

REPORT ON BOILERS.

No. ROU. F.T. 38

Received at London Office

Writing Report 28.4.1962 When handed in at Local Office 28.4.1962 Port of ROUEN
 in Survey held at GRAND QUEVILLY Date, First Survey 4.11.61 Last Survey 9.2.1962
 on the M.V. "NORWID" (Number of Visits 9) (Gross 5562 Tons) (Net 2994)
 at Grand Quevilly By whom built Ch. Reunis Loire Normandie Yard No. R. 323 When built 1961
 es made at Nantes By whom made Chantiers de l'Atlantique Engine No. 389 When made 9.1961
 rs made at Saint Nazaire By whom made Chantiers de l'Atlantique Boiler No. 2605 When made 5.1961
 rs Polish Ocean Lines Penhoet
 Port belonging to Gdynia

CRITICAL BOILER.

PLEASE SEE ALSO NANTES REPORT No. 870

at By whom made Boiler No. When made Where fixed Lower BR (PSA)
 Manufacturers of Steel See Nantes Report No. 870

Heating Surface of Boiler Is forced draught fitted Yes Coal or Oil fired Coal

Description of Boilers One Spanner Swirlyfow type Working Pressure 85 lbs

ed by hydraulic pressure to 10 Kgs/cm2 (142 lbs) Date of test 4.11.1961 No. of Certificate

of fire grate in each Boiler No. and description of safety valves to each boiler Double spring loaded marine type

of each set of valves per boiler { per Rule 5.16 sq. inches Pressure to which they are adjusted 5 Kgs/cm2 Are they fitted with easing gear Yes
 { as fitted 6.0 sq. inches (71 lbs)

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

odwork 4 feet Is oil fuel carried in the double bottom under boiler No Smallest distance between base of boiler and tank top plating

8 feet Is the base of the boiler insulated — Largest internal dia. of boiler Height

plates: Material Tensile strength Thickness

the shell plates welded or flanged If fusion welded, state name of welding firm

all the requirements of the Rules for Class I vessels been complied with Description of riveting: circ. seams { end inter

seams Dia. of rivet holes in { circ. seams long. seams Pitch of rivets { Percentage of strength of circ. seams { plate rivets

ngitudinal joint { plate rivets combined Thickness of butt straps { outer inner Shell Crown: Whether complete hemisphere, dished partial

ical, or flat Material Tensile strength Thickness

us Description of Furnace: Plain, spherical or dished crown Material

le strength Thickness External diameter { top bottom Length as per Rule

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

eter of stays over thread Radius of spherical or dished furnace crown

ness of Ogee Ring Diameter as per Rule { D d

Combustion Chamber: Material Tensile strength Thickness of top plate

is if dished Thickness of back plate Diameter if circular

h as per Rule Pitch of stays

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

Plates: Material { front back Tensile strength { Thickness { Mean pitch of stay tubes in nests

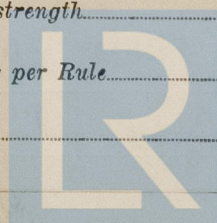
prising shell, dia. as per Rule { front back Pitch in outer vertical rows { Dia. of tube holes FRONT { stay plain BACK { stay plain

h alternate tube in outer vertical rows a stay tube

rs to Combustion Chamber Tops: Material Tensile strength

and thickness of girder at centre Length as per Rule

ce 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..... External diameter { plain..... stay..... Thickness {

No. of threads per inch..... Pitch of tubes.....

Manhole Compensation: Size of opening in shell plate..... Section of compensating ring..... No. of rivets and

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.....

The foregoing is a correct description.....

S^{te} A^{me} des CHANTIERS RÉUNIS LOIRE-NORMANDIE

CHANTIER de NORMANDIE

GRAND-QUEVILLY (S.-M^{ine})

Dates of Survey while building During progress of work in shops - - 15.11.61 Is the approved plan of boiler forwarded herewith (If not state date of approval.) No
During erection on board vessel - - 4.11, 24.11, 6.12, 18.12, 19.12, 26.12.1961 - 30.1, 9.2.1962. Total No. of visits 9

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.) The boiler has been satisfactorily installed on board the ship and tested in accordance with the requirements of the Rules, approved plans and the Secretary's letters.

Survey Fee ... See Rpt 4.5. When applied for..... 19
Travelling Expenses (if any) £ : : When received..... 19

FRIDAY 20 JUL 1962

Date.....
Committee's Minute..... See Rpt

Engineer Surveyor to Lloyd's Register of Shipping

P.F. Chesters

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