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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 (G 21) When built

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

WATER TIGHT BOILER.

at St Nazaire By whom made Ch de l'Atlantique Boiler No. 2605 When made 1961 Where fixed

Manufacturers 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

Description of Boilers One Spanner Swirlyflow type Working Pressure 85 lbs

Tested by hydraulic pressure to 170 lbs Date of test 24th May 1961 No. of Certificate 2605

No. and description of safety valves to each boiler

Pressure to which they are adjusted Are they fitted with easing gear

whether steam from main boilers can enter the donkey boiler Smallest distance between boiler or uptake and bunkers

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

the 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 inter.

seams Dia. of rivet holes in Pitch of rivets Thickness of butt straps

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 1448 mm Length as per Rule

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

Radius of spherical or dished furnace crown

ness of Ogee Ring Diameter as per Rule

ustion Chamber: Material Tensile strength Thickness of top plate

s if dished Thickness of back plate Diameter if circular

as per Rule Pitch of stays

ys fitted with nuts or riveted over Diameter of stays over thread

Plates: Material steel Tensile strength Thickness 20 mm Mean pitch of stay tubes in nests as plan

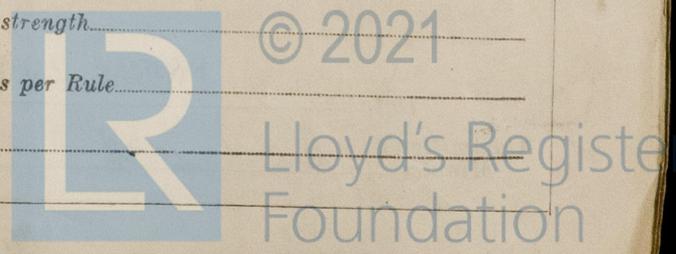
prising shell, dia. as per Rule Pitch in outer vertical rows Dia. of tube holes FRONT BACK

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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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

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 while building { 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) NF 30,00 : When received 19

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

FRIDAY 20 JUL 1962

Date _____

Committee's Minute Su Ron 38



Lloyd's Register Foundation