

## MV VINNI

Flag: Norway  
 Port of Registry: Oslo  
 IMO no.: 9070931  
 Classification Society: Lloyd's Register  
 MMSI no.: 259880000  
 Call signal: LAHH7



### MAIN DESCRIPTION

Ship type: RORO / Vehicle Carrier  
 Shipyard Built: Baltiyski Zavod, St. Petersburg, Russia  
 Date keel laid: 31.08.1990  
 Ship delivered: 10.08.1994

Ship Owner: Eidsiva 2 RORO KS  
 Technical Manager: Bergshav Management AS  
 P&I Club: North of England

L.O.A. 169,40 m Max. Height (keel to mast top): 46,00 m  
 L.B.P. 151,60 m Moulded breadth: 23,80 m  
 Moulded depth: 16,90 m

### MEASUREMENT

	<b>Draft</b>	<b>Freeboard</b>	<b>DWT</b>	<b>TPC</b>
LT. ship:	5.733	4.132		27.73
Tropical:	8.973	0.892	9924.64	33.69
Summer:	8.79	1.075	9310	33.48
Winter:	8.607	1.258	8699.44	33.25
FWA:	176 mm	Summer Displacement	23 000.80 MT	

	<b>GRT</b>	<b>NRT</b>	<b>Canal ID no.</b>
Int'l:	23 409,-	7 664,-	
Suez:	25 745,63	20 804,43	19564
Panama:		21 374,-	357103

Ballast Capacity: 1 932,56 m<sup>3</sup>  
 Bunker Capacity: HFO: 1 462,90 m<sup>3</sup> DO: 251,1 m<sup>3</sup>  
 Fresh Water Capacity: FW: 174,3 m<sup>3</sup> Boiler feed: 48,2 m<sup>3</sup>

### MACHINERY

Propeller: 2 Nos. Stainless Steel 4-Bladed Controllable Pitch Propeller  
 Turning inside; Diam. = 4.0 m; Propeller Immersion Draft = 4.40 m

Main Engine: 2 Sets B&W Reversible Compression Ignition Engine  
 Type: 6L42 MC; Each 6600 BHP (4800kw) at 159 RPM

Bow Thruster: 1 No. 680HP (500kw) Electric Motor driven

Anchor: 2 Bower anchors; Wt: 7.0 Tons

Chain: Stud Link: Diam. 73mm, each 300m (12 shackles of 25m)

# Bergshav Management AS

## CARGO CAPACITIES

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Car Elevator: Between UPPER & MAIN Deck - Chain Operated by Hydraulic Jacks  
Length: 18.9 m; Width : 6.8 m; L/Density: 2.5 t/m<sup>2</sup>; Cargo Capacity:70T

Stern ramp: Length: 34 m; Width: 7.5 m; Capacity: 120 MT; Max load to one axle of cargo unit -600kn; Distance from keel to stern ramps hinge point – 10.0m; Working ranges of height of berth – 3.5m below the ramp’s hinge point & 1.2m above the ramp’s hinge point; Max angle between the traffic part of the ramp & horizon 7 deg (up), 8 deg (down); Max angle between sections – 10 deg; Max working conditions – 5 deg list, 2 deg trim; Time for lowering ramp – about 25 mts.

Store/provision Cranes (aft): 2 Nos. - SWL 3.2 MT (Each)

Containers (TEU):MAIN deck: 274 (2 Tiers)  
TWEEN deck: 56 (2 Tiers)  
HOLD: 59  
Total TEU Capacity: 389

Reefer Containers: 380 V & / or 220 V AC, 50 Hz, 50A

Power: Socket points: Weather deck(No.4): 15 nos. / Main deck(No.3): 15 nos.

Lane metres: About 4350m all decks.

	<b>Deck area</b>	<b>L. Density-aft/fore</b>	<b>Cars(Standard RT 43)</b>	<b>Clear Ht.</b>
No. 8 Garage Dk(car)	856.8 m <sup>2</sup>	0.20/0.20 t/m <sup>2</sup>	92	1.70m
No. 7 Garage Dk(car)	1618.4 m <sup>2</sup>	0.20/0.20 t/m <sup>2</sup>	179	1.70m
No. 6 Garage Dk(car)	2259.6 m <sup>2</sup>	0.25/0.25 t/m <sup>2</sup>	248	2.20m
No. 5 Garage Dk(car)	1859.6 m <sup>2</sup>	0.25/0.25 t/m <sup>2</sup>	205	2.20m
No. 4 Upper Dk.(car)	1859.6 m <sup>2</sup>	2,5/2,5 t/ m <sup>2</sup>	203	2.20m
No. 3 Main Deck	2 616 m <sup>2</sup>	4,6/2,5 t/ m <sup>2</sup>	289	5.65m/1.8m if hoistable car decks Lowered.
Hoistable Upper Car deck(3B)	2 357.6 m <sup>2</sup>	0,2/0,2 t/ m <sup>2</sup>	248	1.7m fwd/2.1m aft
Hoistable Lower Car deck(3A)	1 822.6 m <sup>2</sup>	0,2/0,2 t/ m <sup>2</sup>	192	2.2m fwd/1.8m aft
No.2 Tween deck	1 369 m <sup>2</sup>	2,1/2,1 t/ m <sup>2</sup>	163	3.60m
No.1 Lower Hold	1 298 m <sup>2</sup>	2,1/2,1 t/ m <sup>2</sup>	156	3.40m

**Total cars:**

**1975**

**Total Area: 17 917 m<sup>2</sup> (with lowered car decks), 13736.8 m<sup>2</sup> (w/o Lowered car decks)**