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1927 Jan 31 Feb 4-9-10-16-18-22-26 Mar 3-8-10-11-14-16-22-23-25-29-30 Apr 1-4-5-6-7-13-14-18-22-23-24-25-26-27-28-29-30 May 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 June 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 July 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30 Aug 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30
During progress of work in shops
During erection on board vessel
Total No. of visits
Dates of Examination of principal parts—Cylinders
Slides
Covers

pt. 5a.

REPORT ON BOILERS.

No. 47211

Received at London Office - 9 NOV 1927

Date of writing Report

192

When handed in at Local Office

31. 10. 1927

Port of

Glasgow

No. in
y. Book

Survey held at

Glasgow

Date, First Survey

31. 1. 27

Last Survey

27. 10. 1927

1927

on the

new steel S/S "PLANTER".

(Number of Visits)

86

(Gross)

Tons

(Net)

aster

Built at

Glasgow

By whom built

Charles Bonnell & Co. Ltd

Yard No. 408

When built

1924



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Lloyd's Register
Foundation

Working pressure by Rules 218 Are the stays drilled at the outer ends ☒ Margin stays: Diameter { At turned off part, ☒ or Over threads. ☒

No. of threads per inch ☒ Area supported by each stay ☒ Working pressure by Rules ☒

Tubes: Material Iron External diameter { Plain 3 1/2" Stay 3 1/2" Thickness { 7 W.S. 3/8" No. of threads per inch 9

Pitch of tubes 4 3/8" 4 7/8" 4 1/2" Working pressure by Rules 260 Manhole compensation: Size of opening

shell plate 19 1/2" x 15 1/2" Section of compensating ring 8 1/2" x 1 1/2" No. of rivets and diameter of rivet holes 34 @ 1 1/2"

Outer row rivet pitch at ends 10 1/8" Depth of flange if manhole flanged 3" Steam Dome: Material none

Tensile strength 80A Thickness of shell Description of longitudinal joint

Diameter of rivet holes 2 1/2" Pitch of rivets 2 1/2" Percentage of strength of joint { Plate ☒ Rivets ☒

Internal diameter 28 1/2" Working pressure by Rules Thickness of crown No. and diameter

stays 28 1/2" Inner radius of crown Working pressure by Rules

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

of rivets in outer row in dome connection to shell

Type of Superheater Smoke tube (See Mach Rpt) Manufacturers of { Tubes - Steel castings -

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

Material of headers - Tensile strength 411 Thickness 1/2" Can the superheater be shut off

the boiler be worked separately yes Is a safety valve fitted to every part of the superheater which can be shut off from the boiler yes

Area of each safety valve 1.76 sq. ft. Are the safety valves fitted with easing gear yes Working pressure as

Rules Pressure to which the safety valves are adjusted 217 Hydraulic test pressure

tubes castings and after assembly in place 420 lb. Are drain cocks or valves fitted

to free the superheater from water where necessary yes

Have all the requirements of Sections 14 to 23 inclusive for boilers been complied with yes

The foregoing is a correct description,
For David Rowan & Co. Ltd. Manufacturer
Arch. W. Morrison

Dates of Survey { During progress of work in shops - See Accompanying Machinery report Are the approved plans of boiler and superheater forwarded herewith (If not state date of approval.)

while building { During erection on board vessel - - - - -

Total No. of visits 86

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

The materials and workmanship are good.

The boilers have been constructed under special Survey in accordance with the Rules. They have been satisfactorily fitted in the vessel and their safety valves adjusted under steam.

Survey Fee ... £ See Mach Rpt When applied for, 192

Travelling Expenses (if any) £ : : When received, 192

S. Davis

Engineer Surveyor to Lloyd's Register of Shipping

Committee's Minute GLASGOW 8 - NOV 1927

Assigned See accompanying report.