

Rpt. 9

Date of writing report 25. 6. 59.

Received London 10 JUL 1959

Port SUNDERLAND

No. 37174

Survey held at SUNDERLAND

No. of visits 5

First date 13. 4. 59.

Last date 19. 5. 59.

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 68149 Name S.S. "K Y L O E" Gross tons 2847 Date of build 3, 1930.

Owners Sharp S.S. Co. Ltd., Managers Sharp & Co., Port of Registry NEWCASTLE

Engines made 1930 By Smith's Dock Co. Ltd., Type T 30y. 21" 35" & 57 1/2" x 42"

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 2 SB W.P. 180 lb

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Both

Nature of Survey DAMAGE

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

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull		Machinery	
*100A1		*LMC	
DS	2/59	ES	6/56
SS(Dr)	6/56	MBS	6/57
		TS(CL)	1/58
		Sps	6/56

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 1/16" ~~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

### EXHAUST STEAM TURBINES (WITH RECI. ENGINES)

19 STEAM COMPRESSORS

20 CLUTCHES & HYDRAULIC COUPLINGS

21 REDUCTION GEARING

22 THRUST BLOCKS, SHAFTS & BEARINGS

23 INTERMEDIATE SHAFTS & BEARINGS

24 HOLDING DOWN BOLTS & CHOCKS

25 CONDENSERS (MAIN & AUX.)

26 STEAM RE-HEATERS

27 DE-SUPERHEATERS

28 STOP & MANOEUVRING VALVES

29 MAIN ENGINE DRIVEN PUMPS

31 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 eligible in my opinion, to remain as now classed, subject to the alignment of the main engine crankshaft and intermediate shafting being dealt with as necessary before the vessel goes into service.

MONDAY 20 JUL 1959

Date of Committee

Decision Deferred

Noted for Reader

© 2020  
 F.B. Gray  
 Engineer Surveyor to Lloyd's Register of Shipping  
 F. B. GRAY  
 Foundation

003434-003443-0339

If certificate is required state where to be sent.

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 .....			i 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 ..... AUXILIARY, DONKEY or PRESS .....

Superheaters .....

Safety Valves .....

Mountings, Doors & Fastenings .....

Safety Valves Adjusted to { Sat. ....  
Spt. ....

Boiler Securing Arrangements .....

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 .....

**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)

**DAMAGE:** -Damage stated to have been sustained due to vessel laying in alleged foul berth, at Pallion Buoys, River Wear from January to April, 1959.

**NOW DONE FOR DAMAGE:** -All coupling bolts of intermediate shafting and thrust shaft removed and readings of coupling faces checked and found as detailed on the attached sheet. The vessel is at present laid up at Sunderland and the Owners state that all outstanding items of survey and the alignment of intermediate and crankshaft will be dealt with before the vessel goes into service.

It is recommended that the alignment of intermediate and crankshaft be dealt with before the vessel goes into service.

LEAVE THIS SPACE BLANK

Survey fees .....

Damage fee ..... £9. 9. 0.

Expenses... ..... 4. 6.

Date when A/c rendered..... 30 JUN 1959

