

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

Received London

15 NOV. 1962

Ship's Name ~~SS/MS~~ "BELE", of Stockholm Gross tons 1234
 Is there a rpt. 8? Yes Port Stockholm Rpt. No. 13924.
 No. of visits 1 First date and Last date 1.11.62.
 Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? - Last rpt. (H.Q. only)
 Date of completing rpt. 14.11.62. Surveyed at, if different from Port above -
 Is a rpt. 9B attached? No MN 242 Nature of survey GEN. EXAM.
 Survey fees Kr. 150:-- Damage fee - Expenses Kr. 3:--
 S.A. fee -

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

1 Cyls., covers, pistons & rods
 2 Valves & gears
 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
 0 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
 15 Levers

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

6 Casings, rotors, blading, bearings & thrusts
 7 Reduction gearing
 8 Scavenge blowers 19 Superchargers

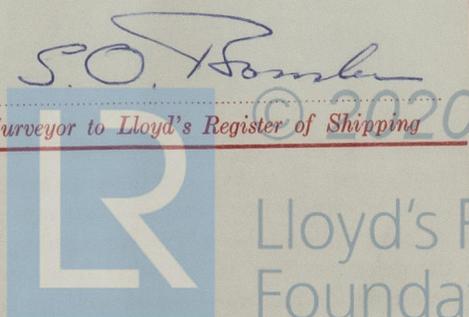
I recommend that the machinery of this ship remain as classed ~~with~~/without fresh record of survey, subject to any outstanding conditions of class being dealt with as previously recommended.

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

S.O. Bomler
 Surveyor to Lloyd's Register of Shipping

Date of Committee WEDNESDAY 12 DEC 1962

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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 | | | | |

35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)

34 Crankcase doors & explosion relief devices

36 Essential independent pumps

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

53 Windlass

AUXILIARY ENGINES

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

For postponement of Special Survey.

Examined main machinery, auxiliary machinery and pumping arrangements.

Electrical installation megger tested.

All in accordance with Circular No. 1959 and with satisfactory results.

It is recommended the Special Survey may now be postponed until October, 1963.

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.

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