

(Received at London Office

26 APR 1970

Date of writing Report 24. 4. 1929 When handed in at Local Office 24. 4. 1929 Port of NEWCASTLE-ON-TYNE

No. in
eg. Book. Survey held at Wallingford Date, First Survey 26 Feb Last Survey 24. 4. 1919
(No. of Visits 24)

1441 on the Machinery of the Wood, Iron or Steel Y. & S. PORT SYDNEY

Gross 9136
 Net 5835 Vessel built at Belfast By whom Worsman Clark & Co When 1914-4

| | | | | | | | |
|---------------------|-----|---------------------------|----------|---------|----------|------|------|
| Nominal Horse Power | 949 | Engines made at | Belfast. | By whom | do | When | do |
| | | Boilers, when made (Main) | 1914 | | (Donkey) | | 1914 |

| No. of Main Boilers | 2018 | Owners | Owners' Address | (If not already recorded in Appendix to Register Book.) |
|---------------------|------|---------------|-----------------|---|
| 2002 | 25 | Dominica Lino | | |

If Surveyed Afloat or in Dry Dock Luan Chai Bay Particulars of Classification (which must be inserted under Deck & Superstructure).

| | | | | |
|-------------------|------------------------|-----------------------|--------|--|
| in Donkey Boilers | | (State name of Dock.) | afloat | precisely as in Register Book & Supplement. |
| CHARACTER. | 24 for Special Survey. | Date of 1896 Survey. | 28 | Machinery and Boiler Surveys (including date N. R. if any) |

| | | |
|---|-------------------|--------------|
| Particulars of Examination and Repairs (if any), alterations. | +100 a. l. 22 ea. | +L.M.C. 6, 2 |
|---|-------------------|--------------|

Periodical Surveys, when held, must be reported in detail and serialim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, 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

desires being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.

offered his services for this purpose, and why they were declined? _____

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

| No. | " | Donkey | " | " | " |
|-----|---|--------|---|---|---|
| | | | | | |

if this was not done, state for what reasons? _____

and what parts of the Bidders could not be thus thoroughly examined?

Also what special means, in the absence of internal examination, were adopted by the

Did the Surveyor examine the Safety Valves of the Main Boiler? yes To what pressure were they afterwards adjusted under steam? 200 lbs per sq

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

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boiler? -

Did the Surveyor examine the drain plugs of the Main Boilers? _____, and of the Donkey Boiler? _____

_____ and of the Donkey Boiler? _____

Is any shaft now being drawn and examined? Yes One fitted with continuous liners Yes Is an approved appliance fitted at the after end of the shaft to prevent it being efficiently lubricated? -

Has shaft now been changed? yes If so, state reasons owners prefer 5 ft new shafts. Old are carried as spare

Has the shaft now fitted been previously used? no Has it a continuous liner? yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? —

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? Close, 7/8" wood.

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

1st End. Trance placed in dry-dock. Tail shafts drawn and

examined. These ships are both in good condition but the

owner superintendent has decided to fit new shafts & carry

the old one as spares.

Yaws tail shape fitted in a satisfactory manner.

| | | | | |
|------------------------|------------------|-----------------|------------------|-----------------|
| <i>Chester marked.</i> | N ^o . | <i>Hartford</i> | N ^o . | <i>7000 ft.</i> |
| | R. J. B. | | | |
| | 10-9-13 | | | |

Steam boiler renewed. Sea connections, propellers, fastenings.

examined & found in good order.

The main boilers examined in their entirety, found a sub-

into good condition & their safety valves adjusted under

General Observations, Opinion, and Recommendation:—The machinery of this
(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
any alterations required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, S.S. 911, & M.S. 911, or X L.M.C. 9

usual, as seen, is in good condition & eligible, in my opinion.

to remain as classes + to have fresh records B. S 4, 27. + Y. S 8. 1

N. 4, 29.

Form No. 100 (Rev. 1-1-66) Fees applied for: 100

Eg. Under

| | | | | | | |
|----------------------------------|------------|-------------|----|-----|----|----|
| Special Repair Fee (if any)..... | £ 127 15 3 | 26 APR 1929 | 19 | WAT | 12 | 16 |
|----------------------------------|------------|-------------|----|-----|----|----|

(per Section 29.)

Received by me, Geo. A. Tarnas

Travelling Expenses (if chargeable)..... \$ 2.25 19 24

Engineer Surveyor to Lloyd's Register of Shipping

Committee's Minute TUE. 7 MAY 1929

Assigned 4:29 P.T.O.

Prof. E. A. Smith

W 45 000

Blame 8.29 held. In the A.C. Boilers the
furnaces + part back boiler plates
renewed.

N.B.—If this Report is copied by copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

Raner wash A.P. turbines fitted.
Screw shafts changed.

It is submitted that
this vessel is eligible
THE RECORD.

Pl. 4.29.

To refine particulars add
"2 A.P. turbines with D.R."
"Gear & Hydraulic Couplings"
Amend N.H.P. to 1201.

Boat SN 4.29.

9.19
2/5/29.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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T. S. S. "PORT SYDNEY."

under steam to working pressure.

Sixteen new furnaces, saddle plates in the after double-ended boilers have been renewed.

A number of plain & stay tubes renewed.

The boilers have been tested by hydraulic pressure to 230 lbs per sq. inch & found tight & satisfactory.

The main engine crank shafts lifted & the bearings reinstalled throughout.

Shaping all relined fair.

Two new G. F. Bauer-Wach turbines have been

fitted to work in conjunction with the existing reciprocating machinery & has been fitted on

board, tried under full working conditions &

found satisfactory.

Two additional Heiss lubricating oil pumps have been fitted.

Engs. 10" x 9" x 21".

Two new steel main condensers have been built, fitted

on board the vessel & tested & found tight & satisfactory.

Edw. A. Henshaw.



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