

Deaerating tank examined internally, air ejectors (4) all examined and found in good condition. Turbo-generator turbines (2) with gears examined and now placed in good condition. The steam and feed water pipe lines throughout examined, hydrostatically tested to comply with Rule requirements and found satisfactory. Air receiver safety valves adjusted under pressure, 140 lbs. psi.

BS Now Done:- Both water tube boilers with superheaters and economizers examined internally and externally with doors, mountings and safety valves, found or now placed in good condition. Both boilers hydrostatically tested to 780 lbs. and proven tight. Safety valves of boilers and superheaters adjusted under steam pressure. Oil fuel burning installation, opened, pumps and heaters found in good condition and tested under working conditions. Fuel oil tank valves, deck controls, oil discharge pipes and ranges found in good condition, accessible, visible and well lighted, all joints tight.

Electrical Now Done:- Generators, motors, switchboards, panels, fuses, breakers and circuits throughout examined, found or now placed in good condition. Insulation resistance megger tested (4,47) found or now placed to comply with Rule requirements. Generators, motors, governors, and trips examined under working condition and found satisfactory.

To Complete Classification Surveys, the following items are outstanding.
LMC LP turbine to be examined.
Tailshaft to be examined, spare tailshaft and propeller to supply.
BS Feed water systems to be altered to comply with Rule Requirements.
Electrical Electric circuits throughout holds to be protected against mechanical damage.

Repairs Now Done:- HP & LP turbine shaft journals honed and carbon packings renewed, turbo-driven feed pump top casing, corroded areas veed out, welded and trued. CO₂ fire extinguishing equipment placed in good condition. Boilers Economizer clean out plugs renewed P & S. Brickwork, both floors renewed. Soot blowers reconditioned. Electrical:- Main generators (2), emergency generator (1), Main circulating pump motor, commutators skimmed and cleaned, windings cleaned and shellaced. Sanitary pump motor reconditioned. Minor repairs carried out to machinery, boiler and electrical equipment.

Alterations:- New additional feed pump, horizontal turbo-centrifugal unit "Coffin" type installed, forward of existing turbo-driven unit, starboard side, and coupled up to existing feed water lines. Economizers (P&S) bypassed, with additional feed water lines, fitted in way of crossover valve and steam drum inlets complete with necessary stop, check and relief valves.

For information of the Committee:- Tailshaft reported drawn March 7th, 1947 at Newport News, examined by American Bureau Surveyors and stated to be in good condition, wear down 1/8", Micarta lining in stern bush in good condition.

W. Bloomfield

Date of writing
No. in Survey
Reg. Book
6785 on
9339
Built at
Engines made
Boilers made
Shaft Horse
Nom. Horse
Trade for
STEAM
No. of Turb
direct couple
or supplying
TURBINE
BLADES
1ST EXPAN
2ND
3RD
4TH
5TH
6TH
7TH
8TH
9TH
10TH
11TH
12TH
Shaft Horse
Rotor Shaft
Distance be
Flexible P
Shafts, dia
Wheel Sha
Intermedia
Screw Sha
Thickness be
made by fus
plastic mater
or other app
Propeller,
If Single S
Condenser
Pumps com
Ballast Pur
Are two inde
Pumps, No.
In Holds, &
Main Wat
Bilges, No.
Are the Bilg
Are all Sea
Are they fixe
Are they eac
What pipes
What pipes
Are all Pipes
Is the arrang
compartment

