

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

No. 8 Date of Writing Report 22<sup>nd</sup> Aug 1889 Port of London  
 No. in Reg. Book. 89 Survey held at London Date, first Survey June 24 Last Survey 21 Aug 1889  
 on the Machinery of the S. S. Paradise Master Cook No. of Visits 9  
 Tonnage { Gross 603 Net 381 Vessel built at London By whom Gov. H. Ld. Co When 1883 (Donkey)  
 Registered Horse Power 98 Engines made at Lundland When 1877 Boilers, when made (Main) 1885  
 No. of Main Boilers 1 Owners M. France Port London Voyage  
 Steam Pressure in Main Boilers 45 If Surveyed Afloat or in Dry Dock Atchters Class of Vessel & Machinery  
 in Donkey Boiler 45 (State name of Dock.) 100 A1-11-84

Last Survey No. LMC 10-84 Port London

Particulars of Examination and Repairs (if any) Damage by collision & sinking  
 (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 should be separated from  
 Repairs due to other causes. State also the dates and initials of any letters respecting this case 22 Nov-84

Did the Surveyor personally go inside each Boiler separately (including the Donkey Boiler, if any), and make a thorough examination at this time? LMC 2-84  
 If this was not done, state for what reasons?

And what parts of the Boilers could not be thus thoroughly examined?

Also 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?

This vessel having been sunk recommended the whole of the working parts to be taken to pieces, low pressure gun i.e. cracked, new one now fitted. Examined main boiler furnaces Examined cylinders, pistons, slides, condenser, crankshaft pumps viz. feed, bilge, air & circulating, also thrust shaft & all working parts of engines & found them satisfactory. Sundry minor repairs done to engines & boilers. Crankshaft & other shafting lined up.

Examined main boiler & valves & dome satisfactory, valves adjusted to blow at 73 lbs satisfactorily, under steam. Branch boiler examined. Several rivets in bottom ring renewed & valve tested under steam at 45 lbs. Main boiler tested with cold water to 115 lbs per sq inch.

General Observations, Opinion, and Recommendation:— The machinery of  
 (State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey: thus, for example, B.S. 1/89, B. & M.S. 1/89, or L.M.C. 1/89, as the case may be.)

This vessel being now in order, she is eligible in my opinion to be classed at present in the Register Book & to have LMC-8,89 now recorded.

Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for 188 received by me, 24/9 1889
Survey Fee (per Section 28) .....	£ 5 : 5	
Special Damage Fee (per Section 28) .....	£ 8 : 5	
*Certificate (if required) as per margin .....	£ : 2 : 6	
Travelling Expenses (if chargeable).....	£ : :	

Committee's Minute TUES 27 AUGUST 1889  
 Assigned LMC 8,89  
 Signature: Thos. L. Gray  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

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 cause it to show through to the other side.

It is submitted that this  
vessel is eligible to  
have L.M.C. 889,  
recorded—  
N.A.  
26.8.89

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