

Rpt. 9

Date of writing report 7: 5: 57

Survey held at BUCKIE

Received London 15 MAY 1957

No. of visits 2

Port ABERDEEN

No. 24134

First date 30:4: 57

Last date 4: 5: 57

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 56725 S.S. Name "COLUMBINE"

Owners Hay & Co (Lerwick) Ltd.

Managers W. N. Lindsay Ltd.

Gross tons 347 Date of build 1934 - 6

Engines made 1934 By Aitchison, Blair Ltd.

Port of Registry Lerwick

No. of Main Engines 1 No. of Screws 1

Type 3 Cyl Tr. Exp.

No. of Main Boilers 1 SB W.P. 205

Records of Survey & Special Notations as per Register Book

No. of Aux. Donkey Boilers W.P.

Surveyed Afloat or in Dry Dock Both

Nature of Survey DKG - B.S.

Was Damage Report issued? no Int. Cert.? yes

Last Report (For Head Office only)

Hull	Machinery
+ 100AL. 12 - 56	+ L.M.C. 4 - 55
S.S. Bck. 4 - 55	E.S. 4 - 56
	M.B.S. 12 - 56
	T.S. C.L. 3 - 55
N.S.	Sps
	N.D.

The condition of any of the following items is to be described as "good" only when the part 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 it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus + should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; 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.

DOCKING Propellers Good Wear Down of Stern Bushes 1/16" Oil Glands Sea Connections

Fastenings Good Has Screwshaft/Tubeshaft been drawn? no Date of Examination Has Shaft been changed?

Has Shaft now fitted been previously used? Has Shaft now examined/fitted a continuous liner? Approved oil gland?

MAIN ENGINES (Recip. Steam or I.C.)

PORT

STARBOARD

1 Cyls., Covers, Pistons & Rods

2 Valves & Gears

3 Connecting Rods, Top Ends & Guides Side Centre

4 Crankpins & Bearings Side Centre

5 Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods

7 Connecting Rods & Top Ends

8 Crankpins & Bearings

9 Journals & Bearings

10 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons & Rods

12 Connecting Rods & Top Ends

13 Crankpins & Bearings

14 Journals & Bearings

15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS

This vessel's machinery, so far as now seen, is eligible in my opinion to remain as now classed in the Register Book and to have fresh record Main Boiler Survey 5 - 57.

Date of Committee

Decision

MBS

5. 57

Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register Foundation

002846-002852-0030



32 Essential Independent Pumps (Identify by position).....

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls.....

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?.....

35 Fresh Water Coolers..... 36 Lub. Oil Coolers..... 37 Heaters (state service).....

38 Independent Air Compressors, Coolers & Safety Devices.....

39 Air Receivers & Safety devices—Main..... 40 Auxiliary.....

41 Oil Fuel Tanks (Not forming part of hull structure).....

42 Evaporators..... 43 Have Evaporator Safety Valves been tested under steam?.....

44 Steering Machinery..... 45 Windlass..... 46 Fire Extinguishing Arrangements.....

AUXILIARY ENGINES (Identify by position).....

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD		AUXILIARY EQUIPMENT
a Generators.....			l Generators & Governors.....
b Exciters.....			m Motors.....
c Air Coolers.....			n Switchboards & Fittings.....
d Motors.....			o Circuit Breakers.....
e Air Coolers.....			p Cables.....
f Control Gear, Cables, etc.....			q Insulation Resistance.....
g Insulation Resistance.....			r Steering Gear Generators and Motors.....
h Insulating Oil Test.....			s Navigation Light Indicators.....
i Overspeed Governors.....			
j Magnetic Couplings.....			
k Air Gap.....			

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN Good - 30- 4 - 57

AUXILIARY, DONKEY or PRESS.....

Superheaters.....

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to { Sat. 205 lbs / sq "

{ Spt.

Boiler Securing Arrangements Good

Main Economisers..... Exhaust Gas Heated Economisers.....

Steam Heated Steam Generators..... Steam Generator Safety Valves Adjusted to.....

Were Oil Burning System & Remote Controls examined working in accordance with Rules?..... Forced Circulating Pumps.....

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?..... Funnel Now renewed.

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main..... Auxiliary (over 3 in. bore).....

Were Copper Pipes annealed?..... Have Saturated Pipes in cylindrical boiler smoke boxes been tested?.....

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

W & T. Repairs.

Centre furnace gourlay neck found grooved for approx. 18" long at bottom; grooving now veed out and E.W.

One c.c. shell stay renewed. Funnel renewed.

Condition of Class. Windlass bedplate renewed; see also Report 8.

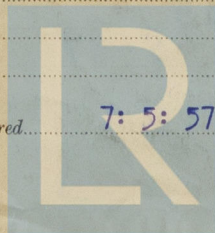
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Survey fees ... B. S. £ 7: -: -

Repair Damage fee ... 3: -: -

Expenses... ... 6: 10: -

Date when A/c rendered... 7: 5: 57.



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21 MAY 1957

M/S notes