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m/s Öresund

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Page: 3

To: Dan Link Info

Att: Mickael Jensen

Text:

Här kommer några uppgifter om vårt fartyg. Hoppas det är tillfyller.

Med vänlig hälsning

Befälhavare
F Becherer

M/S ÖRESUND

VESSEL SPECIFICATION

Name: **M/S ÖRESUND** Builder: Moss Fredrikstad, Norge
Flag: Sweden No: 204 Year: 1986
Callsign: SLQE Type: Car and Trainferry
Speed: 18,5 Knots Passengers: 0 Crew: 15
Lanemeter LKW: 569 m Lanemeter Train: 900 m
Loadmeter LKW: 450 m Loadmeter Train: 805 m
Max Load: 800 t (A.Heel.max 600 t) Max Load: 4800 t
Passenger Cabins: 0 pcs Max persons onboard: 40 pcs
Total train/vehicle load max 4850 t, and a total anti.heeling-tanks load of max. boot.

CLASS: NV + 1.A.1. R15 Car and Trainferry-B. E0. Ice 1B

Reg. not: dk(+), pwdk, 7wtb (norm 9)
VERITAS ID Number: 14705

DIMENSIONS

Length over all:	185,99	Gross:	16.925
Length betw PP:	178,13	Gross M/47:	8.147,74
Breadth moulded:	23,10	Net:	5.825
Breadth extrem: (empty)	24,20/30,00	Displacement:	8.800
Depth to Train Deck:	8,10	Deadweight:	6.300 ca.
Depth to Vehicle Deck:	14,00	Equivalent rules.	
Draught:	5,67		

MACHINERY

Main Engines:	Auxiliary Engines:
4 x MAN B+W 6L 40/45 each 3.300 KW	2 x VÄRTSILÄ 6R 32BC 2045 KW
Propellers:	Generators:
2 x LIAAEN Ni-Al-Bronze EF 115/315	2 x NEBB WAB 800 F8W 2430 kVA
Hi Scew Dia 4100 mm	380 V 50 Hz
	Shaft Alternaters:
	2 x NEBB WAB 630 F4W 2820 kVA
	380 V 50 Hz

Bow Thruster:

Forw: 1. 1 x LIAAEN TT 83/56-220. Dia. 2150 mm 1100 KW 16,5 Ton
2. 1 x LIAAEN TT 92/68-255. Dia. 2450 mm 1100 KW 18,0 Ton

Stern: 3. 1 x LIAAEN TT 60/47-170. Dia. 1660 mm 736 KW 10,9 Ton

FUEL CONSUMTION PER 24 HOURS:

Auxiliary and heating 5 tonnes HFO IF 220
Main Engine at 18,5 kn 22 tonnes HFO IF 220

BUNKER CAPACITY:

HFO 560 tonnes
MDO 196 tonnes
FW 110 tonnes
BW 3040 tonnes
Anti Heel 933 tonnes FW

PUMPS:

Ballast Trim 1800 m/h
Ballast 325 m/h

12/92/CB

LOADING STANDARD

Train Deck

Distributed load: 2,5 t/m. Max total load is 4800 t.

All 5 rail tracks may be loaded with railway wagons with max 2 x 25,5 t axle load in way of bogie, having 1,5 m axle spacing, or max 8 t/m railway track.
Track gauge 1.435 mm.

Special specification

One arbitrary track may be loaded with 1 locomotive with 7 x 25 t axle load, having 1,5 axle spacing.

The track in centre line of ship (No 3) may be loaded with 1 railway unit (special suited for heavy loads), having 2 groups of axles. Each group contains 16 axles with max 22,5 t axle load, and 1,5 m axle spacing. Minimum distance between the two groups of axles is 10 m.

Distributed load vehicles with pneumatic tyres:

Trailers with max 15 t axle load in way of single axle and 3 x 11 t in way of bogie, having 1,2 m axle spacing.

Trailer supports for max 20 t.

20 t Containertruck with max 51 t axle load in harbour condition.
Consistent footprint see dwg. 404-200-402.

Vehicle Deck

Distributed load: 1,75 t/m. Max total load 800 t, and a total anti-heeling tanks load of max 600 t.

Wheel loads:

Vehicles with pneumatic tires:

Trailers with max 15 t axle load in way of single axle and 3 x 11 t in way of bogie, having 1,2 m axle spacing.

Trailer supports for max 20 t.

20 t Containertruck with max 51 t axle load, in harbour condition.
Consistent footprint see dwg. 404-200-402.

GENERAL FOR TRAIN DECK AND VEHICLE DECK

Total train/vehicle load max 4850 t, and a total anti-heeling tanks load of max boot.