

Rpt. 9A REPORT OF MACHINERY SURVEYS AND REPAIRS (ENGINES AND AUXILIARIES)

Received London 31. AUG. 1965

FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Ship's Name ~~SS/MS~~ "DURHAM"
 LR509510 Port of Registry London Port Auckland
 Gross tons 10984
 Date of build 9-1934 Is there a rpt. 8? No Rpt. No. 12,303
 No. of visits 1 First date and Last date 18/8/65
 Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? No Last rpt. (H.Q. only) LON 156055
 Date of completing rpt. 23/8/65 Surveyed at, if different from Port above
 Is a rpt. 9B attached? No MN Nature of survey CSM
 Survey fees CSM £9. 0. 0 Damage fee Expenses 5/0d.
 S.A. fee

31 SEP 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

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)

- 16 Casings, rotors, blading, bearings & thrusts 15 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, subject to any outstanding conditions of class being dealt with as previously recommended.

ALSO FOR

SPL FOR

NOTED BY CESR

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.)

Surveyor to Lloyd's Register of Shipping

A. Hartingford.

Date of Committee 10.65. Minute

TUESDAY 21 SEP 1965

Deferred for sp. csm
 Subjeiv

FOR CHAIRMAN CLASSN. CITEE.

Lloyd's Register Foundation

004789-004798-0237

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

7E items entered

Exhaust steam
20 turbines (with
recip. eng.)

22 Steam
compressors

24 Clutches & hyd-
raulic couplings

26 Steam
re-heaters

28 De-super-
heaters

30 Stop & manoeuv-
ring 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

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)

36 Essential independent pumps

Aft main engine combined piston cooling and jacket
cooling pump. 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

53 Windlass

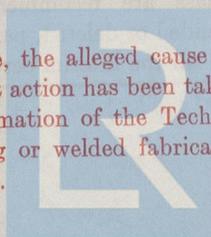
Identify
by
position

AUXILIARY ENGINES

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Minor wear and tear repairs carried out.

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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