

REPORT ON BOILERS

No. 903.

FRI. AUG. 12 1921

Received at London Office

Date of writing Report 3-8-1921 When handed in at Local Office

Port of Cadiz

No. in Survey held at

Cadiz

Date, First Survey

30-5-21

Last Survey

3-8-

1921

Reg. Book.

19244 on the S.S. "CASTELU"

Master J. FUFUENTE

Built at

Cadiz

By whom built Schwanitz & Luning

When built

1921

Engines made at

Brunswick

By whom made

John S. Kincaid & Co. Ltd.

When made

1921

Boilers made at

Blasgow

By whom made

Barclay Curle & Co.

When made

1920

Registered Horse Power

2000

Owners

Compania Naviera "BERMEO"

Port belonging to

San Sebastian

MULTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel

(Letter for record)

Total Heating Surface of Boilers

Is forced draft fitted

no

No. and Description of

Boilers

Working Pressure

Tested by hydraulic pressure to

Date of test

No. of Certificate

Can each boiler be worked separately

Area of fire grate in each boiler

No. and Description of

safety valves to each boiler

Two spring

Area of each valve

8.9"

Pressure to which they are adjusted

105 lbs.

Are they fitted with easing gear

no

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

no

Smallest distance between boilers or uptakes and bunkers or woodwork

2.0"

Mean dia. of boilers

Length

Material of shell plates

Thickness

Range of tensile strength

Are the shell plates welded or flanged

Descrip. of riveting: cir. seams

long. seams

Diameter of rivet holes in long seams

Pitch of rivets

Lap of plates or width of butt straps

Safety Valves. Thickness of adjusting washers. Hard.

5/16"

Pitch of rivets

rules

Size of manhole in shell

Size of compensating ring.

No. and Description of Furnaces in each

boiler

Material

Outside diameter

top

Thickness of plates

crown

Description of longitudinal joint

No. of strengthening rings

Working pressure of furnace by the rules

Combustion chamber

plates: Material

Thickness: Sides

Back

Bottom

Pitch of stays to ditto: Sides

Back

Top

If stays are fitted with nuts or riveted heads

Working pressure by rules

Material of stays

Area at

smallest part

Area supported by each stay

Working pressure by rules

End plates in steam space: Material

Thickness

Pitch of stays

How are stays secured

Working pressure by rules

Material of stays

Area at smallest part

Area supported by each stay

Working pressure by rules

Material of Front plates at bottom

Thickness

Material of

Lower back plate

Thickness

Greatest pitch of stays

Working pressure of plate by rules

Diameter of tubes

Pitch of tubes

Material of tube plates

Thickness: Front

Back

Mean pitch of stays

Pitch across wide

water spaces

Working pressures by rules

Girders to Chamber tops: Material

Depth and thickness of

girder at centre

Length as per rule

Distance apart

Number and pitch of Stays in each

Working pressure by rules

Steam dome: description of joint to shell

% of strength of joint

Diameter

Thickness of shell plates

Material

Description of longitudinal joint

Diam. of rivet holes

Pitch of rivets

Working pressure of shell by rules

Crown plates

Thickness

How stayed

UPERHEATER. Type

Date of Approval of Plan

Tested by Hydraulic Pressure to

Date of Test

Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler

Diameter of Safety Valve

Pressure to which each is adjusted

Is Easing Gear fitted

The foregoing is a correct description,

Manufacturer.

Dates of Survey During progress of work in shops - - - while building During erection on board vessel - - -

Is the approved plan of boiler forwarded herewith

Total No. of visits

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

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

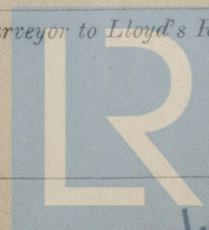
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

TUE. 23 AUG. 1921

Assigned

See 7C. rpt on mchy.



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