

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 Uddevalla Date, First Survey 2/3 -59 Last Survey 30/9 1960
on the s/s GEORGE L. PARKHURST (Number of Visits 33) Tons { Gross 39,966
 Net 27,486
Uddevalla 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

rs 2 Babcock & Wilcox - 2 drum type Working Pressure 705 PSI Tested by Hydraulic Pressure to 1108 PSI Date of Test 4.7.60.
ertificate 852-853 Can each boiler be worked separately Yes Total Heating Surface of Boilers 17440 sq. feet Superheaters 2370 sq. feet
onomisers 3620 sq. feet Is forced draught fitted Yes Area of Fire Grate (coal) in each Boiler ---

ype of burners (oil) in each boiler 6 - Babcock & Wilcox, New York No. and description of safety valves on
er 2 spring loaded Area of each set of valves per boiler { per rule Appd. please see NYK ltr. re Boiler appd.
 as fitted 6,2832 sq. in. Pressure to which they
ted 700 & 705 PSI Are they fitted with easing gear Yes In case of donkey boilers state whether steam from main boilers can enter
y boiler --- Smallest distance between boilers or uptakes and bunkers or woodwork No bunker or woodwork Height of boiler 26' 4"

ed length 19' 10 1/2" & 18' 1 1/2" Steam Drums:—Number in each boiler one Inside diameter
of plates --- Range of tensile strength --- Are drum shell plates welded
If fusion welded, state name of welding firm --- Have all the requirements of the Rules

I vessels been complied with --- Description of riveting:—Circ. seams --- long. seams ---
of rivet holes in long. seams --- Pitch of rivets --- Thickness of straps --- Percentage strength of
Plate --- Rivet --- Diameter of tube holes in drum --- Pitch of tube holes ---

Strength of shell in way of tubes --- Steam Drum Heads or Ends:—Range of tensile strength ---
of plates --- Radius or how stayed --- Size of manhole or handhole --- Water Drums:—Number
Boiler one Inside diameter --- Thickness of plates --- Range of tensile strength --- Are drum shell plates
flanged --- If fusion welded, state name of welding firm --- Have all the requirements of the Rules

I vessels been complied with --- Description of riveting:—Circ. seams --- long. seams ---
of rivet holes in long. seams --- Pitch of rivets --- Thickness of straps ---
Strength of long. joint:—Plate --- Rivet --- Diameter of tube holes in drum --- Pitch of tube holes ---

Strength of drum shell in way of tubes --- Water Drum Heads or Ends:—Range of tensile strength ---
of plates --- Radius or how stayed --- Size of manhole or handhole ---
or Sections:—Number --- Material --- Thickness --- Tested by hydraulic pressure to ---

Diameter --- Thickness --- Number --- Steam Dome or Collector:—Description of
ell --- Inside diameter --- Thickness of shell plates --- Range of tensile
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 ---

HEATER, 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

vessels been complied with --- Description of riveting:—Circ. seams --- long. seams ---
of rivet holes in long. seams --- Pitch of rivets --- Thickness of straps --- Percentage strength of
Plate --- Rivet --- Diameter of tube holes in drum --- Pitch of tube holes --- Percentage strength of
in way of tubes --- Drum Heads or Ends:—Thickness --- Range of tensile strength ---
how stayed --- Size of manhole or handhole --- 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 description,
AKTIESOLAG Manufacturer.

Is the approved plan of boiler forwarded herewith Appd. NYK 25.3.60.
Total No. of visits 33
a 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
urvey as per Cleveland report No. 2018 attached. The boilers have been assembled in shop and erected on board
nspection and to my satisfaction.

Fee £ Kr. 1900:-- : When applied for 26/10 1960
ng Expenses (if any) £ : : When received --- 19 ---
Engineer Surveyor to Lloyd's Register of Shipping.

See Rpt. 1.