



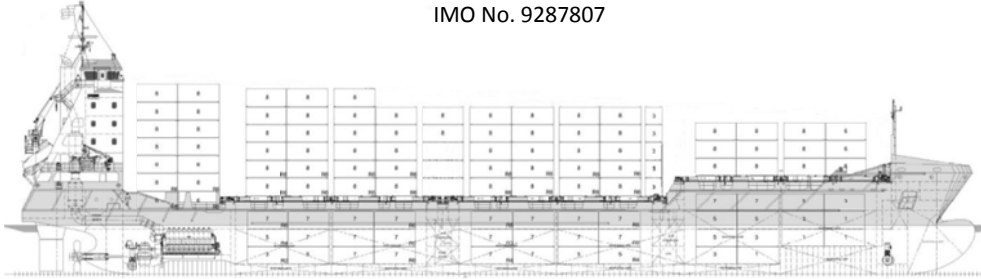
## MV "Vohburg"

Gearless cellular container vessel

Class: GL +100 A5 E3 "Containership" IW NAV-O SOLAS-II-2, Reg. 19 + MC E3 AUT

Built 2005 at Damen Shipyard (No.845)

IMO No. 9287807



### Main Dimensions

Length over all	140,56 m
Length between perpendiculars	130,68 m
Breath moulded	21,80 m
Depth to main deck	9,50 m
Scantling draft	7,33 m
Deadweight	9.322 t
Gross Tonnage	7.852
Net Tonnage	3.363
(according to Class Certificate)	

### Main Engine

Caterpillar MaK 9M43 (4 stroke), 8.400 kW at 500 rpm

### Auxiliaries

2 Scania DI-16 44M, 469 kW at 1.800 rpm  
 1 Shaft Generator 1.600 kW  
 1 Emergency Diesel, 110 kW

### Speed

range about 16kn to 18,5kn

### Tank Capacity

HFO 941 m<sup>3</sup>, MDO 105 m<sup>3</sup>, Ballast 4597 m<sup>3</sup> (all about)

### Communication

Inmarsat Standard C – Telex, Data  
 Inmarsat Fleet 77 - Phone, Fax, Data  
 Iridium Open Port – Phone, Data  
 GMDSS fitted

### Nautical Aids

Magnetic compass, Gyro, HCS, GPS, RDX, RDS, ARPA, ECDIS, AIS,  
 VDR, LOG, ES, STGTEL, DSL, LRIT, BNWAS  
 (according to Class Certificate)

### Other outfit

Bowthruster Wärtsilä 700 kW electrically driven,  
 Sternthruster Wärtsilä 500 kW electrically driven,  
 2 combined windlass / self-tensioning mooring winches  
 2 self-tensioning mooring winches  
 1 pitch propeller  
 Highest Ice Class E3

### Container intake

Subject to vessel's stability / trim / permissible weight		
Deck	606 units 20'	or 264 unit's 40' + 78 units 20'
Holds	206 units 20'	or 97 unit's 40' + 12 units 20'
Total	812 units 20'	or 361 unit's 40' + 90 units 20'

### Stability

Homogenously loaded with containers of 14 t each with center of gravity at 45% of container height / IMO stability criteria  
 515 TEU

### Container fittings

The vessel is designed to accommodate containers of following dimensions:  
 20' / 40' as indicated above  
 30' total 511 units (135 holds + 376 deck)with  
 Cell guides removed  
 45' total 329 units (97 holds + 232 deck)  
 48' total 40 units on deck only  
 49' total 40 units on deck only

All restraint devices and necessary loose securing / lashing material for stowage of 20' containers are on board.

On deck vessel is equipped with fixed restraint devices and necessary loose securing / lashing material for a full load up to and including 6<sup>th</sup> tier.

45' and 48' containers can be carried on deck hatch covers No. 2, No. 3, No. 6 and No. 7 from 2nd tier except side-end container loaded from third tier. 48' containers should be carried on every other bay. Stowage 142 unit's 45' + 230 unit's 40' + 74 unit's 20'

### Permissible Stack weights

Hold 1 Tank Top	110 t/135t/120t/125t	per 20'/30'/40'/45' stack
Hold 2/3 Tank Top	80 t/100t/105t/105t	per 20'/30'/40'/45' stack
Hatch Cover	60 t / 70t/ 90t/ 95t	per 20'/30'/40'/45' stack
On Moin Deck	90t/100t/ 90t/ 95t	per 20'/30'/40'/45' stack

Distribution of containers weights within a single 20'/30'/40'/45' stack to comply with the Cargo Securing Manual approved by Class Society.

### Hatches

3 hatches / 3 holds covered by hydraulic foldable steel hatch-covers

### Reefersockets

120 reefer sockets on deck  
 60 reefer sockets in holds  
 450 V, 32A, 60 Hz, 3 phases

All figures above are approximate and believed to be correct, but not guaranteed. For more detailed technical information see capacity plan and specific T/C description which are available on request.