

TURBOELEC ESSO LONDON

Port Turbo feed pump - removed to shop, turbine & pump overhauled & refitted.
Evaporators (2) opened up & cleaned.

Boiler repairs. Port boiler. 9 bottom row tubes renewed 2" O.D. 10 B.W.G.
 42 air heater tubes blanked off.

Starboard " 1 bottom row tube renewed
 67 air heater tubes renewed.

After completion of repairs boilers water tested to 550 lbs/sq. in. & found sound & tight.
 Air heater tubes for port boiler have been ordered & will be fitted first opportunity (882 heater tubes each boiler 1½" O.D. 14 B.W.G.)

Stern bush renewed

T2 TANKER. S.H.P. 6000/6600 at 90/93 revs per min

Propeller - Bronze. Dia 19'-6". Pitch 17'-6" at 6'-6" rad. 4 blades. Surface 138.3 sq

Screw shaft. Dia 18½". Thickness of liner 1½"

Length of stern bush bearing. 4'-3" aft, 22" for

Intermediate shaft. - 16½" dia

Thrust shaft - 17½" dia - 18" dia at collar

Coupling bolts - P.C. 2'-2". 9-3¾" dia at coupling face

All coupling flanges - 4" thick

Boilers. Heating surface per unit. Boiler (incl W.W.) 4934 sq

Superheater 842 sq

Waterwalls 158 sq

Air heater 2463 sq

Safety valve setting pressure - Boiler drum - 500 lbs/sq. in. ✓

Sup^r outlet - 464 lbs/sq. in. ✓

Capacity - normal load lbs per hour - Total steam 32,058

Sup^r " 29,908

De - " 2,150

Safety valves. Two Consolidated Type 1553A - 2 inch each boiler

One " " 1553C - 1½" " " superheater

Size of valves as measured. Main 1½". Sup^r 1½"

Main feed - Bailey Thermo hydraulic feedwater regulator - 2" dia

Sup^r " - Hand controlled - 2" dia

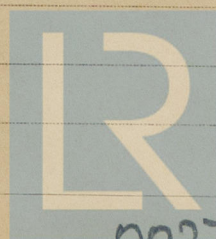
Water gauges - 1 Water gauge with glass

- 1 Reliance Eye Hye water level indicator - gauge glass in engine room.

Turbo feed pumps (2) - 200 gals per min against pressure 575 lbs/sq. in.

Sup^r feed pump - 130 " " " " " "

10 x 7 x 24



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