

## REPORT ON BOILERS.

No. 7504

Received at London Office 8 MAY 1929

Date of writing Report 4<sup>th</sup> May 1929 When handed in at Local Office 6<sup>th</sup> May 1929 Port of Gothenburg

No. in Survey held at Gothenburg Date, First Survey 12<sup>th</sup> March Last Survey 23<sup>rd</sup> April 1929  
 Reg. Book 91334 on the Twin Screw Motorship "NAGARA" (Number of Visits 2) Gross 6525 Tons Net 3980

Built at Gothenburg By whom built AB Götaverken Yard No. 416 When built 1929

Engines made at Gothenburg By whom made AB Götaverken Engine No. 1798 When made 1929  
See Lon. report 91528. 18. boiler. 17.6.27.

Boilers made at Loughborough By whom made Walter Coleman & Co Ltd Boiler No. 5062 When made 1927

Owners AB Svenska Ostasiatiska Kompaniet Port belonging to Gothenburg

## VERTICAL DONKEY BOILER.

Made at Loughborough By whom made Walter W. Coleman & Co Boiler No. 5062 When made 1927 Where fixed in Engine room

Manufacturers of Steel

Total Heating Surface of Boiler Is forced draught fitted No Coal or Oil fired Oil fired

No. and Description of Boilers One vertical chest tube Working pressure 85 lbs/p

Tested by hydraulic pressure to 170 lbs/p Date of test 13.6.27 No. of Certificate 1314 (London) ✓

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

Diam. of safety valves { per rule 1.25  
 Area of each set of valves per boiler { as fitted 2" ✓ Pressure to which they are adjusted 85 lbs/p Are they fitted with easing gear yes

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

or woodwork ✓ Is oil fuel carried in the double bottom under boiler yes Smallest distance between base of boiler and tank top plating

About 3 feet Is the base of the boiler insulated yes ✓ Largest internal dia. of boiler Height

Shell plates: Material Tensile strength Thickness

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

Dia. of rivet holes in { circ. seams..... Pitch of rivets { Percentage of strength of circ. seams { plate..... of Longitudinal joint { plate..... rivets..... combined.....

Working pressure of shell by rules Thickness of butt straps { outer..... inner.....

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

Tensile strength Thickness Radius Working pressure by rules

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

Thickness External diameter { top..... Length as per rule Working pressure by rules { bottom.....

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

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

Thickness of Ogee Ring Diameter as per rule { D..... Working pressure by rule { d.....

Combustion Chamber: Material Tensile strength Thickness of top plate

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

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

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

Tube Plates: Material { front..... Tensile strength { Thickness { Mean pitch of stay tubes in nests { back.....

If comprising shell, Dia. as per rule { front..... Pitch in outer vertical rows { Dia. of tube holes FRONT { stay..... BACK { stay..... { back..... plain..... plain.....

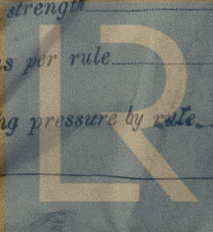
Is each alternate tube in outer vertical rows a stay tube Working pressure by rules { front..... back.....

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 rule

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