

# REPORT ON WATER TUBE BOILERS.

No. F.B. 35

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Date of writing Report 28/1/ 19 61 When handed in at Local Office 19 Port of ROUEN  
 No. in Survey held at DUNKIRK Date, First Survey 18.2.59 Last Survey 6.II. 19.60.  
 Reg. Book. (Number of Visits 22) Gross 40906 Tons  
062 on the Single Screw Steam Tanker "JEAN PAUL GETTY"  
 Built at DUNKIRK By whom built At. & Ch. de France Yard No. 228 When built 1960. II  
 Engines made at Saint - Nazaire By whom made Ch. de l'Atlantique Engine No. T.18 When made 1959. 9  
 Boilers made at Dunkirk By whom made At. & Ch. de France Boiler Nos. 9 & 10 When made 1960. II  
 HS for Register Book 27046 sq. ft. Owners Hamisphere Transportation Corp. Port belonging to Monrovia

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY. Manufacturers of Steel Ste des Mines Acieries de Dilling Lorraine Escaut

Date of Approval of plan 12.8.57 15.8.58 31.12.58 No. and Description or Type  
 of Boilers 2 " FOSTER WHEELER " Working Pressure 49.21 Tested by Hydraulic Pressure to 77.31kg/cm<sup>2</sup> of Test 24.9.59  
 No. of Certificate 13800 sq. ft. Can each boiler be worked separately yes Total Heating Surface of Boilers 5130 sq. ft. Superheaters 8116 sq. ft.  
 Half Economisers 5 Todd Express Area of Fire Grate (coal) in each Boiler —  
 No. and type of burners (oil) in each boiler 5 Todd Express No. and description of safety valves on

each boiler 2 "Crosby full bore type " K " orifice Area of each set of valves per boiler per rule Pressure to which they  
50.3kg/cm<sup>2</sup> 700Lbs sq. ins. as fitted 1.8385" throat dia.  
 Are they fitted with easing gear yes 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 — Height of boiler 5990 mm  
 Width and length 4500 x 3300 Steam Drums:—Number in each boiler one Inside diameter Nts Cert. AR 781

Thickness of plates Nts Cert. No 781 76m/m Range of tensile strength Nts Cert. 781 Are drum shell plates welded  
welded If fusion welded, state name of welding firm Ch. de l'Atlantique St. Nazaire Have all the requirements of the Rules

for Class I vessels been complied with Nts Cert. 782 Description of riveting:—Circ. seams — long. seams —  
 Diameter of rivet holes in long. seams — Pitch of rivets — Thickness of straps 83.3 123.3 Percentage strength of

long. joint:—Plate — Rivet — Diameter of tube holes in drum 51.5 m/m Pitch of tube holes 100 & 114  
 Percentage strength of shell in way of tubes 49% Steam Drum Heads or Ends:—Range of tensile strength Nts Cert. 782 Water Drums:—Number

Thickness of plates Nts Cert. 781 76m/m Radius or how stayed 1000m/m R Size of manhole or handhole Nts Cert. 781 Are drum shell plates  
 in each boiler one Inside diameter Nts Cert. 781 76m/m Thickness of plates Nts Cert. 781 Range of tensile strength Nts Cert. 781

welded or flanged welded If fusion welded, state name of welding firm Ch. de l'Atlantique St. Nazaire Have all the requirements of the Rules  
 for Class I vessels been complied with Nts Cert No 781 Description of riveting:—Circ. seams — long. seams —

Diameter of rivet holes in long. seams — Pitch of rivets — Thickness of straps 128.3 Pitch of tube holes 100 & 114  
 Percentage strength of long. joint:—Plate — Rivet — Diameter of tube holes in drum 51.5, 83.3

Percentage strength of drum shell in way of tubes 49% Water Drum Heads or Ends:—Range of tensile strength Nts Cert. 781 Size of manhole or handhole Nts Cert. 781  
 Thickness of plates Nts Cert. 781 76m/m Radius or how stayed 680 m/m Size of manhole or handhole Nts Cert. 781

water wall leaders or sections:—Number 3. 205 x 205 Material M. steel Thickness 26 m/m Tested by hydraulic pressure to 77.31kg/cm<sup>2</sup>  
 tubes:—Diameter 51m/m Thickness 4m/m 10m/m 10m/m Number 384-8-9 downcomers Steam Dome or Collector:—Description of

joint to shell — Inside diameter — Thickness of shell plates — Range of tensile  
 strength — Description of longitudinal joint — If fusion welded, state name of welding

Have all the requirements for the Rules for Class I vessels been complied with — Diameter of rivet holes —  
 Pitch of rivets — Thickness of straps — Percentage strength of long. joint — plate — rivet —

rown or End Plates:—Range of tensile strength — Thickness — Radius or how stayed —  
 UPPERHEATER, Drums or Headers:—Number in each boiler 4 Inside diameter 167 m/m

Thickness 26 m/m Material chromesco & M. steel Range of tensile strength 48/58kg m/m<sup>2</sup> 42/50 Are drum shell plates welded  
 flanged — If fusion welded, state name of welding firm — Have all the requirements of the Rules

for Class I vessels been complied with — Description of riveting:—Circ. seams — long. seams —  
 Diameter of rivet holes in long. seams — Pitch of rivets — Thickness of straps — Percentage strength of

long. joint:—Plate — Rivet — Diameter of tube holes in drum 38.5 m/m Pitch of tube holes 82.5 m/m Percentage strength of  
 drum shell in way of tubes 533 Drum Heads or Ends:—Header — Thickness 37 m/m Range of tensile strength 48/58 42/50

Radius or how stayed — Size of manhole or handhole — Number, diameter, and thickness of tubes 612 38 x 3.5  
 Tested by hydraulic pressure to 86.4 kg/cm<sup>2</sup> Date of test 1.10.59 9.10.59 Is a safety valve fitted to each section of the superheater which

can be shut off from the boiler yes No. and description of safety valves 1 - Crosby full bore type " L " orifice Area of each set  
 valves Opp. 2.852" dia Pressure to which they are adjusted 43.8 kg/cm<sup>2</sup> outlet temp. 600 lbs. sq. ins. Is easing gear fitted yes

pare Gear. Has the spare gear required by the Rules been supplied yes The foregoing is a correct description,  
 Manufacturer.

Is the approved plan of boiler forwarded herewith —  
 Total No. of visits —

Dates During progress of work in shops —  
 Survey While During erection on board vessel —

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.)

Survey Fee — £ — : — : — When applied for 19  
 Travelling Expenses (if any) £ — : — : — When received 19

Date —  
 Committee's Minute —

Engineer Surveyor to Lloyd's Register of Shipping.

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