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No. 12111

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report *November 23 1938* When handed in at Local Office *Nov 24th 1938* Port of *Gothenburg*
No. in Survey held at *Gothenburg* Date, First Survey *May 25th* Last Survey *Nov 10th 1938*
Reg. Book. *28572* (No. of Visits *26*)

78469 on the *Wood, Iron or Steel* *s/s LISS*

TONNAGE: Built at *Haverford Hill-on-Tees* By whom *Furness S.B. Co. Ltd* When *1921-8*
GROSS *5925* Owners *Rederi A/S Krezimasko* Owners' Address *(if not already recorded in Appendix to Register Book)*
UNDER DK. *5658* Managers *Mrtk. L. Mathiesen* Port belonging to *Oslo*
NET *3578*

veyed Afloat or in Dry Dock? *Both* Name of Dock *Götaverken* Destined Voyage

B=Cell DBorDBa feet; uE&B feet; f feet feet
al capacity tons. FPT tons; APT tons; MT feet tons.
N.B.—All alterations in the existing records should be underlined.

st Report, No. *5723* Port *L.A.*

Medical Surveys, when held, must be reported in detail and serially in the terms of the Rules and items remaining to complete the Surveys should be summarised. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent repairs. Repairs on account of Damage (the cause of which must be stated) could be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be summarised in the form shown below. Whenever the replacement of Anchors or Chains is reported the particulars could be clearly stated in the space provided on the back of this form. State also the dates and initials of any letters respecting this case.

Damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose and to whom and why they were declined *Offered to Owners*

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)

CHARACTER. Date of last Survey and of Periodical Surveys.	Years assigned how renewed.	Machinery and Boiler Surveys (including date of N.B., in any).
<i>100A1</i> <i>3.37</i>		<i>LMC 8.34.</i> <i>BS 3.37</i> <i>CL 3.37</i>
<i>S.S. Del. No 3-8.34.</i>		
<i>Carrying Petroleum in Bulk</i>		<i>PROGRESSIVE SURVEY OF OIL TANKS.</i>
<i>Society's Freeboard (if assigned) as painted on Ship and now verified</i>		<i>✓</i> <i>fl.</i> <i>✓</i> <i>ins.</i>

Not required

Was a damage report made by anyone else? If so, by whom? *None made*

AIRS, OR EXAMINATION AS PER RULE, FOR *Annual*, Damage stated to have been caused by *heavy weather in January and February 1938 while on a voyage from Traba to Tripoli via Vado and Aeapel 2nd Special Survey d:1 and SK list.*

on dock: *Vessel placed on floating dock, the bottom sternframe and rudder cleaned examined and coated and the following damage repairs effected.*

Repairs effected due to damage:

Port side, 5 angles connecting horizontal stringer to bulkhead renewed.

ARY OF DAMAGE REPAIRS:—

Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items:—
<i>Renewed</i>							<i>See report.</i>
<i>Removed and Faired or Repaired</i>							
<i>Faired or Repaired in place</i>	<i>1.</i>						

ENT CONDITION OF THE

<i>Good</i>	State if Tanks have been examined inside <i>Yes</i>	Air and Sounding Pipes <i>Good</i>	Copper, or Y.M. of Wood Vessels (State if on Felt.) <i>✓</i>
ng of Decks <i>✓</i>	State if Tanks now tested <i>Yes</i>	Dblng. Plates under Sounding Pipes <i>✓</i>	When put on, Month <i>✓</i> Year <i>✓</i>
ngs <i>✓</i>	Bulkheads <i>Good</i>	Engine Room Skylights <i>✓</i>	Boats <i>Good</i>
& Fastenings <i>✓</i>	Ceiling <i>✓</i>	Coal Bunkers, Open'gs, Lids, &c. <i>✓</i>	Masts, Yards, &c. <i>✓</i>
e Plating <i>✓</i>	Cement or Asphalt (State which.) <i>✓</i>	Oil Bunkers <i>✓</i>	Condition, how ascertained <i>Examined</i>
in way of sidelights <i>✓</i>	Rudder <i>✓</i>	Scuppers <i>✓</i>	(State if wedges removed) <i>✓</i>
hooks <i>✓</i>	Steering gear and its connections <i>✓</i>	Cargo Hatchways <i>✓</i>	Sails <i>✓</i>
ms <i>✓</i>	Windlass <i>✓</i>	Hatches <i>✓</i>	Equipment letter <i>3</i>
is <i>✓</i>	Have pumps now been examined and found efficient? <i>Yes</i>	Planking of Wood Vessels <i>✓</i>	Anchors, No. of <i>3. 1. 3</i>
se Frames <i>✓</i>	Have Sluice Valves now been examined and found efficient? <i>Not exam.</i>	Caulking ditto <i>✓</i>	Chain Locker <i>Good</i>
udinals <i>✓</i>	Have Watertight Doors now been examined and found efficient? <i>✓</i>	Treenails ditto <i>✓</i>	Cables (State if now ranged) <i>Ranged</i>
verses <i>✓</i>	Have Ventilators and their Coamings been examined and found efficient? <i>Yes</i>	Breasthooks & Stemson ditto <i>✓</i>	length <i>255</i> mean diamr. <i>2 1/2</i>
as <i>✓</i>		Transoms Pointers, & Crutches ditto <i>✓</i>	(on board) <i>270</i> size <i>2 1/2</i>
ers <i>✓</i>		Timbers of Frame at openings ditto <i>✓</i>	Rule length <i>270</i>
Bottom Plating <i>✓</i>		Ditto Ditto at other places ditto <i>✓</i>	Hawser & Warps <i>Efficient</i>
		Stringers, Clamps & Shells ditto <i>✓</i>	Standing and Running Rigging <i>Good</i>
		Salting (State if examined.) <i>✓</i>	

