

# REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

(Received at London Office)

Date of writing Report **2<sup>ND</sup> AUGUST 1954** When handed in at Local Office **5.8.54** Port of **GLASGOW** **11 AUG 1954**

No in Reg. Book. Survey held at **GLASGOW** Date. First Survey **22<sup>ND</sup> JUNE** Last Survey **6<sup>TH</sup> JULY 1954** (No. of Visits **THREE**)

on the Machinery of the ~~Wood, Iron or Steel~~ **CANBERRA (EX ADMIRAL FRASER)**

Tonnage { Gross **2330** Vessel built at **SUNDERLAND** By whom **W. PICKERSGILL & SONS LTD,** Year. Month. **1948 10**  
Net **1127** Engines made at **do** By whom **N.E. MARINE ENG. CO., (1936) LTD** When **1948**

MN **366** Boilers, when made (Main) **1948** (Donkey) **L** Owners **AUSTRALASIAN UNITED STR. NAV. CO. LTD** Owners' Address **L**

No. of Main Boilers **238 9/11** Managers **do.** Port **LONDON** Voyage

No. of Donkey Boilers **L** If Surveyed Afloat or in Dry Dock **AFLOAT & DRY DOCK** (State name of Dock.) **ELDERSLIE DRY DOCK & QUAY,**

Main Boilers **220 2/6** Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Donkey Boilers **L** Report No. Port

Particulars of Examination and Repairs (if any) **DOCKING & NEW INSTALLATION,**

Medical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides details in the body of the report, should be briefly summarised at the end of the report. State also the dates and names of any letters respecting this case.

Where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined.

Has a damage report made by anyone else? If so, by whom?

Has the Surveyor personally go inside each Main Boiler separately and make a through examination at this time?

Has the Surveyor personally go inside each Donkey Boiler separately and make a through examination at this time?

What parts of the Boilers could not be thus thoroughly examined?

What special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler?

What is the latest date of internal examination of each boiler? Present condition of funnel **EFFICIENT**

Has the Surveyor examine the Safety Valves of the Main Boilers? To what pressure were they afterwards adjusted under steam?

Has the Surveyor examine the Safety Valves of the Donkey Boilers? To what pressure were they afterwards adjusted under steam?

Has the Surveyor examine all the manholes, doors, and their fastenings of the Main Boilers? and of the Donkey Boilers?

Has the Surveyor examine the drain plugs of the Main Boilers? and of the Donkey Boilers?

Has the Surveyor examine all the mountings of the Main Boilers? and of the Donkey Boilers?

Has the screw shaft now been drawn and examined? **NO** Has it a continuous liner? Is an approved oil retaining appliance fitted at the after end?

Has the shaft now been changed? If so, state reasons. Has the shaft now fitted been previously used? Has it a continuous liner?

Is an approved oil retaining appliance fitted at the after end? State date of examination of Screw Shaft. State the wear down in the shaft bush. **1/32"** Is electric light power fitted? **yes** If so, did the Surveyor examine the generators, motors, switchgear cables and fuses? **no**

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? **not tested**

When parts, when referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.

If the survey is not complete, state what arrangements have been made for its completion and what remains to be done.

**WORK DONE FOR DOCKING + Vessel placed in dry dock, Propeller after end of stem bush & all underwater fastenings examined and found or placed in order. At this time a new tested G.M. overboard discharge valve satisfactorily fitted to ship's side (S.S.) for new diesel generating set cooling water duties.**

**NEW INSTALLATION: At this time a new auxiliary diesel engine, built under survey satisfactorily installed to drive inboard generator. Existing generator & beltplate re-fitted. Engine examined under working conditions governor tested all found satisfactory.**

**Auxiliary Engine + J & R MACLAREN LTD TYPE M2/MK2 2CYL 4.C.S.A. N° 21674**

**Lloyds Inter certificate C 21950 dated 1-6-54 issued at Leeds sighted aboard.** [P.T.O.]

General Observations, Opinion, and Recommendation:— The machinery of this vessel so far as now seen is in good order and eligible in our opinion to remain as classed without fresh record of survey.

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, BS 9,11, B&MS 9,11, LMC 9,11 or LMC 140 lb., FD, &c.)

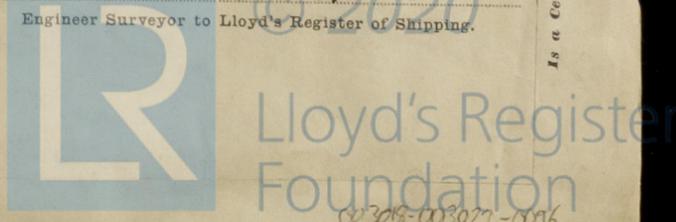
**NEW INSTALLATION.** £ 6 0 0 Fees applied for: **10 AUG 1954**

Damage or Repair Fee (if any) £ : : Received by me, **William W. Mantis**

Other expenses (if chargeable) £ - 6 - 19 **10 AUG 1954**

Committee's Minute **GLASGOW**

Classed **As now**



Insert Character of Ship and Machinery precisely as in the Register Book

NEW INSTALLATION (CONTD) - At this time "HILO" water level alarms  
satisfactorily fitted to Port + Stbd main boilers. Alarms  
examined under steam and found efficient.

GLASGOW

25th JUNE

25th JUNE

25th JUNE

GLASGOW

W. W. Mants.

(CANBERRA (EX ADMIRAL FRASER))

1948 10

W. PICKERING & SONS LTD  
N.E. MARINE ENG. CO. (1938)

BUNDESLAND

AUSTRALASIAN UNITED STEAM NAV. CO. LTD

LONDON

ARFOAT + DRY DOCK

ELDERFIELD DRY DOCK + QUAY

H. 24  
+ LMC TO +  
10. 10. 10. 10.  
C. 1. 1. 1. 1.  
2. 04

DOCKING + NEW INSTALLATION + LOCAL WORK

freight + 10. 10. 10. 10.  
H. 24  
22 June H. 24

22 June H. 24

Notes for the fine 10. 10. 10. 10. 10. 10. 10. 10.

EFFICIENT

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"

NO

yes

yes

yes

yes

NOT DONE FOR DOCKING + LEADS PLACED IN DRY DOCK. PROFILES AFTER END OF  
dry dock + all underwork fittings examined and found as placed  
in order. At this time a new boiler C.M. overhead discharge valve reworked  
fitted to No. 1 boiler (S.S.) for new boiler quantity set covering water duties.

NEW INSTALLATION - At this time a new auxiliary diesel engine, built under survey  
certificate installed to drive auxiliary generator. Existing generator  
+ boiler re-fitted. Engine examined under working conditions. Survey  
found all found satisfactory.

Underway engine + 7.5 MACCARRON LTD TYPE M/MS 204 A.S.A.  
No. 21674  
Lagos also certified C 21650 date 1-4-54 under survey certificate  
[P.T.O.]

The heading of the vessel as for an  
is in good order and efficient in our opinion to remain as classed  
with a full record of survey.

Wessie M. Mants