

801
Dates of Survey while building
During progress of work in shops - 1944 Jan 28, Feb 11, 13, Apr 28, May 19, June 21, 28, July 4, 11, Oct 20, Dec 3, 16, 1948 Jan 8, Feb 23, Apr 15
During erection on board vessel - 1948 Oct 22, Nov 18, 26, 1949 Jan 28, 31, Mar 9, 10, 14, 22, 29, 31, Apr 8, May 23, 25, 27
Total No. of visits 34 Contd. - June 1, 3, 10, 14

Dates of Examination of principal parts - Cylinders 28/1/49, 9/3/49 Covers 28/1/49, 9/3/49 Pistons 31/1/49, 10/3/49 Piston rods ✓

Connecting rods 18/1/48, 29/3/49, 8/4/49 Crank and Flywheel shafts 9/1/48, 23/2/48, 22/10/48 Intermediate shafts ✓

Crank shaft Material Benies Martin O.H. Acid Steel Forgings Tensile strength T.885-33 tons/in² T.94-31.6 tons/in² T.351-31.6
Elongation T.885-32% T.94-34% T.351-30% Identification Marks TEST N°885 TEST N°94 TEST N°351

Flywheel shaft, Material ✓ Identification Marks ✓

Identification marks on Air Receivers N° 16519
LLOYD'S TEST
500 lb.
N.P. 300 lb.
28.4.49. E.G.H.

Is this machinery duplicate of a previous case Yes If so, state name of vessel M.V. "INTERPRETER" Donford 747

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

The Three Auxiliary Oil Engine Electric Generative Sets, Engine N° 2596/2601, 2602/4 and 2608/13, have been built under special survey and in accordance with approved plans.

Electric machines by Messrs Campbell & Isberwood Ltd; were coupled up on the fabricated combined baseplates to their prime-movers as follows:-
Generator N° 42524 to Engine N° 2596/2601
Generator N° 42528 to Engine N° 2602/4
Generator N° 42527 to Engine N° 2608/13.

Each completed set has undergone running trials of seven hours duration on maximum rated full load, with one hour of the period on 10% overload, at the conclusion of which temperature rise on generator parts were found to comply with the requirements of the Rules.

Subsequently, governor tests, voltage regulation and air starting tests were carried out with satisfactory results.

Minor critical speeds were noted at approx:- 460 and 550 R.P.M. on Engine N° 2596/2601
" " " " " " " 460 and 550 R.P.M. on Engine N° 2602/4
" " " " " " " 465 and 560 R.P.M. on Engine N° 2608/13

The engines were opened up after running trials and working parts were examined and found to be in good working condition.

The workmanship and materials used in the construction of these sets, were found to be good & sound, so far as could be ascertained.

These engines have been despatched to Glasgow for installation in the vessel.

These engines have now been efficiently installed in the vessel and tried under full working conditions with satisfactory results.

R. Shaw
Glasgow

The amount of Fee ... £ 24 : 15 : 0 When applied for 30th JUNE 1949
Travelling Expenses (if any) £ : : When received 19

Committee's Minute GLASGOW 21 SEP 1949

Assigned See accompanying machy rpt



1m.8.40.-T. (MADE AND PRINTED IN ENGLAND)
(The Surveyor are requested not to write on or below the space for Committee Minute.)