

Rpt. 9B

REPORT OF MACHINERY SURVEYS AND REPAIRS

Received London  
29. APR. 1963

Ship's Name ~~SS~~/MS "LUGANSK"

Gross tons

Is there a rpt. 8?

Port KOBE

Rpt. No. 11431

No. of visits  
Interim Cert. issued  
& copy herewith?

First date  
Damage rpt. issued  
& copy herewith?

Last date  
Last rpt. (H.Q. only)

Date of  
completing rpt.

Surveyed at, if different from Port above

Is a rpt. 9A  
attached? Yes

MN

Nature of survey Part machinery, ABS  
& Docking

Survey fees

Damage fee

Expenses

S.A. fee

Propeller	Good	DOCKING	Sea connections	Good	Oil gland	-
Fastenings	Good				Wear down of stern bush	2.35 mm
Has screw/tube shaft been drawn?	No				Date of examn.	-
Has shaft been changed?				Has shaft now fitted been previously used?		

Has shaft now examined/fitted a continuous liner?

Approved oil gland?

BOILERS OPENED UP AND EXAMINED. (Identify by position and state latest date of internal examination of each boiler.)

AUXILIARY, ~~Double Bottom~~ (State if oil fired—OF or exhaust gas—EG)

MAIN

(1) Port (1) Starboard  
23, 25, 27-2-63 Good

Air heaters Good

Superheaters None

Safety valves Good

Mountings, doors  
and fastenings Good

Safety valves { Sat  
adjusted to { Spt To be adjusted

Boiler securing  
arrangements Good

Main economisers None

Exhaust gas heated economisers Good

Steam heated  
steam generators None

Steam generator safety valves adjusted to

Forced  
circulating pumps Good

Funnel Good

Have saturated steam pipes in cylindrical boiler  
smoke boxes been examined as required by the Rules? None

Were oil burning system &  
remote controls examined  
in accordance with rules? Yes, Good

I recommend that the machinery of this ship remain as classed with/without fresh record of

(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

Date of Committee

Minute

See PIR 10153

*P. Manson, E.G. White & K. Tabuchi*  
Surveyor to Lloyd's Register of Shipping  
P. Manson, E.G. White & K. Tabuchi

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# EXAMINATION AND TESTING OF STEAM PIPES (state material)

MAIN  
AUXILIARY  
(over 3" bore)

Have saturated pipes in cylindrical boiler smoke boxes been tested?

Were selected copper pipes annealed?

## ELECTRICAL EQUIPMENT

PROPULSION (State Port—P, or Starboard—S)		AUXILIARY	
Total kW or kVA		Total kW or kVA	
a Generators		l Generators & governors	
b Exciters			
c Air coolers		m Motors	
d Motors			
e Air coolers		n Switchboards & fittings	
f Control gear cables, etc.		o Circuit breakers	
g Insulation resistance		p Cables	
h Insulating oil test		q Insulation resistance	
i Overspeed governors		r Steering gear generators & motors	
j Magnetic couplings		s Navigation light indicators	
k Air gap			

## PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

### Wear and Tear Repairs:-

Starboard primary boiler - Approximately 58 fire row and water wall tubes renewed at this time.

An additional water gauge was fitted to each primary boiler at this time.

On completion of repairs and additions the port and starboard primary boilers were tested by hydraulic pressure to 57 kg/cm<sup>2</sup> and proved sound and tight.

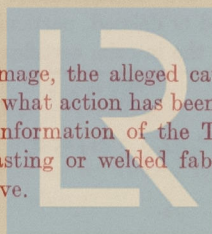
It was noted that overheating had taken place in the starboard primary boiler hence the reason for tube renewals as mentioned above.

### To Complete ABS 2,63:

All safety valves of each boiler require to be adjusted under steam.

S.R.L. No.199: Nil

The reason for repairs must be stated and those on account of damage, the alleged cause of which must be given, should be detailed separately from wear and tear repairs. State what action has been taken regarding items which are subjects of class. State also where appropriate, for the information of the Technical Records Dept. the material of the defective item and whether it is a forging, casting or welded fabrication. Any alterations in existing particulars in the Register Book should be reported above.



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