

REPORT ON BOILERS.

No. 6376
SAT. 26 OCT 1907

Received at London Office

Date of writing Report _____ When handed in at Local Office _____ 19 _____ Port of _____
 No. in Survey held at Belfast Date, First Survey See other sheet Survey _____ 19 _____
 Reg. Book _____ (Number of Visits _____) Tons { Gross 9201
 Net 5742
 on the S.S. L'Annois When built 1907
 Master _____ Built at Belfast By whom built Harland & Wolff when made _____
 Engines made at Belfast By whom made _____ when made _____
 Boilers made at _____ By whom made _____ when made _____
 Registered Horse Power _____ Owner Anglo American Oil Coy Ltd Port belonging to Belfast

MULTITUBULAR BOILERS ~~MAIN, AUXILIARY OR DONKEY.~~ - Manufacturers of Steel B. Colville & Sons Ltd

(Letter for record S) Total Heating Surface of Boilers 1248 sq ft Is forced draft fitted No No. and Description of Boilers one - cylind^r single tub Working Pressure 215 lbs Tested by hydraulic pressure to 430 lbs Date of test 7-5-07
 No. of Certificate 397 Can each boiler be worked separately Area of fire grate in each boiler 40 1/2 sq ft and Description of safety valves to each boiler two - Sweet Spring Area of each valve 7.07 sq in Pressure to which they are adjusted 215 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 about 3 ft Mean dia. of boilers 11'-6" Length 11'-0"
 Material of shell plates Steel Thickness 1/4" Range of tensile strength 28.32 tons Are the shell plates welded or flanged No
 Descrip. of riveting: cir. seams Lap R. long. seams Butt Saddle Diameter of rivet holes in long. seams 1 1/8" Pitch of rivets 9"
 Length of plates or width of butt straps 20 1/2" Per centages of strength of longitudinal joint rivets 89.3 Working pressure of shell by rules 242 lbs Size of manhole in shell 16" x 12" Size of compensating ring McNeill's No. and Description of Furnaces in each boiler 2 - Navvies Material Steel Outside diameter 44 1/2" Length of plain part top 3" Thickness of plates crown 3/16" bottom 3/32"
 Description of longitudinal joint Weld No. of strengthening rings Working pressure of furnace by the rules 238 lbs Combustion chamber plates: Material Steel Thickness: Sides 5/8" Back 1/2" Top 5/8" Bottom 3/32" Pitch of stays to ditto: Sides 7 1/2" x 7 1/2" Back 7 1/2" x 7 1/2"
 Top 8 1/2" x 7 1/2" If stays are fitted with nuts or riveted heads None inside Working pressure by rules 216 lbs Material of stays Steel Diameter at smallest part 1 1/8" Area supported by stay 54 1/2" Working pressure by rules 244 lbs plates in steam space: Material Steel Thickness 1/16"
 Pitch of stays 16" x 15 1/2" How are stays secured By nuts & washers Working pressure by rules 216 lbs Material of stays Steel Diameter at smallest part 2 5/16"
 Area supported by stay 248 sq in Working pressure by rules 239 lbs Material of Front plates at bottom Steel Thickness 1/16" Material of Lower back plate Steel Thickness 1/16" Greatest pitch of stays 1/3" Working pressure of plate by rules 574 lbs Diameter of tubes 3"
 Pitch of tubes 4 1/2" x 4 1/2" Material of tube plates Steel Thickness: Front 1/16" Back 1/16" Mean pitch of stay 8 1/2" x 8 1/2" Pitch across wide water spaces 14 1/2" Working pressures by rule 304 lbs Material of Chamber tops: Material Iron Depth and thickness of girder at centre 9" x (8" x 2) Length as per rule 29 1/2" Distance apart 8 1/2" Number and pitch of Stays in each 2 - 7 1/2"
 Working pressure by rules 226 lbs Superheater or Steam chest; how connected to boiler _____ Can the superheater be shut off and the boiler worked separately _____
 Diameter _____ Length _____ Thickness of shell plates _____ Material _____ Description of longitudinal joint _____ Diam. of rivet holes _____ Pitch of rivets _____ Working pressure of shell by rules _____ Diameter of flue _____ Material of flue plates _____ Thickness _____
 If stiffened with rings _____ Distance between rings _____ Working pressure by rules _____ End plates: Thickness _____ How stayed _____
 Working pressure of end plates _____ Area of safety valves to superheater _____ Are they fitted with easing gear _____

The foregoing is a correct description,
Geo Cunningham Harland & Wolff Ltd

Is the approved plan of boiler forwarded herewith _____

Total No. of visits _____

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

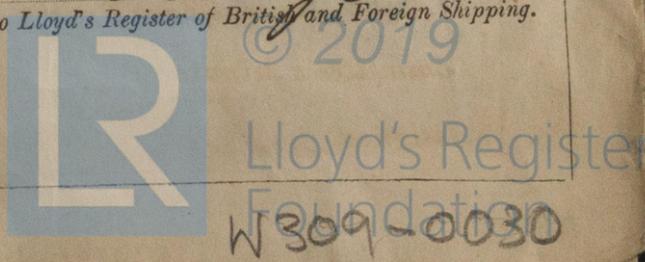
GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

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

R. L. Bewick
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUES. 29 OCT 1907

Assigned



Donkey Pumps.

- 2 - 11" H.M. Main Circulating Pumps
- 2 - 10" x 20" x 15" Lwin Kenton's Air Pumps
- 2 - 14" x 9" x 12" Duplex Feed Pumps
- 1 - 16" x 10" x 14" - Fire Pump
- 1 - 8" x 6" x 12" - Sanitary
- 1 - 12" x 10 1/4" x 10" - Ballast
- 1 - 7 1/2" x 4 1/2" x 10" - Donkey Feed
- 1 - 10" x 8 1/2" x 12" - Bilge
- 1 - 7 1/2" x 5" x 6" - Water Service
- 4 Feed injectors for Main Boilers
- 1 " " " " Donkey

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