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# REPORT ON BOILERS.

No. 22 NOV 1961

Received at London Office

Writing Report 5-8 1961

When handed in at Local Office 5-8-61 19

Port of NANTES

Survey held at Saint - Nazaire

Date, First Survey 17-3-61

Last Survey 24-5-61 19

on the (Number of Visits 6) Tons Gross Net

at Grand Quevilly

By whom built Ch. Réunis Loire Normandie

Yard No. R 323 When built (G 21)

and nes made at By whom made

Engine No. When made

rs made at Saint Nazaire

By whom made Ch. de l'Atlantique, Penhoet.

Boiler No. 2605 When made 1961-5

rs "Centromor" Polish Ocean Lines.

Port belonging to

## TECHNICAL BOILER.

at St Nazaire By whom made Ch. de l'Atlantique

Boiler No. 2605

When made 1961 Where fixed

facturers of Steel Usinor, Denain, France. & Talbot Stead Tube Co Ltd,

Heating Surface of each Boiler 355 Sq f.

Is forced draught fitted

Coal or Oil fired oil fired

and Description of Boilers One Spanner Swirlyflow type

Working Pressure 85 lbs

d by hydraulic pressure to 170 lbs

Date of test 24th May 1961

No. of Certificate 2605

of fire grate in each Boiler

No. and description of safety valves to each boiler

of each set of valves per boiler { per Rule. X as fitted. X

Pressure to which they are adjusted X

Are they fitted with easing gear X

whether steam from main boilers can enter the donkey boiler

Smallest distance between boiler or uptake and bunkers

odwork Is oil fuel carried in the double bottom under boiler

Smallest distance between base of boiler and tank top plating

Is the base of the boiler insulated yes

Largest internal dia. of boiler 1730 mm

Height 3200 mm

plates: Material Steel ✓

Tensile strength 56,4 kg/mm2

Thickness II mm

he shell plates welded or flanged welded ✓

If fusion welded, state name of welding firm Ch. de l'Atlantique, St. Nazaire

all the requirements of the Rules for Class I vessels been complied with yes

Description of riveting: circ. seams { end. inter.

seams Dia. of rivet holes in { circ. seams long. seams

Pitch of rivets

Thickness of butt straps { outer. inner.

Crown: Whether complete hemisphere, dished partial spherical, or flat flat ✓

Material steel

Tensile strength 50,2

Thickness 20 mm

Description of Furnace: Plain, spherical, or dished crown plain ✓

Material steel

Strength 55,6 kg/mm2

Thickness 16 mm

External diameter { top. bottom.

1448 mm

Length as per Rule

of support stays circumferentially

and vertically

Are stays fitted with nuts or riveted over

ter of stays over thread

Radius of spherical or dished furnace crown

ness of Ogee Ring

Diameter as per Rule { D. d.

ustion Chamber: Material

Tensile strength

Thickness of top plate

s if dished

Thickness of back plate

Diameter if circular

t as per Rule

Pitch of stays

ys fitted with nuts or riveted over

Diameter of stays over thread

Plates: Material

TOP  
BOTTOM

steel

Tensile strength

Thickness

20 mm ✓

Mean pitch of stay tubes in nests as plan

prising shell, dia. as per Rule

front. back.

Pitch in outer vertical rows

Dia. of tube holes FRONT

stay. plain.

BACK

stay. plain.

alternate tube in outer vertical rows a stay tube

s to Combustion Chamber Tops: Material

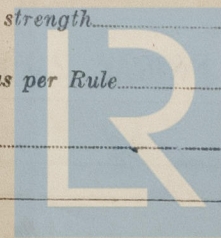
Tensile strength

and thickness of girder at centre

Length as per Rule

e apart

No. and pitch of stays in each



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Lloyd's Register  
Foundation

012616-012619-0051



Crown Stays: Material \_\_\_\_\_ Tensile strength \_\_\_\_\_ Diameter { at body of stay, \_\_\_\_\_ or over threads \_\_\_\_\_

No. of threads per inch \_\_\_\_\_ Screw Stays: Material \_\_\_\_\_ Tensile strength \_\_\_\_\_

Diameter { at turned off part, \_\_\_\_\_ or over threads \_\_\_\_\_ No. of threads per inch \_\_\_\_\_ Are the stays drilled at the outer ends \_\_\_\_\_

Tubes: Material steel ✓ External diameter { plain 50,8 mm ✓ stay 50,8 mm ✓ Thickness { 3,65 mm ✓ 9,5 mm ✓

No. of threads per inch all welded ✓ Pitch of tubes as plan

Manhole Compensation: Size of opening in shell plate 360 x 460 ✓ Section of compensating ring 30 x 95 ✓ No. of rivets and 2 or

of rivet holes \_\_\_\_\_ Outer row rivet pitch at ends \_\_\_\_\_ Depth of flange if manhole flanged \_\_\_\_\_

Uptake: External diameter 1187 mm ✓ Thickness of uptake plate 16 mm ✓

Cross Tubes: No. \_\_\_\_\_ External diameters { \_\_\_\_\_ Thickness of plates \_\_\_\_\_

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



The foregoing is a correct description \_\_\_\_\_

Dates of Survey { During progress of work in shops - - 1961: 17/3 - 22/3 - 21/4 - 8/5 - 18/5 - 24/5 Is the approved plan of boiler forwarded herewith yes (If not state date of approval.) During erection on board vessel - - - Total No. of visits 6

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

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been constructed under Special Survey, in accordance with the Rule requirements and the approved plans.

The quality of material and workmanship are good.

This boiler has been dispatched to Grand Quevilly for installation in the ship, testing and completion in accordance with the Rules.

Note: Boiler mountings and safety valves not fitted at this time. These items to be supply and fitted by the shipbuilder.

Survey Fee ... NE 350,00 : When applied for 19 Travelling Expenses (if any) ENF 30,00 : When received 19

Date FRIDAY 20 JUL 1962

Committee's Minute Su Ron 38

A. MARECHAU Engineer Surveyor to Lloyd's Register of Ship

