

REPORT ON BOILERS.

No. 29250

Received at London Office.....

Date of writing Report 24.4.54 When handed in at Local Office 28.4.54

Port of ANTWERP

No. in Survey held at SERAING & ANTWERP Date, First Survey 26.3.53 Last Survey 5.2.54

(Number of Visits 10) Tons {Gross 1282.6 Net 743.5

6809 on the M/T "SALAMIS"

built at Hoboken By whom built D.A. Jm. Cockrell Yard No. 764 When built 1954

Engines made at Dainig By whom made do do Engine No. 6407 When made 1954

Boilers made at do By whom made do do Boiler No. 7945 When made 1954

pitch as per Rule Owners 10/22/128 Holland & 9/2 Salamis Port belonging to C&L

EXHAUST GAS ECONOMISER. MULTITUBULAR BOILERS MAIN, AUXILIARY, OR DONKEY.

Manufacturers of Steel Fabricator de Fer de Charleroi D.A. Jm. Cockrell Ullrich Tarkenton de la Meuse

Total Heating Surface of Boilers 204 m² Of Superheaters 20 m²

Total for Register Book 224 m² Is forced draught fitted Coal or Oil fired exhaust gas

No. and Description of Boilers One exhaust gas economiser Dainig Type Working Pressure 13.1 kg/cm²

Tested by hydraulic pressure to 23.1 kg/cm² Date of test 29.12.53 No. of Certificate Can each boiler be worked separately

Area of Firegrate in each Boiler No. and Description of safety valves to each boiler two improved lift type

Area of each set of valves per boiler {per Rule 2205 mm² as fitted 3924 mm² Pressure to which they are adjusted 13.1 kg/cm² Are they fitted with easing gear

In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

Smallest distance between boilers or uptakes and bunkers or woodwork Is oil fuel carried in the double bottom under boilers

Smallest distance between shell of boiler and tank top plating Is the bottom of the boiler insulated

Largest internal dia. of boilers 2100 Length 2743 Shell plates: Material S.M. steel Tensile strength 44/55 kg/mm²

If fusion welded, state name of welding Firm D.A. Jm. Cockrell (Dainig) Have all the requirements of the Rules for Class I vessels

been complied with 2 Thickness 14.5 Are the shell plates welded or flanged welded 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

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 Description of longitudinal joint

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

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

How are stays secured

Tube plates: Material {front S.M. steel back S.M. steel Tensile strength 44/55 kg/mm² Thickness 24.5

Mean pitch of stay tubes in nests 1.5 Pitch across wide water spaces

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 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

Front plate at bottom: Material Tensile strength

Thickness Lower back plate: Material Tensile strength Thickness

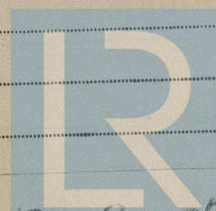
Pitch of stays at wide water space Are stays fitted with nuts or riveted over

Main stays: Material Tensile strength

Diameter {At body of stay or Over threads No. of threads per inch Tensile strength

Screw stays: Material Tensile strength

Diameter {At turned off part or Over threads No. of threads per inch Tensile strength



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Are the stays drilled at the outer ends..... Margin stays: Diameter { At turned off part,.....
No. of threads per inch..... or
Over threads.....
Tubes: Material S.M. steel External diameter { Plain 62.5 ✓ Thickness 9.5 ✓ No. of threads per inch 11 ✓
Pitch of tubes plain 85.7 stay 84.3 Manhole compensation: Size of opening ing. Bo
shell plate 150 x 450 ✓ Section of compensating ring 75.70 mm 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.....
Internal diameter..... Thickness of crown..... Rivets..... No. and diameter of
stays..... Inner radius of crown.....
How connected to shell..... Size of doubling plate under dome..... Diameter of rivet holes and pitch
of rivets in outer row in dome connection to shell.....

Type of Superheater Header type Manufacturers of { Tubes At. Tube de la Mance
Steel forgings
Steel castings
Number of elements 18 ✓ Material of tubes S.M. steel Internal diameter and thickness of tubes 27 8.5
Material of headers S.M. steel Tensile strength 46/47 kg/mm² Thickness 21 Can the superheater be shut off and
the boiler be worked separately Yes ✓ Is a safety valve fitted to every part of the superheater which can be shut off from the boiler Yes ✓
Area of each safety valve one 803 mm² Are the safety valves fitted with easing gear Yes ✓
Pressure to which the safety valves are adjusted 15 kg/cm² ✓ Hydraulic test pressure:
tubes 70 kg/cm² forgings 70 kg/cm² and after assembly in place 25 kg/cm² Are drain cocks or
valves fitted to free the superheater from water where necessary Yes ✓

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

The foregoing is a correct description,
SOCIÉTÉ ANONYME JOUIN CONCERN
G. Savet
Manufactureur.

Dates of Survey while building { During progress of work in shops - - 1953. March 26, May 22, June 12,
Sept. 8, Oct. 29, Nov. 6/13, 57
During erection on board vessel - - - 1954. Jan. 29 Feb. 5
Are the approved plans of boiler and superheater forwarded herewith (If not state date of approval.)
Total No. of visits 10

Is this Boiler a duplicate of a previous case No If so, state Vessel's name and Report No.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler was constructed in
accordance with the approved plans, the Rules and the Secretary's letter.
The materials and workmanship are good. The boiler was examined
under pressure & the safety valves adjusted under steam.

Survey Fee £ :
Travelling Expenses (if any) £ SEE RPT. 46. :
When applied for,.....19.....
When received.....19.....

Committee's Minute.....
Assigned See Rpt. 46.
FRIDAY 9- JUL 1954

Engineer Surveyor to Lloyd's Register of Shipping.



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