

REPORT OF **MACHINERY SURVEYS AND REPAIRS**
(ENGINES AND AUXILIARIES)

Received London

13 SEP 1962

Ship's Name **SS/XX "BALLYKERN"** Gross tons **846**

Is there a rpt. 8? **Yes** Port **BELFAST** Rpt. No. **17187**

No. of visits **26** First date **18.6.62.** Last date **27.8.62.**

Interim Cert. issued & copy herewith? **Yes** Damage rpt. issued & copy herewith? **No** Last rpt. (H.Q. only)

Date of completing rpt. **6.8.62.** Surveyed at, if different from Port above **-**

Is a rpt. 9B attached? **Yes** MN **131** Nature of survey **General Examination**

Survey fees M.B.S. **£ 9. 0. 0.** Damage fee **£ 9. 0. 0.** Expenses **7s. 6d.**

Boiler Repairs **£ 9. 0. 0.**

Gen. Exam. **£12. 0. 0.** S.A. fee **£ 4. 4. 0.**

MAIN ENGINES, RECIP., STEAM OR I.C. (State Port—P or Starboard—S)

- 1 Cyls., covers, pistons & rods **H.P., I.P. & L.P. - Good**
- 2 Valves & gears **H.P., I.P. & L.P. - Good**
- 3 Con. rods, top ends & guides centre Side
- 4 Crankpins & bearings centre Side
- 5 Journals & bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS (State Port—P or Starboard—S)

- 6 Cyls., covers, pistons & rods 7 Con. rods & top ends
- 8 Crankpins & bearings 9 Journals & bearings
- 10 Coolers & safety devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS (State Port—P or Starboard—S)

- 11 Cyls., covers, pistons & rods 12 Con. rods & top ends
- 13 Crankpins & bearings 14 Journals & bearings

MAIN TURBINES (State Port—P or Starboard—S)

- 16 Casings, rotors, blading, bearings & thrusts 15 Levers

- 17 Reduction gearing
- 18 Scavenge blowers 19 Superchargers

We **do** recommend that the machinery of this ship remain as classed with/without fresh record of M.B.S. 8/62.

(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

Date of Committee **THURSDAY - 4 OCT 1962**

Minute **as now**
M.B.S. 8.62

W. C. D. Joyce & K. Batten
Surveyor to Lloyd's Register of Shipping
(P. Couch & B.K. Batten)



Lloyd's Register Foundation

003409-003416-0231

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20	Exhaust steam turbines (with recip. eng.)	21	Thrust blocks shafts & bearings		
22	Steam compressors	23	Intermediate shafts & bearings		
24	Clutches & hydraulic couplings	25	Condensers (main & aux.)		
26	Steam re-heaters	27	Air ejectors (main & aux.)		
28	De-superheaters	29	Forced &/or induced draught fans		
30	Stop & manoeuvring valves	31	Holding down bolts & chocks	32	Detuner or vibration damper
33	Main engine driven pumps	Air, Bilge & Feed Pumps - Good			
34	Crankcase doors & explosion relief devices	35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)			Yes - Good

36 Essential independent pumps **Main S.W. Circulating & Engine, G.S. Pump & Ballast Pump - All Good**

37	Bilge, ballast & oil fuel suction lines, fittings & controls	38	Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?		
39	Fresh water coolers	40	Lub. oil coolers		
41	Heaters (state service)	42	Feed water filters		
43	Auxiliary air receivers & safety devices	44	Starting air pipes		
45	Main air receivers & safety devices				
46	Independent air compressors coolers & safety devices				
47	Oil fuel tanks (not forming part of the hull structure)				
48	Have all evaporators safety valves been tested under steam?	49	Evaporators HP & LP	50	Distillers
51	Fire extinguishing arrangements	52	Steering machinery	Good	53 Windlass Good

AUXILIARY ENGINES **Dynamo Engine - Good**

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

General Examination for Postponement of Special Survey according to the Secretary's letter of 9th March, 1962.

A General Examination of machinery has been carried out 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 opened out and examined as set out above.

Electrical equipment examined and insulation tested and found or placed in good order.

A satisfactory trial of main and auxiliary machinery was held.

The reason for repairs must be stated and those on account of damage, the alleged cause of which must be given, should be detailed separately from wear and tear repairs. State what action has been taken regarding items which are subjects of class. State also where appropriate, for the information of the Technical Records Dept., the material of the defective item and whether it is a forging, casting or welded fabrication. Any alterations in existing particulars in the Register Book should also be reported above.

