

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

DEC 16 1937

(Received at London Office)

Date of writing Report 10 When handed in at Local Office 14-12-1937 Port of Middlesbrough
 No. in Reg. Book. 21218 Survey held at South Bank Date, First Survey 2 Nov Last Survey 7 Dec 1937
on the Machinery of the Wood, Iron or Steel SS BENALDER
 Tonnage { Gross 5161
 Net 3149 Vessel built at W Hartlepool By whom Jurvis & Bradd When 1919
 Engines made at " By whom Richardson & Hedgcock When 1919
 Nominal Horse Power {
 No. of Main Boilers 2 Owners Ben Line Steamers Ltd Owners' Address "
 No. of Donkey Boilers 1 Managers " Port Leith Voyage "
 Steam Pressure in Main Boilers " If Surveyed Afloat or in Dry Dock Smith's Dock
 in Donkey Boilers " (State name of Dock.)

Last Report No. " Port "
 Particulars of Examination and Repairs (if any) LMC

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.

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

as a damage report made by anyone else? If so, by whom?

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? yes

" " Donkey " " " " yes

Was this 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? "

What latest date of internal examination of each boiler C & S. 14.11.37 P. 2.12.37

Did the Surveyor examine the Safety Valves of the Main Boiler? yes

Did the Surveyor examine the Safety Valves of Donkey Boiler? yes

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? yes

Did the Surveyor examine the drain plugs of the Main Boilers? yes

Did the Surveyor examine all the mountings of the Main Boilers? yes

Has screw shaft now been drawn and examined? yes Is it fitted with continuous liner? yes

Has shaft now been changed? no If so, state reasons

Has the shaft now fitted been previously used? " Has it a continuous liner? "

What date of examination of Screw Shaft 3.12.37 State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft rewooded

Engine parts, when referred to by numbers, should be counted from forward.

Is the Survey not complete, state what arrangements have been made for its completion and what remains to be done Complete. see also

1st Entry Reports.
Vessel in dry dock. Propeller, screw shaft, sea connections & fastenings exam. Stern tube drawn to facilitate repairs to stern frame & refitted. New Propeller fitted.
all cylinders, pistons, valves & chests, crank, thrust & tunnel shafting. attached & Auxiliary Pumps & Pumping arrange ment examined & Condenser tested.
Main boilers examined internally & externally with their Safety Valves & mountings. Boilers & main & auxiliary steam pipes tested hydraulically to Rule Requirements & found sound & tight.
Safety Valves adjusted under steam as above.

General Observations, Opinion, and Recommendation:— The machinery of this
 (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. 9.11, & M.S. 9.11, & L.M.C. 9.11, or L.M.C. 140 lb., F.D., &c.)

vessel is eligible in my opinion to have the
Records LMC 12.37 T.S. CL 12.37.

Survey Fee (per Section 29) £ 1st Entry
 Special Damage or Repair Fee (if any) See Report
 Travelling expenses (if chargeable) "

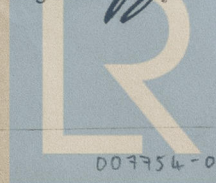
Committee's Minute

Assigned

FRI 7 JAN 1938

amb 12.37

R. C. Moffitt
 Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register
 Foundation

003754-003761-0128

SKETCH OF PUMPING ARRANGEMENT.

