

79

Sunderland

THE BRITISH CORPORATION REGISTER  
OF SHIPPING AND AIRCRAFT

BOILERS, AIR RECEIVERS, & c.

Report No. .... No. in Register Book .....

Felling out NO. 1355

Ship Transport Ferry

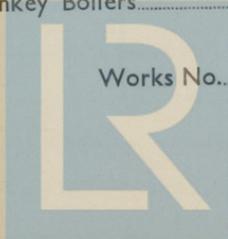
Makers of Engines Geo C. L.R.

Works No. ....

Makers of Main Boilers Balcock & Wilson Ltd.

Works No. 10/1650 Boilers 11012

Makers of Donkey Boilers .....



© 2020

Works No. ....

Lloyd's Register  
Foundation

003245-003251-0108

## BOILERS—CYLINDRICAL MULTITUBULAR

Makers

No. of boilers Works No.

Type, single or double ended

No. and type of furnaces in each

Plan No. and date of approval

Approved working pressure Hydraulic test pressure

Greatest internal dia. length shell thickness

Heating surface each sq. ft. Grate surface each sq. ft.

System of draught

No. of fans driven by

Fuel

Makers of plates

„ „ stay bars

„ „ rivet bars

„ „ rivets

„ „ furnace plates

„ „ furnaces

„ „ tubes

Dates of hydraulic tests

Stamp marks and position of marks on boiler

## BOILERS—CYLINDRICAL MULTITUBULAR, Contd.

Maker of safety valves

No. of safety valves each boiler Rule dia. Actual dia.

Are safety valves fitted with easing gear?

Date of setting safety valves

Pressure at which valves were set

Date of accumulation test

Max. pressure under accumulation test

Particulars of mountings on each boiler

No. of pressure gauges No. of water gauges

No. of test cocks No. of salinometer cocks

No. of blowdown valves No. of scum valves

No. of feed check valves No. of main and aux. steam stop valves

Are the water gauges fitted direct to the boiler shells or mounted on pillars?

Are the water gauge pillars fitted direct to the boiler shells or connected by pipes?

Are these pipes connected to boilers by cocks or valves?

Are main and aux. stop valves fitted with drains?

Are boilers fitted with internal circulators?

„ „ „ „ air heaters?

„ „ „ „ collision chocks?

„ „ „ „ rolling stays?

„ „ „ „ superheaters?



© 2020

Lloyd's Register  
Foundation

## BOILERS—CYLINDRICAL MULTITUBULAR, Contd.

## SUPERHEATERS—Makers

Type

Are superheater tubes in combustion chambers and/or smoke tubes?

Designed max. steam temperatures Material and size of tubes

Can superheaters be shut off while boilers are working?

No. of safety valves on each superheater dia.

Are safety valves fitted with easing gear?

Date of hydraulic test Test pressure

" " setting safety valves Pressure on valves

## BOILER CONSTRUCTION

Are all scantlings and construction in accordance with the approved plans and the rules?

If not, give details

RIVETING—State type of riveting employed on different seams—hand, pneumatic or hydraulic and in the latter case, state size of rivets and closing pressure in tons

WELDING—State which seams are welded and give particulars of electrode, procedure, weld tests and heat treatment, etc.

## BOILERS—WATER TUBE

Makers Babcock &amp; Wilcox Ltd.

No. of boilers 2

Works No. 10/650 nos 11912.

Type Admiralty 3 drum small tube  
express boilers

Plan No. and date of approval

Approved working pressure 225 lb<sup>11</sup>Hydraulic test pressure 387 lb<sup>11</sup>

Heating surface each 5325 sq. ft.

Gross surface each 450 sq. ft.

System of draught Forced (closed stokehold)

No. of fans

driven by

Fuel Oil

Makers of plates Colvilles Ltd.

" " forged drums

" " dished ends

" " headers

" " rivet bars

" " rivets

" " water tubes

" " superheater tubes

Are boilers fitted with airheaters?

no

" " " " superheaters?

no

Designed max. steam temperature

Date of hydraulic test

Stamp marks and position on boilers

Above manhole on steam drum

NO 11 Boiler

BC Test

NO 7443

387 lb

225 lb

A.C.

1-12-44

NO 12 Boiler

BC Test

NO 7444

387 lb

225 lb

A.C.

7-12-44

Lloyd's Register  
Foundation

## BOILERS—WATER TUBE, Contd.

No. and position of safety valves on each boiler *One double high left on steam drum*Rule dia. actual dia. *4"*Are safety valves fitted with easing gear? *yes*Date of setting safety valves *-*Pressure at which valves were set *-*Date of accumulation test *-*Maximum pressure under accumulation test *-*

No. and particulars of boiler mountings on each boiler

Pressure gauge *2*Water gauges (No., type and position) *2 glass tube on steam drum*Test cocks Sallnometer cocks *1 - 3/8"*Main check valve *1 - 2"* Aux. check valve *1 - 3"*Type of automatic feed regulators *Weirs*Scum valve *1 - 3/4"* Blow down valve *1 - 1 1/4"*Main stop valve *1 - 7 1/2"* Aux. stop valve *1 - 4 1/2"*Are stop valves of self closing type? *Main - no! Aux - yes*

Other mountings

How are boilers secured to seating?

