

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

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

Received London

-3. MAY 1965

Ship's Name ~~MS~~ "COPTIC" LR507934

Gross tons 8,930

Port of Registry SOUTHAMPTON

Port DUNEDIN N.Z.

Date of build 7/1928

Is there a rpt. 8? No

Rpt. No. 7170

No. of visits One

First date and

Last date 15/4/65

Interim Cert. issued & copy herewith? Yes

Damage rpt. issued & copy herewith? --

Last rpt. (H.Q. only) FRK 4156

Date of completing rpt. 21/4/65

Surveyed at, if different from Port above Bluff

Is a rpt. 9B attached? No

MN 2020

Nature of survey Windlass repairs

Survey fees £8-0-0

Damage fee --

Expenses £2-10-0

Toll Call 10-0

S.A. fee --

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 ~~XXX~~/without fresh record of survey and subject to conditions attached to vessels class as previously recommended.

ALSO FOR

SPL FOR

NOTED BY TRO CESR

SRL

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.)

H.R. McStay. A. Petro Stay  
Surveyor to Lloyd's Register of Shipping

Date of Committee

TUESDAY 18 MAY 1965

Minute

Deferred for cp. csur. Att

FOR CHAIRMAN CLASSN. C. TEE

Lloyd's Register Foundation

004411-004417-0060

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 subject 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



Exhaust steam turbines (with recip. eng.)  
20  
Steam compressors  
22  
Clutches & hydraulic couplings  
24  
Steam re-heaters  
26  
De-superheaters  
28  
Stop & manoeuvring valves  
30  
Main engine driven pumps  
33

Thrust blocks  
21 shafts & bearings  
Intermediate shafts & bearings  
23  
Condensers (main & aux.)  
25  
Air ejectors (main & aux.)  
27  
Forced &/or induced draught fans  
29  
Holding down bolts & chocks  
31

Detuner or vibration damper  
32

Crankcase doors & explosion relief devices  
34

Essential independent pumps  
36

35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)

Bilge, ballast & oil fuel suction lines, fittings & controls  
37

Fresh water coolers  
39

Heaters (state service)  
41

Auxiliary air receivers & safety devices  
43

Main air receivers & safety devices  
45

Independent air compressors coolers & safety devices  
46

Oil fuel tanks (not forming part of the hull structure)  
47

Have all evaporators safety valves been tested under steam?  
48

Fire extinguishing arrangements  
51

38 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?

Lub. oil coolers  
40

Feed water filters  
42

Starting air pipes  
44

Evaporators  
49 HP & LP

Distillers  
50

Steering machinery  
52

Windlass  
53

## AUXILIARY ENGINES

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

On vessels arrival at Port of Bluff the anchor was "dropped" and on attempting to raise again the Windlass was stated to have failed. Investigation revealed the shearing of clutch plate dogs (ie 4 dogs on each of two plates). New inserts 8 off fitted and electrically welded in position.

Windlass subsequently tested in operation both anchors simultaneously and proved satisfactory.

It is accordingly recommended that for future guidance a notation be recorded in the Appendix "Windlass clutch plate dogs all welded 4/65".

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.

State  
Port P. or  
Starboard S.

Identify  
by  
position