

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

(Received at London Office JUN 11 1937)

Date of writing Report 9th June 1937 When handed in at Local Office _____ 19____ Port of Vienna

No. in Reg. Book. 2570 Survey held at Constantia Date, First Survey 2nd March Last Survey 22nd March 1937
(No. of Visits four)
on the Machinery of the Wood, Iron or Steel S.S. "Hanne" in "City of Bradford"

Tonnage (Gross 1360 Net 677) Vessel built at Hull By whom Lark's Co. Ltd. When 1903
Engines made at Hull By whom Lark's Co. Ltd. When 1903

Nominal Horse Power 356 Boilers, when made (Main) 1920 (Donkey)
No. of Main Boilers 25 Owners Wear East Shipping Co. Ltd. Owners' Address _____
(if not already recorded in Appendix to Register Book.)
Managers _____ Port London Voyage Hafsa

No. of Donkey Boilers _____ Steam Pressure in Main Boilers 180 lbs If Surveyed Afloat or in Dry Dock Afloat
(State name of Dock.)
in Donkey Boilers _____

Last Report No. _____ Port _____

Particulars of Examination and Repairs (if any)

(Periodical surveys, when held, must be reported in detail and seriatim 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.)

In 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 _____

Was 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?

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

If this was not done, state for what reasons? Boilers have been already surveyed.

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?

State latest date of internal examination of each boiler _____ Present condition of funnel(s) _____

Did the Surveyor examine the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam? _____

Did the Surveyor examine the Safety Valves of Donkey Boiler? To what pressure were they afterwards adjusted under steam? _____

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

Did the Surveyor examine the drain plugs of the Main Boilers? , and of the Donkey Boiler?

Did the Surveyor examine all the mountings of the Main Boilers? , and of the Donkey Boiler?

Has screw shaft now been drawn and examined? No Is it fitted with continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

Has shaft now been changed? No If so, state reasons _____
Was the shaft now fitted been previously used? Has it a continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

State date of examination of Screw Shaft _____ State the distance between lignum vitæ or bearing metal of stern bush and top of after bearing of screw shaft _____

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted? _____

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done Special Survey No. 2.

Examination of Engines, triple expansion
HP cylinder cover removed, examined, all bolts and nuts, cylinder wall, junk ring, piston, piston rings and springs, crosshead bearings, connecting rod, guide plate and guide shoe, found all in order. Bottom end bearings, white metal of upper half scored, had it renewed; crank pin and webs in order. IP cylinder cover removed, one slack bolt renewed, cylinder wall, junk ring, piston, piston rings and springs, crosshead bearings, connecting rod, guide plate and guide shoe, bottom end bearings, crank pin and webs, all in order. - LP cylinder cover, bolts in order, cylinder wall lower part slightly bored out, piston rings and springs adjusted; crosshead bronze bearings found scored were renewed; connecting rod disconnected, guide shoe re-metalled; bottom end bearings, upper and lower halves white metal being cracked, has been re-metalled; crank pin and webs in order.
HP and IP piston valves, LP slide valve, covers removed, found cylinder walls, pistons, piston rings in order; LP slide valve face in order, spindle rod put on lathe, all eccentric sheaves and straps in order. All packings of cylinders and valves overhauled and part renewed.

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. 9,11, B.&M.S. 9,11, X L.M.C. 9,11, or CS 3,34.)

To be allowed to remain as now classed, and to have the notation of +LMC with date when the survey will be completed.

Survey Fee (per Section 29) _____ Fees applied for _____
Special Damage or Repair Fee (if any) (per Section 29.) _____
Travelling expenses (if chargeable) _____ Received by me, _____

Committee's Minute _____
Assigned See Bla. Rpt. 1476

CHARACTER. * for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned how expired.	Machinery and Boiler Surveys (including date of N.B. if any).
* 100 A1 9.36		* LMC 1.33 +MS 12.20
s.s. Gms. 2nd 11.3 - 1.29		BS 9.36
s.s. Gms. 11.1 - 3.3		C.L. 1.35

Subject to the DONKEY BOILER not being used.

Insert Character of Ship and Machinery precisely as in the Register Book.

Is a Certificate required? If so, to be sent to

W178 - 0029 1/2

Barbora 2019
Engineer Surveyor to Lloyd's Register of Shipping.

FRI 20 AUG 1937

Lloyd's Register Foundation

S/S "Klanne" ex "City of Bradford"

Nos 1, 2, 3, 4 and 5 main bearings, upper halves removed and oilways cleaned. Examined crank shafts, journals, tunnel shafts, found in order. Trust shaft horse shoes removed white metal found in order, oil channels cleaned.

Condenser, doors removed, tubes cleaned, ferrules part renewed; condenser not tested.

Air pump, feed and bilge pumps, opened and overhauled.

Centrifugal pump opened, found bronze shaft worn, had shaft renewed.

Ballast pump opened and valves renewed.

Quartern feed pump, cylinder bored out, piston and piston rings renewed, all valves overhauled.

Valve chests in engine room opened and valves, spindles overhauled.

Piping in order.

(No interim certificate was issued.)

[Signature]

6178-0029 2/2



No 2 due 1-37 part
held. Completion not
stated

It is submitted that this
essel WILL BE eligible for
the record.

+ items 3-37
when in connection
electrical equipment
+ steam pipes and
+ steam pipes
listed.

DA
16/6/37



© 2019

Lloyd's Register
Foundation