

Rpt. 9

Date of writing report 4-3-57

Survey held at BELFAST

Received London

No. of visits 2

5 MAR 1957

Port

BELFAST

No.

16280

First date

AND

Last date

23.2.57

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 82799 S.S. Name "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 BLR REPAIR
Was Damage Report issued? No. Int. Cert.? No.
Last Report (For Head Office only)

Hull	Machinery
4,56 T.M.C.	11,53
4,56 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.....
2 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.....
Have Main Engines been tested working and manoeuvring?.....

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	
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..... 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)

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:-
LLOYDS 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

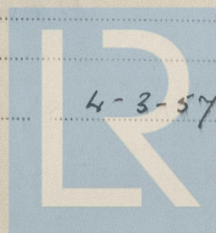
Survey fees ... £ 3-2-0.
Late Attendance of 4-4-0.

Damage fee ...

Expenses... ..

Date when A/c rendered.....

4-3-57



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