

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

(Received at London Office TUE. APR. 25 1922)

When handed in at Local Office 19/4/22 Port of Hull
Survey held at Hull Date, First Survey 2/3/22 East Survey 18/4/1922
(No. of Visits 8)

Machinery of the Wood, Iron or Steel North Level LIZZIE & ANNIE
Vessel built at North Shields By whom J. Toffey & Co When 1877
Engines made at _____ By whom _____ When 1913

Boilers, when made (Main) _____ (Donkey) _____
Owners G. T. Birch & Co (1919) Ltd Port _____ Voyage Coasting
If Surveyed Afloat & in Dry Dock Support S.O. & Eminent Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Port No. _____ Port _____
Reasons of Examination and Repairs (if any) Slowing

When held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature and extent of Examinations and subsequent Repairs. Repairs on machinery (the cause of which must be stated) should be separated from Repairs due to other causes; and details in the body of the report, should be briefly summarised at the end of the report. State also the date of any letters respecting this case.

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 not accepted.

Was a damage report made by anyone else? If so, by whom? _____
Personally go inside each Main Boiler separately and make a thorough examination at this time? _____

Donkey " " " " _____
state for what reasons? _____

the Boilers could not be thus thoroughly examined? _____
means, in the absence of internal examination, were adopted by the Surveyor to ensure the thorough efficiency of those parts of each Boiler? _____

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

examine all the manholes, doors and their fastenings of the Main Boilers? _____, and of the Donkey Boiler? _____
examine the drain plugs of the Main Boilers? _____, and of the Donkey Boiler? _____

examine all the mountings of the Main Boilers? _____, and of the Donkey Boiler? _____
has been drawn and examined? Yes Is it fitted with continuous liner? No Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? No

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

between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? to
state what arrangements have been made for its completion and what remains to be done? _____

it will be noted that parts of the spare gear is not present. The owner states that should the Committee class the vessel for coasting purposes the missing spare gear will be supplied & placed on board. The vessel is employed in coasting trade between Hull & Kings Lynn.

gears & complete installation were new in 1913 & the tail end gear was new in 1920. The old tail end shaft was examined in the year _____ & was found to be only $\frac{1}{8}$ less in diam than the original diameter. Now done - All cylinders, pistons, valves & gears, connecting guides, pumps, crank, thrust, & tail end shafts, propeller, stern gear connections & fittings, air receivers & tanks examined and in good condition.

Observations, Opinion, and Recommendation: - The machinery of this vessel is now in a good & efficient condition for opinion. The nature of the work done is noted in the report on form 4 B. The reports are forwarded for the information of the Committee see Secy's letter 3/3/22.

Signature: J. Harbottle
Engineer Surveyor to Lloyd's Register of Shipping.

TUE. JUN. 5 1923

Minute _____
LR-FAF-5A12-150

