

This vessel has been fitted with Ljungstrom Turbo-Electric propelling machinery and is the first vessel built under Special Survey fitted by this method of propulsion.

The machinery consists of two Radial Flow Steam Turbines, each driving directly two electric alternators, one on each end of the turbine shafts

These alternators supply current to two main motors geared to one screw shaft.

The manoeuvring is carried out by means of electric control gear.

The air, circulating and feed pumps are electrically driven, and the bilge pumps are of the ordinary donkey pump type.

Steam is supplied to the turbines by two ordinary single ended boilers working at 220 lbs. per sq.inch and are fitted with forced draught.

Exhaustive steam trials were made and the whole machinery is now satisfactorily reported upon.

It is submitted that this vessel is eligible for the record  
LMC 7.18 F.D. 2 Turbo-Electric Motors geared to 1 screw shaft.

J.P.R.

J.W.D.  
31.7.18.



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