

# REPORT ON WATER TUBE BOILERS.

No. 2772

Received at London Office

19 DEC 1960

Writing Report 30th Nov., 1960 When handed in at Local Office 30th Nov. 1960 Port of Kiel

Survey held at Kiel Date, First Survey 16th May, 1960 Last Survey 28th Nov., 1960

on the not known MV WIENIAWSKI (Number of Visits 5) Gross 70.99 Tons

at Split-Yugoslavia By whom built Messrs. Brodogradiliste Yard No. unknown 176 When built 1962-12

es made at TURIM By whom made FIAT S.C.M. Engine No. - When made 1962

s made at Kiel By whom made Messrs. Kieler Howaldtswerke AG. Boiler No. 513 When made 1960

Register Book - Owners POLISH OCEAN LINES Port belonging to Gdynia

MANUFACTURERS OF STEEL: Hüttenunion AG., Dtm., Mannesmannröhrenwerk AG., Dsf., Phoenix-Rheinrohr AG., Dsf.

Approval of plan 3rd May, 1960 One La Mont Type Exhaust Gas Working Pressure 7 kg/cm<sup>2</sup> Tested by Hydraulic Pressure to 16 kg/cm<sup>2</sup> Date of Test 28.11.60

Certificate 588 Can boiler be worked separately no Total Heating Surface of Boilers 27120 (212m<sup>2</sup>) Superheaters -

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

nd type of burners (oil) in each boiler Exhaust gas heated only No. and description of safety valves on

boiler none fitted 9 ENCLOSED SPRING Area of each set of valves per boiler per rule - as fitted - 2 x 3850 sq mm Pressure to which they

adjusted 7 kg/cm<sup>2</sup> Are they fitted with easing gear YES In case of donkey boilers state whether steam from main boilers can enter

ut of donkey boiler - Smallest distance between boilers or uptakes and bunkers or woodwork - Height of boiler 4860mm

h and length 2050mm inside dia. Steam Drums: Number in each boiler none 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

Class 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 -

entage strength of shell in way of tubes - Steam Drum Heads or Ends: Range of tensile strength none

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

ch boiler none Inside diameter - Thickness of plates - Range of tensile strength - Are drum shell plates

ed or 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 -

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

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

entage strength of drum shell in way of tubes - Water Drum Heads or Ends: Range of tensile strength none

ness of plates - Radius or how stayed - Size of manhole or handhole - Tested by hydraulic pressure to 16 kg/cm<sup>2</sup>

ers or Sections: Number 2 headers Material SM-Steel Thickness 8 mm ✓

Di- Diameter 32mm ✓ 7-sections Thickness 3 mm ✓ Number 22 ✓ Steam Dome or Collector: Description of

t to shell none Inside diameter - Thickness of shell plates - Range of tensile

ngth - 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 -

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

wn or End Plates: Range of tensile strength none Thickness - Radius or how stayed -

PERHEATER Drums or Headers: Number in each boiler none Inside diameter -

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

anged - 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 -

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

n. 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: none 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

7 valves - Pressure to which they are adjusted - Is easing gear fitted -

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

The foregoing is a correct description, KIELER HOWALDTSWERKE AG. Manufacturer.

ates During progress of work in shops 1960: May: 16, Jul: 14, 29, Aug: 10, Nov: 28 Is the approved plan of boiler forwarded herewith yes

hile During erection on board vessel - Total No. of visits 5

his boiler a duplicate of a previous case. yes If so, state vessel's name and report No. Kiel Rpts. 2712 and 2745

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c. This La Mont type exhaust gas boiler has been

onstructed in accordance with the Society's Rules and Regulations, the approved plans and the Secretary's

atters. The materials have been tested by this Society's Surveyors. Workmanship good. In the opinion of

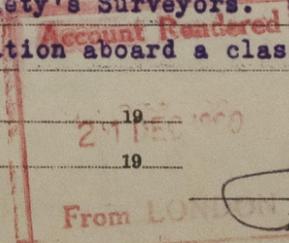
undersigned, this boiler is suitable for installation aboard a classed ship at a working pressure of 7 kg/cm<sup>2</sup>.

Survey Fee ... £ 38 : 0 : 0 When applied for 1960

Travelling Expenses (if any) £ 2 : 0 : 0 When received 1960

Date FRIDAY 14 JUN 1963

Committee's Minute Subsp 2390



Signature of Engineer Surveyor to Lloyd's Register of Shipping



This boiler has been efficiently installed on board the vessel and the safety valves act  
under steam at  $7 \text{ Kg/cm}^2$

J. Blgray

14.3.62



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Lloyd's Register  
Foundation

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t. 4  
of writi  
Split - Yucoslavie  
Kisj  
One in Mont type Exhaust Gas  
200mm inside dia.  
none fitted  
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