

(Received at London Office.....)

on the Machinery of the ~~Wood Iron or Steel~~ S.S. "TRANQUEBAR" ex KINGS POINT VICTORY

Main Boilers	225 108	If Surveyed Afloat or in Dry Dock Afloat (State name of Dock.) Prospect Terminal Piers	Particulars of Classification (which must be inserted <u>precisely as in Register Book &amp; Supplements).</u>
Donkey Boilers	-		

Offered his services for this purpose, and why they were declined	Not required		
Damage report made by anyone else? If so, by whom?	-		

What special means, in the absence of internal examination, were adopted by the Inspector to assure himself of the thorough efficiency of those parts of each Boiler? Both Boilers hydrostatically tested to 780 lbs.

e Surveyor examine all the mountings of the Main Boilers? Yes, and of the Donkey Boilers? Yes

the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? Yes

lined main and auxiliary circulating pumps, main and auxiliary condensate pumps. Two vertical

\* LMC 140 lb., F.D., &c.)  
CS 3,34,  
condition and eligible, in my opinion, to be classed with this Society, with a record of LMC

Shipping expenses (if chargeable)..... \$ : : ] 19.....

7. B. (sp) 525 hrs.



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, hydrastatically 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 hydrastatically 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. CO<sub>2</sub> 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.

*Y. Bloomfield*

Date of writing  
No. in Survey  
Reg. Book  
9339  
Built at  
Engines made  
Boilers made  
Shaft Horse  
Nom. Horse  
Trade for  
STEAM  
No. of Turb  
direct couple  
or supplying  
TURBINE  
BLADE  
1ST EXPA  
2ND  
3RD  
4TH  
5TH  
6TH  
7TH  
8TH  
9TH  
10TH  
11TH  
12TH  
Shaft Horse  
Rotor Shaft  
Distance be  
Flexible Pi  
Shafts, dia  
Wheel Sha  
Intermedia  
Screw Sha  
Thickness be  
made by fus  
plastic mater  
or other app  
Propeller,  
If Single Se  
Condenser  
Pumps com  
Ballast Pum  
Are two inde  
Pumps, No.  
In Holds, &  
Main Water  
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