

REPORT OF MACHINERY SURVEYS AND REPAIRS  
(ENGINES AND AUXILIARIES)

Received London

Ship's Name **SS/MS "CAIRNGORM"** Gross tons **400**  
 Where a rpt. 8? **Yes** Port **GLASGOW** Rpt. No. **93971**  
 No. of visits **1** First date **and** Last date **11.9.62.**  
 Interm. Cert. issued copy herewith? **Yes** Damage rpt. issued & copy herewith? Last rpt. (H.Q. only)  
 Date of completing rpt. **11.9.62.** Surveyed at, if different from Port above **Bowling**  
 Is a rpt. 9B attached? **Yes** MN **100** Nature of survey **CS, TS & DS**  
 Survey fees Damage fee Expenses **4/-**  
 TS **£3. -- --**  
 CS **£7. -- --**

Survey made in RFB. **17-9-62** S.A. fee  
 Surveyor's Initials. **pub** MAIN ENGINES, RECIP., STEAM OR I.C. (State Port—P or Starboard—S)

Cyls., covers, pistons & rods **Nos. 2 and 5 - Good**  
 Valves & gears **Nos. 2 and 5 - Good**  
 Con. rods, top ends & guides centre **Nos. 2 and 5 - Good** Side  
 Crankpins & bearings centre **Nos. 2 and 5 - Good** Side  
 Journals & bearings

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

Cyls., covers, pistons & rods **7** Con. rods & top ends  
 Crankpins & bearings **9** Journals & bearings  
 Coolers & safety devices

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

Cyls., covers, pistons & rods **12** Con. rods & top ends  
 Crankpins & bearings **14** Journals & bearings

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

Casings, rotors, blading, bearings & thrusts **15** Levers

Reduction gearing

Scavenge blowers **19** Superchargers

I recommend that the machinery of this ship remain as classed with/without fresh record of  
 ISM (with date) when the survey is completed and TSOG 9,62.

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

*J. M. Cochrane*  
 Surveyor to Lloyd's Register of Shipping  
 (J. M. COCHRANE)

Date of Committee **GLASGOW 16 OCT 1962**

Minute **as now**  
**TSOG. 9.62.**

ALSO FOR
SPL FOR
TRO
SRL
POSTING
HEADER
CERT



Lloyd's Register  
 Foundation

010012-010023-0293

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

36 Essential independent pumps

- 37 Bilge, ballast & oil fuel suction lines, fittings & controls
- 39 Fresh water coolers
- 41 Heaters (state service)
- 43 Auxiliary air receivers & safety devices
- 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
- 38 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?
- 40 Lub. oil coolers
- 42 Feed water filters
- 44 Starting air pipes

**AUXILIARY ENGINES**

**PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.**

Wear & Tear Repairs Now Done:- Minor repairs and adjustments effected to items now examined.

Existing Conditions of Class:- None

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 to existing particulars in the Register Book should also be reported above.