## BOILERS—WATER TUBE, Contd.

## BOILER CONSTRUCTION

Are all scantlings and construction in accordance with the approved plans and the rules?

If not, give details

Are drums of riveted, seamless or welded type?

*Steam drum riveted  
water pockets forged with manhole end riveted*

RIVETING—State type of riveting employed on different seams—hand, pneumatic or hydraulic, and in the

latter case, state size of rivets and closing pressure in tons.

*Butts on steam drums hyd ends hand rivet <sup>52 tons</sup>  
Manhole ends on WP's hyd riveted 78 tons*

WELDING—State which seams are welded and give particulars of electrodes, procedure, weld tests and

heat treatment, etc.



© 2020

Lloyd's Register  
Foundation

## BOILERS, VERTICAL

Makers

No. of boilers

Type

Works No.

Plan No. and date of approval

Approved working pressure

Greatest internal dia.

height

shell thickness

Heating surface each

sq. ft.

Grate surface each

sq. ft.

System of draught

Fuel

Makers of plates

„ „ stay bars

„ „ rivet bars

„ „ rivets

„ „ tubes

Date of hydraulic test

Stamp mark and position on boiler

No. of safety valves each boiler

Rule dia.

Actual dia.

Date of setting safety valves

Pressure at which valves were set

Date of accumulation test

Max. pressure under accumulation test

## BOILERS, VERTICAL, Contd.

## BOILER CONSTRUCTION

Are all scantlings and construction in accordance with approved plans and the rules?

If not, give details

RIVETING—State type of riveting employed in different seams—hand, pneumatic or hydraulic

WELDING—State which seams are welded and give particulars of electrodes, procedure, weld tests, and heat treatment, etc.



© 2020

Lloyd's Register  
Foundation

## AIR RECEIVERS

Makers \_\_\_\_\_ Works No. \_\_\_\_\_

No. of receivers \_\_\_\_\_ purpose and position \_\_\_\_\_

Approved WP \_\_\_\_\_ Plan No. \_\_\_\_\_ Date of approval \_\_\_\_\_

Type—riveted, seamless, forge welded, fusion welded

Internal dia. \_\_\_\_\_ length \_\_\_\_\_ shell thickness \_\_\_\_\_ capacity each \_\_\_\_\_ cub. ft. \_\_\_\_\_

Makers of shell plates \_\_\_\_\_

„ „ ends \_\_\_\_\_

„ „ rivet bars \_\_\_\_\_

„ „ rivets \_\_\_\_\_

Are receivers fitted with openings or manholes \_\_\_\_\_

Are safety valves fitted on the receivers? \_\_\_\_\_ No. \_\_\_\_\_ dia. \_\_\_\_\_

Are receivers fitted with fusible plugs? \_\_\_\_\_

Are drain valves fitted at lowest part of receiver? \_\_\_\_\_

Are the scantlings and construction in accordance with the approved plans and the rules? \_\_\_\_\_

Are longitudinal seams hydraulic or hand riveted? \_\_\_\_\_

Are circumferential seams hydraulic or hand riveted? \_\_\_\_\_

Welded receivers—particulars of electrodes, weld test, etc., to be given on page 78 or separate report \_\_\_\_\_

Date of hydraulic test \_\_\_\_\_ Hydraulic test pressure \_\_\_\_\_

Date of setting safety valves \_\_\_\_\_ Pressure at which valves were set \_\_\_\_\_

Marks stamped on receivers \_\_\_\_\_

## SPARE GEAR



© 2020

Lloyd's Register  
Foundation



## ELECTRIC WELDING, Contd.

## GENERAL CONSTRUCTION

Have machinery and boilers been constructed in accordance with the requirements of the rules and the approved plans? *Yes* If not, give details

Are the materials used in the construction of engines and boilers, so far as could be seen, sound and trustworthy? *Yes*

Is the workmanship throughout thoroughly satisfactory? *Yes*

The above correctly describes the machinery of the

as ascertained by <sup>me</sup> from personal examination

*Harris*

Surveyors to the British Corporation Register  
of Shipping and Aircraft



© 2020

Lloyd's Register  
Foundation

GENERAL CONDITIONS

These conditions apply to all contracts for the charter of ships and to all bills of lading issued in connection with the charter of the ship.

Approved by the Board of Directors on 15th June 1910.

As the charter party is a contract of adhesion, it is subject to the provisions of the Act of 1892, and the provisions of the Act of 1924, in so far as they apply to such contracts.

Witness my hand and seal this 15th day of June 1910.

In witness whereof the Charterparty is signed and sealed at the office of the Charterparty on this 15th day of June 1910.

The above conditions apply to all contracts for the charter of ships and to all bills of lading issued in connection with the charter of the ship.

Approved by the Board of Directors on 15th June 1910.

Witness my hand and seal this 15th day of June 1910.



© 2020

Lloyd's Register  
Foundation

McCRODALL  
GLASGOW LONDON