

Rpt. 9

Date of writing report

5.9.61

Received London

Port

BELFAST

No.

17013

Survey held at

BELFAST

No. of visits

5

First date

25.7.61

Last date

2.8.61

## REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 03279

S.S. Name

BALLYGRAINEY

Gross tons 641

Date of build 11-1936

Owners

JOHN KELLY LTD

Managers

E.W.P. KING LTD

Port of Registry

BELFAST

Engines made

11-36

By

AITCHISON

BLAIR LTD

Clydebank

Type

T. 361

No. of Main Engines

1 No. of Screws

1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers

1 SB

W.P. 200 lb/sq. in.

No. of Aux./Donkey Boilers

W.P.

Surveyed Afloat or in Dry Dock

Both

Nature of Survey

G.E. MBS T.S. Dg.

Was Damage Report issued?

No

Int. Cert.?

YES

Last Report (For Head Office only)

Hull  
\* 100 A1

SS 7.57

DS 6.60

Machinery

\* L.M.C.

E.S. 7.57

M.B.S. 6.60

TS (CL) 4.59

SPS 7.57

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 Propeller

Good

Wear Down of Stern Bushes

REWOODDED

Oil Glands

Sea Connections

Good

Fastenings

Good

Has Screwshaft Tubeshaft been drawn?

YES

Date of Examination

28.7.61

Has Shaft been changed?

No

Has Shaft now fitted been previously used?

Has Shaft now examined/used a continuous liner?

YES

Approved oil gland?

MAIN ENGINES (Recip. Steam)

PORT

1 Cyls., Covers, Pistons & Rods

HP. IP. 8 LP.

Good

2 Valves & Gears

HP. IP. 8 LP.

Good

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

Good

24 INTERMEDIATE SHAFTS & BEARINGS

Good

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 FEED & BILGE; CIRCULATING & AIR

31 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 now seen, is in good condition and eligible, in my opinion, to remain as claimed with fresh records of survey M.B.S. 8.61 TS (CL) 8.61.

Date of Committee

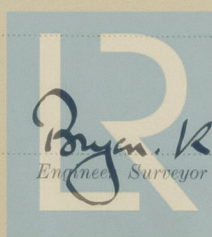
TUESDAY 19 SEP 1961

Decision

Deferred for comp. ES  
but assign TS 8.61  
MBS 8.61

Noted  
for  
Header

50m, 4.59 T. (MADE AND PRINTED IN ENGLAND)



© 2020

Register of Shipping  
Engineers Surveyors to Lloyd's Register of Shipping

Foundation

002667-002673-0096



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 Independent Air Compressors, Coolers & Safety Devices

37 Air Receivers & Safety devices—Main

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

42 Evaporators

44 Steering Machinery

36 Lub. Oil Coolers

43 Have Evaporator Safety Valves been tested under steam?

45 Windlass

37 Heaters (state service)

40 Auxiliary

46 Fire Extinguishing Arrangements

Ballast. Gen Service. - Good

Generally examined - Good

YES

Good

Good

Good

Good

Good

Good

Good

AUXILIARY ENGINES (Identify by position)

Dynamo engine in entirety - Good

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

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

MAIN ONE 27-7-61 GOOD

AUXILIARY, DONKEY or PRESS

Superheaters

Safety Valves

Mountings, Doors & Fastenings

Safety Valves Adjusted to { Sat. 200 lb/sq.in Spt.

Boiler Securing Arrangements

Main 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 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)

General Examination for Particular of Special Survey in accordance with the Secretary's letter of 14.4.61

A General Examination has been held on this vessel in accordance with Circular 1959. Main and auxiliary machinery and pumping arrangements were examined as far as practicable and, as far as could be seen, were in satisfactory condition. Parts were opened out as shown above. Electrical equipment examined and insulation tested and found or placed in good order.

Boiler Repairs

All boiler mounting, doors and fastenings examined and found or placed in good order. 9 combustion chamber stay pins and one plain tube renewed. Other minor wear and tear repairs effected.

Survey fees Gen. Ex. £ 15-0-0 M.B.S. £ 8-0-0 T.S. £ 5-0-0

Damage fee

Expenses

Date when A/c rendered 5.9.61