

REPORT ON BOILERS.

No. 90775

Received at London Office

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Writing Report 1st Dec 33 When handed in at Local Office 1st Dec 33 Port of NEWCASTLE-ON-TYNE

Survey held at Newcastle-on-Tyne (Wallend) Date, First Survey 14 Sept Last Survey 23.11. 1933

on the STEEL TWIN SC. "TAIROA" (Number of Visits) Tons { Gross 7983 Net 5048

Built at Newcastle By whom built Armstrong Whitworth & Co. Ltd When built 1920.7

Made at Newcastle By whom made R. E. Marine Eng. Co. Ltd Engine No. When made 1920

Made at Newcastle By whom made R. E. Marine Eng. Co. Ltd Boiler No. When made 1920

Horse Power 1011 Owners Shaw, Savill & Albion Co. Ltd. Port belonging to Southampton

TITUBULAR BOILERS—MAIN, ~~AUXILIARY~~, OR ~~DONKEY~~.

Material of Steel Fitting of Superheaters (Letter for Record)

Heating Surface of Boilers Is forced draught fitted Coal or Oil fired

Description of Boilers Working Pressure

by hydraulic pressure to Date of test No. of Certificate Can each boiler be worked separately

Firegrate in each Boiler No. and Description of safety valves to each boiler

of each set of valves per boiler { per Rule as fitted Pressure to which they are adjusted Are they fitted with easing gear

of donkey boilers, state whether steam from main boilers can enter the donkey boiler

at distance between boilers or uptakes and bunkers or woodwork Is oil fuel carried in the double bottom under boilers

at distance between shell of boiler and tank top plating Is the bottom of the boiler insulated

internal dia. of boilers Length Shell plates: Material Tensile strength

Are the shell plates welded or flanged Description of riveting: circ. seams { end inter.

Diameter of rivet holes in { circ. seams long. seams Pitch of rivets {

Percentage of strength of circ. end seams { plate rivets Percentage of strength of circ. intermediate seam { plate rivets

Working pressure of shell by Rules

No. and Description of Furnaces in each Boiler

Tensile strength Smallest outside diameter

Thickness of plates { crown bottom Description of longitudinal joint

Working pressure of furnace by Rules

Material Tensile strength Thickness Pitch of stays

Working pressure by Rules

Material { front back Tensile strength { Thickness {

Working pressure { front back

Material Tensile strength Depth and thickness of girder

Length as per Rule Distance apart No. and pitch of stays

Working pressure by Rules Combustion chamber plates: Material

Thickness: Sides Back Top Bottom

Are stays fitted with nuts or riveted over

Working pressure by Rules Front plate at bottom: Material Tensile strength

Material Tensile strength Thickness

Are stays fitted with nuts or riveted over

Main stays: Material Tensile strength

No. of threads per inch Area supported by each stay

Screw stays: Material Tensile strength

No. of threads per inch Area supported by each stay



