

For completion of CS:-
cont'd

Both generator steam engines.

Fan engine.

Both starting air compressores and their steam engines. Air coolers tested.

Both salt water cooling pumps, both bilge pumps (replaced). G.S.- pumps.

Both O.F. transfer pumps and both O.F. injection valve cooling pumps.

Both O.F. pressure pumps and O.F. heaters.

Both feed water pumps and feed heater.

L.O. cooler, tested. L.O.-stand@by pump.

} tested.

Aux. condenser and evaporator tested.

Pumping arrangement, valves,cocks, pipes and strainers tested,

Both daily service tanks and their fittings. Starting air receiver.

Windlass and steering gear.

Electrical installation.

For DBS:-

P+S donkey boilers examined internally and externally together with their mauntings, manholes, doors and their fastenings, O.F. burning arrangement examined under working conditions and found in good order. Safety valves adjusted under steam to the above stated pressure. Steam smothering arrangement verified.

Control rods checked. Screw shaft liner machined true, lignum vitae in stern bush renewed.

Machinery Repairs (W+T):- M E 2,5 +6 cylinder covers, pistons and valves of all covers dressed.

No. 2 cylinder liner and No. 5 cylinder cover, jacket and liner renewed, tested.

Nos.2+6 crankpin bearings remetalled. All other bearings adjusted.

All shaft driven bilge, salt water cooling and L.O. pumps and all independent pumps and auxiliary machinery including pumping arrangement, windlass and steering gear thoroughly overhauled.

Machinery Additions & Alterations

One 4 -cyl. 4SCSA oil engine generator set of 75 BHP 45 KW, has now been satisfactorily installed together with the necessary pipes and fittings, on stbd. side forward of the engine room floor, examined under working conditions on completion and left in good order. Cert. Hannover 55/2 attached herewith.

This vessel has now been converted to an Ore carrier having 4 Ore holds, the wing tanks converted to ballast tanks and ballast tanks formed below ore holds, no petroleum to be carried. The bilge and ballast lines in cargo holds and tanks have been fitted in accordance with approved plan No SKR 14a, dated Hamburg 3.1.55. The 2 existing stripping pumps of forward and after pump rooms, each having a capacity of 60 m³/h have now been removed, thoroughly overhauled, and installed in the engine room to replace the 2 original bilge pumps, which have now been removed from the vessel. The existing cargo oil pumps in the after pump room are now in use as ballast pumps.

Electrical Installation:-

One additional 45 KW-DC generator has now been satisfactorily installed, and connected to the main switchboard, which has been overhauled and modified accordingly. Cert. Hamburg No. 6305 attached herewith. Generator set examined under working conditions and found good. Generators, switchboard, cables and fittings examined. Insulation resistance measured on completion of repairs and left in good order.

Donkey Boiler Repairs:-

Minor repairs only,

Main and auxiliary machinery including pumping arrangements, windlass and steering gear examined under working conditions on completion of repairs and left in good order.

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