

REPORT ON BOILERS.

No. 10720.

Received at London Office

NOV -1 1938

Writing Report 26th Oct 1938 When handed in at Local Office

19

Port of Copenhagen

Survey held at Skarshov

Date, First Survey 25th July

Last Survey 19th Oct 1938

on the Single Se. "SELANDIA"

(Number of Visits 14)

Gross 8482.25
Tons Net 5170.45

Skarshov

By whom built Skarshov Skibsværft

Yard No. 86

When built 1938

made at Copenhagen

By whom made A.P. Bunnister & Co. Ltd. Skarshov Skibsværft

Engine No. 2771

When made 1938

made at Wolverhampton

By whom made J. Thompson, Dec.

Boiler No. T.T. 107

When made 1938

As Del Islandslastiske Kompagni

Port belonging to Copenhagen

Please see Birmingham Rep No 16

MICAL DONKEY BOILER.

Wolverhampton By whom made John Thompson (Dec.) Ltd. Boiler No. T.T. 107 When made 1938 Where fixed In the engine room

turers of Steel

Painting Surface of Boiler

Is forced draught fitted No

Coal or Oil fired & exhausted

Description of Boilers one spiral fly Composite Boiler

Working pressure 114 lbs

hydraulic pressure to 220 lbs

Date of test 21.6.38

No. of Certificate 15

Firegrate in each Boiler

No. and Description of safety valves to each boiler

2 of direct spring loaded at 2 1/2" diam

each set of valves per boiler { per rule 3.54 lb

as fitted 9.820" Pressure to which they are adjusted 114 lbs

Are they fitted with easing gear yes

ether steam from main boilers can enter the donkey boiler

Smallest distance between boiler or uptake and bunkers

oil fuel carried in the double bottom under boiler

Smallest distance between base of boiler and tank top plating

Is the base of the boiler insulated yes

Largest internal dia. of boiler

Height

Material

Tensile strength

Thickness

shell plates welded or flanged

Description of riveting: circ. seams

end

long. seams

rivet holes in { circ. seams

Pitch of rivets

Percentage of strength of circ. seams

plate

of Longitudinal joint

plate

pressure of shell by rules

Thickness of butt straps

outer

inner

Whether complete hemisphere, dished partial spherical, or flat

Material

strength

Thickness

Radius

Working pressure by rules

ion of Furnace: Plain, spherical, or dished crown

Material

Tensile strength

External diameter { top

bottom

Length as per rule

Working pressure by rules

support stays circumferentially

and vertically

Are stays fitted with nuts or riveted over

of stays over thread

Radius of spherical or dished furnace crown

Working pressure by rule

s of Ogee Ring

Diameter as per rule

D

Working pressure by rule

ion Chamber: Material

Tensile strength

Thickness of top plate

dished

Working pressure by rule

Thickness of back plate

Diameter if circular

s per rule

Pitch of stays

Are stays fitted with nuts or riveted over

of stays over thread

Working pressure of back plate by rules

Material { front

back

Tensile strength

Thickness

Mean pitch of stay tubes in nests

using shell, Dia. as per rule { front

back

Pitch in outer vertical rows

Dia. of tube holes FRONT

stay

plain

BACK

stay

plain

alternate tube in outer vertical rows a stay tube

Working pressure by rules

front

back

to combustion chamber tops: Material

Tensile strength

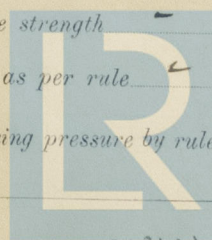
and thickness of girder at centre

Length as per rule

apart

No. and pitch of stays in each

Working pressure by rule



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003181-003190-0112

Crown stays: Material ☒ Tensile strength ☒ Diameter { at body of stay, ☒ or over threads ☒
No. of threads per inch ☒ Area supported by each stay ☒ Working pressure by rules ☒

Screw stays: Material ☒ Tensile strength ☒ Diameter { at turned off part, ☒ or over threads ☒ No. of threads per inch ☒
Area supported by each stay ☒ Working pressure by rules ☒ Are the stays drilled at the outer ends ☒

Tubes: Material ☒ External diameter { plain ☒ stay ☒ Thickness { ☒
No. of threads per inch ☒ Pitch of tubes ☒ Working pressure by rules ☒

Manhole Compensation: Size of opening in shell plate ☒ Section of compensating ring ☒ No. of rivets and of rivet holes ☒ Outer row rivet pitch at ends ☒ Depth of flange if manhole flanged ☒

Uptake: External diameter ☒ Thickness of uptake plate ☒

Cross Tubes: No. ☒ External diameters { ☒ Thickness of plates ☒

Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with ☒

The foregoing is a correct description.

AKTUELSKABET
NAKSTOV, SKIBSVÆRFT

[Signature]

Dates of Survey { During progress of work in shops - ☒ Is the approved plan of boiler forwarded herewith ☒
while building { During erection on board vessel - ☒ (If not state date of approval.)
25/7-25/8-30/8-2/9-3/9-13/9-16/9-24/9-29/9-7/10 Total No. of visits 14
8/10-17/10-18/10-19/10-1938

Is this Boiler a duplicate of a previous case ☒ If so, state Vessel's name and Report No. ☒

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been found outboard under special survey in accordance with the Rules.

A duplex steam pump 4" x 2 3/4" x 5" and a steam injector have been fitted to the boiler.

Survey Fee ... £ : ☒ : When applied for, 19
Travelling Expenses (if any) £ : ☒ : When received, 19

Committee's Minute
Assigned

TUE 8 NOV 1938

See bpm J.E. 1072a

[Signature]
Engineer Surveyor to Lloyd's Register of Ships
Lloyd's Register Foundation