

Rpt. 9A

REPORT OF MACHINERY SURVEYS AND REPAIRS

(ENGINES AND AUXILIARIES)

Received London

-7. MAR. 1963

Ship's Name ~~MS~~ "LAIRDSBANK"

Gross tons 789

Is there a rpt. 8? Yes

Port Glasgow

Rpt. No. 94308.

No. of visits 2

First date 7.2.63

Last date 12.2.63

Interim Cert. issued & copy herewith? Yes

Damage rpt. issued & copy herewith? No

Last rpt. (H.Q. only)

Date of completing rpt. 19.2.63

Surveyed at, if different from Port above Ardrossan

Is a rpt. 9B attached? Yes

MN 280

Nature of survey Dkg. T.S. (p) & C.S.

Survey fees

Damage fee

Expenses £1.--.

C.S. £35.--.

T.S. £3.--.

S.A. fee

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

1 Cyls., covers, pistons & rods No. 1 and 2 Good P  
2 Valves & gears No. 1 and 2 Good P  
3 Con. rods, top ends & guides centre No. 1 and 2 Good P  
4 Crankpins & bearings centre No. 1 and 2 Good P  
5 Journals & bearings No. 2 Good P

SMAK

SMAK

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

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

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)

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

17 Reduction gearing  
18 Scavenge blowers Port Good (including gears) 19 Superchargers

I recommend that the machinery of this ship remain as classed with/without fresh record of T.S. (O.G.) p. 12/63 now and C.S. (with date) on completion of the survey subject to the port main engine scavenge blower idler gear wheel being re-examined and dealt with as necessary by Feb., 1964 (12 month limit).

(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 GLASGOW - 5 MAR 1963

Minute As now, subject (M) ISO G(P) 2.63.

Surveyor to Lloyd's Register of Shipping

(G. BOYTER)

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

State  
Port P. or  
Starboard S.

Crankcase doors & explosion relief devices	34	Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)	35
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36 Essential independent pumps Bilge (stard.) good

Bilge, ballast & oil fuel suction lines, fittings & controls	37	Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?	38
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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

Good

Identify  
by  
position

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?

Evaporators  
49 HP & LP

50 Distillers

51 Fire extinguishing arrangements

Steering  
52 machinery

53 Windlass

AUXILIARY ENGINES Diesel driving stard. fwd. dynamo - Good

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

Minor wear and tear repairs effected.

Subject of Class Idler wheel in spur gear train driving port main engine scavenge pump was found worn and spread in way of teeth. It is considered safe meantime but a further examination is recommended as over.

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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