

IS A DONKEY BOILER FITTED?

If so, is a report now forwarded?

C 11 26

HYDRAULIC TESTS:—

DESCRIPTION.	DATE OF TEST.	WORKING PRESSURE.	TEST PRESSURE.	STAMPED.	REMARKS.
ENGINE CYLINDERS	31.7.23	17 kg/sg. cm.	37 kg/sg. cm.	LLOYDS TEST 37 KG AI 31.1.23 A	
COVERS	31.1.23	ditto	ditto		
JACKETS	31.1.23		3.5 kg/sg. cm.		
PISTON WATER PASSAGES	(open pistons)				
MAIN COMPRESSORS—1st STAGE	none fitted				
2nd					
3rd					
AIR RECEIVERS—STARTING	31.1.23	15 kg/sg. cm.	30 kg/sg. cm.	No 2229 LLOYDS TEST 30 KG W.P. 15 KG AI 31.1.23 A	
INJECTION					
AIR PIPES					
FUEL PIPES					
FUEL PUMPS					
SILENCER	31.1.23		3.5 kg/sg. cm.	HYDR. TEST 3.5 KG AI 31.1.23 A	
WATER JACKET	31.1.23		ditto		
SEPARATE FUEL TANKS					

PLANS. Are approved plans forwarded herewith for shafting *Secretary's letter E 7.11.22* Receivers starting *E 8.3.16* Separate Tanks ✓

SPARE GEAR to be supplied and inspected on delivery. — 2. tops and bolts and nuts; 2. main bearing studs and nuts; 1. disc and 1. screw valve or piece pump; 3 studs for injection bolts; 1. cylinder stud; 1. thrust bearing bolt; 1. bolt for lubricating pump; 1. bolt for governor weight; 2. disc and 2. disc valves for cyl. pump. and two coupling bolts and nuts.

The foregoing is a correct description.
SOCIEDAD ESPAÑOLA DE CONSTRUCCION NAVAL
A. S. Fullerton *for Construction Board*

JEFE DE MAQUINARIA

Dates of Survey while building: During progress of work in shops -- 30, 14.22, 30, 14.22; 23.25 31.2.23
During erection on board vessel -- Dec. 15/23, Jan. 23/23, Feb. 5, Mar. 12, April 4, 12, 16, 24, May 15, June 8, 19, July 20
Total No. of visits 9 in shop 12 in vessel.

Dates of Examination of principal parts: Cylinders 23.31.23 Covers 23.31.23 Pistons 23.31.23 Rods ✓ Connecting rods 14.22.30, 14.22, 23.31.23
Crank shaft 23.31.23 Thrust shaft 14.22.30, 14.22 Tunnel shafts ✓ Screw shaft 12.3.23 Propeller 12.3.23 Stern tube 4-4-23 Engine seatings 4-4-23
Engines holding down bolts 8-12-23 Completion of pumping arrangements 20.4.23 Engines tried under working conditions in shop 23.25.23
Completion of fitting sea connections 12.4.23 Stern tube 15.5.23 Screw shaft and propeller 15.5.23

Material of crank shaft L.M. Steel Identification Mark on Do. AI 30.11.22 A Material of thrust shaft L.M. Steel Identification Mark on Do. AI 22.11.22 A
Material of tunnel shafts ✓ Identification Marks on Do. Material of screw shafts Steel Identification Marks on Do. 14.23.23 W.B.E.

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

Is this machinery duplicate of a previous case? Yes. If so, state name of vessel and Km. Report no. 2247 *see Km. Report no. 2247*

General Remarks (State quality of workmanship, opinions as to class, &c.)
I am of opinion, that this motor is of superior material and workmanship, and as it has been designed and constructed under my special survey, I have respectfully to submit, that it will be eligible to be classed *LMC, as soon as it has been fitted in a classed vessel to the satisfaction of the Society's Surveyors.
This machinery has been securely fitted on board, the materials and workmanship are good and has been tried under working conditions and found satisfactory. In my opinion it is eligible to be classed with the record of $\frac{1}{2}$ L.M.C. 4-23.

The amount of Entry Fee ... £ : : When applied for, 7.2 19.23
Special survey in shop in vessel £ 12 : 0 : 0 : 7.2 19.23
Donkey Boiler Fee ... £ : 450 pl. : :
Travelling Expenses (if any) £ : 8 pl. : :
When received, 31/3/23
8/8/23

Committee's Minute FRI. 14 SEP. 1923
Assigned + L.M.C. 7.23

Thomas Miller, A. Ekanson
Engineer Surveyor to Lloyd's Register of Shipping.
assisted by Mr. T. J. Anderson

Certificate (if required) to be sent to Committee's Minute.

CERTIFICATE WRITTEN

