

REPORT ON WATER TUBE BOILERS.

No. 40 PAR

Received at London Office.

Date of writing Report 8th Oct. 19 61 When handed in at Local Office 19 Port of PARIS
No. in Survey held at Mantes-La-Jolie (S. & O.) Date, First Survey 1961 Last Survey 5th July 19 61
Book. (Number of Visits 5) Gross Tons Net
on the Grand Quevilly By whom built Chantiers Réunis Loire-Normandie Yard No. R 323 When built 1961
at Grand Quevilly By whom made C.C.M. Procédés SULZER Engine No. When made
Mantes-La-Jolie By whom made C.C.M. Procédés SULZER Boiler No. 2.589 When made 1961
for Register Book Owners DONKEY Port belonging to

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY—Manufacturers of Steel VALLOUREC-LORRAINE ESCAUT
Date of Approval of plan 17. 2. 61 No. and Description or Type
Boilers one "LAMONT" Economiser Working Pressure 5 kg/cm² Tested by Hydraulic Pressure to 10 kg/cm² Date of Test 5.7.61
of Certificate 2071 PAR Can each boiler be worked separately — Total Heating Surface of Boilers 145 m² Superheaters —
If Economisers — Is forced draught fitted — Area of Fire Grate (coal) in each Boiler —
and type of burners (oil) in each boiler —

No. and description of safety valves on
h boiler — Area of each set of valves per boiler { per rule — as fitted — Pressure to which they
adjusted — Are they fitted with easing gear — In case of donkey boilers state whether steam from main boilers can enter
donkey boiler — Smallest distance between boilers or uptakes and bunkers or woodwork — Height of boiler 2400 m/m
width and length 0 1861 m/m, 100 m/m Steam Drums: Number in each boiler 3 seamless tubes Inside diameter 119 m/m
thickness of plates 20 m/m Range of tensile strength 35-44 kg/mm² Are drum shell plates welded
flanged seamless tubes fusion welded, state name of welding firm C.C.M. PROCÉDÉS SULZER Have all the requirements of the Rules
Glass vessels been complied with Yes Description of riveting:—Circ. seams long. seams
diameter of rivet holes in long. seams Pitch of rivets Thickness of straps Percentage strength of
g. joint:—Plate Rivet Diameter of tube holes in drum 34 m/m Pitch of tube holes 76 m/m
Percentage strength of shell in way of tubes Steam Drum Heads or Ends: Range of tensile strength 35-44 kg/mm²
thickness of plates tubes 20 m/m Radius or how stayed Size of manhole or handhole 36,5 m/m Water Drums: Number
each boiler 3 seamless tubes Inside diameter 81 m/m Thickness of plates 20 m/m Range of tensile strength 35-44 kg/mm² Are drum shell plates
flanged seamless tubes If fusion welded, state name of welding firm C.C.M. PROCÉDÉS SULZER Have all the requirements of the Rules
Glass vessels been complied with Yes 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 34 m/m Pitch of tube holes 76 m/m
Percentage strength of drum shell in way of tubes Water Drum Heads or Ends: Range of tensile strength 35-44 kg/mm²
thickness of plates of tubes 20 m/m Radius or how stayed Size of manhole or handhole 36,5 m/m
Adapters or Sections:—Number 6 Material SMOH steel Thickness 20 m/m Tested by hydraulic pressure to 70 Kg/cm²
bes:—Diameter 33,5 x 27,5 Thickness 3 m/m Number 22 coils Steam Dome or Collector:—Description of
nt to shell Inside diameter Thickness of shell plates Range of tensile
ength Description of longitudinal joint If fusion welded, state name of welding
n Have all the requirements for the Rules for Class I vessels been complied with Diameter of rivet holes
ch of rivets Thickness of straps Percentage strength of long. joint plate rivet
own or End Plates:—Range of tensile strength Thickness Radius or how stayed

PERHEATER, Drums or Headers:—Number in each boiler Inside diameter
ickness Material Range of tensile strength Are drum shell plates welded
flanged If fusion welded, state name of welding firm Have all the requirements of the Rules
Class I vessels been complied with Description of riveting:—Circ. seams long. seams
meter of rivet holes in long. seams Pitch of rivets Thickness of straps Percentage strength of
g. joint:—Plate Rivet Diameter of tube holes in drum Pitch of tube holes Percentage strength of
m shell in way of tubes Drum Heads or Ends: Thickness Range of tensile strength
lius or how stayed Size of manhole or handhole Number, diameter, and thickness of tubes
ted by hydraulic pressure to Date of test Is a safety valve fitted to each section of the superheater which
be shut off from the boiler No. and description of safety valves Area of each set
valves Pressure to which they are adjusted Is easing gear fitted
ire Gear. Has the spare gear required by the Rules been supplied

COMPAGNIE DE CONSTRUCTION MÉCANIQUE
PROCÉDÉS SULZER
Manufacturer.

ates During progress of work in shops - 20.4.61 - 27.4.61 - 3.5.61 - 13.6.61 Is the approved plan of boiler forwarded herewith Yes
urvey 5.7.61
hile During erection on board vessel - - - - - Total No. of visits 5

his boiler a duplicate of a previous case No. If so, state vessel's name and report No. - - -

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c. The above exhaust gas heated boiler has been
nstructed under special survey in accordance with the Rules, approved plans and Secretary's letters.
e quality of material and workmanship was good. This boiler will be despatched to Chantiers
unis Loire Normandie at Grand Quevilly for installation in the ship, final testing and completion
accordance with the Rules.

Survey Fee ... £ 650 NF : When applied for 20/10/ 19 61
Travelling Expenses (if any) £ 60 NF : When received 19

FRIDAY 20 JUL 1967

Date

mittee's minute Su Ron 38

Engineer Surveyor to Lloyd's Register of Shipping.
J.H. BEIGER for V. Celton & Self.

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