

REPORT ON WATER TUBE BOILERS.

No. 26504

Received at London Office FEB 11 1938

Writing Report 10.1.1938 When handed in at Local Office

19

Port of ROTTERDAM

in Survey held at ROTTERDAM

Date, First Survey 8-4-37 Last Survey 7-12-1937

on the STEEL TWIN SCREW STEAMER OJEDA

(Number of Visits 12.)

Tons { Gross 2015
Net 1572

Built at ROTTERDAM By whom built ROTTERDAMSCHER DOODOK MIJ When built 1937

es made at ROTTERDAM By whom made ROTTERDAMSCHER DOODOK MIJ When made 1937

s made at ROTTERDAM By whom made " " When made 1937

rated Horse Power 366 Owners THE CARIBBEAN PETROLEUM CO LTD Port belonging to MARACAIBO

TER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steel STEEL Cy of SCOTLAND

for Record S Date of Approval of plan 13 DEC 1936 Number and Description or Type

Boilers 2. BABCOCK & WILCOX Working Pressure 180 LBS Tested by Hydraulic Pressure to 320 LBS Date of Test 7-12-37

Certificate 1003-1004 Can each boiler be worked separately YES Total Heating Surface of Boilers 6520 sq. ft.

reed draught fitted YES Area of fire grate (coal) in each Boiler OIL Total grate area of boilers in vessel including

and Auxiliary L No. and type of burners (oil) in each boiler 3 SWINNY BROS LTD and description of safety valves on

boiler 2 SPRING LOADED HIGH LIFTING Area of each valve 7.06 CM² Pressure to which they are adjusted 180 LBS

they fitted with easing gear YES In case of donkey boilers state whether steam from main boilers can enter the donkey boiler

Least distance between boilers or uptakes and bunkers or woodwork OVER 36" Height of Boiler 11' 7 1/2" Width and Length 11' 1"

a Drums:—Number in each boiler ONE Inside diameter 3' 6" Material of plates 5M STEEL Thickness 1 1/8" & 1 1/2"

e of Tensile Strength 18-21 TONS Are drum shell plates welded or flanged NO Description of riveting:—

seams LAP. LXRIV. long. seams DOUBLE BUTT JMW Diameter of rivet holes in long. seams 27/32 Pitch of Rivets 3.1297

of plate or width of butt straps 9 1/16 & 8 1/16 Thickness of straps 1/2 Percentage strength of long. joint:—Plate 73.87 Rivet 102

eter of tube holes in drum 4 3/16 Pitch of tube holes 7 Percentage strength of shell in way of tubes 42

drum has a flat side state method of staying ROUND Depth and thickness of girders at centre

(ted) Distance apart Number and pitch of stays in each Working pressure

les Steam Drum Heads or Ends:—Material 5M STEEL Thickness 3/4 Radius or how stayed 3' 0"

of Manhole or Handhole 12 x 16 Water Drums:—Number in each boiler Inside Diameter 6 x 6 9/16

rial of plates 5M S.D Thickness 3/4 Range of tensile strength 26/30 Are drum shell plates welded

inged Description of riveting:—Cir. seams long. seams Diameter of Rivet Holes in

seams Pitch of rivets Lap of plates or width of butt straps Thickness of straps

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

centage strength of drum shell in way of tubes Water Drum Heads or Ends:—Material Thickness

as or how stayed Size of manhole or handhole Headers or Sections:—Number 18

rial 5M STEEL Thickness 1/2 Tested by Hydraulic Pressure to 320 LBS Material of Stays

at smallest part Area supported by each stay Working Pressure by Rules Tubes:—Diameter

ness Number Steam Dome or Collector:—Description of Joint to Shell

centage strength of Joint Diameter Thickness of shell plates Material

ription of longitudinal joint Diameter of Rivet Holes Pitch of Rivets Working Pressure of shell

ules Crown or End Plates:—Material Thickness How stayed

ERHEATER. Type Date of Approval of Plan Tested by Hydraulic Pressure to

of Test Is a safety valve fitted to each section of the superheater which can be shut off from the Boiler

eter of Safety Valve Pressure to which each is adjusted Is easing gear fitted

drain cock or valve fitted at lowest point of superheater Number, diameter, and thickness of tubes

re Gear. Tubes Gaskets or joints:—Manhole Handhole Handhole plates

The foregoing is a correct description,

A. Mape Manufacturer.

During progress of work in shops 8/29 28 8/26 27 11/26 26 29 4 7/14 14 15 16 17 110 110 111 112 110

During erection on board vessel ON MACHINERY REPORT

Is the approved plan of boiler forwarded herewith RETAINED

Total No. of visits 12

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) These boilers have been

made under special survey in accordance with the approved plans Society's Rules and Secretary's letter, material tested as required

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

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

Shipping.

Committee's Minute

Signed

FRI. 25 FEB 1938

See Rot. J.C. 26504

Engineer Surveyor to Lloyd's Register of Shipping.



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Foundation

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