

REPORT ON BOILERS.

No. 18400

Received at London Office

13 AUG 1951

ing Report 1st August 1951 When handed in at Local Office 10th August 1951 Port of Gothenburg

Survey held at Uddevalla Date, First Survey 5th February Last Survey 12th June 1951

on the Twin Screw Motor Tanker "ISLAS GEORGIA S" (Number of Visits 5) Tons { Gross 9893 Net 5634

Uddevalla By whom built Uddevallavarvet A-B. Yard No. 113 When built 1951

ade at Milwaukee, Wisc., U.S.A. By whom made Nordberg Manufacturing Company Engine No. TSM 295-6 When made 1949

de at Stockton By whom made Stockton C.E. & Riley Boilers, Ltd. Boiler No. 7209-10 When made 1950

orse Power Owners Yacimientos Petroliferos Fiscales Port belonging to Buenos Aires

TUBULAR BOILERS ~~MINOR AUXILIARY BOILERS~~ DONKEY.

urers of Steel (Letter for Record S)

ating Surface of Boilers Of Superheaters

Register Book Is forced draught fitted Yes Coal or Oil fired Oil

Description of Boilers 2 Single Ended Multitubular Working Pressure 150 lb/in²

hydraulic pressure to Date of test No. of Certificate 7326-7327 Can each boiler be worked separately Yes

iregrate in each Boiler No. and Description of safety valves to each boiler 1 Double Spring Loaded

ach set of valves per boiler { per Rule 7000 mm as fitted 11350 mm } Pressure to which they are adjusted 150 lbs/in² Are they fitted with easing gear Yes

donkey boilers, state whether steam from main boilers can enter the donkey boiler No main boilers fitted

istance between boilers or uptakes and bunkers or woodwork 825 mm. from AP Bhd's oil fuel carried in the double bottom under boilers

Donkey Boilers placed in a separate room on a platform aft in E.R. the bottom of the boiler insulated Yes

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

welded, state name of welding Firm Have all the requirements of the Rules for Class I vessels

ied with Thickness 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

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

of strength of longitudinal joint { plate rivets combined

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

Tensile strength Smallest outside diameter

l with plain part { top bottom Thickness of plates Description of longitudinal joint

s of stiffening rings on furnace or c.c. bottom

l in steam space: Material Tensile strength Thickness Pitch of stays

sha stays secured

es: Material { front back Tensile strength Thickness

of stay tubes in nests Pitch across wide water spaces

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

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

Combustion chamber plates: Material

Thickness: Sides Back Top Bottom

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

at bottom: Material Tensile strength

Lower back plate: Material Tensile strength Thickness

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

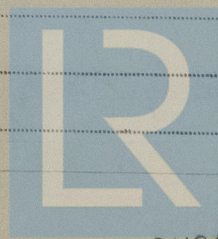
: Material Tensile strength

ster t body of stay or No. of threads per inch

s: Material Tensile strength

t turned off part or No. of threads per inch

ver threads



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Are the stays drilled at the outer ends..... Margin stays: Diameter { At turned off part.....
or
Over threads.....

No. of threads per inch.....

Tubes: Material..... External diameter { Plain..... Thickness { No. of threads per inch.....
Stay.....

Pitch of tubes..... Manhole compensation: Size.....

shell plate..... Section of compensating ring..... No. of rivets and diameter of rivet holes.....

Outer row rivet pitch at ends..... Depth of flange if manhole flanged..... Steam Dome: Material.....

Tensile strength..... Thickness of shell..... Description of longitudinal joint.....

Diameter of rivet holes..... Pitch of rivets..... Percentage of strength of joint { Plate.....
Rivets.....

Internal diameter..... Thickness of crown..... No. and
stays..... Inner radius of crown.....

How connected to shell..... Size of doubling plate under dome..... Diameter of rivet h.....

of rivets in outer row in dome connection to shell.....

Type of Superheater..... Manufacturers of { Tubes.....
Steel forgings.....
Steel castings.....

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

Material of headers..... Tensile strength..... Thickness..... Can the superheater be
the boiler be worked separately..... Is a safety valve fitted to every part of the superheater which can be shut off from the boiler.....

Area of each safety valve..... Are the safety valves fitted with easing gear.....

Pressure to which the safety valves are adjusted..... Hydraulic
tubes..... forgings and castings..... and after assembly in place..... Are y.....

valves fitted to free the superheater from water where necessary.....

Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with..... Yes.....

UDDEVALLAVARVET
AKTIEBOLAG

The foregoing is a correct description of the boiler and superheater
Anders Ståhl

Dates of Survey { During progress of work in shops - - - - - Are the approved plans of boiler and superheater forwarded herewith.....
while building { During erection on board vessel - - - - - (If not state date of approval.)

5th February - 12th June, 1951 Total No. of visits..... 5

Is this Boiler a duplicate of a previous case..... Yes..... If so, state Vessel's name and Report No. M/T "Isas Orcadas", Gothen

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

These donkey boilers have been securely fitted in the vessel under my inspection and to my satisfaction the safety valves have been adjusted under steam to 150 lbs. per square inch.

Survey Fee £ --- : --- : --- } When applied for..... 19.....

Travelling Expenses (if any) £ --- : --- : --- } When received..... 19.....

Anders Ståhl
Engineer Surveyor to Lloyd's Register

FRI. 31 AUG 1951

Committee's Minute.....

Assigned *See Machy. F.E. Rpt.*



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