

Electric Fittings examined & tested & found or placed above 100,000 ohms.

The Main Boilers were examined over all parts with doors, mountings, superheaters, & safety valves and found or now placed in good condition. Safety valves adjusted under steam as stated above.

Wear & Tear Repairs:

Aft Engine Room

Port & Starboard M.E. examined all parts.

Crank shafts lifted bearings examined and shafts bedded down.

Starboard No.6 main bearing remetalled.

Main & Aux. Condensers examined under pressure test, minor repairs only.

Aux. Circulating Pump impeller shaft renewed.

Sanitary Pump 1 bucket rod and valve gear pins renewed.

C.O. refrigerator, coils tested, compressor piston rod renewed.

Steering Engine examined all parts, minor renewals and adjustments.

Telemotor gear examined and placed in good order.

Windlass examined all parts, crankshaft renewed.

Stream Anchor Windlass & P. & S. warping winches aft examined and found in good condition, minor renewals and adjustments only.

Air Pump with cooler & ejector, Aux. Air pump, port & starboard feed pumps, ballast pump, bilge pump, aux. diesel generator, dynamos, minor repairs and adjustments only.

Ford Engine Room Pump Room

Main Pumping Engine examined all parts, minor renewals & adjustments only.

Main Pumping Unit impeller removed from shaft. Shaft dressed off. C.I. flange type bearing with detachable C.I. bush renewed. Gland bush renewed, impeller keys renewed. Wearing plates refastened and made good.

Two Stage Booster Flushing Pump:

Engine examined all parts, minor renewals & adjustments only.

Pump impeller & difuser nozzles removed. Shaft dressed off and bronze shaft sleeves renewed, impeller keys renewed.

Air Pump examined all parts, S. & D. valves & piston rings renewed.

Circulating Pump examined all parts, impeller shaft machined, bushes renewed.

Condenser examined, tested and found in good order.

H.P. Hydraulic Pumps (2) examined all parts, minor renewals & adjustments only.

Bilge & Ballst Pump examined all parts, minor renewals and adjustments only.

All hydraulic operating equipment and valves examined, overhauled and placed in good condition.

Examined 1-50" valve to main pump suction.

2-30" " " " " "

10 - butterfly type hopper flushing valves.

20 - gate " " " "

10 - gate " " sea valves.

Extention spindles and casings to hopper sea valves (10) removed, casings and spindles with universal joints renewed. Hydraulic piston leathers renewed.

Main Suction Scoop trunnion bearings lifted and bearings examined and found in order. Lubricating pipes renewed.

Suction Scoop Hoisting Engine & gear examined all parts, minor renewals and adjustments.

Hydraulic Cylinders and pistons for actuating hopper doors examined. Piston leathers renewed.

Tailshafts & bushes, port & starboard examined

Port Tailshaft marked Lloyds No.2157 F.S. 6-8-34 found to have been machined in way of oil seating rings and bush fitted in recess and welded. Shaft condemned and owners' spare tailshaft marked Lloyds No.2172, 10-9-34 F.S., fitted.

Port C.I. stern bush in "A" frame found badly worn and now renewed.

Sea Valves all opened up, overhauled, examined and placed in good order, minor renewals only.

Main Boilers (4) examined internally & externally with mountings, superheater headers, sample elements removed and examined internally and found in good order.

Ford Starboard Boiler 10 plain tubes on top now found deeply pitted & now renewed. Minor renewals to valves & spindles of boiler mountings only.

Ash Ejector Pump examined all parts, piston rings & bucket rings renewed, ship side valve examined & placed in good order. All pipe segements renewed.

Electrical generators, switchboard, fuse boxes & wiring as far as possible examined.

Generators cleaned, brushes adjusted, fuses checked and found or placed in good order.

Minor renewal of defective wiring only.

All circuits megger tested and found or placed above 100,000 ohms.

On completion of repairs, Main & Aux. machinery tested under working conditions and found in good working order. Main pumping engine & auxiliary engines, hydraulic gear, sluice valves tested under working conditions and found good. Pumping arrangements tested and found in good condition.