

IS A DONKEY BOILER FITTED? *Yes*

If so, is a report now forwarded? *Yes*

Is the donkey boiler intended to be used for domestic purposes only? *Small auxiliary Air Compressor & heating*

PLANS. Are approved plans forwarded herewith for Shafting *In Letter 4.5.29*

Donkey Boilers *Yes*

General Pumping Arrangements *Yes*

Oil Fuel Burning Arrangements *Yes*

SPARE GEAR.

Has the spare gear required by the Rules been supplied? *Yes*

State the principal additional spare gear supplied

*1 cylinder cover: 4 cylinder liners 1 piston, 2 piston bolts, 2 piston rods
into 20 telescopic cooling pipes together with sockets & rings re parts for 2 starting air valves for
for fuel pumps set of compressor rings, 2 bottom end bolts & 2 main bearing bolts for compressor
parts for overhead lubricating pump parts for 1st stage & 1 2nd - 3rd cooler substacks together
with additional tubes 2 main bearings 2 crank pin bearings, 2 cross head bearings, 12 main
thrust pads, 1 bronze main gear wheel & 1 steel wheel for vertical drive, 1 bronze gear wheel main
and 1 cam shaft wheel for lift drive, 2 thrust units for vertical cam shaft, 2 fuel valve
& rollers, 2 propellers.*

The foregoing is a correct description,

For THE FAIRFIELD SHIPBUILDING

AND ENGINEERING CO., LIMITED.

Manufacturer.

Dates of Survey while building	During progress of work in shops--	19 29 Aug 23 Sep 10 18 26 Oct 14 21 23 Nov 6 12 15 22 25 26 29 Dec 2 5 11 12 16 18 19 26 30 (1930) Jan 13 21 24 27 29 31 Feb 3 5 7 10 12 18 19 20 24 25 26 27 Mar 4 5 6 7 11 12 13 17 18 19 24 25 26 27 28 Apr 12
	During erection on board vessel--	11 14 15 16 17 22 23 24 25 28 May 1 2 5 6 7 8 9 12 14 15 16 19 20 21 22 23 27 28 30 June 2 3 4 5 11 12 17 18 19 20 23 24 25 26 27 30 July 1 2 4 7 8 9 10 11 Aug 5 7 8 11 12 13 15 18 19 25 Sep 1 2 9 10
	Total No. of visits	15 4 24 Oct 7 21 Nov 4 10 19 25 Dec 1 23 (1931) Jan 12 14 15 16 20 21 27 Feb 5 6

Dates of Examination of principal parts	Cylinders	10.7.30	Covers	10.7.30	Pistons	13.8.30	Rods	4.6.30	Connecting rods	11.7.30
Crank shaft	2.5.30	Flywheel shaft	15.5.30	Thrust shaft	4	Intermediate shafts	1.9.30	Tube shaft	-	
Screw shaft	4.6.30	Propeller	13.8.30	Stern tube	2.9.30	Engine seatings	7.10.30	Engines holding down bolts	10.11.30	
Completion of fitting sea connections	7.10.30	Completion of pumping arrangements	19.11.30	Engines tried under working conditions	6.2.31					
Crank shaft, Material	S.M. high steel	Identification Mark	L.R. 640-25.30	Flywheel shaft, Material	S.M. high steel	Identification Mark	24T. 30T			
Thrust shaft, Material	-	Identification Mark	-	Intermediate shafts, Material	do.	Identification Marks	33T-42T			
Tube shaft, Material	-	Identification Mark	-	Screw shaft, Material	do.	Identification Mark	31T-32T			

Is the flash point of the oil to be used over 150° F. *Yes*

Have the requirements of the Rules for oil fuel pipes and tank fittings been complied with *Yes*

Is the vessel (not being an oil tanker) fitted for carrying oil as cargo *No*. If so, have the requirements of the Rules been complied with *Yes*

If the notation for Ice Strengthening is desired, state whether the requirements in this respect have been complied with *Yes*

Is this machinery duplicate of a previous case *Yes*. If so, state name of vessel *Staffordshire*

General Remarks (State quality of workmanship, opinions as to class, &c.) *The machinery of this vessel has been constructed under special survey and in accordance with the Rules. The material and workmanship are good. It has been satisfactorily fitted in position on board. It works under full working conditions and found in order.*

The machinery of this vessel is eligible, in my opinion, to be classed in the Register Books with notation of +L.M.C.2.31.

The amount of Entry Fee	£ 6 : -	When applied for,	10 FEB 1931
Special	£ 154 : 18	When received,	13.4.1931
3. Air Receiver	£ 9 : 9		
1. do do	£ 4 : 4		
Travelling Expenses (if any)	£ 4 : 4		
Committee's Minute	GLASGOW	11 FEB 1931	
Assigned	+L.M.C.2.31.		

Prof. J. J. ...
Engineer Surveyor to Lloyd's Register of Shipping

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CERTIFICATE WRITTEN.