

Rpt. 9A

REPORT OF MACHINERY SURVEYS AND REPAIRS (Engines and Auxiliaries)
FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Received London

12 OCT 1967

Ship's Name ~~SS~~MS "HOTUNUI"

Port Auckland

Processing Number: LR 515557

Gross tons 594

Rpt. No. 130754

Port of Registry Auckland

Date of build 1949

Is there a rpt. 8? No

No. of visits 1

First date 3/10/67

Last date 3/10/67

Interim Cert. issued & copy herewith? Yes

Damage rpt. issued and copy herewith? No

Last rpt. (H.Q. only)

Auk 1368

Date of completing rpt. 6/10/67

Surveyed at, if different from Port above -

Is a rpt. 9B attached? No

MN

Nature of survey Cond. of Class (M)

Survey fees \$16.00

Damage fee

Expenses \$1.80

S.A. fee

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

1 Cyls., covers, pistons, rods, valves & gears

2 Con. rods, crossheads, bearings & guides Side

3 Crankpins (incl. eccentrics) & bearings Centre Side

Centre

4 Crankshaft journals & bearings

5 Detuner or vibration damper

MAIN ENGINE DRIVEN SCAVENGE PUMPS AND/OR AIR COMPRESSORS (delete as applicable)

6 Cyls., covers, pistons & rods

7 Con. rods, crossheads, bearings & guides

8 Crankpins & bearings

9 Journals & bearings

10 Levers, links & bearings

11 Coolers & safety devices

12 Scavenge blowers & superchargers

13 Air coolers

14 Crankcase & scavenge doors & explosion relief devices

MAIN TURBINES

15 Casings, rotors, blading, bearings, thrusts & couplings

16 Astern turbine

I declare that the items detailed in this report (except as stated otherwise) comply with the requirements of the Merchant Shipping (Cargo Ship Construction and Survey) Rules 1965, applicable to this ship and are in all respects satisfactory for the service on which the ship is intended to ply, namely, International voyages/voyages within the limits

(The above declaration applies to sea-going cargo ships of 500 tons gross and above registered in the U.K.)

I recommend that the machinery of this ship remain as classed ~~xxx~~ without fresh record of survey, and

without Condition of Class respecting the Main Engine No 1 Crankpin and Bearing, but subject to any outstanding conditions of class being dealt with as previously recommended.

(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

Minute

D.F. Edwards
Surveyor to Lloyd's Register of Shipping

D.F. Edwards.

MONDAY 6 - NOV 1967

As now subject.

Lloyd's Register
FOR CHAIRMAN
CLASSN. CITEE

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

010631-010639-0225 1/2

are to be cancelled; this need not be done when the machinery is on a continuous survey basis. When any part has been hydraulically tested the pressure should be stated. Engine parts when referred to by numbers should be counted from forward.

that date a distinguishing mark [†] should be inserted against the item and the circumstances and action taken or recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship

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 re-examination or repairs should be made before

20 OCT 1967

MAIN REDUCTION GEARING

| | | |
|--|--|-------------------------|
| 17 Pinions & wheels | 18 Shafts, bearings & couplings | |
| 19 Exhaust steam turbines (with recip. eng.) | 20 Thrust blocks, shafts & bearings | |
| 21 M.E. steam compressors | 22 Intermediate shafts & bearings | |
| 23 Clutches & hydraulic couplings | 24 Steam re-heaters | |
| 25 De-superheaters | 26 Forced &/or induced draught fans | |
| 27 Stop & manoeuvring valves | 28 Holding down bolts & chocks | |
| 29 Main engine driven pumps (Including fuel injection) | | |
| 30 Condensers (main & aux.) | 31 Air ejectors (main & aux.) | |
| 32 Have main engines been examined working & manoeuvring? | | |
| 33 Essential independent pumps | | |
| 34 Bilge, ballast & oil fuel suction lines, fittings & controls | 35 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary? | |
| 36 Fresh water coolers | 37 Lub. oil coolers | |
| 38 Heaters & safety devices including de-aerator (state service) | 39 Pressure feed water filters | |
| 40 Auxiliary air receivers & safety devices | 41 Starting air pipes | |
| 42 Main air receivers & safety devices | | |
| 43 Independent air compressors, coolers & safety devices | 44 Oil fuel tanks (not forming part of the hull structure) | |
| 45 Have all evaporators safety valves been tested under steam? | 46 Evaporators | 47 Distillers |
| 48 Steering machinery | 49 Windlass | 50 Machinery spare gear |

State Port P. or Starboard S.

Identify by position

AUXILIARY ENGINES

DOCKING

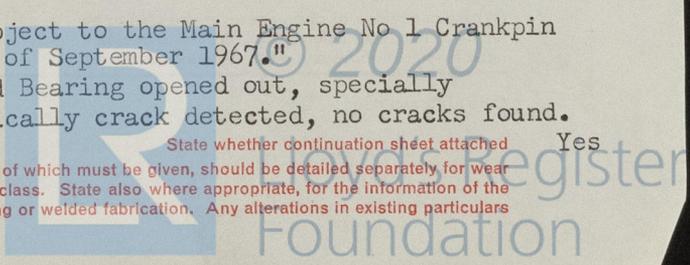
| | | |
|---|-----------------|---|
| Propeller | Sea connections | Oil gland |
| Fastenings & gratings | | Clearance in stern bush (if relined state clearance before & after) |
| Has screw/tube shaft been drawn? | | Date of examining shaft & condition |
| Has shaft been changed? | | Has shaft now fitted been previously used? |
| Has shaft now examined/fitted a continuous liner? | | Approved oil gland |

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

CONDITION OF CLASS: Auckland Report No 13687 "subject to the Main Engine No 1 Crankpin and bearing being specially examined before the end of September 1967."
Now Done: Main Engine No 1 Crankpin and Bearing opened out, specially examined and found in order. No 1 Crankpin magnetically crack detected, no cracks found.

State whether continuation sheet attached Yes

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 for 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 be reported above.



Ship's Name ~~SS~~MS "HOTUNUI"

Port Auckland

Rpt. No. 13,754

Condition of Class continued:-

It is therefore submitted that the Condition of Class in respect of this item could now be deleted from the Vessel's record.

SRL No 275. Nothing done.

SRL APPENDIX No 20. Nil.

D.F. Edwards
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D.F. Edwards.

Surveyor to LLOYDS Register of Shipping.

