

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

TUES. JAN 28 1896

(Received at London Office)

Date of writing Report 25th July 1896 When handed in at Local Office 27th July 1896 Port of London
No. in Reg. Book. Survey held at London Date, First Survey 22nd July Last Survey 25th July 1896
878 on the Machinery of the Wood, Iron or Steel S.S. Spheria Master J. Shawman
Tonnage Gross 1941 Net 1238 Vessel built at R. H. Hunt By whom R. Gray & Co. Ltd When 1891 12
Registered Horse Power 212 Engines made at " When " Boilers, when made (Main) 91 (Donkey) 91
No. of Main Boilers 1 Owners Scrutton, Southey Port London Voyage West Indies
No. of Donkey Boilers 1
Steam Pressure in Main Boilers 160 lb If Surveyed Afloat or in Dry Dock Afloat in Dry Dock
in Donkey Boilers 80 lb (State name of Dock.) Dry Dock

Last Survey No. Port
Particulars of Examination and Repairs (if any) S.S. Spheria 100 H. S. S. 12.9.91
(Periodical Surveys, when held, must be reported in detail and serially 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 besides 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.)

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? yes.
Do. " Donkey " no
If this was not done, state for what reasons? Donkey Boiler at work.
And what parts of the Boilers could not be thus thoroughly examined? Donkey Boiler
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? Donkey Boiler to be seen next voyage.
Did the Surveyor examine the Safety Valves of the Main Boiler? yes.
At what pressure were they afterwards adjusted under steam? 160 lb.
Did the Surveyor examine the Safety Valves of Donkey Boiler? no
To what pressure were they afterwards adjusted? not now adjusted.
Has the propeller shaft been drawn and examined at this time? yes.

If the Survey is not complete state what arrangements have been made for its completion? To be done next voyage.
Now done: Propeller, Stern-bush and all Sea Connections and their fastenings examined and found good. Tail Shaft in satisfactory condition. Crank, Nuts and Tunnel Shafting, all Pumps and the Condenser examined and found in good order.
Main Boiler examined and found to be generally in good condition. Boiler tried under steam and its Safety Valves found to be looked as above.
Pumping arrangements, Pelge Suction Pipes and Pipes, Hoses and W. T. Doors in satisfactory condition.

To complete this survey the following work remains to be done: Cylinders, Pistons, Slide and Piston Valves and the Donkey Boiler and its Safety Valves examined and the latter adjusted under steam. Please see copy of letter to owners attached.

General Observations, Opinion, and Recommendation:—
(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 also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9.05, B.&M.S. 9.95 or L. M.C. 9.95, 140 lb., F.D., &c.)
The machinery of this vessel so far as examined is in good condition and in my opinion eligible to remain as classified with fresh record of L.M.C. 1.96 when this survey is completed.

Office or Registration Fee (per Sec. 27) £ : : Fees applied for 18
Survey Fee (per Section 28) £ 2 : : Received by me, D. Richter
Special Damage Fee (per Section 28) £ : : one completed
Travelling Expenses (if chargeable) £ : : 18
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required
Committee's Minute FRI. JAN 31 1896 TUES. APR 28 1896
Assigned Deferred

