

Rpt. 9A

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

Received London

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

Port Auckland

Processing
Number: LR 515557

Gross tons 594

Rpt. No. 13754

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? YesDamage rpt. issued
and copy herewith? No

Last rpt. (H.Q. only)

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 Side
- Centre
- 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
- 8 Crankpins &
bearings
- 10 Levers, links &
bearings

- 7 Con. rods, crossheads,
bearings & guides
- 9 Journals &
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 ~~with~~ 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

Surveyor to Lloyd's Register of Shipping

D.F. Edwards.

MONDAY 6 - NOV 1967

As now subject.

FOR CHAIRMAN
CLASSN. CITEE

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

010631-010639-0225 1/2

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 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.

