

Ship's Name ~~SS/MS~~ DURHAM LRN^o 509510

Gross tons 10984 Port of Registry LONDON Port LONDON

Date of build 9-1934 Is there a rpt. 8? YES Rpt. No. 155253

No. of visits 4 First date 1-11-65 Last date 5-11-65

Interim Cert. issued & copy herewith? YES Damage rpt. issued & copy herewith? - Last rpt. (H.Q. only)

Date of completing rpt. 8-11-1965 Surveyed at, if different from Port above

Is a rpt. 9B attached? No MN 2236 Nature of survey CSM GENERAL EXAMINATION CONDITION OF CLASS

Survey fees Damage fee Expenses

CSM £20-0-0 GENERATOR METALOCK REPAIR £5-0-0 32 3 £110/0 S.A. fee

15 NOV 1965 MAIN ENGINES, RECIP., STEAM OR I.C. (State Port—P or Starboard—S)

- 1 Cyls., covers, pistons & rods
- 2 Valves & gears
- 3 Con. rods, cross-heads, bearings & guides centre Side
- 4 Crankpins & bearings centre Side
- 5 Journals & bearings P No 2 + P No 8 Good

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

- 6 Cyls., covers, pistons & rods
- 7 Con. rods, cross-heads & bearings
- 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, cross-heads & bearings
- 13 Crankpins & bearings
- 14 Journals & bearings

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

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

- 17 Reduction gearing
- 18 Scavenge blowers
- 19 Superchargers

I recommend that the machinery of this ship remain as classed with/without fresh record of CSM (WITH DATE) WHEN THE SURVEY HAS BEEN COMPLETED, WITHOUT SPECIAL CONDITION IN RESPECT OF THE METALOCK REPAIR TO THE SCAVENGE PUMP GUIDE OF THE POLAR (PORT AFTER) AUXILIARY ENGINE SUBJECT TO ANY OUTSTANDING CONDITIONS OF CLASS BEING DEALT WITH AS PREVIOUSLY RECOMMENDED

ALSO FOR
SPL FOR
NOTED BY TRO
CESR
SRL
POSTING
HEADER
CERT

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

R. J. Dunn
Surveyor to Lloyd's Register of Shipping

Date of Committee

WEDNESDAY 24 NOV 1965

Minute

Deferred for comp CSM + ABS (without one con)

Lloyd's Register Foundation

At part or complete Special Surveys those items which are not applicable to the ship are to be cancelled; 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.

considered that re-examination or repairs should be made before that date a distinguishing mark must be inserted against the item and the circumstances and action taken or recommended described fully under "Defects and repairs".

The condition of any item is to be described as "good" only when it 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 repairs have been effected or it is

Exhaust steam turbines (with recip. eng.)	20	Thrust blocks shafts & bearings	21
Steam compressors	22	Intermediate shafts & bearings	23
Clutches & hydraulic couplings	24	Condensers (main & aux.)	25
Steam re-heaters	26	Air ejectors (main & aux.)	27
De-superheaters	28	Forced &/or induced draught fans	29
Stop & manoeuvring valves	30	Holding down bolts & chocks	31
Main engine driven pumps	33	Detuner or vibration damper	32

State Port P. or Starboard S.

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 P+S

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?

GOOD

YES

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

Identify by position

AUXILIARY ENGINES

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

CONDITION OF CLASS " PORT AFTER AUXILIARY ENGINE SCAVENGE PUMP GUIDE TO BE SPECIALLY EXAMINED IN WAY OF METALOCK REPAIR BEFORE THE END OF SEPTEMBER 1965 " PER SRL No 243 .

NOW DONE : METALOCK TO SCAVENGE PUMP GUIDE OF THE PORT AFTER AUXILIARY ENGINE SPECIALLY EXAMINED AND REPAIR FOUND EFFICIENT. AS THIS REPAIR WAS CARRIED OUT 2 1/2 YEARS AGO IT IS RECOMMENDED THE CONDITION BE NOW DELETED.

THIS SHIP IS STATED TO BE PROCEEDING TO JAPAN TO BE BROKEN UP AND IN ORDER TO MAINTAIN CLASS UNTIL THE 1ST FEBRUARY 1966 A GENERAL EXAMINATION OF THE MAIN AND AUXILIARY MACHINERY AND ELECTRICAL INSTALLATION HAS BEEN CARRIED OUT. SUBSEQUENTLY ALL MAIN AND AUXILIARY MACHINERY WAS EXAMINED AND TESTED UNDER WORKING CONDITIONS AND FOUND IN EFFICIENT CONDITION.

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.