





"RIVER SWIFT"

Port Main Thrust shaft collars dressed and shoes & bearings remetalled. The collars were found to be badly grooved, and on account of this, it is recommended that they be further examined by the end of November 1948. (6 months limit). 8 coupling bolts renewed on aft thrust coupling and alignment checked.

Nos. 1 and 3 Port and Nos 2 & 3 Starboard Main Engine cylinder heads renewed. Port & Starboard Lub. Oil pumps:- Ridges buffed off liners and bucket rings renewed. Suction & Delivery valves overhauled & Bearings adjusted. Port & Starboard Piston Water cooling pumps:- Ridges buffed off liners and bucket rings renewed. Suction & Delivery valves overhauled & Bearings adjusted.

Port Generator Engine:- All Bottom end top half bearings remetalled, and adjusted, Ridges buffed off top of liners and piston rings renewed as necessary. All bottom end bolts renewed. Generator coupling bolt holes reamed, (vessel arrived with bolts sheared), but owing to deficiency of material between the holes & rim of coupling, it was not possible to clean the torn holes thoroughly, and extra holes have now been drilled between the existing holes and 8 bolts fitted. Generator reconditioned and defective cables between generator & switchboards renewed and megger tested on completion with satisfactory results and governors tested under full load and found efficient.

Starboard Generator:- Owing to the bottom end bolts breaking of No 3 engine, and the connecting rods piercing and fracturing the entablature, it was decided by the owners representative to dismantle the Generator from this engine, and reinstall it in place of the compressor unit of the Auxiliary air compressor, and this has now been done.

The compressor end of the auxiliary air compressor dismantled, and Generator from the Starboard Generator set fitted to this Engine, and rewired to the main switch board & megger tested on completion with satisfactory results. All bottom end & main bearings remetalled and shafting checked for alignment. Valves overhauled and piston rings renewed as necessary. All bottom end bolts renewed & generator coupling bolt holes reamed and bolts renewed. Governors tried under full load on completion and found satisfactory.

Other minor repairs effected as recommended.

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Auxiliary Diesel driven compressor now dispensed with.

Engine of Starboard Generator (original) retained on board as a supply of spares for other auxiliary engines.

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