

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

Boiler:— The new main Boiler has been built under Special Survey and workmanship throughout is good. When completed it was tested by Hydro pressure to 200 lbs per sq. inch and found tight and sound. Its safety valve subsequently adjusted under steam to the pressure herein stated.

Engines:— The Engines were removed from the vessel to the shop and the overhauled and re-erected. A new High pressure Cylinder has been fitted. The cylinders are now 20" and 41" diameter by 28" stroke, 90 lbs working pressure. A new Thrust Block has been supplied and fitted. New Crank. Three Propeller shafts have been fitted and the two Intermediate shafts & new ends welded to them on account of defects. See joining report herewith. The sizes of the shafts are as follow:—

Crank shaft	4 1/2" diameter.	✓	✓
Thrust	4 3/4" "	✓	✓
Intermediate	4" "	✓	✓
Propeller	8" "	✓	✓

The Thrust and Propeller shafts are of the diameter required by Rules. The other shafts were approved by The Committee for the modification of work at the diameter originally fitted. A new Stem and Propeller 9'6" dia have been fitted. A new Circulating pump has been fitted, and all other pumps have been overhauled and in good working order. New brasses have been fitted to all journal gudgeons on the main Engines. A new H.P. piston and L.P. piston rod have been fitted. The Condenser has been cleaned, repaired, cracked and re-tubed. A new Piston valve and valve spindle fitted. New Quadrant plates have been fitted. A new Air pump bucket have been fitted. A new Circulating pump rod has been fitted. A new Feed pump has been fitted.

On completion of the work the Machinery and Boiler were under steam and found to work satisfactorily. They are now in good and efficient condition and eligible in our opinion to have records of **N.B. 11,09** and **LMC. 11,09** marked in the Society's Register.

Boiler Request No. 8. attached.

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

The amount of Entry Fee... £	:	:	When applied for,
Special NEW BOILER £ 5	:	:	17/11/1909.
Donkey Boiler Fee £ 3	:	3	When received,
Travelling Expenses (if any) £	:	:	19/11/1909.

Committee's Minute **GLASGOW** 23 NOV. 1909

Assigned **LMC 11,09**
+ N.B. 11,09

MAKING CERTIFICATE
 13/4/10

Engineer & Surveyor to Lloyd's Register of British and Foreign
Wm. R. Austin. Charlotte.

L © 2019 Lloyd's Register Foundation

Note Cyls. & Blr. pressure
Note shaft.

22-11-09