

5-A 24.L.A.

10

Are the stays drilled at the outer ends No Margin stays: Diameter At turned off part, or Over threads 2 1/8"

No. of threads per inch Nine (9)

Tubes: Material Steel Sol. Dr. External diameter Plain 3" Stay 3" Thickness 5/8" - 5/16" No. of threads per inch Nine

Pitch of tubes 4 1/4" x 4 1/8" Manhole compensation: Size _____

shell plate _____ Section of compensating ring _____ No. of rivets and diameter of rivet holes _____

Outer row rivet pitch at ends _____ Depth of flange if manhole flanged _____ Steam Dome: Material _____

Tensile strength _____ Thickness of shell _____ Description of longitudinal joint _____

Diameter of rivet holes _____ Pitch of rivets _____ Percentage of strength of joint Plate Rivets

Internal diameter _____ Thickness of crown _____ No. and _____ stays _____ Inner radius of crown _____

How connected to shell _____ Size of doubling plate under dome _____ Diameter of rivet holes _____

of rivets in outer row in dome connection to shell _____

Type of Superheater _____ Manufacturers of Tubes Steel forgings Steel castings

Number of elements _____ Material of tubes _____ Internal diameter and thickness of tubes _____

Material of headers _____ Tensile strength _____ Thickness _____ Can the superheater be _____ the boiler be worked separately _____ Is a safety valve fitted to every part of the superheater which can be shut off from the boiler _____

Area of each safety valve _____ Are the safety valves fitted with easing gear _____

Pressure to which the safety valves are adjusted _____ Hydraulic test _____ tubes _____ forgings and castings _____ and after assembly in place _____

valves fitted to free the superheater from water where necessary _____ Are drawn _____

Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with Yes

The foregoing is a correct description
 WESTERN PIPE & STEEL COMPANY OF CALIFORNIA
J. J. Muelich
 ASST. SECRETARY

Dates of Survey During progress of work in shops -- 10th Sept. to 31st Oct. 1941 During erection on board vessel -- _____

the approved plans of boiler and superheater forwarded herewith (If not state date of approval.) 28th Apr

Total No. of visits 20

Is this Boiler a duplicate of a previous case Yes If so, state Vessel's name and Report No. L.An BLR. Rpt. No. 1

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The boiler, so far as stated has been built under Special Survey in accordance with the Rules and approved plans, and the workmanship and material is good. It has been satisfactorily tested to 380 lbs. per sq. in. by hydraulic pressure in the presence of the undersigned. It has been forwarded to Richmond California, to be fitted on board, and when this has been done in accordance with the Rules vessel will be eligible, in my opinion, to receive the notation, *LMC with date, and 220 lbs. and F. D. in the Register Book.

Survey Fee <u>£ 12.00</u>	:	:	When applied for,	19
Travelling Expenses (if any) £	:	:	When received,	19

James Anderson
 Engineer Surveyor to Lloyd's Register of

Committee's Minute NEW YORK MAR 18 1942

Assigned See Richmond Rpt. No. 9.



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