

## REPORT ON BOILERS.

No. 84546

17 AUG 1921

Received at London Office  
 Date of writing Report 17 AUG 1921 When handed in at Local Office 17 AUG 1921 Port of *Spanish*  
 No. in Survey held at *Kings Lynn* Date, First Survey *1<sup>st</sup> June 1920* Last Survey *29<sup>th</sup> July 1921*  
 eg. Book. *S. S. Salcombe Regis* (Boiler number *1134<sup>th</sup>*) (Number of Visits *11*) Gross Tons  
 on the *Louisa* By whom built *F. Chambers Ltd* When built *1921*  
 aster *Kings Lynn* By whom made *Dodman & Co. Ltd.* When made *1921*  
 ilers made at *Hawson & Sons* Port belonging to

VERTICAL DONKEY BOILER— No. *1134<sup>th</sup>* Description *Vertical cross tube* Manufacturers of steel *Stewart & Lloyd*  
 ade at *Kings Lynn* By whom made *Dodman & Co. Ltd.* When made *1921* Where fixed *Stockhold* Working pressure *100 lb*  
 sted by hydraulic pressure to *200 lb* Date of test *1-4-21* No. of Certificate *233* Fire grate area *18<sup>ft</sup>* Description of safety valves *Spring loaded*  
 o. of safety valves *1* Area of *valve 70<sup>sq</sup> in* Pressure to which they are adjusted *100 lb* If fitted with easing gear *Yes* If steam from main boilers can  
 ter the donkey boiler *No* Dia. of donkey boiler *5-6"* Length *10-0"* Material of shell plates *Steel* Thickness *13/32"* Range of tensile  
 length *23 tons* Descrip. of riveting long. seams *Double joint lap* Dia. of rivet holes *13/16"* Whether punched or drilled *Drilled* Pitch of rivets *3 1/4"*  
 ap of plating *5 5/8"* Per centage of strength of joint Rivets *75* Working pressure of shell by rules *102 lb* Thickness of shell crown plates *19/32"*  
 radius of do. *Flat* No. of Stays to do. *8* Dia. of stays *1 3/4"* Diameter of furnace Top *4-6"* Bottom *4-11"* Length of furnace *5-0"*  
 thickness of furnace plates *19/32"* Description of joint *Double riveted butt strap* Working pressure of furnace by rules *108 lb* Thickness of furnace crown  
 plates *19/32"* Radius of do. *Flat* Stayed by *8-1 3/4" stays* Diameter of uptake *15" x 11"* Thickness of uptake plates *1/2"*  
 thickness of water tubes ✓

The foregoing is a correct description,  
 For ALFRED DODMAN & CO. LTD. Manufacturer.

Dates { During progress of work in shops - - 1920: Jun 1-18 Sep 1-13 Nov 30. 1921: JAN 13 FEB 2 MAR 3-9 APR 1  
 of Survey { During erection on board vessel - - July 29.  
 while building { Total No. of visits *11*

Is the approved plan of boiler forwarded herewith ✓

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

This boiler has been built under Special Survey, the workmanship and materials are good, on completion was tested by hydraulic pressure & found tight & sound.

This boiler is a duplicate of those fitted in the Steamers "Pat Laurie", "Maystone" & "Emlynton", built by Messrs Chambers Ltd.

Survey Fee ... £ *4-4-0*  
 Travelling Expenses (if any) £ *3-17-0*

When applied for, *17.8.21*  
 When received, *17.3.22*

*A. E. Farmer*  
 Engineer Surveyor to Lloyd's Register of Shipping.

TUE NOV. 29 1921

TUE FEB. 20 1923

Committee's Minute  
 assigned

*13<sup>th</sup> Aug 1921*  
*See Entry yft attached*

Lloyd's Register  
 Foundation