

25 JAN 1950

1900-6-13-003719-0061

003712-003719-0061



During progress of work in shops - - 25.1.49 28.10.49 11.1.50  
 Dates of Survey while building During erection on board vessel - - 18th Jan. 50 28th Jan. 49  
 Total No. of visits 3  
 Dates of Examination of principal parts—Cylinders. 28.10.49 Covers. Pistons. 28.10.49 Piston rods  
 Connecting rods. 28.10.49 Crank and Flywheel shafts. 25.1.49 Intermediate shafts  
 Crank shaft Material. Steel Tensile strength. 37.59 tons  
 Elongation. 34% Identification Marks. Lloyd's 49  
 Flywheel shaft, Material. R.A. Lister (Marine Sales) Ltd. Identification Marks. Dursley  
 Identification marks on Air Receivers. 18

Is this machinery duplicate of a previous case. Yes If so, state name of vessel. 800108  
 Heavy Oil, Airless Injection, Type. 27LM

**GENERAL REMARKS** (State quality of workmanship, opinions as to class, &c.) This Auxiliary Oil Engine has been built under Special Survey. Water jackets tested with hydraulic pressure 100 lbs. per sq. inch and found sound and tight. The workmanship and materials have been found good. Crankshaft taken from Makers' stock, test pieces proved satisfactory. After assembly the engine examined during a full test bed running trial of several hours duration; governor tried and found satisfactory.  
 Identification Mark M.3223. Engine made to the order of Messrs. Clelands (Successors) Ltd  
 Forced

**SURVEY OF MACHINERY.**  
 NEWCASTLE-ON-TYNE

This machine has been efficiently installed on board Clelands N°147 for purposes of driving electric generator (lighting only) and examined under working conditions with satisfactory results.

A. H. H. Smith  
 SURVEYOR TO LLOYD'S REGISTER.  
 NEWCASTLE-ON-TYNE.

The amount of Fee ... £ 4 : 0 : 0 When applied for. 19  
 Travelling Expenses (if any) £ 1 : 0 : 0 When received. 19

Committee's Minute  
 Assigned

J. Brooke Smith  
 Surveyor to Lloyd's Register of Shipping.

