

REPORT ON WATER TUBE BOILERS.

No. 26224.

Received at London Office

Writing Report 18/10 1960 When handed in at Local Office 26/10 1960 Port of GOTHENBURG
 Survey held at Uddevalle Date, First Survey 2/3 -59 Last Survey 30/9 19 60
 on the s/s GEORGE L. PARKHURST (Number of Visits 33) Gross 39,966
Uddevalle By whom built Sörviksvarvet AB Yard No. 202 When built 1960
 made at Trenton, U.S.A. By whom made De Laval Steam Turbine Co. Engine No. 652030 When made 1959
 made at Barberton, OHIO By whom made Babcock & Wilcox Co. Boiler No. 852-853 When made 1960
 Register Book 23430 sq. feet Owners California Shipping Corporation Port belonging to Monrovia

R TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steel Bethlehem Steel Co.
 Approval of plan 27/5, 21/8 and 29/12 1957 No. and Description or Type
2 Babcock & Wilcox 2 drum type Working Pressure 705 PSI Tested by Hydraulic Pressure to 1108 PSI Date of Test 4.7.60.
 Certificate 852-853 Can each boiler be worked separately Yes Total Heating Surface of Boilers 17440 sq. feet Superheaters 2370 sq. feet
 Economisers 3620 sq. feet Is forced draught fitted Yes Area of Fire Grate (coal) in each Boiler ---
 Type of burners (oil) in each boiler 6 - Babcock & Wilcox, New York

No. and description of safety valves on 2 spring loaded Appd. please see NYK ltr. re Boiler appd.
 Area of each set of valves per boiler 6.2832 sq. ft. Pressure to which they
700 & 705 PSI Are they fitted with easing gear Yes In case of donkey boilers state whether steam from main boilers can enter
 No bunker or woodwork Height of boiler 26' 4"
 Smallest distance between boilers or uptakes and bunkers or woodwork
 Steam Drums:—Number in each boiler one Inside diameter
 Range of tensile strength
 Are drum shell plates welded
 Have all the requirements of the Rules

If fusion welded, state name of welding firm
 Description of riveting:—Circ. seams long. seams
 Pitch of rivets Thickness of straps Percentage strength of
 Diameter of tube holes in drum Pitch of tube holes
 Steam Drum Heads or Ends:—Range of tensile strength
 Radius or how stayed Size of manhole or handhole Water Drums:—Number
 Thickness of plates Range of tensile strength Are drum shell plates
 If fusion welded, state name of welding firm Have all the requirements of the Rules

Description of riveting:—Circ. seams long. seams
 Pitch of rivets Thickness of straps Percentage strength of
 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
 Thickness of plates Range of tensile strength Are drum shell plates
 If fusion welded, state name of welding firm Have all the requirements of the Rules

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
 Thickness of straps Percentage strength of long. joint plate rivet
 End Plates:—Range of tensile strength Thickness Radius or how stayed
 WATER Drums or Headers:—Number in each boiler Inside diameter
 Material Range of tensile strength Are drum shell plates welded
 If fusion welded, state name of welding firm Have all the requirements of the Rules

Description of riveting:—Circ. seams long. seams
 Pitch of rivets Thickness of straps Percentage strength of
 Diameter of tube holes in drum Pitch of tube holes Percentage strength of
 Drum Heads or Ends:—Thickness Range of tensile strength
 Number, diameter, and thickness of tubes
 Hydraulic pressure to 1108 PSI Date of test 4.7.60. Is a safety valve fitted to each section of the superheater which
 off from the boiler Yes No. and description of safety valves one spring loaded Area of each set
1 1/2" diam. Pressure to which they are adjusted 620 PSI Is easing gear fitted Yes

Has the spare gear required by the Rules been supplied Yes
 The UDDEVALLAVARVET Manufacturer.
 Is the approved plan of boiler forwarded herewith Appd. NYK 25.3.60.
 Total No. of visits 33

Is duplicate of a previous case --- If so, state vessel's name and report No. ---
REMARKS (State quality of workmanship, opinions as to class, &c. These main boiler components have been built under
 survey as per Cleveland report No. 2018 attached. The boilers have been assembled in shop and erected on board
 inspection and to my satisfaction.

When applied for 26/10 19 60
 When received --- 19 ---
 See Rpt. 1.

Engineer Surveyor to Lloyd's Register of Shipping.

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 Foundation