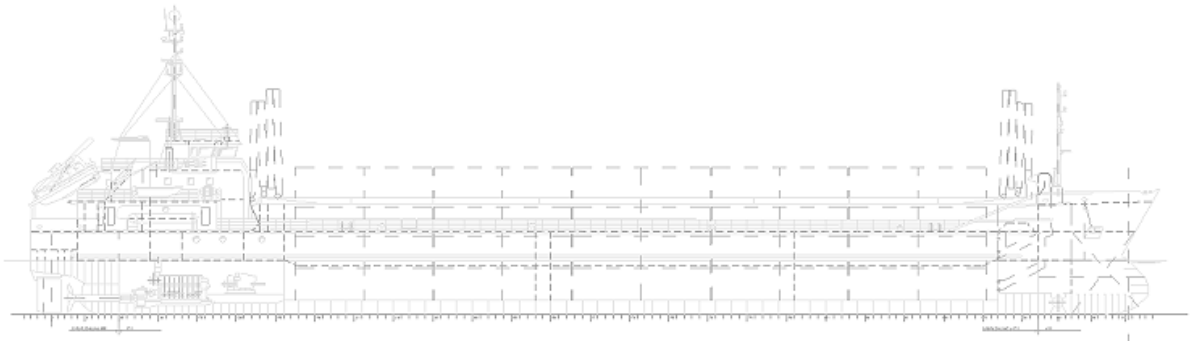




Container Vessel "Don"



Motorship

builder: **Schiffswerft und Maschinenfabrik Cassens GmbH**
Emden, FRG

for: **Volgo Don Shipping Company**
Rostov on Don, Russia

Type: General Cargo / Container Vessel

Classification: Register of Shipping, Russia
KM * L4 I A1

"Strengthened for grip load", "Grain fitted",

"Fitted for carriage of containers",

"Fitted for dangerous goods acc. to IMO Reg.54.2/II-2"

Service Area: Intercoastal trade

Principal Dimensions:

Length over all	:	100,70 m
Length acc. to SURCAP	:	99,95 m
Length between perpendiculars	:	96,00 m
Breadth moulded	:	16,00 m
Height to main deck	:	7,40 m
Moulded summer freeboard draft	:	4,75 m
Air draft above draft 3,75 m	:	13,00 m
Gross tonnage (London)	:	3850
Net tonnage (London)	:	1470
Service speed	:	11,5 kn
Number of crew	:	12

Hold capacities:

Deadweight at summer freeboard in seawater	:	4400 tdw
Deadweight at 3,75 m draft in freshwater	:	2850 tdw
1 Box shaped hold		



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Hold capacity grain / bales	:	7009 m ³ / 247 500 cbf
Containers in hold	:	150 TEU up to 20 t each
Containers on deck	:	50 TEU up to 20 t each
Containers total	:	200 TEU up to 20 t each
Type of hatch covers	:	Crocodile Mulifold

Tank capacities:

Fuel oil	:	230 m ³
Freshwater	:	45 m ³
Lubricating oil	:	12 m ³
Ballastwater	:	2330 m ³

Propulsion plant:

1 MaK Diesel 8 M 332 C, 1600 kW at 900 rpm
Elastic Vulcan coupling
Reintjes reduction gear, WAF 1941, 900 / 228 rpm
Stüwe shaft coupling
Water lubricated stern tube
Fixed pitch propeller, 4 blades, 2,50 m diam.

Auxiliary engines:

2 Caterpillar diesel 3406 DI-T, 218 kW with generator 200 kVA
1 Caterpillar emerg./harbour diesel 3304 DI-T, 95 kW, gen. 103 kVA
2 Start air compressors, each 21 m³/h - 30 bar
2 Air receivers 125 liters - 30 bar
1 MDO separator, Alfa Laval MMPX SGP - 11/50
1 CJC lub. oil filter
1 Bilge water decoiler, 0,5 m³/h - 10 ppm
1 Biological sewage treatment plant
2 Ballast pumps each 160 m³/h - 4,5 bar
2 Fire pumps each 85 m³/h - 5 bar
2 Box coolers make NRF
1 FW hydrofor equipment 300 ltr., 2 m³/h - 4 bar
1 SW hydrofor equipment 300 ltr., 2 m³/h - 4 bar
1 Water heating system for engine and sanitary rooms
1 Air conditioning system for accomodation
CO₂ fire extinguishing system for engine room and hold
2 Engine room ventilators
2 Cargo hold ventilators

Nautical equipment:

1 wireless station Furuno FS 500
2 VHF sea systems Sailor RT 2048
1 VHF Rhine system sailor RT 2047
1 Sea radar Furuno FR 2010
1 River radar Furuno FR 2001
1 Echosounder Furuno FE 606 N



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- 1 Satellite navigator Furuno GP 500
- 1 Gyro compass Anschütz "Standard 14"
- 1 Gyro compass Anschütz Nautopilot D
- 1 Manet compass Cassens & Plath Reflecta III
- 1 Rate of turn indicator
- 1 Radio goniometer Plath Angulus GPE 277.3
- 1 Watch receiver Furuno
- 3 handheld VHF telefones Hagenuk
- 2 Radar transponder Hagenuk SF 4251
- 1 Satellite EPIRB model 948
- 1 Navtex Furuno NX 500
- 1 Speed log Furuno DS 70
- 1 Satellite telex station "Inmarsat C" Hagenuk TT-3000 C
- 1 Radio telex system Hagenuk FFS 1005 (Maritex)

Deck equipment:

- 1 Combined anchor / mooring winch
- 2 Bow anchors, each 1305 kg
- 1 Electro-hydraulic steering gear
- 1 Combined stern anchor / warping capstan
- 1 Stern anchor

Electrical equipment:

Main and emergency power supply 380 V - 50 Hz
Light circuit and smaller consumers 220 V - 50 Hz
Control circuits 24 V - DC

Signal equipment:

- 1 Zöllner Makrofon M 125/160 b ZVEEH
- 1 Zöllner automatic signal device
- 1 Bell
- 1 Automatic Rhine signal device
- 1 Rhine blue table system

Special equipment:

- 1 Bow thruster Jastram BU 40, 180 kW
- 1 Flap rudder
- 2 Steel grain bulkheads
- Foldable signal-, fore- and radar masts
- Forced driven cargo hold ventilation, 5-fold air change
- 1 MOB boat with davit
- 2 Life rafts for 15 persons each
- 1 Freefall lifeboat for 15 persons with davit