

WRECK SECTION

13 JAN 1962

Rpt. 9

Date of writing report 12.1.1962 Received London Port MANCHESTER No. 20090

Survey held at MANCHESTER No. of visits Three First date 3.1.1962 Last date 11.1.1962

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 30617. Name M.V. "SHAHRISTAN/" Gross tons 7210 Date of build 4-1945. Owners Strick Line Ltd., Managers F.C. Strick & Co. Ltd., Port of Registry London

Engines made 4-1945 By J. Readhead & Sons Ltd., Type T 3 Cy, 24 1/2", 37" & 70" x 48"

No. of Main Engines 1 No. of Screws 1 No. of Main Boilers 3 SB W.P. 220 lb. Spt.

No. of Aux./Donkey Boilers W.P. - Surveyed Afloat or in Dry Dock Afloat

Nature of Survey Completion of MBS Was Damage Report issued? No Int. Cert.? Yes

Last Report (For Head Office only) 26977 Shw

Records of Survey & Special Notations as per Register Book

Table with columns: Hull (+100A1 with freeboard, SS, Docking), Machinery (+LAC, ES, MBS, TS (CL), SPS) and values.

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 Wear Down of Stern Bushes Oil Glands Sea Connections

Fastenings Has Screwshaft Tubeshaft been drawn? 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
4 Crankpins & Bearings
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

MAIN TURBINES

- 17 SUPERCHARGERS
18 Casings, Rotors, Blading, Bearings & Thrusts

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

- 29 STOP & MANOEUVRING VALVES
30 MAIN ENGINE DRIVEN PUMPS

- 31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now seen, is eligible, in my opinion, to remain as classed with fresh record of MBS 12,61 as previously recommended now the survey has been completed.

Date of Committee TUESDAY 13 FEB 1962

Decision Defered for comp ES (by 12.62) but align MBS 12.61

40m,3,58 T. (MADE AND PRINTED IN ENGLAND.)

Ack sent Office re MBS.

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003541-003548-0238

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent



12 FEB 1962 2 FEB 1962

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)

Starboard - 3.1.62. - Good

**MAIN** ..... **AUXILIARY, DONKEY or PRESS** .....

Superheaters ..... Starboard - Good

Safety Valves ..... Starboard - Good

Mountings, Doors & Fastenings ..... Starboard - Good

Safety Valves Adjusted to { Sat. P,C & S - 220 lbs/in<sup>2</sup>

{ Spt. P,C & S - 220 lbs/in<sup>2</sup>

Boiler Securing Arrangements ..... Starboard - 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? Yes - Good Forced Circulating Pumps .....

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Yes - Good Funnel Good

**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)

MBS. Starboard Boiler.

2 lower marginal stay tubes renewed from ships spare and found satisfactory under steam. Minor wear and tear repairs effected to mountings.

Feed Heater.

Both feed heater tube stack and associated feed heater valve block renewed at this time. Owners Superintendent stated Messrs. Caird & Rayners (Makers) were inadvertently not informed for Lloyds Survey Requirements. Feed heater tubestack stamped Hydr. Test 500 lbs/in<sup>2</sup> 28.11.61. and valve block stamped Hydr. test 500 lbs/in<sup>2</sup> 16.12.61. The complete heater was examined under working conditions at full boiler pressure and found satisfactory.

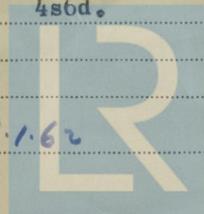
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COMPLETION OF MBS Survey fees ... £12. 0. 0d.

Damage fee ...

Expenses... 4s6d.

Date when A/c rendered... 15.1.62



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MBS part led 12/61 now complete

It is submitted that this vessel is eligible for THE RECORD MBS 12/61.

E.S. not advanced

Sub 12/61