

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

8344

6 AUG 92

No. 8344 Date of Writing Report 3/8/1892 Port of Dull
 No. in Reg. Book 340 Survey held at Dull on the Machinery of the S.S. Gomes IV
 Tonnage Gross 420 Net 248 Vessel built at Grangemth
 Registered Horse Power 70 Engines made at Glasgow By whom Dobson & Charles
 No. of Main Boilers 1 Owners A. Gomes When 1882 Boilers, when made (Main) 1891 (Donkey) 1891
 Steam Pressure in Main Boilers 75 If Surveyed Afloat or in Dry Dock Both - Paris St. Port Lisbon Voyage
 in Donkey Boiler 60 (State name of Dock.)
 Last Survey No. _____ Port _____ Class of Vessel & Machinery 2.89
 (As in Register Book, including dates of Special Surveys of Ship and of last Boiler Survey.)

Particulars of Examination and Repairs (if any) S.S. Gomes IV 5.5 Ins. No 1-89 2.89
 (State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs.)
 Repairs due to other causes. State also the dates and initials of any letters respecting this case. Repairs on account of Damage should be separated from

Do the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? New Boiler
 " " " " " " New Donkey Boiler
 This was not done, state for what reasons? _____
 What parts of the Boilers could not be thus thoroughly examined? _____
 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? _____
 Did the Surveyor examine the Safety Valves of the Main Boiler? Yes
 What pressure were they afterwards adjusted under steam? 75 lbs
 Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes
 What pressure were they afterwards adjusted? 60 lbs

New Main Boiler fitted as per report attached hitherto, new Steam Stop Valve on Boiler, new Main Steam pipe, new valves fitted to Safety Valves, other Boiler Mountings overhauled & repaired. Boiler examined under steam & the Safety Valves set to blow at 75 lbs per square inch.

New Donkey Boiler fitted - marked as follows. Boiler mountings repaired & renewed as required. Boiler examined under steam & Safety Valve set to blow at 60 lbs per square inch.

The Engines opened out and examined, Cylinders and castings rod. Pistons taken out & skimmed up, new springs & packing rings fitted. Piston rods trued up & refitted to Pistons. Connecting rods & pins trued up. All Slide Valves overhauled, new A.P. Slide Valve fitted. All Valve Gear Reversing gear, Turning gear overhauled & brasses fitted where required. Crankshaft examined & added. All Shafting relined. New end fitted to Propeller

Observations, Opinion, and Recommendation: The Boilers & Machinery of this vessel are now in my opinion in safe working condition & eligible to remain as passed. The case is respectfully submitted for the notification L.M.C. 7.92 N.B. 7.92

Register Book.
 Examination Fee (per Sec. 27) £ 3:10
 Section 28) £ 3:10
 Fee (per Section 28) £ 3:10
 Fees (if chargeable) £ _____
 Certificate is required Yes
 MACHINERY CERTIFICATE WRITTEN
 Fees applied for 4/8/1892 WR
 Received by me, 4/8/1892
James Innes
Dr. Ruck Keene
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Surveyor's Minute TUES. 9 AUG 1892
L.M.C. 8.92
N.B. 8.92
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 HVL406-0411 (112)

REPORT ON MACHINERY

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 for

CLASSIFICATION # MS. 92. and

+ L.M.C. 8. 92.

The Engines have been overhauled and repaired.

The Hull Surveyors should be requested to obtain and forward a complete report on the clanking hauler of this vessel.

Capt.

6. 8. 92.

No. in Sur Reg. Book.

340 on the

Master

Engines made at

Boilers made at

Registered Horse

Power Horse Power

GINES, &

Diameter of Cylinders

Diameter of Turbine

Diameter of screw

Diameter of Feed pump

Diameter of Bilge pump

Diameter of Donkey Engine

Engine Room

Bilge injection

the bilge suction

connections

by fixed sufficient

by each fitted with

pipes are carried

pipes, cocks,

bilge suction

ere stern tube

ed with a u

RS, &c.

Description

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S.S. Gomes IV

Shaft. All sea connections overhauled renewed where required. All pumps ^{on engine} opened out and examined & made good & new valves fitted where required. Condenser tubes drawn, cleaned, tested & repacked. Donkey pump taken out of ship & thoroughly overhauled & made good, donkey suction Box Valves overhauled & pumping arrangements made good. Bilge injection Valve faced up, ship side discharge Valves faced up.

James Jones
St. Ruck. Keene



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