

REPORT ON BOILERS.

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Date of writing Report 4th Oct. 1949. When handed in at Local Office 8th Oct. 1949. Port of Gothenburg

No. in Reg. Book. Survey held at Gothenburg Date, First Survey 26th July Last Survey 22nd September 1949. (Number of Visits 24)

40015 on the Motor Tanker "PERICLE S" Tons Gross 9938 Net 5893

Master --- Built at Gothenburg By whom built A-B. Götaverken Yard No. 630 When built 1949

Engines made at Gothenburg By whom made A-B. Götaverken Engine No. 2038 When made 1949

Boilers made at Stockton By whom made Stockton C.E. & Riley Boilers, Ltd. Boiler No. 6992-3 When made 1947

Nominal Horse Power 1120 Owners D/S A/S Eikland Port belonging to Oslo

MULTITUBULAR BOILERS MAIN, AUXILIARY, OR DONKEY.

Manufacturers of Steel Appleby-Frodingham Steel Co., Ltd. (Letter for Record)

Total Heating Surface of Boilers 2 x 1850 sq. feet Is forced draught fitted Yes Coal or Oil fired Oil

No. and Description of Boilers Single ended multitubular marine Working Pressure 150 lbs/in²

Tested by hydraulic pressure to 275 lb/in² Date of test 17/1&9/2 48 No. of Certificate 7229-7231 Can each boiler be worked separately Yes

Area of Firegrate in each Boiler --- No. and Description of safety valves to each boiler 1 double spring loaded

Area of each set of valves per boiler per Rule 9032.0 mm² as fitted 11349.0 mm² Pressure to which they are adjusted 150 lb/in² Are they fitted with easing gear Yes

In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler Main boiler not fitted About 1 Metre from

Smallest distance between boilers or uptakes and bunkers or woodwork After Peak Bhd. Is oil fuel carried in the double bottom under boilers No

Smallest distance between shell of boiler and tank top plating Boilers on a platform aft in ER Is the bottom of the boiler insulated Yes

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

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

long. seams 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

Percentage of strength of longitudinal joint plate rivets combined Working pressure of shell by Rules

Thickness of butt straps outer inner No. and Description of Furnaces in each Boiler

Material Tensile strength Smallest outside diameter

Length of plain part top bottom Thickness of plates crown bottom Description of longitudinal joint

Dimensions of stiffening rings on furnace or c.c. bottom Working pressure of furnace by Rules

End plates in steam space: Material Tensile strength Thickness Pitch of stays

How are stays secured Working pressure by Rules

Tube plates: Material front back Tensile strength Thickness

Mean pitch of stay tubes in nests Pitch across wide water spaces Working pressure front back

Girders to combustion chamber tops: Material Tensile strength Depth and thickness of girder

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

in each Working pressure by Rules Combustion chamber plates: Material

Tensile strength Thickness: Sides Back Top Bottom

Pitch of stays to ditto: Sides Back Top Are stays fitted with nuts or riveted over

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

Thickness Lower back plate: Material Tensile strength Thickness

Pitch of stays at wide water space Are stays fitted with nuts or riveted over

Working pressure Main stays: Material Tensile strength

Diameter At body of stay or Over threads No. of threads per inch Area supported by each stay

Working pressure by Rules Screw stays: Material Tensile strength

Diameter At turned off part or Over threads No. of threads per inch Area supported by each stay



