

REPORT ON BOILERS.

No. 4743

Received at London Office 23 JUN 1936

47 2
51 2
0 kg/cm²
inch 9

Size of opening

Size of 46 1/2 inch

to dome

No. and diameter

of rivet holes and

y Remsch

3 2

heater be shut off

iler yes

orking pressure at

draulic test press

Are drain coo

ea of Firegrate in each Boiler

ea of each set of valves per boiler

cription,

Manufact

allest distance between shell of boiler and tank top plating

re with yes

ickness

g. seams

ercentage of strength of circ. end seams

are been

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ngth of plain part

ensions of stiffening rings on furnace or c.c. bottom

skins:

Harb.

6 20. 21.4

2.8

3 17.7-17.8

36.3

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60 lbs

ch of stays to ditto:

orking pressure by Rules

ickness

ch of stays at wide water space

orking Pressure

iameter

orking pressure by Rules

iameter

ister of Shipping

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te of writing Report

No. in Survey held at

on the

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gines made at

lers made at

imal Horse Power

Whale oil

ULTITUBULAR BOILERS MAIN, AUXILIARY, OR DONKEY.

Manufacturers of Steel Vittoria Minis steel, ironworks corp., Calvilles Ltd.

tal Heating Surface of Boilers

and Description of Boilers

sted by hydraulic pressure to

ea of Firegrate in each Boiler

ea of each set of valves per boiler

case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

Manufact

allest distance between shell of boiler and tank top plating

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ercentage of strength of longitudinal joint

ickness of butt straps

aterial

ngth of plain part

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id plates in steam space: Material

ow are stays secured

be plates: Material

an pitch of stay tubes in nests

orders to combustion chamber tops: Material

centre

each

60 lbs

ch of stays to ditto:

orking pressure by Rules

ickness

ch of stays at wide water space

orking Pressure

iameter

orking pressure by Rules

iameter

ister of Shipping

Oslo

whaling factory "TERJE VIKEN"

Built at Wesen

Oslo

Owners

Whale oil

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ister of Shipping

Date, First Survey

20/8. 35

By whom built

By whom made

By whom made

Owners

Whale oil

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Port of Oslo

Date, First Survey

20/8. 35

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By whom made

By whom made

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Whale oil

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Last Survey

19/6

Yard No.

Engine No.

Boiler No.

Port belonging to

Whale oil

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ister of Shipping

(Number of Visits 16)

Tons Gross

When built

When made

When made

1936

Whale oil

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Working pressure by Rules _____ Are the stays drilled at the outer ends _____ Margin stays: Diameter { At turned off part, or Over threads _____
No. of threads per inch _____ Area supported by each stay _____ Working pressure by Rules _____
Tubes: Material _____ External diameter { Plain _____ Thickness { _____ No. of threads per inch _____
Pitch of tubes _____ Working pressure by Rules _____ Manhole compensation: Size of opening _____
shell plate _____ Section of compensating ring _____ No. of rivets and diameter of rivet holes _____
Outer row rivet pitch at ends _____ Depth of flange if manhole flanged _____ Steam Dome: Material _____
Tensile strength _____ Thickness of shell _____ Description of longitudinal joint _____
Diameter of rivet holes _____ Pitch of rivets _____ Percentage of strength of joint { Plate _____ Rivets _____
Internal diameter _____ Working pressure by Rules _____ Thickness of crown _____ No. and diameter of rivets _____
stays _____ Inner radius of crown _____ Working pressure by Rules _____
How connected to shell _____ Size of doubling plate under dome _____ Diameter of rivet holes and of rivets in outer row in dome connection to shell _____
Type of Superheater _____ Manufacturers of { Tubes _____ Steel castings _____
Number of elements _____ Material of tubes _____ Internal diameter and thickness of tubes _____
Material of headers _____ Tensile strength _____ Thickness _____ Can the superheater be shut off from the boiler _____
the boiler be worked separately _____ Is a safety valve fitted to every part of the superheater which can be shut off from the boiler _____
Area of each safety valve _____ Are the safety valves fitted with easing gear _____ Working pressure _____
Rules _____ Pressure to which the safety valves are adjusted _____ Hydraulic test pressure _____
tubes _____, castings _____ and after assembly in place _____ Are drain cocks or valves fitted to free the superheater from water where necessary _____
Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with _____

The foregoing is a correct description, _____

For ^{1/2} KVERNER BRUG

J. P. Dillane

Dates of Survey { During progress of work in shops - - - 20/8, 29/8, 14/12, 18/12, 19/12, 30/12, 25/3, 27/3, 7/4, 7/4, 19/4, 20/4, 23/4, 29/4, 5/5, 7/5, 14/6, 19/36
while building { During erection on board vessel - - -
Are the approved plans of boiler and superheater forwarded herewith (If not state date of approval.) _____
Total No. of visits 16

Is this Boiler a duplicate of a previous case Yes If so, state Vessel's name and Report No. 'Solghim', Oslo Reg. No. 4637

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

These boilers were constructed in accordance with the approved plan. The boilers were examined during construction, & tested by hydraulic pressure to 120 lbs. p. sq. inch, and found in order. The workmanship was good. The steel material employed was of the best quality and tested by the Society's Surveyors.

The boilers were marked: R. LLOYD TEST. 120 LBS. W.P. 60 LBS., and the following data of tests and initials:

1 off 20.8.35 P.E.	2 off 1.4.36 P.B.R.	2 off 7.5.36 P.B.R.
2 " 29.8.35 P.E.	2 " 7.4.36 P.B.R.	
2 " 14.12.35 P.E.	2 " 15.4.36 P.B.R.	
2 " 18.12.35 P.E.	2 " 20.4.36 P.B.R.	
1 " 19.12.35 P.E.	2 " 23.4.36 P.B.R.	
2 " 25.3.36 P.E.	2 " 29.4.36 P.B.R.	
2 " 27.3.36 P.E.	2 " 5.5.36 P.B.R.	

Survey Fee ... 16 1.120 :
Travelling Expenses (if any) 85. :

When applied for, 16/6 1936

When received, 28-7 1936

Herde Perbjorn-Roie
Engineer Surveyor to Lloyd's Register of Shipping

Committee's Minute

FRI. 16 OCT 1936

Assigned

see Burn. 1829



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Lloyd's Register
Foundation