8,600 cbm - Ethylene Carrier
MT „GASCHEM BALTIC“

Ship Basic Information

Builders
Severnav SA, Turnu Severin, Romania

Type
Ethylene / LPG / VCM / Ammonia - Carrier

Flag
Liberia

Port of registry
Monrovia

Classification
GL + 100 A5 E1 with freeboard 3.315m Coll-1 / ERS / NLS / T5D21 /
Liquefied Gas Tanker Type - 2G + MC E1 AUT INERT

Vessel Specific Information

IMO No.
9269269

Delivery
Feb 2004

Dimension and Main Data

Length o. a.
129.00 m

Length b.p.
122.00 m

Breadth max.
17.80 m

Depth
11.90 m

Deadweight max.
abt. 9,344 mt

Distance keel - top antenna
38.00 m

Distance keel - antenna folded backw.
N/A

Mean draft in sea water on sfb
8.60 m

Speed loaded with ethylene (max. bft 2)
16.5 kn

ST LAWRENCE
NO

BOWTHRUSTER
YES

GT
7,208

NT
2,204

Crew Complement
20

Tank Capacity

IFO 380
abt. 600 cbm (98%)

MGO
abt. 156 cbm (98%)

Freshwater
abt. 217.0 cbm

Waterballast
abt. 1,749.8 cbm

Cargo Capacity

Tank
Volume 100%
Volume 98%

1
abt. 2,379 cbm
abt. 2,331 cbm

2
abt. 3,023 cbm
abt. 2,963 cbm

3
abt. 3,020 cbm
abt. 2,960 cbm

Decktank
abt. 99 cbm
abt. 97 cbm

Total
abt. 8,521 cbm
abt. 8,351 cbm
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### Products

- Ammonia, Anhydrous
- Butadiene
- I-Butane (Acetaldehyde)
- N-Butane
- Butene (Butylene)
- Diethylether
- Dimethylamine
- Ethylchloride
- Ethane
- Ethene (Ethylene)
- Ethene oxide / Propene Oxide mixtures
- Ethene Oxide (max. 30% by weight Ethene Oxide)
- Isoprene (Monomer)
- Isopropylamine
- Methylchloride
- Monoethylamine
- Propane
- Commercial Propane (Propane/Ethane mix.)
- Propane/Butane mixtures
- Propene (Propylene)
- Propene Oxide (P.O.)
- Vinylchloride Monomer (VCM)
- Vinyl Ethyl Ether

### Cargo Tanks Characteristics

- Number of Tanks: 3
- Tank 1 Type: Bilobe - independent Type C
- Tank 2 Type: Bilobe - independent Type C
- Tank 3 Type: Bilobe - independent Type C
- Construction Material: 12 Ni 19 (= 5% Ni - steel)
- Max. Tank Pressure: IMO 4,50 bar (g) / USCG 3,20 bar (g)
- Vacuum: 0.7bar (A)
- Min. design temperature: -104°C
- Max. Product Density: 972 kg / cbm
- Decktank: 1

### Cargo Pumps

- Pumps:
  - Deepwell: 6
  - Booster: 1
- Make:
  - Svanehoj
  - Svanehoj
- Max. density kg/dm3:
  - 0.972
  - 0.972
- Capac. cbm/h nominal:
  - 170
  - 300
- Total head (bar):
  - 120 mlc
  - 120 mlc

### Cargo Compressor

- Cargo:
  - R404A
  - 2
- Maker:
  - Sulzer
  - Mycom
- Type:
  - 2 K 140 - 2A
  - F2520-SSC-MBL

### Hose Handling Gears

- Number of Cranes: 1
- Maker: Global Davit
- Capacity: 2,300 kg
- Outreach: 3 m
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**Machinery**
- **Main engine**
  - Type: MAN 8S 35 MC
  - Power: 5920 kW

- **Auxiliary engine**
  - Number: 3
  - Type: Caterpillar 3508 B-DITA-SCAC
  - Power: 760 kW
  - Bowthruster: Jastram BU 60F / 450 kW

**Fuel consumption per day at normal service speed at Ethylene-Draft (Bft 4)**
- Ship at sea: about 24 mt HFO
- In port, loading ethylene with cooling down: about 9.0 mt MGO
- In port loading LPG at atm. pressure: about 4.0 mt MGO
- Boiler in port: about 1.0 mt Gasoil
- Boiler at sea: Heating by means of exhaust gas

**Navigation and communication equipment**
- Radar
- Autopilot
- Echosounder, Echograph
- VHF
- Navtex
- Z182 Receiver
- MF/HF Radio Transmitter
- INMARSAT C
- SAT C Printer
- EPIRB
- ECDIS
- SSAS
- Gyro compass
- Doppler Speedlog
- GPS
- DSC Controller
- Weather Fax
- (GMDSS) Walkie Talkies
- MF/HF DSC Controller
- Message Processor
- INMARSAT
- Radar Transponder
- AIS
- Voyage Data Recorder

Further information and Form „C“ Gas upon request.
All details to be considered as about, given in good faith but without any guarantee.