capacity (with extension) 65

Mess 1 x mess area seats 35

Recreation 2 x TV Lounges with VCRs/TVs etc
Gymnasium fitted

Laboratory 3 x Lab spaces - 180 m2

Hanger ROV Hanger/store 80 m2

Hold Hold to contain 1 x 20ft container internally

Additional Holds 3 further hold areas with
external access

Bridge Navigation Equipment

Radar No. 1 Atlas 9600 Arpa Nav., S-Band (10cm)

Radar No. 2 Atlas 9600 Arpa Nav., X-Band (3cm)

Electronic chart & tracking

Transas ECDIS (World charts folio)

Gyro Compass Anschutz Standard IV

Auto Pilot Robertson AP9 MK 11

DGPS Receiver Furuno GP80 DGPS

GPS Receiver Trimble Nav Trac XL
plus Furuno DEPS, GP80

Speed Log JRC JLN-203 Doppler Log

Echo Sounder Elac LAZ 72

Weather Facsimile Furuno DFAX Model Fax 208A

Communication Equipment (compliant with GMDSS Requirements)

Radio Station Licence No. Class/Category

21510-D; 3a CP H8 A1, A2, A3

Skantii Inmarsat Type B, Skantii "B" with High speed
data, Satellite telephone, Iridium handset,
Transeiver, Main MF Skantii TRP 8251 D

Transeiver, VHF 3xSailor RT2048/1xSailor RT2047

DSC Controller MF/VHF, 1xSkantii DSC 9000,

2xSailor DSC RM2042, Emergency Radio Beacon

(EPIRB), Jotron TRON-30S, 406 MHz

Radar Transponder, 2xTron SART Jotron 9 GHz

Navtex Receiver, Skantii Navtex 2

Inmarsat Type C, 2xThrane&Thrane TT3020B

Inmarsat Telex No. Tlx Inm.C 435230210/20

Telefax Machine, Lanier 4200 Fax/Ricoh Fax 1700L

Radio, Portable VHF, 3xGMDSS Sailor SP3110

UPS to all GMDSS Radio's, Merlin Gerin EPS 2000

Safety Equipment

Lifeboat Type and No. of Boats

1xHatecke, B.no.4205, capacity:45 persons

Engine, Lifeboat

Bukh DV24 HP RME/1990, ser.no: 14748

Liferafts 1 x 25 pers. / 3 x 20 pers.

Lifejacket 45

Survival Suits 45

F.R.C. 1 x 6.5M FRC with inboard diesel & jet drive

Eng. Room & For'd Machinery Room

Halon 1301

Galley, Incinerator Room Halon 1301

Emergency Generator Room Halon 1301

Steering Gear Room Halon 1301

Tape Store, Instrument Room Halon 1301

Cable Store AFFF 6% Uniral

Chemical Store/Paint Store Sprinkler (Sea Water)

Helicopter Deck AFFF (Monitor)

Main Foam Pump, AFFF Foam Mixture

AFFF 6% Uniral

Main Fire Pump

2xVW 37 11 S H.Behrens, 100 m3/h at 6 bar

Emergency Fire Pump (steering gear room)

1 x Vest Jet Pump Type: 315, 33 m3/h at 6 bar

Fire Detection Monitoring System

Siemens SRS 20M