

REPORT ON BOILERS.

No. 10588

Received at London Office JUN 17 1938

Date of writing Report 10th June 1938 When handed in at Local Office 10 Port of Copenhagen

No. in Reg. Book 38620 on the Single Se. "IMPERIAL" Survey held at Akator Date, First Survey 4th March Last Survey 3rd June 1938

(Number of Visits 15) Tons Gross 7217.04 Net 4437.51

Built at Akator By whom built As Akator Skibsverft Yard No. 84 When built 1938
Engines made at Copenhagen By whom made Asst. Bumiller, Wainis Engine No. 2719 When made 1938
Boilers made at Aman By whom made Cochran & Co Aman Ltd Boiler No. 13840 When made 1938
Owners Compania Suez Americana de Vapores Port belonging to Valparaiso

Please see Glasgow Rep. No. 59274

VERTICAL DONKEY BOILER.

Made at Aman By whom made Cochran & Co Ltd Boiler No. 13840 When made 1938 Where fixed in the engine room

Manufacturers of Steel -

Total Heating Surface of Boiler - Is forced draught fitted no Coal or Oil fired & exhaust gas

No. and Description of Boilers one Working pressure -

Tested by hydraulic pressure to - Date of test - No. of Certificate 20084

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

Area of each set of valves per boiler - Pressure to which they are adjusted 100 lbs Are they fitted with easing gear yes

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

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

Boiler placed on platform yes 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 - long. seams -

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

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

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 - Length as per rule - Working pressure by rules -

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 - Working pressure by rule -

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 - Tensile strength - Thickness - Mean pitch of stay tubes in nests -

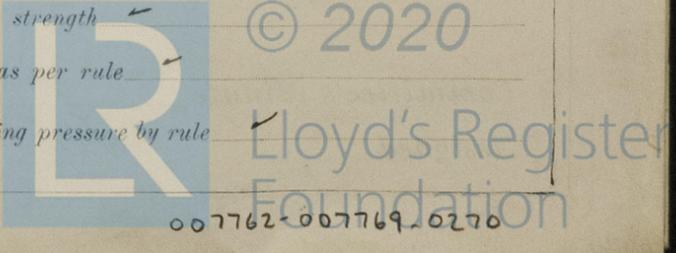
If comprising shell, Dia. as per rule - Pitch in outer vertical rows - Dia. of tube holes FRONT - BACK -

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

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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Crown 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 Working pressure by rules Are the stays drilled at the outer ends
Tubes: Material External diameter { plain stay. } Thickness
 No. of threads per inch Pitch of tubes Working pressure by rules
Manhole Compensation: Size of opening in 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
Uptake: External diameter Thickness of uptake plate
Cross Tubes: No. External diameters Thickness of plates

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

The foregoing is a correct description,

ARTISSELSKABET NAKSKOV SKIBSVÆRFT Manufacturer.
Anders Henningsen

Dates of Survey while building { During progress of work in shops - }
 { During erection on board vessel - }
 4/3-11/3-22/3-28/3-6/4-20/4-27/4-3/5-9/5-21/5-16/6-3/6-1958
 Is the approved plan of boiler forwarded herewith (If not state date of approval.)
 Total No. of visits 15

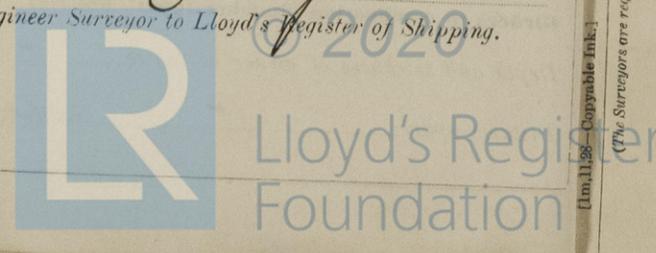
Is this Boiler a duplicate of a previous case yes If so, state Vessel's name and Report No. St. Augustin. Ocean cargo (Nos 82 & 83)

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been fitted on board under special survey in accordance with the Rules
2 duplex steam feed pumps 4" x 2 3/4" x 5" has been fitted to the boiler
The Amberg boiler is supplying steam for the heating system in the accommodation for the brine heater.

Survey Fee ... £ on main report When applied for, 19
 Travelling Expenses (if any) £ When received, 19

J. Langkilde Jensen
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute Assigned See Gen J.C. 10588
 FRI, 24 JUN 1938



Certificate (if required) to be sent to Lloyd's Register of Shipping. (The Surveyors are requested not to write on or below the space for Committee's Minute.)