

29 DEC 1956

Rpt. 9

Date of writing report 13.12.56

Received London

Port SOUTHAMPTON

No. 23975

Survey held at SOUTHAMPTON

No. of visits 5

First date 5.12.56

Last date 12.12.56

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 55337 Name M.V. 'CAPETOWN CASTLE' Gross tons 27002 Date of build 4-1938

Owners UNION - CASTLE MAIL S.S. CO LTD

Managers

Port of Registry LONDON

Engines made 1938 By HARLAND & WOLFE LTD

Type 2DA B2W 10CY

No. of Main Engines 2 No. of Screws 2

Records of Survey & Special Notations as per Register Book

No. of Main Boilers - W.P. -

No. of Aux./Donkey Boilers 4 W.P. 10015

Surveyed Afloat or in Dry Dock BOTH

Nature of Survey DOCKING, TS, CS

Was Damage Report issued? ✓ Int. Cert.? YES

Last Report (For Head Office only)

Hull		Machinery	
+100A1	6.56	+LMC. CS.	11.51
with freeboard		DBS	2.56
SS (P) Sea	6.51	TS. CL P&S	2.53
AS (P)	12.54		

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 **P = .053" S = .060"** Oil Glands **✓** DISCHARGES **GOOD**
 Fastenings **GOOD** Has Screwshaft/Tubeshaft been drawn? **YES** Date of Examination **5.12.56** Sea Connections **NO**
 Has Shaft now fitted been previously used? **✓** Has Shaft now examined/fitted a continuous liner? **YES** Approved oil gland? **✓**

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

1 Cyls., Covers, Pistons & Rods **Nº4 - GOOD** **Nº6 - GOOD**
 2 Valves & Gears **Nº4 - GOOD** **Nº6 - GOOD**
 3 Connecting Rods, Top Ends & Guides { Side **Nº4 - GOOD** **Nº6 - GOOD**
 Centre
 4 Crankpins & Bearings { Side **Nº4 - GOOD**
 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

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

16 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 **AFT - GOOD** **AFT - GOOD**

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

The machinery of this vessel so far as now seen is in safe working order & eligible in my opinion to remain as classed with fresh record of +LMC. CS (with date) when the survey has been completed & TS. CL P&S 12.56 now, subject to starboard main engine crankpins & journals of Nºs 1 & 2 units being again re-examined before the end of February 1957

Date of Committee

Decision

THURSDAY - 7 FEB 1957

Bon 5 12.56

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

CERTIFICATE WRITTEN



Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register Foundation

015348-015354-0018 1/2

If certificate is required state where to be sent

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	PORT	STARBOARD	ELECTRICAL EQUIPMENT	AUXILIARY EQUIPMENT
a Generators.....				1 Generators & Governors.....
b Exciters.....				2 Motors.....
c Air Coolers.....				3 Switchboards & Fittings.....
d Motors.....				4 Circuit Breakers.....
e Air Coolers.....				5 Cables.....
f Control Gear, Cables, etc.....				6 Insulation Resistance.....
g Insulation Resistance.....				7 Steering Gear Generators and Motors.....
h Insulating Oil Test.....				8 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	AUXILIARY, DONKEY or PRESS
Superheaters.....	
Safety Valves.....	
Mountings, Doors & Fastenings.....	
Safety Valves Adjusted to Sat.....	
Spt.....	
Boiler Securing Arrangements.....	
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.....

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)

COMPRESSOR INTERCOOLERS EXAMINED AND L.P.

RE-TUBED.

SRL Starboard main engine N° 12 2 crankpin and journals re-examined at this time and found to remain efficient. No movement noted. It is recommended that this item be re-examined before the end of February 1957.

N° 1 Diesel generator examined running all in good order it is recommended that this item be re-moved from SRL list.

REPAIRS Two propellers replaced due to wastage at tips. New propellers marked:- Reg. N° 476

P 941 & 2 spars
Z. 73

SEE FOLLOWER N° 1

Survey fees

Damage fee

Expenses... ..

Date when A/c rendered.....

Rpt. 9a

Port of SOUTHAMPTON

Continuation of Report No. 23975 dated 13.12.56

on the

FOLLOWER N° 1

M.V. 'CAPETOWN CASTLE'

Reg N° 4754

S. 941 & 2

V 857

These propellers are spares for the 'Athlone Castle'.

N° 4 port & N° 6 starboard lines replaced due to fracture, piston rods replaced due to fracture in way threads of crosshead nuts also crosshead bearing replaced by ship's spares.

X. E. E. E.

LEAVE THIS SPACE BLANK



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