

REPORT ON BOILERS.

No. 58509

JUN 30 1937

Writing Report 19 When handed in at Local Office 12. 6. 37 Port of Glasgow
 Date, First Survey 4. 3. 37 Last Survey 8. 6. 1937
 on the Boiler No 13523 (Number of Visits 12) Tons { Gross 6327 Net 3938
MV. PACIFIC TRADER
 Built at _____ By whom built _____ When built _____
 Made at _____ By whom made _____ When made _____
Furness Withy & Co Ltd Port belonging to London

VERTICAL DONKEY BOILER— No. 1 Description Cochran Manufacturers of steel Cottrills & Co
 at Annan By whom made Cochran & Co Annan When made 1937 Where fixed In Engine Room Working pressure 125
 by hydraulic pressure to 238 Date of test 6. 3. 37 No. of Certificate 19965 Fire grate area _____ Description of safety valves Enclined spring
 of safety valves 2 Area of each 7.65 Pressure to which they are adjusted 125 lbs @ If fitted with easing gear yes If steam from main boilers can
 the donkey boiler Diameter of donkey 9'-0" Length 21'-6" Material of shell plates 8 Thickness 3/4" - 7/8" - 2 1/32"
 e of tensile strength 28-32 Description of riveting long. seams DBS DR Diameter of rivet holes 1 1/16" - 3 1/32" Whether punched or
drilled Pitch of rivets 3-875, 3-375 Lap of plating 5 3/4" Per centage of strength of joint 74.4 Working pressure of shell by
152 Thickness of shell crown plates 1 1/8" - 1 1/8" Radius of do. 4'-6" No. of stays to do. none Diameter of stays ✓ Diameter of
 ce—Top Bottom 8'-0" Length of furnace ✓ Thickness of furnace side plates 3/4" Description of joint 8' less Working
 ure of furnace by rules 131 Thickness of Ogee ring 1 1/8" Working pressure of Ogee ring by rules 132 Thickness of furnace
 n plates 3/4" Radius of do. 4'-0" Stayed by Transverse Diameter of uptake 26" x 34" Thickness of uptake
 s 5/8" Thickness of tube plates front 1 3/16" Mean pitch of stay tubes in nest 11.7" Pitch in outer vertical rows 8 1/2"
 eter of tube holes FRONT stay 2 1/16" BACK stay 2 1/2" Working pressure of tube plates by rules F125 B130 Tubes: Material Iron
 rnal diameter stay 2 1/2" plain 2 9/16" Thickness stay 1 1/32" plain 1 1/32" No. of threads per inch 9 Pitch of tubes 4 1/4" x 3 9/16"
 king pressure by rules 125 Manhole compensation: Size of opening in shell plate 16" x 12" Section of compensating
9" x 1 3/32" No. of rivets and diameter of rivet holes 36 - 1 3/16 Outer row pitch at ends 4 1/8"
FOR COCHRAN & CO., ANNAN, LTD.
 The foregoing is a correct description, W. J. Baker Works Manager.

During progress of work in shops— 1937 Mar: 4. 23 Apr: 1. 8. 15. 22 30 May: 6. 11. 20 Drawing No. 22437
 During erection on board vessel— June: 4. 8 22569
 Total No. of visits 12
 Is the approved plan of boiler forwarded herewith yes
see Boiler No 13192 1936 Report No 57978

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
The materials and workmanship are good.
The boiler has been constructed under special survey.

12/6/37
This Boiler is intended for Furness Withy "Pacific Trader"
The boiler has been recently fixed on board the vessel, safety valves adjusted
working pressure and accumulation test satisfactorily carried
M. Caldwell
Underneath

Survey Fee £ 4 : 4 : } When applied for 19.....
 Travelling Expenses (if any) £ : : } When received 19.....
 COMMITTEE'S Minute GLASGOW 29 JUN 1937
 Assigned TRANSMIT TO LONDON
 J. S. Cairns, Engineer Surveyor to Lloyd's
 See New Report 95810
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