

REPORT ON BOILERS.

No. 30114

Received at London Office

When handed in at Local Office 23-8-17 Port of Hull
Survey held at Hull Date, First Survey 30-9-15 Last Survey 23-8-1917
(Number of Visits 24) Gross 507 Tons Net 210
on the New boiler for S.S. Dickey
Built at Maryport By whom built Riton Co.
Made at Glasgow By whom made Ross & Duncan
Made at Hull By whom made C.D. Holmes & Co. Ltd.
Horse Power 52 Owners Goole & Hull Steam Towing Co. Ltd. Port belonging to Liverpool
When built 1901-2
When made 1901
When made 1917.

TUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel Stewarts & Lloyds

For record 2 Total Heating Surface of Boilers 1366 # Is forced draft fitted no No. and Description of
one single ended Working Pressure 160 lbs Tested by hydraulic pressure to 320 lbs Date of test 25-11-15
Certificate 3114 Can each boiler be worked separately Area of fire grate in each boiler 46 # No. and Description of
boilers to each boiler Two spring loaded Area of each valve old valves used Pressure to which they are adjusted 163 lbs #
fitted with easing gear yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler
distance between boilers or uptakes and bunkers or woodwork 2'-0" Int. dia. of boilers 160" Length 9'-6"
of shell plates steel Thickness 1" Range of tensile strength 28-32 Are the shell plates welded or flanged no
of riveting: cir. seams double long. seams J.R.D.B.S. Diameter of rivet holes in long. seams 1 1/16" Pitch of rivets 7 1/2"
plates or width of butt straps 15" Per centages of strength of longitudinal joint rivets 88.2 plate 85.8 Working pressure of shell by
5 Size of manhole in shell 12" x 16" Size of compensating ring 7" x 1" No. and Description of Furnaces in each
one plain Material steel Outside diameter 39" Length of plain part top 72" Thickness of plates crown 1 1/16" bottom 1 1/16" x 1 1/8"
on of longitudinal joint welded No. of strengthening rings Working pressure of furnace by the rules 162 Combustion chamber
Material steel Thickness: Sides 2 1/32" Back 2 1/32" Top 2 1/32" Bottom 1 1/8" Pitch of stays to ditto: Sides 10" x 9" Back 10" x 9 1/2"
7 1/2" If stays are fitted with nuts or riveted heads nuts Working pressure by rules 161 Material of stays iron Diameter at
part 2 1/4" Area supported by each stay 113" Working pressure by rules 160 End plates in steam space: Material steel Thickness 1 1/8"
stays 18" x 18" How are stays secured A.H.W. Working pressure by rules 164 Material of stays steel Diameter at smallest part 5.27"
ported by each stay 324 Working pressure by rules 169 Material of Front plates at bottom steel Thickness 1 5/16" Material of
back plate steel Thickness 2 7/32" Greatest pitch of stays 14 1/2" x 9 1/2" Working pressure of plate by rules 162 Diameter of tubes 3 1/2"
tubes 4 7/8" Material of tube plates steel Thickness: Front 1 5/16" Back 1 3/16" Mean pitch of stays 11" Pitch across wide
aces 14 1/2" Working pressures by rules 160 Girders to Chamber tops: Material steel Depth and thickness of
centre 8 1/2" x 1 3/4" Length as per rule 31 1/2" Distance apart 11" Number and pitch of Stays in each three - 7 1/2"
pressure by rules 162 Superheater or Steam chest; how connected to boiler 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
ed 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

The foregoing is a correct description,

P. pro CHARLES D. HOLMES & CO. LTD.

Manufacturer.

C.D. Holmes & Co. Ltd. DIRECTOR

Is the approved plan of boiler forwarded herewith yes.

Total No. of visits 24

During progress of 1915, 30-9, 5-8-12-16, 23-25-27-10-15.
work in shops - - - 2-5-9, 11-12-16, 18-22-24-25-11-15
During erection on 10-8-17, 13-8-17, 16, 20, 22-23-8-17
board vessel - - -

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

Boiler has been constructed under special survey in accordance with the approved plan
rules of this Society the materials & workmanship are good. It has been tested as above
hydraulic pressure found sound tight. It has been properly fitted & secured on board
vessel its safety valves adjusted.

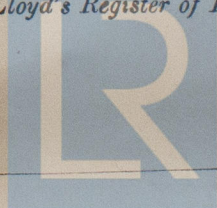
Survey Fee ... £ 4 : 11 : When applied for, 30-12-1915 WR
Travelling Expenses (if any) £ : : When received, 31-12-1915 WR.

Frank A. Stanger & W. H. Roberts

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

Committee's Minute FR 31 AUG. 1917

Signed

Lloyd's Register
Foundation

W1081-0296