

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

No. 7304

(Received at London Office THUR. 21 NOV 1907)

20/11/07
Survey held at Dundee
Date, First Survey 27th June Last Survey 20th Nov 1907
89 on the Machinery of the Wood, Iron or Steel S.S. PERT ex "Plover" Master The Hudson
Gross 171 Net 61 Vessel built at Bowling By whom Scott & Co When 1892-8
Engines made at Glasgow By whom Ross & Duncan When 1892-
Boilers, when made (Main) 1907 (Donkey) none
Owners R. Rix & Sons Port London Voyage Coasting
of Donkey Boilers ✓
Main Boilers 120
Donkey Boilers ✓
Surveyed Afloat or in Dry Dock West-End Dock
(State name of Dock.)

Particulars of Examination and Repairs (if any) S.S. No 3
CHARACTER. ✕ 100A1 Contemplated
Machinery and Boiler Surveys (including date of N.B., if any). ✕ LMC Contemplated

damage cases 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? ✓ also whether any damage report was made, and, if so, by whom? ✓
the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? no, New Main Boiler
Do. " Donkey " none
this was not done, state for what reasons? New Main Boiler See West Hartlepool Report No 13353
what parts of the Boilers could not be thus thoroughly examined? ✓
so 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? ✓ (Shaft Valve Ring P.V. = 1/4" : S.V. = 1/4")
the Surveyor examine the Safety Valves of the Main Boiler? yes To what pressure were they afterwards adjusted under steam? 123 lbs
the Surveyor examine the Safety Valves of Donkey Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓
the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? yes , and of the Donkey Boiler? ✓
the Surveyor examine the drain plugs of the Main Boilers? no , and of the Donkey Boiler? ✓
the Surveyor examine all the mountings of the Main Boilers? yes , and of the Donkey Boiler? ✓
screw shaft now been drawn and examined? yes Is it fitted with continuous liner? ✓ or two liners? yes or is it without liners? ✓
shaft now been changed? yes If so, state reasons Shaft fractured aft end aft liner
the shaft now fitted new? yes Has it a continuous liner? no or two liners? yes or is it without liners? ✓
state the distance between lignum vitae of stern bush and top of after bearing of screw shaft? new wood fitted in stern bush
the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Survey complete.

Vessel placed in dry dock, propeller shaft drawn in: examined, propeller, sea-cocks & valves, propeller shaft, stern tube & bush: found a circumferential fracture at aft end of aft-liner in propeller shaft; Recommend that a new propeller shaft be fitted
Examined all cylinders pistons, slide valves, pumps, condenser, discharge chests, holding down bolts, crank thrust, intermediate & tail shafts; boiler mountings & details and all either found or put in good condition: Safety valves of Main boiler adjusted & engines and boiler examined under steam and found satisfactory: Boiler staying examined & found good.
A. New main boiler (See Hpl Rpt No 13353 forwarded herewith) has now been satisfactorily fitted on board; mountings of same examined & found good: a new tail shaft fitted (See Lth Tying Report No 1906): new wood fitted in stern bush: new piston & rod fitted circulating pump: Bilge suction pipes overhauled and partly renewed & minor repairs, all on account of wear & tear: The old boiler mountings have been fitted to the new boiler.

General Observations, Opinion, and Recommendation:— The machinery of this vessel is now in a good and safe working condition and eligible in my opinion to have the notations of ✕ LMC-11.07; ✕ NB-11.07. New tail end shaft 11.07 in the Register Book.

Survey Fee (per Section 28) £ 2 10 0 Fees applied for 20 Nov 1907
Less 10% 5 0
Special Damage or Repair Fee (if any) (per Section 28.) 2 5 0
Travelling Expenses (if chargeable) £ 21 11 0
Received by me, Wm Morrison
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute FRI. 22 NOV 1907
Assigned + L.M.C. 11.07
+ N.B. 11.07
MACHINERY CERTIFICATE
WRITTEN 28.11.07
Lloyd's Register Foundation
DUN130B-0187

Reclassification

new shaft renewed
two main boiler fitted
Engines exam'd
minor repairs effected.

It is submitted that
this vessel is eligible for
THE RECORD. + L.M.C. 11.07
+ N.B. 11.07

I.S.B.
120 lb W.P.
2.75
788 # H.S.
29 # 9.S.

JHC
21.11.07

N.S. 11.07

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