

Lloyd's Register of Shipping

UNITED WITH THE BRITISH CORPORATION REGISTER

Port Baltimore, Md.

27th October, 1961

SR # 835

This is to Certify that

D.H. McKenzie

the undersigned Surveyor to this Society did at the request of

Eastern Metals Corporation attend at their Curtis Bay Plant, Baltimore, on October 27, 1961 and subsequently for the purpose of examining one 300 K.W. generating set stated to be for installation in the:

S/S "ALBA"
15043 tons gross of 10,000 H.P.

The unit stated to have been removed from the S/S "ALBA" prior to her departure and having been scrapped was visually examined. The following repairs were recommended and carried out to our satisfaction by the Maryland Shipbuilding & Repair Co., Baltimore.

Motor cleaned by fly ash method and dynamically balanced.
Governor opened up, cleaned and Throttle Valve ground in.
Oil Cooler cleaned and tested.
Generator and Exciter member tested with satisfactory results.

Particulars of the Generator taken from the name plate data are as follows:

ne: - Joshua Hendy Iron Works
Marine Steam Turbine
Serial No. 10650
Rating 300 K.W., R.P.M. 52 1/2
Pressure 220 lbs., Temp. 445° F.
Vacuum 26" - 28", A.G.
Inspected A3, 5-10-45

tion gear: -

Joshua Hendy Iron Works
Marine Reduction Gear
Serial No. 10790
Rating 52 1/2 R.P.M.
Gear 200 R.P.M.
Inspected A3, 5-10-45

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Generator: - General Electric Marine A.C. Generator
No. 5933727, Type A.T.I.
KVA 375, R.P.M. 1200 Form E.L.
Volts 450 amp 401, P.F. .6
K.W. 300, Phase 3 Cy 60
Exc. Volts. 120, 375, K.V.A.
Cont. 40°C.

Exciter: - General Electric Marine D.C. Generator
Serial No. 2089522
Type M.P.L. 1-66
Form E.S, K.W. 40, R.P.M. 1200
Wound Stab. Shunt
Amp. 333, Volts 120
Cont. 40°C.

It is recommended that the set be tested according to the rules in the presence of the Surveyors, which requires a full load heat run, parallel and governing tests.

It is further recommended that prior to the installation of this unit on a vessel classed with the Society, all requirements of Chapter M, of the Rules and Regulations be complied with regarding the vessels Electrical Equipment.

J. H. McKenzie

Surveyors to Lloyd's Register of Shipping



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