

REPORT ON MACHINERY.

879

879
 Port of Genoa
 Survey held at Genoa Date, first Survey 3/12/89 Last Survey 3/4/90
 on the S/S Camilla, C. ex Alcira ex Novoro Tons 732-473
Riccardi Built at Belfast By whom built Harland & Wolff When built 1864
Liverpool By whom made John Jack & Co when made 1871
Marseilles By whom made Messrs Fraissinet & Co when made 1884
 Indicated Horse Power 163 Owners M^{rs} Onorata Conte Port belonging to Genoa

Engines, &c.—
 Number of Engines _____
 Number of Cylinders _____ Length of Stroke _____ No. of Rev. per minute _____ Point of Cut off, High Pressure _____ Low Pressure _____
 Diameter of Screw shaft _____ Diam. of Tunnel shaft _____ Diam. of Crank shaft journals _____ Diam. of Crank pin _____ size of Crank webs _____
 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 _____
 Are the bilge suction pipes fitted with roses _____ Are the roses always accessible _____ Are the sluices on Engine room bulkheads always accessible _____
 Are bilge injections _____ and sizes _____ Are they connected to condenser, or to circulating pump _____
 Are the pumps worked _____
 Are connections with the sea direct on the skin of the ship _____ Are they Valves or Cocks _____
 Are they 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 _____
 Are 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 _____
 Are pipes carried through the bunkers _____ How are they protected _____
 Are pipes, cocks, valves, and pumps in connection with the machinery accessible at all times _____
 Are pipes, cocks, and valves arranged so as to prevent an unintentional connection between the sea and the bilges _____
 Were stern tube, propeller, screw shaft, and all connections examined in dry dock _____
 Is crew shaft tunnel watertight _____ and fitted with a sluice door _____ worked from _____

Boilers, &c.—
 Number of Boilers One Description Common Tubular Whether Steel or Iron Iron
 Working Pressure 60 lb Tested by hydraulic pressure to 90 lb Date of test 18/3/90
 Position of superheating apparatus or steam chest Circular shell around the funnel
 Can the boiler be worked separately _____ Can the superheater be shut off and the boiler worked separately No
 Square feet of fire grate surface in each boiler 42 Description of safety valves _____ No. to each boiler two
 Area of each valve 19.63 Are they fitted with easing gear yes No. of safety valves to superheater none area of each valve _____
 Are they fitted with easing gear _____ Smallest distance between boilers and bunkers or woodwork _____ Diameter of boilers 158"
 Length of boilers 10' 1" description of riveting of shell long. seams treble lap circum. seams double lap Thickness of shell plates 1"
 Diameter of rivet holes 9/8 whether punched or drilled drilled pitch of rivets 4" Lap of plating 4 3/4"
 Working pressure of longitudinal joint 71 working pressure of shell by rules 80 size of manholes in shell 16" x 11 1/2"
 Description of 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
 Diameter of 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
 Diameter of stays to ditto 14 3/4" how stays are secured double nuts working pressure by rules 77 lb diameter of stays at 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 12/16
 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"
 Diameter 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"
 diameter of 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

GEN 112-0140

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, £ _____)

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

Committee's Minute

FRI 19 DEC 90



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