



Pumps : -

Centrifugal, Ballast, Bilge, Feed (Main & Aux.) & General Service - impellers & casings or cylinders, chambers, covers, rods, valves & gear, suction & delivery valves examined & found or now placed in good condition.

Pumping Arrangements : -

All valves, cocks, piping & strainers examined & found or now placed in good condition.

All lead piping removed in way of machinery spaces.

Steam pipes as required by the Rules examined & tested.

Electric Installation : -

Generators-armatures, commutators, coils, shafting & bearings examined & found now placed in good condition. Insulation tested to Rule requirements.

Oil Fuel Conversion : - (Forced draught)

The vessel has at this time been converted to oil burning, bunkers being arranged in the No.2, 3, 4 & 7 double bottom tanks.

Settling tanks (portable) have been efficiently constructed and installed in way of previous crossbunker space, port & starboard sides, together with suitable drip trays.

The fuel oil units (2 pressure pumps with heaters, Todd system) together with transfer pump have also been efficiently installed in a constructed recess in way of cross bunker, midship.

An alternative means of transferring through suitable connection by the pressure unit pumps.

The settling tanks have been equipped with 2" dia. suction & filling lines, and overflow through sight glasses to No.3 D.B. oil fuel tanks port & starboard.

The drain cocks on the settling tanks are spring loaded type.

Extended spindles for remote control from outside machinery space are supplied to the unit steam shut off, steam smothering & oil fuel high & low suction valves on settling tanks.

All double bottom oil fuel suctions are through a direct change over chest between transfer & ballast pumps.

Oil fuel pressure lines, main & suction lines, have been tested to Rule & found tight.

Drip trays fitted under units & furnace mouths, which also contain sand, sand suction.

Hand lighting apparatus supplied for lighting up from cold.

Tank top under boilers well lighted and all fittings readily accessible.

Lead piping removed from machinery spaces, funnel damper locked in open position and it is confirmed no contamination of boiler feed water is possible through the feed, ballast or bilge lines.

Steam heating coils in way of settling tanks & double bottom tanks tested to Rule and have their drains led to an observation tank situated on after bulkhead in engine room.

The installation upon completion was examined under working condition and found in all respects satisfactory.

Enclosures :

Oil fuel suction & filling system in double bottom tanks.

Steam & exhaust lines.

Oil fuel system in Machinery space.

Repairs (Wear & Tear) : -

M.E. crankshaft lifted and all top & bottom main bearings remetalled.

The vessel's spare tail shaft (new) was fitted at this time -

Stampings : - Spare 630 Lloyd's ~~is~~

Stern tube rewooded.

New coupling bolts (tested material) fitted to tail & thrust shaft couplings.

L.P. piston rod skimmed.

Both main feed pump bucket rods skimmed, neck & gland rings renewed.

M.E. driven air pump rod skimmed & neck ring renewed.

S.W. circulating impeller shaft renewed.

Boilers - a number of tubes expanded.

Centre boiler - one safety valve lid renewed.