Glasgow Report No. 45748

ot. 5b.

REPORT ON AIR RECEIVERS. BOILERS. No. 9H7H

Received at London Office 16 DEC 1925

Date of writing Report ... When handed in at Local Office 15-12-1925 Port of Belfast.

No. in Reg. Book. Survey held at Belfast Date, First Survey 14th Aug. 1925 Last Survey 9th Dec 1925

on the Air Receivers for the New Steel M.S. "OAKBANK" (Number of Visits 18) 24 MAR 1926

Master ... Built at Glasgow By whom built Harland & Wolff Ltd When built 1925

RECEIVERS ~~Boilers~~ made at Belfast By whom made Harland & Wolff Ltd When made 1925

Owners Messrs Andrew Weir & Co. (Bank Line Ltd.) Port belonging to Glasgow

Gross 3154 Tons Net 3154

AIR RECEIVERS.

~~VERTICAL DONKEY BOILER~~ No. Two. Description Horizontal Riveted Manufacturers of steel D Colville & Sons Ltd

Made at Belfast By whom made Harland & Wolff Ltd When made 1925 Where fixed Motor Room. Working pressure 356 lbs

ested by hydraulic pressure to 585 lbs Date of test 30-11-25 No. ~~of Certificate~~ STAMPED ON RECEIVERS 24 ~~Fire grate area~~ Description of safety valves SPRING LOADED

No. of safety valves Two Area of each 7 □" Pressure to which they are adjusted 356 Lbs/□" fitted with easing gear No ~~If steam from main boilers can enter the donkey boiler~~

Dia. of ~~donkey boiler~~ RECEIVERS 6'-0 3/8" Length 21'-0 5/16" Material of shell plates Steel Thickness 1 1/32 Range of tensile strength 28 ~~32~~ tons Descrip. of riveting long. seams T.R.D.B.S. Dia. of rivet holes 1 1/8" Whether ~~punched~~ or drilled drilled Pitch of rivets 4 13/16"

WIDTH OF ~~Lap of plating~~ BUTT STRAPS 16 5/8" Per centage of strength of joint Rivets 98.5 Plates 85.5 Working pressure of shell by rules 380 lbs Thickness of shell ~~crown~~ END plates 1 5/32 & 1 9/32

Radius of do. 11'-0" No. of Stays to do. None Dia. of stays ✓ ~~Diameter of furnace Top~~ ~~Bottom~~ ~~Length of furnace~~

~~Thickness of furnace plates~~ ~~Description of joint~~ Working pressure of ~~furnace~~ by rules 360 ~~45~~ lbs ~~Thickness of furnace crown~~

~~plates~~ ~~Radius of do.~~ ~~Stayed by~~ ~~Diameter of uptake~~ ~~Thickness of uptake plates~~

~~Thickness of water tubes~~ .

The foregoing is a correct description,

For HARLAND AND WOLFF, LIMITED.

T E Lebbeck

Manufacturer.

Dates of Survey while building — During progress of work in shops - Aug 14 24 Sept 11 14 18 25 Oct 2 9 16 23 Nov 6 13 19 25 26 27 30 Dec 1, 4 9 = 18

During erection on board vessel - -

Total No. of visits

Is the approved plan of boiler forwarded herewith No.

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

These Air Receivers have been built under Special Survey, Materials & Workmanship good. Hydraulic tests satisfactory. They have been shipped to Glasgow for installation in the Vessel.

These Air Recivers have now been fitted on board the above vessel in an efficient manner, examined under air pressure and safety valves adjusted to 356 Lbs/□". Washers F. & A. 15/32"

Survey Fee ... ... £ 8 : 8 : 0 When applied for, 15-12-1925

Travelling Expenses (if any) £ : ✓ : When received, 18. 1. 1926.

Lon Ltr Symes

William Pullar & A McCormick

Engineer Surveyors to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 23 MAR 1926

Assigned See Gb. Rpt. No. 45480

Lloyd's Register Foundation

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