

S.S. "ESSO BELFAST"

pumps and heaters, electrical installation.

Forward and aft boilers examined in their entirety with superheaters, mountings, doors and fastenings. Boilers examined under steam and safety valves adjusted to 420 lbs. O.F. installation examined under working conditions, fire extinguishing apparatus examined. CO2 bottle weights checked. (Weight list attached). Deck controls to O.F. and steam valves tested and examined.

Note: - Bunker tanks are used as settling tanks. Settling tanks not fitted.

Repairs: -

Thrust collar removed and skimmed and all pads remetalled (scored).

L.P. second pinion shaft bearings re-white metalled, (wear) and shaft bedded and re-aligned satisfactorily. Teeth of pinion honed smooth.

Main feed pump spindle skimmed and bearings re-metalled. Clearance rings renewed.

Aux. feed pump connecting rod renewed and crank ease bottom satisfactorily fitted with steel plate secured by set screws in way of crack about 18" long. (conn.-rod broken as a result of overload on pump).

Water ends of both lub. oil coolers renewed (corrosion).

All pumps generally overhauled and placed in good order.

All bilge valves, strainers and lines overhauled (about 20 ft. of bilge line renewed (corrosion)).

Bottom of shell of evaporator cropped (about 9") and renewed and bottom plate renewed (all welded). (Corrosion of plate and rivet holes). Evaporator tested hydraulically on completion and found satisfactory.

Boiler Repairs: -

P. and s. boiler gauge-glass cocks renewed (wear). P. and s. boiler air heaters partly retubed.

All four safety valve lids and springs renewed (lids worn, springs fatigued).

On completion of repairs quayside trials of main engines and auxiliaries carried out with satisfactory results.

Note: - Repairs were delayed on this vessel due to a strike in the shipyard from 26.4.53 to 10.6.53.

ELECTRICAL INSTALLATION

2 - 300 KW, turbo-dynamos.

1 - 165 KW attached dynamo.

Note: Attached dynamo disconnected and not used.

Both turbo-dynamos cleaned and re-varnished, commutators and brush gear overhauled.

Main circ. pump motor armature rewound.

Aux. circ. pump motor field coils part rewound.

Bilge pump motor field coils part rewound.

Wiring and switch board with warning indicators on bridge to navigation, (double) mast and stern lights renewed.

Five main cables to bridge and accommodation cropped and renewed in centre

Continued/.....

S.S. "ESSO BELFAST"

castle space connected by junction boxes (fire damage).

Forward pump room lamp points renewed with explosion-proof glass covers and strong metal guards and lamp switch fitted in fore peak space away from pump-room.

Centre castle lamp points renewed with explosion-proof glass covers and strong metal guards and lamp switches fitted in accommodation above. All old switches and cable sockets removed from centre castle space.

O.F. pressure pump motors fitted with additional push-switch on main deck level in engineer's alleyway.

Both turbo-dynamos examined under load conditions, governing tested and all found satisfactory.

W. J. M.



© 2020

Lloyd's Register
Foundation