

Rpt. 9

Date of writing report 2.5.58  
Survey held at IRVINE

Received London

No. of visits 6

Port GLASGOW

First date 6.2.58

No. 88484

Last date 22.4.58

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 03024 Name S.S. BALLYHALBERT  
Owners JOHN KELLY LTD. Managers E.W.P. KING  
Engines made 1920 By J. SAMUEL WHITEY CO LTD  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers 158 W.P. 180 LBS  
No. of Aux./Donkey Boilers 1 W.P. 180 LBS  
Surveyed Afloat or in Dry Dock BOTH  
Nature of Survey DAMAGE, P.S., MBS, TSCL & DOCKING.  
Was Damage Report issued? YES. Int. Cert.? YES.  
Last Report (For Head Office only)

Gross tons 743 Date of build 1920-8  
Port of Registry BELFAST  
Type TSCY 15", 25 1/2" x 41" x 30"

Records of Survey & Special Notations as per Register Book

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 RE-WOOD Oil Glands Sea Connections GOOD  
Fastenings GOOD Has Screwshaft/Tubeshaft been drawn? YES Date of Examination 6.2.58 Has Shaft been changed? No  
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. 1 Cyls., Covers, Pistons & Rods H.P., I.P. & L.P. - GOOD  
2. 2 Valves & Gears H.P., I.P. & L.P. - GOOD  
3. 3 Connecting Rods, Side H.P., I.P. & L.P. - GOOD  
Top Ends & Guides Centre  
4. 4 Crankpins & Side H.P., I.P. & L.P. - GOOD  
Bearings Centre  
5. 5 Journals & Bearings GOOD

MAIN ENGINE DRIVEN AIR COMPRESSORS  
1. 1 Cyls., Covers, Pistons & Rods  
2. 2 Connecting Rods & Top Ends  
3. 3 Crankpins & Bearings  
4. 4 Journals & Bearings  
5. 5 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS  
1. 1 Cyls., Covers, Pistons & Rods  
2. 2 Connecting Rods & Top Ends  
3. 3 Crankpins & Bearings  
4. 4 Journals & Bearings  
5. 5 Levers  
6. 6 SCAVENGE BLOWERS  
7. 7 SUPERCHARGERS

MAIN TURBINES  
1. 1 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)  
STEAM COMPRESSORS  
CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING  
THRUST BLOCKS, SHAFTS & BEARINGS GOOD  
INTERMEDIATE SHAFTS & BEARINGS GOOD  
HOLDING DOWN BOLTS & CHOCKS GOOD  
CONDENSERS (MAIN & AUX) GOOD  
STEAM RE-HEATERS  
DE-SUPERHEATERS  
STOP & MANOEUVRING VALVES GOOD  
MAIN ENGINE DRIVEN PUMPS GOOD

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES  
Have Main Engines been tested working and manoeuvring? YES  
OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as was seen, is in safe working condition and eligible in my opinion, to remain as claimed with full records of P.S. 4.58, MBS 4.58 and TSCL 3.58, and S.P.S. 4.58, now.

Date of Committee GLASGOW 20 MAY 1958  
Decision ES 4.58 MBS 4.58 TS 4.58 SPS 4.58  
MADE AND PRINTED IN ENGLAND

CERTIFICATE WRITTEN  
Lloyd's Register Foundation  
002515-002521-0041 1/2



32 Essential Independent Pumps (Identify by position) BALLAST - GOOD, GENERAL SERVICE (BAGE) GOOD, DONKEY FEED - GOOD

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls GOOD

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? YES

35 Fresh Water Coolers Lub. Oil Coolers Motors (state service)

36 Independent Air Compressors, Coolers & Safety Devices

37 Air Receivers & Safety Devices Main Auxiliary

38 Oil Fuel Tanks (Not forming part of hull structure)

39 Have Evaporator Safety Valves been tested under steam?

40 Evaporators

41 Windlass GOOD 42 Fire Extinguishing Arrangements GOOD

AUXILIARY ENGINES (Identify by position) GENERATOR ENGINE - GOOD

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

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN GOOD 6.2.58

Superheaters

Safety Valves GOOD

Mountings, Doors & Fastenings GOOD

Safety Valves Adjusted to Sat. 180 LBS

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 GOOD COPPER 360 LBS. HYD TEST

Were Copper Pipes annealed? YES

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)

Now Done for Damage: Vessel placed shipway, propellers, stem gland & bulk sea valves and all undermains fastenings examined, one propeller blade broken off at root, new cast iron propellers satisfactorily fitted

Seven shaft diam and examined and found in order

Main and Auxiliary machinery opened out & examined, crankshaft lifted and bottom halves of main bearings examined, intermediate shaft examined and all found in order

Main Boilers opened out examined and now placed in order

It is requested by Owners that all items examined be recorded for periodical survey

Damage stated to have been sustained through vessel grounding at Aldersham from 24 January to 25 January 1958.

LEAVE THIS SPACE BLANK

E.S. 130-0-0 ✓

Survey fees

MBS. 18-0-0 ✓

T.S.C.L. 15-0-0 ✓

S.P.S. 3-0-0 ✓

ELEC 17-0-0

Damage fee 17-10-0

Expenses... 12-5-0

20 MAY 1958

Date when A/c rendered

Rpt. 2a Cont. Sheet

Port of GLASGOW

Continuation of Ship/Mchy. Report No. 88684

Continuation of Report No.

dated

4.5.58.

on the

on the S.S./M.S.

BALLYHALBERT

Repairs Main Boilers: Port, Centre & Starboard furnace grommets where grooved cut out and welded, front plate where flanged to centre furnace at bottom cut out where grooved and re-installed by welding

blow-off plate between wrapper plate and centre furnace flange on port side top quarter re-installed by welding

Nine back stays centre combustion chamber re-newed, plate in way of stays re-installed by welding before stays fitted

One ring stay starboard furnace cut out side re-newed

Bottom manhole doors and openings re-installed by welding.

Main & Auxiliary Machinery: New & Year repairs carried out

30 MAY 1958

30 MAY 1958

30 MAY 1958



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