

## Report of Survey for Repairs, &amp;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  
Date, First Survey 21/3/22 East Survey 18/4/1922  
(No. of Visits 8)Survey held at Hull.  
on the Machinery of the Wood, Iron or Steel North Channel LIZZIE & ANNIE.  
Vessel built at North Shields By whom J. Lifford & Sons When 1877  
Engines made at By whom (Donkey) When 1913  
Boilers, when made (Main)Owners G. F. Birch & Co. (1912) Ltd. Port Voyage Southey  
If Surveyed Afloat & in Dry Dock 21/3/22 & 18/4/22 Particulars of Classification (which must be inserted  
(State name of Dock.) precisely as in Register Book & Supplements).Port No. Port  
Years of Examination and Repairs (if any) Steaming.When held, must be reported in detail and serially in the terms of the Rules. State clearly the  
nature, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on  
the cause of which must be stated should be separated from Repairs due to other causes; and  
detailed 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  
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  
are himself of 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?  
How 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? NoBeen 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? 16"

Of complete state what arrangements have been made for its completion and what remains to be done? On the 19th 4th (from

it will be noted that parts of the spare gear is not  
said. The owner states that should the Committee class the  
missing for coasting purposes the missing spare gear will  
be supplied & placed on board. The vessel is employed in  
trading between Hull & Kings Lynnlinks & complete installation was new in 1913 & the tail end  
new in 1920. The old tail end shaft was examined in the  
& was found to be only 1/8 less in diam than the originalNow done - All cylinders, pistons, valves & gears, connecting  
guides, pumps, crank, thrust, & tail end shafts, propeller, stem  
sea connections & fastenings, air receivers & tanks examined  
and in good conditionObservations, Opinion, and Recommendation: - The machinery of this  
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  
revision required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, R.S. 9, 11, B.S. 9, 11, or L.M.C. 9, 11,  
&c. (see.)is now in a good & efficient condition for opinion  
this notation see attached report on form 4 B.The reports are forwarded for the information of the  
the see Reg's letter 3/3/22Fees applied for 10  
Received by me, 36.5.22

Minute

TUE. JUN. 5 1923

Engineer Surveyor to Lloyd's Register of Shipping.

As a Certificate regularly If so, to be sent to - Hull

LR-FAF-5A12-150

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