

Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office)

20 JAN 1926

Writing Report 16th Jan 1926 When handed in at Local Office 19th Jan 1926 Port of CARDIFF
Survey held at Cardiff Date, First Survey 19th Nov Last Survey 11th Jan 1926
on the Machinery of the Wood, Iron or Steel Gr. River Taff (No. of Visits 11)
Gross 2136 Vessel built at Grangemouth By whom Greenock & Grangemouth Dry Dock 1917-9
Net 1311 Engines made at Glasgow By whom Dunsmuir & Jackson Ltd When "
228 Boilers, when made (Main) 1917 (Donkey) 1917
er } Owners Manor Line (London) Ltd Owners' Address 35-36 Mount Street Sq. Cardiff
Boilers 2 Managers E. Angel & Co. (if not already recorded in Appendix to Register Book).
Boilers 100 Hrs Voyage
Boilers 100 Hrs Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Particulars of Examination and Repairs (if any) Damage & Inc.
Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the repairs, if any, and, in detail, the nature and extent of examinations and subsequent repairs. Repairs on damage (the cause of which must be stated) should be separated from repairs due to other causes; and any detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case.
In cases where the Surveyor has not made a special damage report he is required to state whether he has performed his services for this purpose, and why they were declined Yes, not required
Damage report made by anyone else? If so, by whom? Salvage Association

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes
" " " " " Yes
If done, state for what reasons? ✓
If parts of the Boilers could not be thus thoroughly examined? ✓
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? ✓
Did Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 185 lbs
Did Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? 105 lbs
Did Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes , and of the Donkey Boiler? Yes
Did Surveyor examine the drain plugs of the Main Boilers? none , and of the Donkey Boiler? ✓
Did Surveyor examine all the mountings of the Main Boilers? Yes , and of the Donkey Boiler? Yes
Has shaft now been drawn and examined? Yes Is it fitted with continuous liner? Yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Lignum vitae
Has shaft been changed? No If so, state reasons ✓
Has shaft now fitted new? ✓ Has it a continuous liner? ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓
Is space between Lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? Lower half renewed.
If not complete, state what arrangements have been made for its completion and what remains to be done? Complete.

Vessel is stated to have grounded at Sagua on Jan 8th, also, at Savannah 25th Sept. 1925. — See Swansea reports No 16675. Philadelphia 4998. Lisbon 1539 — which now done. Propeller, stern bush and outside fastenings examined shipway. The Machinery opened up and examined, namely: — pistons, slide valves, crank, flywheel, intermediate and screw shafting, circulating feed and bilge pumps, Condenser, which was tested, cocks and valves, Bilge inspection, Steering & Winchlass, following repairs carried out for damage. Thrust shoe re-metalled. Feed pump ram re-stemmed up and new and gland bushes fitted.

Main and Donkey Boilers opened up and examined together with Safety valves and mountings. The Main boiler furnaces PTO.

1 Observations, Opinion, and Recommendation: — The Machinery of this vessel early 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, B.S. 9,11, B.S.M.S. 9,11, or L.M.C. 9,11, &c. (to be, &c.)
now in a safe working condition and in my opinion eligible retained as at present classed in The Register Book with record of L.M.C. 1.26. Screw shaft See 1.26. NDB. 1.26.

Land Top & Bilge new. vertical stiffeners new. B'line new. No cargo Battens new. Fee's Minute TUES. 26th JAN 1926
+ Lmb 1.26
Without spl. Cond
ADB 26-1000

Fees applied for

19 Jan 1926

Received by me,

13.2.1926

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation

W489-0018

Damage through grounding seen through
drum & machinery examined several small
repairs effected.

P.L. 102 due 9.25. till limit 12 min
tiller furnaces expired furnaces
needed small repairs effected & boiler
tiller Donkey boiler renewed

It is submitted that
this vessel is eligible for
THE RECORD. 71. M.C. 126 without
special restrictions

E. 1. 26.
N.D.B. 26. w.b. 1006.

25/1/26.

found to be more or less down, and out of shape, have been
cut out, and renewed. 1 Screwed Stay renewed and Sundry Stay
nuts on L. Chamber bolts removed. Stays reconnected & new nuts
fitted. Main check valve master valve spindles renewed. Port Bids.
Main check valve renewed and a new seat fitted to Main Stop valve.
All valves overhauled and ground in.
On completion of repairs the Main boilers were tested by hydraulic
pressure with satisfactory results.

The Donkey boiler furnace crown found to have collapsed 12".
A new Donkey boiler has been fitted and properly secured.
1st entry report on Donkey Boiler attached.

For I.M.B. The following has been done over and above that
carried out for damage. Auxiliary pumps. Evaporator.
Distribution valves & chests, with their pipe connections
examined. Main Steam pipes examined in position.
The Backcast Donkey pump rods & bush rings renewed. Pump Chamber
tuned up. New piston rings. Valve gear pins renewed. spindle eyes tuned up.
Lead Donkey. Piston springs renewed.
Sundry bilge & Tank suction pipes repaired

Stow

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.

Lat

Writing Report 4-12

in Survey held at

Book.

on the

made at

DR

RTICAL DONK

at

by hydraulic pressure

safety valves

the donkey boiler

th 28/32

of plating 4 1/4"

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" 17/32"

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During erecti

board vessel

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GENERAL RE

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The

on 27th Nov. 19

The

S.S. Rive

This

vers

Under

Survey Fee

Travelling F

Committee

Assigned

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Lloyd's Register

Foundation