

REPAIRS FOR BOILER SURVEY. STARBOARD BOILER (CONT.) Expanded 35 plain tubes in starboard combustion chamber box, 28 plain tubes in centre combustion chamber box, and 32 tubes in port combustion chamber box. Stay tubes caulked as required. Main check internal feed pipe renewed, and minor wear and tear repairs effected to boiler mountings.

PORT BOILER Built up manhole doors and joint-face landings, with welding, and dressed fair.

Port Combustion Chamber:- Expanded 28 plain tubes, and caulked stay tubes as required. Built up, with electric welding, putting along line of fire bars on water side of furnace. Cut out and welded grooving at bottom of gooseneck.

Centre Combustion Chamber:- Caulked furnace gooseneck seam, and back-plate seam. Built up furnace in way of putting, with electric welding. Expanded 12 plain tubes and caulked stay tubes as required.

Starboard Combustion Chamber:- Expanded 18 plain tubes, and caulked stay tubes as required. Built up furnace, with electric welding, in way of putting along line of fire bars.

Renewed collision chock, and built up wastage at bottom of circumferential shell seam. Minor wear and tear repairs effected to boiler mountings.

Now DONE FOR OIL FUEL CONVERSION:- Heating coil pipes, installed in Port and Starboard settling tanks, and Port and Starboard bunker tanks as per approved plans, tested under a hydraulic pressure of 450 lbs. per sq. in. and found satisfactory. Hot oil pipe lines, installed as per approved plans, tested under a hydraulic pressure of 450 lbs. per sq. in. and found satisfactory. Suction and filling pipe lines installed, together with the necessary fittings as per approved plans, tested under a hydraulic test pressure of 50 lbs. per sq. in. and found satisfactory.

Walkdown Shipway Howard system oil burning unit, heater No 212 & 213A, together with one oil fuel transfer pump, No 295131, manufactured by A. L. L. and J. W. Ltd., and all requisite fittings, now installed on board vessel.

One Hawthorn, D. 2 type emergency fire pump, driven by an 11.5 B.H.P. 1300 R.P.M. Russel and Newbury diesel engine, together with the necessary fittings, now installed on board vessel, in steering engine space.

One sand bin with scoops, 1-10 gallon chemical extinguisher, 1-30 ft canvas hose with jet and spray nozzle, now installed in storeroom.

Two 2 gallon chemical extinguishers, and one 30 ft canvas hose, with jet and spray nozzle, now installed in engine room.

Steam smothering perforated steel pipes, installed under boilers, and in way of O.F. unit, examined, tested, and found satisfactory.

No funnel damper, and no lead pipes fitted. All extended spindles and self closing valves fitted as per Rules and approved plans, tested and found satisfactory.

J. A. McIntyre for Self and Wood.
R. Elliott.