

Rpt. 1.
WRECK
SECTION

"SIREFJELL" STEEL STEAMER or MOTORSHIP.

WRECK
SECTION
22 JUN 1936
Received at London Office

State if Report has been sent on the Freeboard of the Vessel *Yes*

State if Report is sent on the Machinery of the Vessel *Yes*

Date of completion of report *19th June 1936*

Port of *Göteborg*

No. *10.765*

Survey held at *Göteborg*

Date First Survey *18th Sept 1935*

Last Survey *4th June*

1936

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Single Screw Motor Ship KOLLGRIM. Machinery aft.*

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full scantlings, carrying Petroleum in Bulk* State Type of Erections *Prop, Bridge & Tele.*

TONNAGE under Tonnage Deck... *7503.97*

CLASS ** 100 A.1.*

State if with freeboard as condition of Class *No*

Built at *Göteborg*

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 465'-0"*

Launched *19th March 1936* Yard No. *262*

Total

Breadth (greatest moulded) *B 60'-9"*

Builders *A.B. Eriksson, Akt. Verketstad.*

Gross Tonnage *8262.95*

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 34'-0"*

Owners *Odd Berg Tankrederi A/S*

Register Tonnage *4973.29*

1st Longitudinal Number (L x D) *15438*

Managers *Odd Berg*

2nd Numeral L x (B + D) *43686*

(Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS.

FEET.

Length *469.2*

Breadth *61.1*

Depth *34.5*

Framing Depth "d," at middle of length. See Sec. 3 (1d)

Proportions—Depth to Length—Uppermost continuous deck to top of keel

13.676

Residence *Oslo*

Port of Registry *Oslo*

If surveyed while building, afloat, or in dry dock

Building afloat and on floating dock.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	mm. INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		mm. INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	800	/	Bracket Floors, Frame	✓	
" " from <i>fore end of 1st tank</i> length to Collision bulkhead	685	/	" " Reversed Frame	✓	
" " in peaks	605	/	" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>1170 x 11½</i>	/
BOTTOM			" " top Angles	<i>dbl. 90 x 90 x 12½</i>	/
Frame Amidships, Angle, E or C	<i>280 90 12</i>	/	" " bottom Angles	<i>dbl. 100 x 90 x 14</i>	/
" " Extends up to	<i>Longit. Bldgs.</i>	/	Side Girders, No. each side and thickness	<i>30 19 15 x 10½</i>	/
SIDE			Margin Plate depth (excl. of flange) and thickness	<i>Tank top flush 13.</i>	/
Reversed Frame Amidships, Angle, E	<i>280 90 11.</i>	/	" " Vertical Angle to Tank side Bracket abaft ½ len. from stem	✓	
" " Extends up to	<i>Upper deck</i>	/	" " Vertical Angle to Tank side Bracket forward ½ len. from stem	✓	
Depth of Framing Girder			" " Gussets, spacing and scantling abaft ½ len. from stem	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	✓		" " Gussets, spacing and scantling forward ½ len. from stem	✓	
" " Second 'tween Decks, Angle, E or C	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>As per app. plans</i>	/
" " Third " " "	✓		INNER BOTTOM PLATING.		
Framing in Peaks, Angle or C	<i>200 90 10½</i>	/	Breadth and thickness of Middle Line Strake	<i>2696 x 13.</i>	/
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>22 x 135.</i>	/	Thickness of remainder in Holds	<i>13.</i>	/
State if Frame Joggled	<i>Yes.</i>	/	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Tankers and Boiler Room?	<i>Yes.</i>	/
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>See app. plans.</i>	/	BEAMS.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>90 x 90 x 11.5 tank bar from 4th to collision bulkhead. Extra girders and increased shell.</i>	/	Uppermost Continuous Deck, amidships	<i>200 x 90 x 10 centre</i>	/
SINGLE BOTTOM.			" " in Wells, Angle, E or C	<i>200 x 90 x 10 side</i>	/
Floors, Depth and thickness at mid-line in Holds	✓		" " in way of Bridge, Angle, E or C		/
Height of Brackets at side above base line at toe of frame	✓		Spacing	<i>800</i>	/
Middle Line Keelson, on Floors, Angle, E or C			Second Deck, amidships, Angle, E or C	✓	
" " Through Plate	<i>1700 x 12½</i>	/	Spacing	✓	
" " Intercoastal Plate	<i>200 x 90 x 12 dbl.</i>	/	Third Deck, amidships, Angle, E or C	✓	
" " Foundation Plate on Floors	<i>150 x 150 x 13 dbl.</i>	/	Spacing	✓	
" " Flat Plate Keel Angles	<i>On in centre tank.</i>	/	Fourth Deck, amidships, Angle, E or C	✓	
Side Keelsons, No. each side			Spacing	✓	
DEPTH AND THROUGH	<i>1700 x 12½</i>	/	POOP DECK, Angle, E or C	<i>230 x 90 x 12</i>	/
" " thickness of Intercoastal Plate	<i>280 x 90 x 14½</i>	/	Spacing	<i>200 x 75 x 12</i>	/
" " TOP BULB ANGLES	<i>150 x 150 x 13</i>	/	Bridge Deck, Angle, E or C	<i>230 x 90 x 10</i>	/
" " Angles TO SHELL			Spacing	<i>800</i>	/
DOUBLE BOTTOM. IN MOTOR ROOM.			Forecastle Deck, Angle, E or C	<i>200 x 75 x 10</i>	/
Solid Floors, thickness and spacing	<i>12½ every frame</i>	/	Spacing	<i>685 - 605</i>	/
" " Are Frame and Reversed Frame joggled?	<i>Frames only</i>	/			
Bracket Floors, breadth and thickness at middle line	✓				
" " breadth and thickness at margin plate	✓				

