

REPORT ON MACHINERY.

879

Port of *Genoa*

Received at *London Office* *June 1890*

879

Survey held at *Genoa*

Date, first Survey *3/12/89*

Last Survey *30/4/90*

(Number of Visits)

ook.

on the *S/S Camilla. C. ex Alciria ex Novoro.*

Tons *732-473*

Riccardi Built at *Belfast*

By whom built *Harland & Wolff*

When built *1864*

made at *Liverpool*

By whom made *John Jack & Co*

when made *1871*

made at *Marseilles*

By whom made *Messrs Fraissinet & Co*

when made *1884*

red Horse Power *163*

Owners *M^{rs} Onorato Conte*

Port belonging to *Genoa*

NES, &c.—

ion of Engines

r of Cylinders Length of Stroke No. of Rev. per minute Point of Cut off, High Pressure Low Pressure

r of Screw shaft Diam. of Tunnel shaft Diam. of Crank shaft journals Diam. of Crank pin size of Crank webs

r of screw Pitch of screw No. of blades state whether moveable total surface

Feed pumps diameter of ditto Stroke Can one be overhauled while the other is at work

Bilge pumps diameter of ditto Stroke Can one be overhauled while the other is at work

to they pump from

Donkey Engines Size of Pumps Where do they pump from

the bilge suction pipes fitted with roses Are the roses always accessible Are the sluices on Engine room bulkheads always accessible

bilge injections and sizes Are they connected to condenser, or to circulating pump

e the pumps worked

connections with the sea direct on the skin of the ship Are they Valves or Cocks

y fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates Are the discharge pipes above or below the deep water line

each fitted with a discharge valve always accessible on the plating of the vessel Are the blow off cocks fitted with a spigot and brass covering plate

ipes are carried through the bunkers How are they protected

pipes, cocks, valves, and pumps in connection with the machinery accessible at all times

pipes, cocks, and valves arranged so as to prevent an unintentional connection between the sea and the bilges

ere stern tube, propeller, screw shaft, and all connections examined in dry dock

crew shaft tunnel watertight and fitted with a sluice door worked from

ERS, &c.—

of Boilers *One* Description *Common Tubular* Whether Steel or Iron *Iron*

Pressure *60 lb* Tested by hydraulic pressure to *90 lb* Date of test *18/3/90.*

ion of superheating apparatus or steam chest *Circular shell around the funnel*

h boiler be worked separately Can the superheater be shut off and the boiler worked separately *No*

quare feet of fire grate surface in each boiler *72* Description of safety valves No. to each boiler *two*

each valve *15.63* Are they fitted with easing gear *yes* No. of safety valves to superheater *none* area of each valve

fitted with easing gear Smallest distance between boilers and bunkers or woodwork Diameter of boilers *158"*

f boilers *10' 1"* description of riveting of shell long. seams *treb lap* circum. seams *double lap* Thickness of shell plates *1"*

of rivet holes *9/8* whether punched or drilled *drilled* pitch of rivets *4"* Lap of plating *4 3/4*

ge of strength of longitudinal joint *71* working pressure of shell by rules *80* size of manholes in shell *16" x 11 1/2"*

compensating rings *flat iron 3 1/2 x 1"* No. of Furnaces in each boiler *three*

diameter *40.4* length, top *4.4* bottom *9.2* thickness of plates *8/16* description of joint *lap* if rings are fitted *one*

length between rings *4.0* working pressure of furnace by the rules *140 lb* combustion chamber plating, thickness, sides *10/16* back *10/16* top *10/16*

stays to ditto, sides *8" x 7"* back *7"* top *Circul.* If stays are fitted with nuts or riveted heads *riveted heads* working pressure of plating by

156 lb Diameter of stays at smallest part *1"* working pressure of ditto by rules *84 lb* end plates in steam space, thickness *11/16*

stays to ditto *14 3/4* how stays are secured *double nuts* working pressure by rules *77 lb* diameter of stays at

est part *1" 7/8* working pressure by rules *77 lb* Front plates at bottom, thickness *10/16* Back plates, thickness *10/16*

pitch of stays *7"* working pressure by rules *200* Diameter of tubes *3 1/2* pitch of tubes *4 7/8 x 4 7/8* thickness of tube

, front *12/16* back *12/16* how stayed *by rules* pitch of stays *13 7/8 x 9 3/4* width of water spaces *4"*

of Superheater or Steam chest *85"* length *6' 6"* thickness of plates *1/16* description of longitudinal joint *double lap* diam. of rivet holes *1"*

rivets *3 1/2* working pressure of shell by rules *88 lb* diameter of flue *50"* thickness of plates *9/16 full* If stiffened with rings *No*

between rings working pressure by rules *100 lb* end plates of superheater, or steam chest; thickness *11/16 full* how stayed *no stays*

Superheater or steam chest; how connected to boiler *by a tube*

GEN112-0140

Lloyd's Register Foundation

DONKEY BOILER— Description

Made at _____ by whom made _____ when made _____ where fixed _____
 Working pressure _____ tested by hydraulic pressure to _____ No. of Certificate _____ fire grate area _____ description of _____
 valves _____ No. of safety valves _____ area of each _____ if fitted with easing gear _____ if steam from main boiler _____
 enter the donkey boiler _____ diameter of donkey boiler _____ length _____ description of riveting _____
 Thickness of shell plates _____ diameter of rivet holes _____ whether punched or drilled _____ pitch of rivets _____ lap of plating _____
 per centage of strength of joint _____ thickness of crown plates _____ stayed by _____
 Diameter of furnace, top _____ bottom _____ length of furnace _____ thickness of plates _____ description of joint _____
 Thickness of furnace crown plates _____ stayed by _____ working pressure of shell by rules _____
 Working pressure of furnace by rules _____ diameter of uptake _____ thickness of plates _____ thickness of water tubes _____

SPARE GEAR. State the articles supplied :—

The foregoing is a correct description,

Manufacturer.

General Remarks (State quality of workmanship, opinions as to class, &c.)

This Boiler was built in 1884. It has been thoroughly examined & found in good order & was tested by hydraulic pressure up to 90 lbs & found perfectly tight.

The amount of Entry Fee .. £ : : received by me,

Special .. £ : :

Donkey Boiler Fee .. £ : :

Certificate (if required) .. £ : : 18

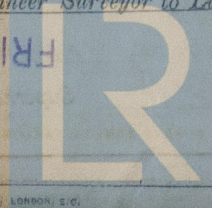
To be sent as per margin.

(Travelling Expenses, if any, £ _____)

Committee's Minute

Samuel Westerman
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping

FRI 19 DEC 90



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