

Rpt. 9

Date of writing report 4-3-57

Received London

25 MAR 1957

Port BELFAST

No. 16280

Survey held at BELFAST

No. of visits 2

First date AND

Last date 23. 2. 57.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 82799 Name S.S. "WHIN" Gross tons 466 Date of build 10. 1920.

Owners R. NEILL & SONS LTD. Managers ✓ Port of Registry BELFAST.

Engines made 1920 By C.D. HOLMES & G. LTD. Type T. 3CY.

No. of Main Engines ONE No. of Screws ONE Records of Survey & Special Notations as per Register Book

No. of Main Boilers ONE W.P. 180 LBS/0".

No. of Aux./Donkey Boilers NONE W.P. ✓

Surveyed Afloat or in Dry Dock AFLOAT.

Nature of Survey BAR REPAIR.

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

Last Report (For Head Office only)

Hull	Machinery	
*10091	4,56 + L.M.C.	11,53.
S.S. BEL.	11,53 B.S.	11,56.
	T.S.(CL)	5,55.
	S.P.S.	11,53.

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 (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.....
- 29 STOP & MANOEUVRING VALVES.....
- 30 MAIN ENGINE DRIVEN PUMPS.....
- 31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES.....

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this ship so far as now seen is in good condition and eligible in my opinion to remain as now classed with record of B.S. 11,56 as previously recommended. The item in the S.R. list referring to the boiler blow down valve chest may now be omitted.

Date of Committee ✓ TUESDAY 19 MAR 1957 Decision As new without spl. ch

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).....

PROPULSION	ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT
	PORT	STARBOARD	
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 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

SURVEY CONFINED TO BELOW.

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)

See Belfast Report No 16229 for previous survey.

S.R.L. Boiler blow down valve chest to be renewed by 2.57 (3 months limit)

How Done

Boiler blow down valve chest removed, and boiler shell in way examined and found satisfactory.
New blow down valve chest fitted, stamped:-
LLOYD'S TEST 360 LBS/SQ IN 2.2.57 D.O.C.

It is recommended that the item in the S.R. list referring to the blow down valve chest may now be omitted.

LEAVE THIS SPACE BLANK

Survey fees ... £ 3-2-0.
Late Attendance of 4-4-0.

Damage fee

Expenses.....

Date when A/c rendered..... 4-3-57