

REPORT ON BOILERS.

No. 5306.

Received at London Office MON. MAR. 19 1923
 Date of writing Report 14th March 1923 When handed in at Local Office 14th March 1923 Port of Gothenburg
 No. in Survey held at Gothenburg Date, First Survey 4th January 1921 Last Survey 27th February 1923
 Reg. Book. Supplement 79774 on the Twin Screw Motor Vessel "LUOSSA" (Number of Visits 9) Gross 5580 Tons Net 3129
 Master Built at Gothenburg By whom built Aktieb. Götaverken When built 1923
 Boilers made at Gothenburg By whom made Aktieb. Götaverken When made 1923
 Owners Trafikaktieb. Grängesberg - Oxelösund Port belonging to Stockholm

VERTICAL DONKEY BOILER— No. 1484 Description *Vertical cross tube Galloway tube* Manufacturers of steel *Thömsnäs järnverks Akt.*
 Made at Gothenburg By whom made Aktieb. Götaverken When made 1923 Where fixed Engine room Working pressure 100 lbs
 Tested by hydraulic pressure to 200 lbs Date of test 22.3.21 No. of Certificate 187 Fire grate area Description of safety valves Direct spring loaded
 No. of safety valves 2 Area of each 3.14 \square Pressure to which they are adjusted 103 lbs If fitted with easing gear Yes If steam from main boilers can
 enter the donkey boiler Dia. of donkey boiler 1370 mm Length *3474 mm* Material of shell plates Steel Thickness 10 mm Range of tensile
 strength 46-48 kg/cm^2 Descrip. of riveting long. seams *Dbl riveted lap* Dia. of rivet holes 20.5 mm Whether punched or drilled Drilled Pitch of rivets 70 mm
 Lap of plating 100 mm Per centage of strength of joint Rivets 79.8 Working pressure of shell by rules 102 lbs Thickness of shell crown plates 13 mm
 Radius of do. 1600 mm No. of Stays to do. *Uptake* Dia. of stays Diameter of furnace Top 1050 mm Bottom 1200 mm Length of furnace 1600 mm
 Thickness of furnace plates 13 mm Description of joint *Single riveted lap* Working pressure of furnace by rules 103 lbs Thickness of furnace crown
 plates 15 mm Radius of do. 1200 mm Stayed by *Uptake pipe* Diameter of uptake 300 mm Thickness of uptake plates 12 mm
 Thickness of water tubes 10 mm

The foregoing is a correct description,

AKTIEBOLAGET GÖTAVERKEN
Gustaf A. Hedström Manufacturer.

Dates of Survey while building
 During progress of work in shops - 1921:- Jan. 4, 5, 21, Febr. 23, March 14, 22.
 During erection on board vessel - 1922:- Nov. 11 Dec. 5 1923:- Febr 27
 Total No. of visits 9

Is the approved plan of boiler forwarded herewith Yes. See approv. plan forwarded with No. 5306's Survey report.

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

This donkey boiler has been built under Special Survey in accordance with the Society's Rules and the approved plan. The workmanship is good.

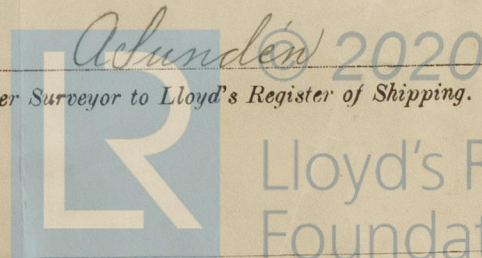
Survey Fee .../... £ 140.00 When applied for, 9th March 1923
 Travelling Expenses (if any) £ : : When received, 19

Committee's Minute FRI. 23 MAR. 1923

Assigned

See other Report

Engineer Surveyor to Lloyd's Register of Shipping.



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