

REPORT ON BOILERS.

No. 18763.

Received at London Office 17 SEP 1927

6/9/24

When handed in at Local Office 14th Sept 1924 Port of Greenock

REMARKS
 Survey held at Greenock Date, First Survey 14th February 1924. Last Survey 14th September 1924.
 on the T/S M/V Pacific Reliance (Number of Visits 128) Gross Tons Net
 Built at Glasgow By whom built Blythwood & Co. (14) When built 1927
 made at Greenock By whom made J. & W. McAuld & Co. (110) When made 1927
 made at Luchoe By whom made Babcock & Wilcox Co. When made 1927
 Horse Power Owners Port belonging to

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

for record) Total Heating Surface of Boilers Is forced draft fitted No. and Description of
 Working Pressure Tested by hydraulic pressure to Date of test
 Certificate Can each boiler be worked separately Area of fire grate in each boiler No. and Description of
 valves to each boiler on 2 Double Drum Area of each valve 3.14⁹ Pressure to which they are adjusted 105.
 fitted with easing gear Yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler —
 distance between boilers or uptakes and bunkers or woodwork 13" Mean dia. of boilers Length
 of shell plates Thickness Range of tensile strength Are the shell plates welded or flanged
 of riveting: cir. seams long. seams Diameter of rivet holes in long. seams Pitch of rivets
 plates or width of butt straps Per centages of strength of longitudinal joint rivets Working pressure of shell by
 Size of manhole in shell Size of compensating ring
 Material Outside diameter Length of plain part Thickness of plates crown
 No. of strengthening rings Working pressure of furnace by the rules Combustion chamber
 Material Thickness: Sides Back Top Bottom Pitch of stays to ditto: Sides Back
 If stays are fitted with nuts or riveted heads Working pressure by rules Material of stays Area at
 part Area supported by each stay Working pressure by rules End plates in steam space: Material Thickness
 stays How are stays secured Working pressure by rules Material of stays Area at smallest part
 supported by each stay Working pressure by rules Material of Front plates at bottom Thickness Material of
 back plate Thickness Greatest pitch of stays Working pressure of plate by rules Diameter of tubes
 tubes Material of tube plates Thickness: Front Back Mean pitch of stays Pitch across wide
 Working pressure by rules Girders to Chamber tops: Material Depth and thickness of
 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
 Thickness of shell plates Material Description of longitudinal joint Diam. of rivet holes
 rivets Working pressure of shell by rules Crown plates Thickness How stayed

HEATER. Type Date of Approval of Plan Tested by Hydraulic Pressure to
 Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler
 of Safety Valve Pressure to which each is adjusted Is Easing Gear fitted

The foregoing is a correct description,

Manufacturer.

During progress of work in shops - - - Is the approved plan of boiler forwarded herewith ✓
 During erection on board vessel - - - See Machinery Report Total No. of visits 128

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler now
 newly fitted on board in safe & satisfactory condition as above.

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

W. Gordon-Maclean
 Engineer Surveyor to Lloyd's Register of Shipping.

TUES. 20 SEP 1927

Committee's Minute See 4th Sept 1927

