

REPORT ON BOILERS.

No. 6720.

of writing Report 29.3.11 When handed in at Local Office 29.3.11 Port of MIDDLESBROUGH-ON-TEES, THUR. 20 APR 1911 THUR. 30 MAR 1911

Survey held at Stockton-on-Tees Date, First Survey 29.3.11 Last Survey 24.3.11

Book. on the boiler for the Iron Steamer Trawler "Jersey" (not classed) (Number of Visits 9) Gross Tons { Net Tons {

er Built at Beverley By whom built Cochrane & Cooper When built 1895-2

nes made at Hull By whom made G.D. Holmes & Co when made 1895

rs made at Stockton By whom made Riley Bros Lim^d (N^o 4277) when made 1911

stered Horse Power Owners Hull Steam Fishing & Ice Co Lim^d Port belonging to Hull

LTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel J. Spencer & Sons

for record (S) Total Heating Surface of Boilers 580 sq Is forced draft fitted No. and Description of

rs 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 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.

ey fitted with easing gear Yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

st distance between boilers on upstays and bunkers or woodwork 4" Inside Mean dia. of boilers 9'-6" Length 9'-0"

al of shell plates steel Thickness 15/16 Range of tensile strength 28-32 Are the shell plates welded or flanged no

p. of riveting: cir. seams 2 Riv lap long. seams 2 1/2 Riv 5 Rivts in pitch Diameter of rivet holes in long. seams 1 1/16 Pitch of rivets 7 3/4

plates or 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

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

otion 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

9" If stays are fitted with nuts or riveted heads nuts Working pressure by rules 205 Material of stays steel Diameter at

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

f 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

upported by each stay 178.5 Working pressure by rules 240 Material of Front plates at bottom steel Thickness 15/16 Material of

ck 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

tubes 4 1/2 x 4 1/2 Material of tube plates steel Thickness: Front 15/16 Back 7/8 Mean pitch of stays 9" Pitch across wide

ices 14" Working pressures by rules 195 1/2 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"

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

d with rings Distance between rings Working pressure by rules End plates: Thickness How stayed

pressure of end plates Area of safety valves to superheater Are they fitted with easing gear

FOR THE FOREGOING IS A CORRECT DESCRIPTION,

Manufacturer.

During progress of 1911. 29.3.11. 27.4.11. 27.10.11. 16.2.12.

work in shops - - -

During erection on board vessel - - -

Is the approved plan of boiler forwarded herewith yes

Total No. of visits 9

AL 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

draulic pressure with satisfactory results

has now been fitted on board.

Survey request to be attached

Key Fee ... £ 2-2-0 When applied for Monthly etc.

elling Expenses (if any) £ When received, 19.

Wm Morrison & A R Whittell

Engineer Surveyors to Lloyd's Register of British and Foreign Shipping.

ittee's Minute 25 APR 1911

ed not for classing Committee

18/4/11

HUL 426-0168

for re-instatement
of class. Machinery examd
by Repay

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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