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REC'D NEW YORK JUL 25 1921

Rpt. 5a.

REPORT ON BOILERS

No. 3569

AT 12 AUG. 1921

Received at London Office

Date of writing Report July 8 1921 When handed in at Local Office 1921 Port of San Francisco, California
No. in Survey held at Oakland, California Date, First Survey May 25 Last Survey July 8 1921
Reg. Book. on the Steel Steamer "ACHATINA" (Number of Visits 6) Gross 5817 Tons Net 3446
Master G. A. Thomas Built at Oakland, Calif. By whom built Union Construction Co When built 7-1921
Engines made at _____ By whom made _____ When made 1921
Boilers made at Seattle, Washington By whom made Commercial Boile Works When made 1921
Registered Horse Power _____ Owners Anglo Saxon Petroleum Co Port belonging to London

MULTITUBULAR BOILERS ~~MAIN, AUXILIARY OR~~ DONKEY.—Manufacturers of Steel

(Letter for record _____) Total Heating Surface of Boilers 1304 Is forced draft fitted No. No. and Description of Boilers One Scotch Marine S.E. Working Pressure 120 lb. Tested by hydraulic pressure to _____ Date of test _____
No. of Certificate _____ Can each boiler be worked separately ☒ Area of fire grate in each boiler Pit Burner No. and Description of safety valves to each boiler Twin Spig. loaded Area of each valve 9.8 sq" Pressure to which they are adjusted 120 lb.
Are they fitted with easing gear Yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler No.
Smallest distance between boilers or uptakes and bunkers or woodwork ☒ Mean dia. of boilers _____ Length _____
Material of shell plates _____ Thickness _____ Range of tensile strength _____ Are the shell plates welded or flanged _____
Descrip. of riveting: cir. seams _____ long. seams _____ Diameter of rivet holes in long. seams _____ Pitch of rivets _____
Lap of plates or width of butt straps _____ Per centages of strength of longitudinal joint _____ Working pressure of shell by rules _____
Size of manhole in shell _____ Size of compensating ring _____ No. and Description of Furnaces in each boiler _____
Material _____ Outside diameter _____ Length of plain part _____ Thickness of plates _____
Description of longitudinal joint _____ No. of strengthening rings _____ Working pressure of furnace by the rules _____ Combustion chamber _____
plates: Material _____ Thickness: Sides _____ Back _____ Top _____ Bottom _____ Pitch of stays to ditto: Sides _____ Back _____
Top _____ If stays are fitted with nuts or riveted heads _____ Working pressure by rules _____ Material of stays _____ Area at smallest part _____
Area supported by each stay _____ Working pressure by rules _____ End plates in steam space: Material _____ Thickness _____
Pitch of stays _____ How are stays secured _____ Working pressure by rules _____ Material of stays _____ Area at smallest part _____
Area supported by each stay _____ Working pressure by rules _____ Material of Front plates at bottom _____ Thickness _____ Material of Lower back plate _____ Thickness _____ Greatest pitch of stays _____ Working pressure of plate by rules _____ Diameter of tubes _____
Pitch of tubes _____ Material of tube plates _____ Thickness: Front _____ Back _____ Mean pitch of stays _____ Pitch across wide water spaces _____ Working pressures by rules _____ Girders to Chamber tops: Material _____ Depth and thickness of girder at centre _____ Length as per rule _____ Distance apart _____ Number and pitch of Stays in each _____
Working pressure by rules _____ Steam dome: description of joint to shell _____ % of strength of joint _____
Diameter _____ Thickness of shell plates _____ Material _____ Description of longitudinal joint _____ Diam. of rivet holes _____
Pitch of rivets _____ Working pressure of shell by rules _____ Crown plates _____ Thickness _____ How stayed _____

SUPERHEATER. Type _____ Date of Approval of Plan _____ Tested by Hydraulic Pressure to _____
Date of Test _____ Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler _____
Diameter of Safety Valve _____ Pressure to which each is adjusted _____ Is Easing Gear fitted _____
Boiler fixed on Tideley flat
Safety valves adjusted July 8, 1921
Safety valve settings Pt 1/32" Std 3/8"
The foregoing is a correct description,
Union Construction Co by H. S. Peake Manufacturer.

Dates of Survey _____ During progress of work in shops _____ Is the approved plan of boiler forwarded herewith _____
while building _____ During erection on board vessel _____ Total No. of visits 6

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

Donkey Boile Mark.

Nº 264
LLOYD'S TEST
T.R. 180 lbs
W.P. 120 "
J.F. 15-2-21

Shipping. Survey Fee ... £ _____ When applied for, _____ 1921
Travelling Expenses (if any) See S.F. March Rpt. _____ When received, _____ 1921

Committee's Minute
Assigned

New York JUL 26 1921

See S.F. 3569

TUE. 7 JUL 1921

H. V. Lawson
Engineer Surveyor to Lloyd's Register of Shipping.

