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REPORT ON BOILERS.

No. 6720.

of writing Report 29.3.11
 in Survey held at Stockton-on-Tees Date, First Survey 29th Mar 11 Port of MIDDLESBROUGH-ON-TEES
 Book. THUR. 20 APR 1911
THUR. 30 MAR 1911
 on the boiler for the Iron Steamer Trawler "Jersey" (not classed) Last Survey 24th March 1911
 Built at Beverley By whom built Cochrane & Cooper Tons { Gross }
 When built 1895-2 Net
 Made at Hull By whom made G.D. Holmes & Co when made 1895
 Made at Stockton By whom made Piley Bros Lim^d (N^o 4277) when made 1911
 Registered Horse Power Owners Hull Steam Fishing & Ice Boat Co. Port belonging to Hull

WATER-TUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel J. Spencer & Sons

for record (S) Total Heating Surface of Boilers 580 sq ft Is forced draft fitted No No. and Description of
One single ended Working Pressure 180 Tested by hydraulic pressure to 360 Date of test 24.3.11
 Certificate 4608 Can each boiler be worked separately
 Area of fire grate in each boiler 23 sq ft No. and Description of
 valves to each boiler Two, spring loaded Area of each valve 3.1416 Pressure to which they are adjusted 180 LBS.
 Are they fitted with easing gear Yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler
 Minimum distance between boilers or uptakes and bunkers or woodwork 4" Inside Mean dia. of boilers 9'-6" Length 9'-0"
 Material of shell plates steel Thickness 15/16" Range of tensile strength 28-32 Are the shell plates welded or flanged no
 Kind of riveting: cir. seams 2 Riv lap long. seams 2 Riv - 3 Riv Diameter of rivet holes in long. seams 1 1/16" Pitch of rivets 7 3/4"
 Width of butt straps 15 x 15/16 Per centages of strength of longitudinal joint rivets 91.25 Working pressure of shell by
216 Size of manhole in shell 16" x 12" Size of compensating ring 9" x 3/4" plate 86.32
 No. and Description of Furnaces in each
2 plain Material steel Outside diameter 35 1/2" Length of plain part top 5'-6 1/2" Thickness of plates crown } 49
 bottom } 64
 Method of longitudinal joint welded No. of strengthening rings none Working pressure of furnace by the rules 230 Combustion chamber
 Material steel Thickness: Sides 2 1/32 Back 2 1/32 Top 2 1/32 Bottom 2 1/32 Pitch of stays to ditto: Sides 7 1/4 x 9 Back 9" x 8"
7 1/4" If stays are fitted with nuts or riveted heads nuts Working pressure by rules 205 Material of stays steel Diameter at
 top part 1 1/2" Area supported by each stay 72 Working pressure by rules 220 End plates in steam space: Material steel Thickness 7/8 x 15/16
 of stays 14 x 13 How are stays secured nuts & washers Working pressure by rules 187 Material of stays steel Diameter at smallest part 2.29
 Area supported by each stay 178.5 Working pressure by rules 240 Material of Front plates at bottom steel Thickness 15/16" Material of
 back plate steel Thickness 7/8" Greatest pitch of stays 15" x 8" Working pressure of plate by rules 183 Diameter of tubes 3 1/4"
 Material of tube plates steel Thickness: Front 15/16" Back 7/8" Mean pitch of stays 9" Pitch across wide
 plates 14" Working pressures by rules 195 lbs Girders to Chamber tops: Material steel Depth and thickness of
 centre 7 x 15/8" Length as per rule 30" Distance apart 7" Number and pitch of Stays in each 2 @ 9"
 Working pressure by rules 192 Superheater or Steam chest; how connected to boiler none Can the superheater be shut off and the boiler worked
 Diameter Length Thickness of shell plates Material Description of longitudinal joint Diam. of rivet
 Pitch of rivets Working pressure of shell by rules Diameter of flue Material of flue plates Thickness
 Distance between rings Working pressure by rules End plates: Thickness How stayed
 Working pressure of end plates Area of safety valves to superheater Are they fitted with easing gear

FOR THE FOREGOING IS A CORRECT DESCRIPTION,
A. Reed Manufacturer.

During progress of work in shops - - - 1911. 27. 8. 27. 10. 14. 16. 20. 24.
 During erection on board vessel - - -
 Is the approved plan of boiler forwarded herewith yes
 Total No. of visits 9

REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been built under
Survey, is of good material and workmanship and on completion was tested
hydraulic pressure with satisfactory results
It has now been fitted on board.
Survey request to be attached

Survey Fee ... £ 2-2-0 When applied for Monthly etc.
 Calling Expenses (if any) £ ... When received, ...

Wm Morrison & A R Whittell
 Engineer Surveyors to Lloyd's Register of British and Foreign Shipping.

Surveyor's Minute
 Not for classing Committee

APR. 25 APR 1911



HUL 426-0168

for re-instatement
of class. Machinery exam^d
by pay

submitted further action in this
case is unnecessary as the
boiler is to be fitted on
board of an unclassed
vessel.

APR 31-3-11



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