

Rpt. 9

Date of writing report 31.1.58

Received London

12 FEB 1958

Survey held at IRVINE

No. of visits 2

Port GLASGOW

No. 88107

First date 13.1.58

Last date 16.1.58

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 06830 S.S.

Name M.V.

CLYDEBRAE

Owners HUGH CRAIG & CO LTD

Managers

Gross tons 530

Date of build 1891-12

Engines made 1918

By

DOUGLAS & GRANT LTD.

Port of Registry BELFAST

No. of Main Engines 1

No. of Screws 1

Type T.S.G. 14 1/4" x 23 1/2" x 27"

No. of Main Boilers 1

S.B.

W.P. 180 LBS

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

M.B.S. E.S. & DOCKING

Was Damage Report issued?

No

Int. Cert.?

YES

Last Report (For Head Office only)

Hull	Machinery
+100 A1	+ LNC.
9.56	10.53
S.S. (D) 5.45 IRV.	MBS
10.53	9.56
	T.S.C.L.
	9.55
	S.P.S.
	8.52
1 dk (rotation) will dk. in framing	+ NB made 06 fitted 8/18.

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

Oil Glands

Sea Connections

Fastenings

GOOD

Has Screwshaft/Tubshaft 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

1 Cyls., Covers, Pistons & Rods

H.P. I.P. & L.P. - GOOD

2 Valves & Gears

H.P. I.P. & L.P. - GOOD

3 Connecting Rods, Top Ends & Guides

Side

H.P. I.P. & L.P. - GOOD

4 Crankpins & Bearings

Side

† H.P. I.P. & L.P. - GOOD

5 Journals & Bearings

H.P. I.P. & L.P. - GOOD

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods

7 Connecting Rods & Top Ends

8 Crankpins & Bearings

9 Journals & Bearings

10 Couplers & 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

GOOD

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

GOOD

26 CONDENSERS (MAIN & AUX.)

GOOD

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

GOOD

30 MAIN ENGINE DRIVEN PUMPS

† GOOD

31 CRANKCASE DOORS & EXPLOSION-RELIEF DEVICES

Have Main Engines been tested working and manœuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this vessel, so far as now seen, is in satisfactory working condition and eligible, in my opinion, to remain as classed with fresh record of E.S. 1.58, and M.B.S. 1.58 when the survey has been completed subject to all repairs being carried out before vessel is put into service.

Date of Committee

GLASGOW 11 FEB 1958

Decision

to be broken up

J.M.

30m, 6.55. T. (MADE AND PRINTED IN ENGLAND.)

G. J. Mickle © 2020
Engineer Surveyor to Lloyd's Register of ShippingNoted
for
HeaderLloyd's Register
Foundation

002846-002852-0063 12

Has a Survey also been held on Ship?
If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent

32 Essential Independent Pumps (Identify by position) BALLAST, DONKEY FEED PUMP - GOOD

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

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

35 Fresh Water Coolers 36 Lab. 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 GOOD 45 Windlass GOOD 46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position)

PROPULSION	PORT	STARBOARD	ELECTRICAL EQUIPMENT	AUXILIARY EQUIPMENT
Generators			Generators & Governors	
Exciters			Motors	
Air Coolers			Switchboards & Fittings	
Motors			Circuit Breakers	
Air Coolers			Cables	
Control Gear, Cables, etc.			Insulation Resistance	
Insulation Resistance			Steering Gear Generators and Motors	
Insulating Oil Test			Navigation Light Indicators	
Overspeed Governors				
Magnetic Couplings				
Air Gap				

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

MAIN 1 GOOD 13.1.58 AUXILIARY, DONKEY or PRESS

Superheaters

Safety Valves GOOD

Mountings, Doors & Fastenings 1 GOOD

Safety Valves Adjusted to Sat. 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 EFFICIENT

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)

1 The Owner's Representative states that no repairs will be carried out as the vessel is now being scrapped.

Repairs: Main Boiler Pitting and wasting on front end plate at bottom to be re-installed by electric welding.

Front rivets in circumferential seam (front) at bottom to be re-new.

Existing welding on knuckle of boiler in area of bottom port manhole door to be cut out and re-welded.

Bottom Port manhole door opening to be built up by electric welding and manhole door to be similarly treated.

Port Furnace: Plain tubes in area of 3rd row down from top and 9th row from star to be re-newed.

Centre Furnace: Bottom section (area approx 5'0" x 2'0") to be cut out and new port furnace to fit.

Some neck port & star top quarters to be clipped to bare metal and re-installed to original thickness by electric welding.

Existing welded hull on close plate between furnace ring/and.

E.S. 221-0-0 ✓
Survey fees
PART MBS 18-0-0 ✓

Damage fee

Expenses... 10-15-0

Date when A/c rendered 17.1.1958

Rpt-2a Cont. Sheet

Port of Glasgow.

Continuation of Ship/Mchy. Report No. 46107 dated 31/1/58.

on the

on the S.S. CLYDEBRAE

/and wrapper plate to be cut out and re-welded port and star sides, above close plate to be clipped to bare metal and re-installed to original thickness by electric welding, all rivets in this area to be removed and re-riveted on completion of welding.

Existing welding on water side of wrapper plate, port & star, to be cut out and re-welded.

Star Furnace: Furnace government where ground to be cut out and welded. Two bottom tubes in smoke box to be re-new.

Main Engine Repairs: No 1 Main journal bearing to be re-metal.

Main Engine Driven Pumps Repairs:

Circulating Pump: New pump bucket to fit, bucket rod to machine and new nut and gland bushes to fit.

Feed Pump: Two new rams to fit, new nut and gland bushes to supply.

Bilge Pump: Rams to machine, new nut & gland bushes to fit.

Oil Pump: Pump rod to machine, new nut & gland bushes to fit.

Ambulance Repair

Condenser: Two tubes to be re-new.

General Service Pump: Piston and bucket rods to machine, new nut and gland bushes to fit.

Donkey Feed Pump: Piston and bucket rods to machine, new nut & gland bushes to fit.

Steering Engine: Brankshaft to be lined up on inside journals, two main bearings to be re-new, 1 top end pin to be re-new, rod pieces on control valve to machine and re-fit.