

TANKER S/S INVERARDER

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REPAIRS FOR WEAR & TEAR:- I.P. Cylinder piston rod neck bush removed, piston and piston rings adjusted. All link trusses, top and bottom end trusses with main bearings and eccentric straps adjusted.

Turned shaft steel bearings, but replaced.

Turning engine: S&W chamber removed, new piston rings fitted, piston rings removed, trusses adjusted.

Reversing engine: S&W chamber removed, new piston rings fitted, piston rings removed, bearings adjusted.

Main engine driven pumps: several air pump valves removed, flaps and fuel pump valves overhauled, all pump link & rocker trusses adjusted.

Main Condenser: Joint tubes removed.

Dynamo engine: Crankshaft tried for truth in lathe, new piston rings fitted, bearings adjusted.

Outboard Wiro fuel pump: suction and discharge valves machined.

Inboard Wiro fuel pump: suction and discharge valves and seats machined, discharge seat stopped pin removed, fuel jet rod machined new gland and neck bushes fitted, piston rod machined, gland and neck bushes removed, shuttle valve chest reconditioned.

Main Circulating pump: piston rod machined, gland and neck bushes removed, piston rings removed, impeller nut and seal renewed.

Ballast pump: new piston and buckets removed, valves refound, valve gear and stem valve chest removed, supplied by owners.

Fire pump: water chamber liners bored, buckets removed, S&W spindle with seal and gland bushes removed.

Cargo Oil fuel ballast pump: Outboard pump, new buckets with rings fitted, plunger rod machined, new gland and neck bushes fitted, S&W valve overhauled.

Cargo Oil fuel inboard pump: S.P. valve chest overhauled.

Fan engine: new piston rings fitted.

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Main engine: relief valves and cones, impulse valves, chest and controls, connecting rods with the top and bottom end trusses, link gear, eccentric rods with straps and clays, crankshaft fitted, examined along with both halves of main bearings, bridge bearings taken, crank block, shaft, intermediate shafts examined, steel bearings removed and examined along with fullhead gland and stuffing box. All bearings adjusted, stuffing re-aligned, tappets and locking down bolts examined, all aforesaid either found or placed in good order.

Turning engine and reversing engine opened up and examined in their entirety.

Main engine driven pumps: (Air, fuel & Bilge) opened up and examined along with rockers, spindles, levers &

Main and Auxiliary Condensers: degreased and examined and tested.

Main and Auxiliary steam pipes, lines: degreased and examined under hydraulic test to rule requirements.

Main circulating pump: opened up and examined in its entirety.

The following Auxiliaries opened up and examined in their entirety:- Wiro fuel pumps, Ballast pump, general service pump, fire pump, Cargo ballast pumps, fan engine.

Stokehold Heat Exchangers:- both fuel pumps opened up and examined in their entirety, hot fuel oil heaters opened up, casings examined and tested, coils annealed and tested, mountings examined, filters examined.

Wiro fuel heaters examined internally and externally along with mountings.

Evaporator: opened up, examined, coil annealed and tested, mountings examined.

Main Boilers 3 in number: examined internally and externally along with manholes, doors etc. mountings opened up, examined and overhauled, trials examined under hydraulic test, afterwards examined under steam and safety valves set to 150 lbs/sq.

Fuel oil system: fuel suction and discharge valves, diesel controls, pipes and joints examined under working conditions and found satisfactory.

Electrical Equipment:- Generator examined in its entirety and found it placed in good working order. Motor overhauled, examined and magnet tested.

Electric fittings and cables on main and sub-distribution circuits examined along with switchboard gear, fuses & switches, and found it placed in satisfactory condition. Insulation resistance test carried out on all circuits and found it placed in good condition above rule requirements.

Bilge pumping arrangements: pipes, valves, steam truss etc examined and arrangements examined under working conditions.

All cargo ballast pipe lines & valves examined and tested.

All hold heating coils and units examined under test.

Main and Auxiliary Machinery examined under full working conditions and found to be satisfactory.

DAMAGE REPAIRS:- All cargo ballast line pipes and valves removed or repaired as required. All hold heating coil pipes and valves repaired or renewed as required.

Several engine room and stokehold pipes renewed as required.

Bolted duct plate fitted to center boiler air casing.

All packings renewed.

Dynamo armature and field overhauled.

6 locking down bolts renewed.

[Faint, mostly illegible handwriting, likely bleed-through from the reverse side of the page. The text appears to be a letter or a report.]

APL held
 Repair effected for minor damage
 For wear.

It is submitted that
 this vessel is eligible for
 THE RECORD.

Fluco 12.41

[Handwritten initials]

23/1/42