neral Observations, Opinion as to Class, Recommendation, &c.:—

State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example:—"to remain as now classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,24," or "to remain as classed and to have record of survey, 1,24, and the notations of ss No. 1-24.

This vessel is eligible in my opinion to remain as now classed in Register Book with fresh record of survey GOT 11.38 and the notation of SS GOT 12-38 subject to B strake plate d:5 part and str being renewed and subject to 15 fathoms of chain being placed on board.

y Fee (per Section 20) <i>kr 625.-</i>	Fees applied for, <i>24/11. 1938</i>
al Damage or Repair Fee (if any) <i>kr 620.-</i>	Received by me, <i>19</i>
illing Expenses (if chargeable) <i>kr 3.-</i>	
d Surveyor's Fee (if any) <i>£</i>	

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character Assigned

FBI. 30 DEC 1938

Deferred for repairs
Tele: Progress Survey + amb
Write Got 11.38
oil tanks note in plus 12.38
SP. Q. 5.10.38

Deferred
White
Register
Foundation

9/5 L155 A in Reg Brak 78469

2nd Special Survey of 1 has been completed as follows:-

Vessel placed on floating dock, the bottom sternframe and rudder cleaned examined and coated. The tanks made gas free cargo tanks, cofferdams pump room dry cargo hold peak tanks double bottom tanks and machinery space cleared for examination. Tanks cofferdams etc. examined internally as required by Rule Steel work generally examined scaled and coated where necessary. All tanks and cofferdams have been tested by water or air pressure as required by Rule. The oil fuel bunker has not been examined internally at this occasion only examined under air pressure. Holes drilled in bottom shell and deck plating where the structure showing signs of wastage. Bottom plating in way of No. 2 cargo tanks found cracked and it is recommended that same being further examined at vessels next dry docking. (B strake plate No. 5 port and starboard side to be renewed at vessels next dry docking). Decks, masts, rigging anchors and general equipment examined chain cables ranged and examined and chain locker examined internally. Hatch covers and supports examined throughout in position at the hatchway, all means of securing the hatchways found in good condition. Ventilator coamings and covers, steering engine and its connections. The telemotor gear, rudder quadrant and tiller, windlass and air and sounding pipes examined and found or placed in good condition. Doubling plates found or fitted under all sounding pipes.

Repairs effected due to wear and tear

Tank top plating below boilers partly doubled.
Tank end between fresh water double bottom tank and cofferdam partly doubled.
Four bed bolts welded in way of growing.
Angles for resting the packing renewed on five hatchway covers.

Repairs recommended due to wear and tear.

15 fathoms of chain cables to be renewed (the welding of some links started)

Shell plating B strake plate No. 5 port and starboard side to be renewed (No time was available at this occasion to have the vessel in dry dock for renewing of above plates. The owners propose to have same dealt with at the vessels next dry docking)

Gallenburg

Steel $\frac{3}{5}$ "L155" No. in Reg. Book 78469.

I.R. list.

Sternframe specially examined and found satisfactory.
It is recommended that the insertion in the I.R. list
regarding the sternframe being removed.

Copy of interincertificates now attached.

G. Heringvist.