REPORT ON WATER TUBE BOILERS.

No. 40

Received at London Office

writing Report 3/4/ 19 64 When handed in at Local Office 19 Port of milan

Survey held at MILAN Date, First Survey Last Survey 19

(Number of Visits)

on the m.t. " FEDOR POLETAEV" Tons Gross 31295 Net -

Genoa - Sestri By whom built Ansaldo S.p.A. Yard No. 1594 When built 1963

made at TURIN By whom made FIAT GRANDI MOTORI Engine No. 5064 When made 1963

made at Palazzolo S/o(Brescia) By whom made F.Casinghini, Milan Boiler No. CDM.62132 When made 1963

Register Book 770m2 Owners BLACKSEA STATE STEAMSHIP LINES Port belonging to ODESSA

ER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steel Tubes and Headers: Dalmine S.p.A., Milan

f Approval of plan 18.1.63 - drwg.No. CDM/62131-36/1. No. and Description or Type

lers One: WASTE HEAT BOILER Working Pressure 12 Kg/cm2 Tested by Hydraulic Pressure to see remarks Date of Test

Certificate Can each boiler be worked separately - Total Heating Surface of Boilers 2676 m2 Superheaters -

Economisers - Is forced draught fitted - Area of Fire Grate (coal) in each Boiler -

d type of burners (oil) in each boiler exhaust gas No. and description of safety valves on

oiler (superheater bank 1 - N.D.40 mm. (economiser bank 1 - N.D.25 mm. (steaming bank 1 - N.D. 3" (double) Area of each set of valves per boiler per rule 1256 mm2 as fitted 490 mm2 9120 mm2 Pressure to which they respectively

djusted 12.6 Kg/cm2 Are they fitted with easing gear yes In case of donkey boilers state whether steam from main boilers can enter

onkey boiler - Smallest distance between boilers or uptakes and bunkers or woodwork - Height of boiler 6750 mm.

and length 3533, 4190 mm. Steam Drums:—Number in each boiler - Inside diameter -

ness of plates - Range of tensile strength - Are drum shell plates welded

nged - If fusion welded, state name of welding firm - Have all the requirements of the Rules

lass I vessels been complied with - Description of riveting:—Circ. seams - long. seams -

eter of rivet holes in long. seams - Pitch of rivets - Thickness of straps - Percentage strength of

joint:—Plate - Rivet - Diameter of tube holes in drum - Pitch of tube holes -

ntage strength of shell in way of tubes - Steam Drum Heads or Ends:—Range of tensile strength -

ness of plates - Radius or how stayed - Size of manhole or handhole - Water Drums:—Number

ch boiler - Inside diameter - Thickness of plates - Range of tensile strength - Are drum shell plates

d or flanged - If fusion welded, state name of welding firm - Have all the requirements of the Rules

lass I vessels been complied with - Description of riveting:—Circ. seams - long. seams -

eter of rivet holes in long. seams - Pitch of rivets - Thickness of straps -

ntage strength of long. joint:—Plate - Rivet - Diameter of tube holes in drum - Pitch of tube holes -

ntage strength of drum shell in way of tubes - Water Drum Heads or Ends:—Range of tensile strength -

ness of plates - Radius or how stayed - Size of manhole or handhole -

ers or Sections:—Number 6 Material Aq.45 UNI.663 Thickness 8 & 5.5 mm. Tested by hydraulic pressure to see remarks

s:—Diameter 38 x 32 mm. Thickness 3 mm. Number 624 Steam Dome or Collector:—Description of

to shell - Inside diameter - Thickness of shell plates - Range of tensile

gth - 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 -

of rivets - Thickness of straps - Percentage strength of long. joint - plate - rivet -

n or End Plates:—Range of tensile strength - Thickness - Radius or how stayed -

ERHEATER. Drums or Headers:—Number in each boiler - Inside diameter -

ness - Material - Range of tensile strength - Are drum shell plates welded

nged - If fusion welded, state name of welding firm - Have all the requirements of the Rules

lass I vessels been complied with - Description of riveting:—Circ. seams - long. seams -

eter of rivet holes in long. seams - Pitch of rivets - Thickness of straps - Percentage strength of

joint:—Plate - Rivet - Diameter of tube holes in drum - Pitch of tube holes - Percentage strength of

n shell in way of tubes - Drum Heads or Ends:— - Thickness - Range of tensile strength -

ius or how stayed - Size of manhole or handhole - Number, diameter, and thickness of tubes -

ed 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

alves - Pressure to which they are adjusted - Is easing gear fitted -

re Gear. Has the spare gear required by the Rules been supplied -

5 UNI.663 mild steel: UTS min.35 Kg/mm2, YP 21 Kg/mm2, Elong. 23%
.45 " " " " " 45 " " " 24 " " 19%

The foregoing is a correct description,
F. CASINGHINI
Via Larga, 9 - MILANO
F.CASINGHINI ECONOMIZZATORI GREMI Manufacturer.

tes urvey ile ding — During progress of work in shops 35.63, 24.6.63, 25.10.63 — Is the approved plan of boiler forwarded herewith No.

During erection on board vessel 11/11/63 4/4/64 — Total No. of visits 10

is boiler a duplicate of a previous case yes If so, state vessel's name and report No. No.39 - yard No.1593.

NERAL REMARKS (State quality of workmanship, opinions as to class, &c. The above boiler was examined at the Works the conditions described in our Certificate No.M/2528 attached, and despatched to the Shipyard completion and hydraulic testing, to the satisfaction of the Society's Surveyors in Genoa.

Survey Fee ... ... £ : : When applied for 19

Travelling Expenses (if any) £ 211400 : When received 19

12000

RT. 7373

(D.Lamuraglia)

Engineer Surveyor to Lloyd's Register of Shipping.

Date FRIDAY 11 SEP 1964

mittee's Minute Milan, 29th January, 1964 Sur Gen 269464

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