PILLARS AND DECKS.

	met. INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		met. INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS , No. of Rows.....	✓		BEAMS IN WAY OF HORIZONTAL GIRDERS		
„ in 'tween Decks, Size and Spacing.....	✓		Stringer Plate, breadth and thickness in way of Bridge	200' 90' 10 angl. ✓	
„ „ „ „ „	✓		Thickness of Plating abreast Deck openings in way of Wells	✓	
„ in Holds „ „	✓		Thickness of Plating abreast Deck openings in way of Bridge	✓	
2 "LONGITUDINAL" „ „ „	✓		Thickness of Plating within line of openings...	✓	
Centre Line Bulkhead. Stiffeners and Spacing.....	Channels 260' 10' 90' 140 800		If Sheathed, material and thickness	✓	
Plating, thickness of	13 11½ 10½ 10 9½ 10.		Third Deck. Stringer Plate, breadth and thickness.....	✓	
STRINGERS AND DECK. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells	210' 21½' - 11 ✓ 27 at breaks. ✓		If Plated, state thickness.....	✓	
„ „ „ „ in way of Bridge	✓		Fourth Deck. Stringer Plate, breadth and thickness.....	✓	
„ Angle in Wells	160' 160' 22 ✓ 4' 90' 90' 11. ✓		If Plated, state thickness	✓	
Thickness of Plating abreast Deck openings in way of Wells	20-9. ✓		Poop Deck. Stringer Plate, breadth and thickness	9. ✓	
Thickness of Plating abreast Deck openings in way of Bridge	✓		Plating, Sheathing, material and thickness ...	6½ Oregon pine 2½ ✓	
Thickness of Plating within line of openings...	12-9. ✓		Bridge Deck. Stringer Plate, breadth and thickness.....	1420' 10½ Chequered ✓	
If Sheathed, material and thickness	✓		Plating, Sheathing, material and thickness ...	8.5 Swedish pine 2' ✓ in way of accommodation.	
HORIZONTAL GIRDERS IN WING TANKS. Second Deck. Stringer Plate, breadth and thickness in Wells...	Two 1150' 10. ✓ 90' 75' 10. ✓		Forecastle Deck. Stringer Plate, breadth and thickness.....	9½ ✓	
„ „ „ „ „			Plating, Sheathing, material and thickness ...	9. ✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.		Spacing cr. to cr.
	<small>Inches.</small>	<small>Inches.</small>	<small>Inches.</small>	<small>Inches.</small>									
FLAT PLATE KEEL	2130	24	20	20	/	Double	25	70100	5R.	25	115	Lapped.	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes 2		17½	19½ 20½ 12½	12½	/	„	22	8089	4R	22	90	„	
BILGE PLATING, No. of Strakes 1		17½	12½	12½	/	„	22	9080	4R	22	90	„	
SIDE PLATING, No. of Strakes 2		16½	12	12	/	„	22	9080	4R	22	90	„	
UPPER DECK, Sheer-strake in Wells	1920	24	12	12	„				5R	25	115	„	
UPPER DECK, Sheer-strake in Bridge ...													
STRAKE BELOW Sheer-strake in Wells	2100	19½	12	12	/	Double	25	8089	4R	25	100	„	
STRAKE BELOW Sheer-strake in Bridge ...													
POOP SIDE PLATING				10		Single	19	75	1R	19	65	„	
BRIDGE SIDE PLATING ...		11.				„	25	110	1R	19	65	„	
FORECASTLE SIDE PLATING			11.			„	19	75	1R	19	65	„	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—12 (+4 in centre tank only) ✓
 Extending to Upper Deck (Sec. 3 c) 11. (+4 in centre tanks only)
 „ Deck next below 1. (After peak)
 As per Rule 7.

