

REPORT ON WATER TUBE BOILERS.

No. 8113

19

Report 30th Jan. 1945 When handed in at Local Office 30th Jan. 1945 Port of Baltimore, Maryland 27 FEB 1945
Survey held at Baltimore, Maryland Date, First Survey 25th Aug. Last Survey 14th Dec. 1944

in the M.S. "POZA RICA"
Gross 7599 Tons
Net -
When built 1940
When made 1940
When made 1939
By whom built Ansaldo, S.A.
By whom made Soc. An. "FIAT" S.G.M.
By whom made Ansaldo, S.A.
Owners Garibaldi SACN
Port belonging to -

TUBE BOILERS ~~Donkey~~ DONKEY. Manufacturers of Steel Not Known

Sectional Header Single Drum Working Pressure 180 lbs. Tested by Hydraulic Pressure to 320 lbs. Number and Description or Type

Can each boiler be worked separately Yes Total Heating Surface of Boilers 3660 sq. ft.

Area of fire grate (coal) in each Boiler Oil Fired

Area of each set of valves per boiler {per rule 11.73 sq. ins. as fitted 19.72 sq. ins. No. and description of safety valves on

Are they fitted with easing gear Yes Pressure to which they

No Main Boilers In case of donkey boilers state whether steam from main boilers can enter

Smallest distance between boilers and bunkers 90 m.m. Height of boiler 4798 m.m.

Steam Drums: Number in each boiler One Inside diameter 860 m.m.

Range of Tensile Strength 41 to 47 kg./mm² Are drum shell plates welded

Have all the requirements of the rules

Description of riveting: Cir. seams D R lap. long. seams D.B. d.b.s.

Pitch of rivets 121 m.m. Thickness of straps 16 m.m. & 16 m.m. Percentage strength of

Diameter of tube holes in drum 102.7 m.m. Pitch of tube holes 183 m.m.

Steam Drum Heads or Ends: Range of tensile strength 41-47 kg./mm²

Size of manhole or handhole 300 x 400 m.m. Water Drums: Number

Are drum shell plates

Have all the requirements of the rules

Description of riveting: Cir. seams - long. seam -

Pitch of rivets - Thickness of straps -

Diameter of tube holes in drum - Pitch of tube holes -

Water Drum Heads or Ends: Range of Tensile strength -

Radius or how stayed - Size of manhole or handhole -

Material Steel Thickness 18 20 m.m. Tested by Hydraulic Pressure to -

Thickness 4.25 & 5 m.m. Number 196 Steam Dome or Collector: Description of

Range of tensile

If fusion welded, state name of welding

Diameter of rivet holes -

Plate Rivet -

Radius or how stayed -

Inside Diameter -

Are drum shell plates welded

Have all the requirements of the rules

long. seams -

Pitch of rivets - Thickness of straps -

Diameter of tube holes in drum - Pitch of tube holes -

Percentage strength of

Percentage strength of

Range of tensile strength -

Number, diameter, and thickness of tubes -

Is a safety valve fitted to each section of the superheater which

Area of each set

Is easing gear fitted -

The foregoing is a correct description,

Manufacturer.

Is the approved plan of boiler forwarded herewith

Total No. of visits

Indicate of a previous case No If so, state vessel's name and report No.

REMARKS (State quality of workmanship, opinions as to class, &c.) Both boilers have been examined, the workmanship

materials appear to be good, and eligible in my opinion to have the notation 2 D.B. (W.T.) 180 lbs.

B (WT) 180 lbs

Charged on Rpt. 4b When applied for, 19

When received, 19

Minute NEW YORK FEB 7. 1945

2 D B (WT) 180 lb

Engine Surveyor to Lloyd's Register of Shipping.

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