

Rpt. 9

Date of writing report 6.9.60

Received London

Port GLASGOW

No. 91661

Survey held at Bowling

No. of visits 6

First date 28.6.60

Last date 1.9.60

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 53267 S.S. "BANNROSE" Owners Thorn Line Ltd. Gross tons 489 Date of build 1925-7

Engines made 1925 By J. Lewis & Sons Ltd. Managers S. William Coe & Co. Ltd. Port of Registry Liverpool

No. of Main Engines 1 No. of Screws 1 Type T 3 cy. 12.1/2" 21" & 34" x 24

No. of Main Boilers 1 SB W.P. 180 lb. Records of Survey & Special Notations as per Register Book

No. of Aux./Donkey Boilers --- W.P. Hull + 100A1 DS 10.59 Machinery + LMC ES 9.56

Surveyed Afloat or in Dry Dock Afloat & on Slipway SS(DR) 7.51 MBS 10.59

Nature of Survey MBS, Docking, Gen. Exam. SS 9.56 TSCL 9.58

Was Damage Report issued? No Int. Cert.? Yes SPS 9.56

Last Report (For Head Office only) N.S.

The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus + should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

DOCKING Propellers Good Wear Down of Stern Bushes 5/32" Oil Glands - Sea Connections -

Fastenings Good Has Screwshaft/Tubeshaft been drawn? No Date of Examination - Has Shaft been changed? -

Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? - Approved oil gland? -

MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD

1 Cyls., Covers, Pistons & Rods

2 Valves & Gears

3 Connecting Rods, Top Ends & Guides Side Centre

4 Crankpins & Bearings Side Centre

5 Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods

7 Connecting Rods & Top Ends

8 Crankpins & Bearings

9 Journals & Bearings

10 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons & Rods

12 Connecting Rods & Top Ends

13 Crankpins & Bearings

14 Journals & Bearings

15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

STOP & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now seen, is in safe working condition and eligible, in our opinion to remain as classed with fresh record of MBS 9.60 now.

Date of Committee Decision MBS 9.60

GLASGOW 20 SEP 1960

6.55. T. (MADE AND PRINTED IN ENGLAND.)

Noted for

P. Brodie & S. Dinneen

Engine Surveyor to Lloyd's Register of Shipping

(P. BRODIE & S. DINNEN)

Lloyd's Register Foundation

000529-002535-0268



32 Essential Independent Pumps (Identify by position).....  
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls.....  
34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?.....  
35 Fresh Water Coolers..... 36 Lub. Oil Coolers..... 37 Heaters (state service).....  
38 Independent Air Compressors, Coolers & Safety Devices.....  
39 Air Receivers & Safety devices—Main..... 40 Auxiliary.....  
41 Oil Fuel Tanks (Not forming part of hull structure).....  
42 Evaporators..... 43 Have Evaporator Safety Valves been tested under steam?.....  
44 Steering Machinery..... 45 Windlass..... 46 Fire Extinguishing Arrangements.....

AUXILIARY ENGINES (Identify by position).....  
.....  
.....

ELECTRICAL EQUIPMENT			
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			l Generators & Governors
b Exciters			m Motors
c Air Coolers			n Switchboards & Fittings
d Motors			o Circuit Breakers
e Air Coolers			p Cables
f Control Gear, Cables, etc.			q Insulation Resistance
g Insulation Resistance			r Steering Gear Generators and Motors
h Insulating Oil Test			s Navigation Light Indicators
i Overspeed Governors			
j Magnetic Couplings			
k Air Gap			

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)  
MAIN 29.6.60 - Good AUXILIARY, DONKEY or PRESS.....  
Superheaters.....  
Safety Valves Good  
Mountings, Doors & Fastenings Good  
Safety Valves Adjusted to Sat. 180 lb.  
Spt.....  
Boiler Securing Arrangements Good  
Main-Economisers..... Exhaust Gas Heated-Economisers.....  
Steam-Heated Steam Generators..... Steam-Generator Safety Valves Adjusted to.....  
Were Oil-Burning System & Remote Controls examined working in accordance with Rules?..... Forced-Circulating Pumps.....  
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?..... Funnel Efficient

EXAMINATION & TESTING OF STEAM PIPES (State material)  
Main..... Auxiliary (over 3 in. bore).....  
Were Copper Pipes annealed?..... Have Saturated Pipes in cylindrical boiler smoke boxes been tested?.....

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

For Wear & Tear Minor boiler repairs carried out.

It was observed that all three combustion chamber back plates were buckled inwards between stays to a maximum of one inch, over an area of 7 sq. ft. in line with top of furnace. No excessive scale on water side of plates. The buckled plates and surrounding stays are in sound condition. It is recommended, however, that the following note be made in the Appendix to Special Reasons List:-

"All main boiler combustion chamber back plates distorted".

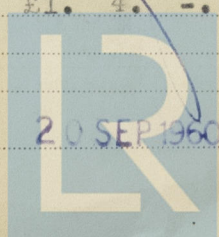
A general examination of the main and auxiliary machinery and electrical installation of this vessel has been made and it is considered that postponement of Engine Special Survey may be safely granted.

LEAVE THIS SPACE BLANK

Survey fees ... MBS £8. - - -  
Gen. Exam. £8. 8. -.

Damage fee ...  
Expenses... £1. 4. -.

Date when A/c rendered 20 SEP 1960



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Noted.  
MBS. 9.60 new hold.  
3.0.9.60  
3.0.9.60  
all main boiler combustion chamber back plates distorted  
Note re Appendix to Special Reasons List