FORGINGS and CASTINGS.

		Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar			Hot plate keel		
STEM			Roller bar.		
STERN FRAME	{ Propeller Post		Casting	per plan	Mess. Ruckstuhl.
	{ Rudder "		"	"	A. G. Henrichs & Co. of Flottingen.
RUDDER—A × D			719½ foot ³		
Speed of Vessel			12 knots		
RUDDER mainpiece at head ...			Casting and	Mess. Ruckstuhl	
" " heel			plate as per	A. G. Henrichs & Co. of Flottingen	
" how constructed			plan.		
" double or single plate			12		
" coupling, vertical or			Horizontal,		
" horizontal					

		Plating Thickness.	STIFFENERS.					
			VERTICAL.		HORIZONTAL.			
			Scantlings.	Spacing.	Scantlings.	Spacing.		
MIDSHIP BULKHD. Upper tween decks								
"	" Second "							
"	" Third "							
"	" Holds	13-10	260	10	190	14	840	22 horizontal girders.
COLLISION	" (in Hold)	1½-6½	165	75	85	1610	23	(and deep scant top.
	" upper part	7½	150	75	85	1610		
AFTER PEAK	" lower -2-.....	13.	150	75	105			

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Essenmarkt, Newcastle, Carlismund Hoerder Hüttenveria, Consett Iron Works, Rönning, Eisen und Stahlwerk Georgyo, The Steel Company of Scotland, Calveilles Ltd. The Lancashire Steel Co. Limited*
Has the Steel been tested as required by the Rules? *Yes* (*Open hearth process*)

EQUIPMENT No				LETTER C + /				ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
1644	1st Bower ...	74	0	14				55	17	2	Hollandische Grootmederij Liden.
1645	2nd „ ...	74	0	26				55	17	2	
1646	3rd „ ...	74	0	6				55	17	2	
	Collective weight.	222	1	18							
94511	Stream	22	1	11	15	2	10	22	13	0	14

CHAIN CABLES.

HAWSEERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.			
	Length.	Diam.	Statutory.	Breaking.	Supplied.			Per Rule.		Length.					Diam.	Length.		Diam.	Length.	Cir.	Length.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.		
3529	150	2 7/8	106.9	149 5/8	461	1	1	890 1/4	300	2 7/8	Staten & Ketting										
											Hollandische Schiedamsche										
3535	150	2 7/8	"	"	463	3	12				"	"	"	4/12/35	TOWLINE...	130	5 1/4	77.5	130	5 1/4	
														P.H. van der Weel.	HAWSEERS & WARPS	420	100	2 3/4	15.2	420	2 3/4
															"	220	90	2 1/2	13.2		
		Cir.								Cir.					"						
Iron Stream Chain or Steel Wire	120	5"	52.8	✓					120	5"	✓				"						
		(6 1/2)																			

Steering Gear, Steam *Hutchinson Electric Hydraulic*Steering Gear, Hand *Hand and handle to wind on poop*Boats *20 24' 17 3/4' 3' 0"*
20 22' 6' 9" 2' 9" Steering Chains, Size and TestWindlass *Steam 10" x 14" by Purnes
H & M. Tested at P. H. van der Weel
Large (N° 6455)*Ceiling in Holds, thickness and material *None*Cargo Battens, thickness, material and spacing *None*Cargo Hatchways. (Upper Deck) *Q. T. Hinged steel hatches*Thickness of Hatches *As per approved plan.*Size of No. 1 Hatchway (Forward) *✓* No. 2 *✓* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*Number of Shifting Beams and/or Fore and Afters *✓*

Eriksbergs Mek. Verkstads Aktiebolag

Builder's Signature

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *Yes* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *✓* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

The materials and workmanship are good. The vessel has been built in accordance with the approved plans and instructions, the Secretary's letters of various dates and in conformity with the Rules for the class contemplated.

