

REPORT ON MACHINERY.

To. 3833 / Port of Belfast Received at London Office MON 8 DEG 1890
 No. in Survey held at Belfast Date, first Survey 1st June Last Survey 3rd Dec. 1890
 Reg. Book: Sup't. (Number of Visits) 26 Bel.
 on the Machinery of the S/S Parkmore Tons { Gross 3318
 A. Hawkett Built at Londonderry By whom built Charles J. Bigger When built 1890
 es made at Liverpool & By whom made S. Forrester & Co Ltd when made 1890
 Belfast. macSwaine & MacColl Ltd
 " made at do - By whom made do - when made 1890
 Cleoyard's
 registered Horse Power 354 Owners W. H. Johnston & Co Port belonging to Liverpool
 Indicated. 300 2000

ENGINES, &c.—

AILERS, &c.—

8-12-9
notes
J. T. H.
S. J. H.

DONKEY BOILER— Description Circular Single ended. Multi-tubular. Steel with 2 furnaces.
 Made at Liverpool by whom made S. Worcester & Co. Ltd. when made 1890 where fixed Ayr. Stockless
 Working pressure 160 lbs tested by hydraulic pressure to 320 lbs No. of Certificate 90 fire grate area 29 sq. ft. description of safety
 valves 2 Cockburn's Patent No. of safety valves 2 area of each 3.98 if fitted with easing gear Yes if steam from main boilers can
 enter the donkey boiler No diameter of donkey boiler 9'-2" length 9'-0" description of riveting 1013. 5 rivets in one per
 thickness of shell plates 13/16" diameter of rivet holes 13/16" whether punched or drilled drilled pitch of rivets 5 3/4" lap of plating 12 3/4"
 per centage of strength of joint 86 thickness of plates tube per 16 lbs 13/16" stayed by 2 1/2" iron stays 13/4" pitch and double nuts
 Diameter of furnace top 34" bottom length of furnace 6'-0" thickness of plates 5/8" description of joint Welded
 C.C. sides thickness of furnace crown plates 9/16" stayed by screw stays Steel 13/8" pitched 7 3/4" top with grating working pressure of shell by rules 164 lbs
 Working pressure of furnace by rules 162 lbs diameter of uptake ✓ thickness of plates ✓ thickness of water tubes ✓

SPARE GEAR. State the articles supplied:— one propeller, one length of crank shaft, one set of
 bolts & nuts for one con. rod; 12 coupling bolts & nuts, 2 main bearing bolt & nuts;
 6 pin ring bolts, 2 feed & 2 bilge pump valves; one pair crank pin brasses;
 air pump rod, bucket, headvalve & valves complete, piston packing rings for all
 cylinders. etc. etc.

The foregoing is a correct description,

Manufacturer.

Su letter.

General Remarks (State quality of workmanship, opinions as to class, &c.)

The machinery of this steamer was mainly constructed at Liverpool and finished and put on board at Belfast, in accordance with the enclosed approved plans of main and auxiliary boilers as amended; the rules of the Society for new machinery, and to the satisfaction of the undersigned.

The shafting when finished was examined and found free from visible defect. The main and auxiliary boilers and main steam pipes were tested, as required, to twice the working pressure and showed no signs of weakness, or leakage and the material and workmanship throughout were good & satisfactory.

The main and auxiliary engines were tried under steam at full speed and gave entire satisfaction, and the safety valves were adjusted on all boilers to 160 lbs. working pressure.

I am of opinion that the machinery merits the special notification +L.M.C. 12-90 and respectfully recommend that the same be granted and recorded in the Reg. Bks.

Note.

The electric light is fitted throughout this vessel on the "single wire" principle (double wires in way of compasses) and the requirements of circular N° 483 complied with as far as practicable.

It is submitted that this vessel is eligible to have +L.M.C. 12-90 recorded

N.A.

8-12-90

The amount of Entry Fee £ 3 : 0 : 0 received by me,

Special £ 37: 14: 0

Donkey Boiler Fee £ 1: 0: 0

Certificate (if required) £ 8rato: 3/- 18/-

To be sent as per margin.

(Travelling Expenses, if any, £)

90/-
5/-

James Ellastor

Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute TUES 9 DEG 1890

FRI 12 DEG 1890

+ Lmbs 12/90

