

REPORT ON BOILERS.

No. 11279.

Received at London Office 25 AUG 1945

Date of writing Report 14th Dec 40 When handed in at Local Office 19 Port of Copenhagen

No. in Reg. Book 8058 Survey held at Copenhagen Date, First Survey 28th June 1940 Last Survey 14th Nov. 1940

on the Steel Tanker Motor Vessel ADELAIDE STAR (Number of Visits 13) Gross 12349 Tons Net 7545

Built at Copenhagen By whom built As Burnmaster - Wain's Yard No. 646 When built 1940

Engines made at Copenhagen By whom made As Burnmaster - Wain's Engine No. 3013 When made 1940

Boilers made at Belfast By whom made Harland & Wolff Ltd. Boiler No. 15189 When made 1939

Owners Blue Star Line Ltd. Port belonging to London

VERTICAL DONKEY BOILER.

Made at Belfast By whom made Harland & Wolff Ltd. Boiler No. 15189 When made 1939 Where fixed In the funnel

Manufacturers of Steel Belfast

Total Heating Surface of Boiler 12503 Coal or Oil fired Oil

No. and Description of Boilers 1 Working pressure 80 lb/sq in

Tested by hydraulic pressure to Please see Date of test 12503 No. of Certificate 12503

Area of Firegrate in each Boiler 12503 No. and Description of safety valves to each boiler 12503

Area of each set of valves per boiler 12503 Pressure to which they are adjusted 80 lb/sq in Are they fitted with easing gear yes

State whether steam from main boilers can enter the donkey boiler No main boiler fitted Smallest distance between boiler or uptake and bunkers No

or woodwork No Is oil fuel carried in the double bottom under boiler No Smallest distance between base of boiler and tank top plating No

Is the base of the boiler insulated yes Largest internal dia. of boiler 12503 Height 12503

Shell plates: Material 12503 Tensile strength 12503 Thickness 12503

Are the shell plates welded or flanged 12503 Description of riveting: circ. seams 12503 long. seams 12503

Dia. of rivet holes in 12503 Pitch of rivets 12503 Percentage of strength of circ. seams 12503 of Longitudinal joint 12503

Working pressure of shell by rules 12503 Thickness of butt straps 12503

Shell Crown: Whether complete hemisphere, dished partial spherical, or flat 12503 Material 12503

Tensile strength 12503 Thickness 12503 Radius 12503 Working pressure by rules 12503

Description of Furnace: Plain, spherical, or dished crown 12503 Material 12503 Tensile strength 12503

Thickness 12503 External diameter 12503 Length as per rule 12503 Working pressure by rules 12503

Pitch of support stays circumferentially 12503 and vertically 12503 Are stays fitted with nuts or riveted over 12503

Diameter of stays over thread 12503 Radius of spherical or dished furnace crown 12503 Working pressure by rule 12503

Thickness of Ogee Ring 12503 Diameter as per rule 12503 Working pressure by rule 12503

Combustion Chamber: Material 12503 Tensile strength 12503 Thickness of top plate 12503

Radius if dished 12503 Working pressure by rule 12503 Thickness of back plate 12503 Diameter if circular 12503

Length as per rule 12503 Pitch of stays 12503 Are stays fitted with nuts or riveted over 12503

Diameter of stays over thread 12503 Working pressure of back plate by rules 12503

Tube Plates: Material 12503 Tensile strength 12503 Thickness 12503 Mean pitch of stay tubes in nests 12503

If comprising shell, Dia. as per rule 12503 Pitch in outer vertical rows 12503 Dia. of tube holes FRONT 12503 BACK 12503

Is each alternate tube in outer vertical rows a stay tube 12503 Working pressure by rules 12503

Girders to combustion chamber tops: Material 12503 Tensile strength 12503

Depth and thickness of girder at centre 12503 Length as per rule 12503

Distance apart 12503 No. and pitch of stays in each 12503 Working pressure by rule 12503

