



**General Information**

Owners	Schiffahrtsgesellschaft "Eider" mbH & Co. KG
Year Built	June 2003
Shipyard	Samsung Heavy Industries Co. Ltd., Korea
Flag	Liberia
Class/Notation	American Bureau of Shipping + A1 Oil Carrier + AMS + ACCU, SH, SHCM, RES, VEC,
Vessel Type	Oil Tanker (double hull)
IMO/LR No.	9233741
Call Sign	A8VX7
Official No.	92053
Telephone	VSat: +47 23674690 FBB: +870 773165863
Fax	FBB: +870 783161954
E-mail	master.nell(at)ernstjacob.de

**Dimensions**

Summer	159.999 mt
Deadweight	
Light Ship Weight	23.010,9 mt
Length o.a.	274,20 m
Length b.p.	264.0 m
Breadth moulded	48 m
Depth moulded	23,20
TPC	118,9 t
Tonnage	51.556 NT / 81.236 GT

**Propulsion and Aux Machines**

Main Engine	MAN B&W 6S 70MC, 16.860 kW / 91 rpm 48-57 critical rpm (barred range)
Propeller	Fixed pitch Ni-Al-Br 4 Blades Keyless
Aux Engine	3 x Yanmar Diesel Engines 6N21 AL-EV, 970 kW, 900 rpm
Boilers	2 x Oil-fired Auxiliary Boiler Aalborg –Mission™ OL Saturated 35 Ton/h x 16bar 1 x Exhaust gas economizer Kang Rim - EMDD 16A2AB

**Capacity of Bunkers / Fresh Water**

Bunker Capacity	Fuel Oil: 2,532.3 m <sup>3</sup>
98 %	Diesel: 2,098.9 m <sup>3</sup>
Fresh water Capacity	493,8 m <sup>3</sup>
100 %	

**Cargo and Ballast System**

No. of Cargo Tank	12
Slop Tanks	2
Coating	Partly coated
Slop Tanks	Fully coated
No. of segregations	3 with double valves
Total cubic capacity at 98% (excl. Slops)	167.231.6 m <sup>3</sup>
Slop Tanks Capacity	4.729.6 m <sup>3</sup>
No. of Cargo Pumps	3 x 3.800 m <sup>3</sup> /h at 135 m head
Type of Cargo Pumps	SHINKO KV 450 - 4 Centrifugal pump SHINKO RX2 steam turbine driven
Discharge Capacity	11.400 m <sup>3</sup> /h
Vessel equipped with	IGS / SBT / COW
No. Of SBTs	14
Capacity of SBT	54.604,2 m <sup>3</sup> at 100 %
Ballast Pumps	two, by 2000 m <sup>3</sup> /hr each
Type of Ballast Pumps	SHINKOCV 400-2 Centrifugal pump SHINKO RX0 steam turbine driven
Cargo Hoses Cranes	2 x 15 tons SWL / Ele. Hydraulic
Cargo Manifolds	3 x 16" each side
Cargo Heating	York Coils - 65° C

**Mooring Arrangement**

<i>Mooring Winches</i>	
Forecastle	3 hydraulic winch double drum split type
Main deck forward	1 hydraulic winch double drum split type
Main deck aft	1 hydraulic winch double drum split type
Poop deck	3 hydraulic winch double drum split type
<i>Mooring Wires</i>	
Forecastle	6
Main deck forward	2
Main deck aft	2
Poop deck	6
<i>Mooring ropes</i>	
Forecastle	4
Poop deck	3 + 1 new

*SPM Arrangements*

Tongue type chain stopper – SWL 200 T, Chain Dia 76 mm

*Emergency Towing Arrangement*

Forward	KETA-40F Tongue Stopper & chafing Chain
Aft	KETA-40A DR-80 Towing wire