The vessel is constructed to carry petroleum in bulk. The vessel is also constructed to carry oil fuel in the double bottom under the machinery, in the oil fuel tankers situated at the forward end of the machinery space, in forward deep tank and in the after peak. The flash point of the oil fuel is above 150°F. Lubricating oil is carried in the centre portion of the double bottom under the engine.

The tanks, cofferdams, bulkheads and decks have been tested in accordance with the Rules and the requirements of Section 20 of the Rules (1934-1935) have been complied with. The freeboards have been verified and the marks cut in on the vessel's sides.

The amount of Entry Fee *Kr. 200.20*

Fees applied for,

Special Survey Fee... *Kr. 11098.81*FREEBOARD FEE *Kr. 345.80*Travelling Expenses, if any £ *33.00*LATE FEE. *Kr. 120.00*

Received by me,

*30.7.36*I am of opinion the Vessel should be Classed *100 A.1.**Carrying Petroleum in Bulk.*State whether the Vessel has been built under Special Survey *Yes*

Signature

G. Springvold.

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Bothenburg Office* Date of issue *10/7/36*

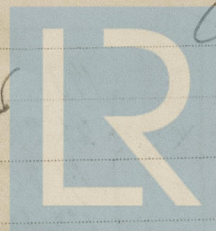
Committee's Minute

Character assigned

FRI. 3 JUL 1936

*+ 100 A.1**Carrying petroleum in bulk**Lloyd's A.R.C.P. + Lmb. 6.36**D.B. - 142 A*

004727-004735-0013 2/2



Lloyd's Register Foundation

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The following plans are now forwarded:—

Midship section.
Longitudinal Section and Plans.
Sternframe and rudder.
Fore end.
After end.
Double bottom
Sketches to oil tanks
Sketch to dry cargo hold
Sengway.

As fitted plan now forwarded:—

Midship section.
Longitudinal sections and plans
Fore end of vessel
After end of vessel.

Four Forgings & Castings certificate in respect of:
Sternframe, rudder, rudder stock, & rider.

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Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower 2455 kg. A.B. 2451. 19-12-29.
	2nd „ 47.2.27 cwt. J.S.H. 5. 8-9-34.
	3rd „ 2455 kg A.B. 2432 19-12-29.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 92.0 ft., R.Q.D. ✓ ft., Bridge 28.3 ft., Forecastle 40.0 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 dk (Steel)

Official No. : Signal Letters LJDW.
Is bottom of Vessel coated with cement part if not give
particulars of composition Cement in FW, double bottom tank and fore peak

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons. SALT	Where Fitted.	Length. Feet.	Water Capacity. Tons. SALT
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers Feed water 54.5			After peak tank,	OF or WB 25.8	141
Double bottom, if under Engines only, OF or WB 101.05 67.5		187.5	Deep tank, aft, (crosshatched) OF 10.1		584
Double bottom, if under Boilers only, Lubr. oil 32.0 including copperream.			Deep tank, forward, OF or WB 22.5		465
Double bottom, forward,			Other tanks, if fitted, (If necessary, furnish further information by sketch.)		
Total capacity of double bottom		187.5			

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 217

Date 25.3.35.

Dates of Surveys held while building

1935. Sept. 18. 20. 23. 30. Oct. 2. 3. 4. 7. 17. 18. 21. 25. 26. 30. 31. Nov. 4. 6. 11. 12. 25. 29. Dec. 2. 5. 18. 27. 1936. Jan. 2. 7. 11. 16. 17. 21. 23. 29. Feb. 7. 12. 15. 19. 22. 26. 29. March 3. 5. 7. 11. 12. 13. 14. 18. 20. April 2. 16. 22. May 4. 8. 16. 17. 18. 19. 20. 21. 22. 25. 26. 28. June 2. 3. 4.

Total No. of Visits 67