

Received London
29. APR. 1963

Ship's Name ~~SS~~/MS "CHARLES H. MACKAY" Gross tons 799

Is there a rpt. 8? Yes Port Melbourne Rpt. No. 20436

No. of visits Two First date 19.9.62 Last date 9.4.63

Interim Cert. issued & copy herewith? No Damage rpt. issued & copy herewith? No Last rpt. (H.Q. only)

Date of completing rpt. 24.4.63 Surveyed at, if different from Port above -

Is a rpt. 9A attached? No MN - Nature of survey Screw Shaft

Survey fees Nil Damage fee - Expenses -

S.A. fee -

DOCKING

Propeller Good Sea connections - Oil gland Good

Fastenings - Wear down of stern bush -

Has screw shaft been drawn? Yes Date of examn. 19.9.62

Has shaft been changed? No Has shaft now fitted been previously used? -

Has shaft now examined/fitted a continuous liner? No Approved oil gland? Yes

BOILERS OPENED UP AND EXAMINED. (Identify by position and state latest date of internal examination of AUXILIARY, DONKEY OR PRESS (State if oil fired—OF or exhaust gas—EG. MAIN each boiler.)

Air heaters

Superheaters

Safety valves

Mountings, doors and fastenings

Safety valves adjusted to { Sat Spt

Boiler securing arrangements

Main economisers

Steam heated steam generators

Forced circulating pumps

Exhaust gas heated economisers

Steam generator safety valves adjusted to

Funnel

Have saturated steam pipes in cylindrical boiler smoke boxes been examined as required by the Rules

Were oil burning system & remote controls examined in accordance with rules?

I recommend that the machinery of this ship remain as classed with/without fresh record of

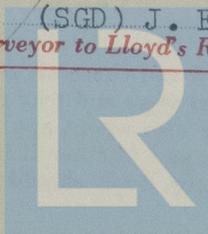
(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

Date of Committee

Minute

See Rpt. 1.

F. O. Rath
(SGD) J. E. North.
Surveyor to Lloyd's Register of Shipping



Lloyd's Register Foundation

012129-012141-0037

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| ALSO FOR |
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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.

series against the item and circumstances and action taken or recommended described

to be acceptable until the due date of the next Periodical Examination. Where repairs have

EXAMINATION AND TESTING OF STEAM PIPES (state material)

**MAIN
 AUXILIARY
 (over 3" bore)**

Have saturated pipes in cylindrical boiler smoke boxes been tested?
 Were selected copper pipes annealed?

ELECTRICAL EQUIPMENT

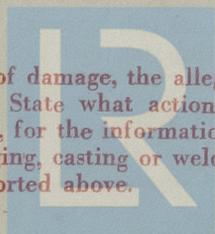
| PROPULSION (State Port—P, or Starboard—S) | | AUXILIARY | |
|--|---------------------------|-----------------|-----------------------------------|
| Total kW or kVA | | Total kW or kVA | |
| a | Generators | l | Generators & governors |
| b | Exciters | | |
| c | Air coolers | m | Motors |
| d | Motors | | |
| e | Air coolers | n | Switchboards & fittings |
| f | Control gear cables, etc. | o | Circuit breakers |
| g | Insulation resistance | p | Cables |
| h | Insulating oil test | q | Insulation resistance |
| i | Overspeed governors | r | Steering gear generators & motors |
| j | Magnetic couplings | s | Navigation light indicators |
| k | Air gap | | |

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

In consequence of the stern gland overheating and requiring continual application of water cooling, the screw shaft drawn inboard examined and found slightly scored in way of the forward bush.

An examination of the stern tube revealed the presence of foreign matter (machining swarf and weld slag) in the cavity between the inner and outer bush, also the inner bush was found to be heavily scored and damaged. As recommended and now done:- the inner stern bush renewed, the outer stern bush dressed up at the forward end as necessary, the screw shaft dressed up and all now good.

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 be reported above.



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