

REPORT ON BOILERS.

Sld. No. 29900

Sld. No. 48451.

-3 OCT 1928

of writing Report

10

When handed in at Local Office

29. 9. 28

Port of Glasgow

No. in Survey held at

Annan

Date, First Survey

14. 8. 28

Last Survey

28. 4. Sept 1928

Book.

on the

BOILER No. 11039

M.S. NORTHMOOR.

(Number of Visits)

Tons

Gross 439 1/2

Net 2649

er

Built at

Sunderland

By whom built

Wm Duxford & Sons Ltd

When built

1928.

es made at

Annan

By whom made

Messrs Cochran & Co. Annan Ltd.

When made

1928

ers

Messrs. Laid.

Port belonging to

London.

VERTICAL DONKEY BOILER— No. One Description Vertical Manufacturers of steel D. Colville & Sons Ltd
 at Annan By whom made Cochran & Co. Annan When made 1928 Where fixed Reeds in engine room Working pressure 120 lbs.
 d by hydraulic pressure to 230 lbs Date of test 28-9-28 No. of Certificate 1805 Fire grate area 22.57 Description of safety valves Enclosed Spring
 of safety valves 2 Area of each 4.908 Pressure to which they are adjusted 125 lbs If fitted with easing gear Yes If steam from main boilers can
 the donkey boiler No Diameter of donkey boiler 6'-6" Length 16'-3" Material of shell plates Steel Thickness 17/32, 2 1/32, 17/32
 ge of tensile strength 28-32 Description of riveting long. seams D R Lap Diameter of rivet holes 29/32 Whether punched or
 drilled Pitch of rivets 2.766, 2.823, 2.864 Lap of plating 4 1/2 Per centage of strength of joint Rivets 71.5% Working pressure of shell by
 124.5 lbs Thickness of shell crown plates 15/16, 15/32 Radius of do. 3'-3" No. of stays to do. 7 Diameter of stays 1 1/2" Diameter of
 ace—Top 5'-6" Length of furnace 3'-7 1/2 Thickness of furnace side plates 1 1/2 Description of joint 7 Working
 sure of furnace by rules 141 lbs Thickness of Ogee ring 15/16 Working pressure of Ogee ring by rules 125.8 lbs Thickness of furnace
 n plates 9/16 Radius of do. 2'-9" Stayed by Hemisphere Diameter of uptake 15" x 23" Thickness of uptake
 s 9/16 Thickness of tube plates front 3/32 back 7/8 Mean pitch of stay tubes in nest 11-125 Pitch in outer vertical rows 8"
 eter of tube holes FRONT stay 2 1/16 BACK stay 2 1/2 Working pressure of tube plates by rules F 123 lbs Tubes: Material Wrought iron
 rnal diameter stay 2 1/2 plain 2 9/16 Thickness stay 11/32 plain 11.436 No. of threads per inch 9 Pitch of tubes 3 9/16 x 4"
 ing pressure by rules 125 lbs Manhole compensation: Size of opening in shell plate 16" x 12" Section of compensating
 6" x 27/32 No. of rivets and diameter of rivet holes 36 off. 29/32 Outer row pitch at ends 4"

The foregoing is a correct description,

J. E. Woodman

Manufacturer.

Annual Request

During progress of work in shops— 1928 Aug. 14-31- Sept. 11-20-28.
 During erection on board vessel—
 Total No. of visits 5

Drawing No. 13875

Is the approved plan of boiler forwarded herewith yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been built under
 way in accordance with the rules, and approved plan.
 The materials and workmanship are good.

This boiler is to the order Messrs Wm Duxford & Sons Ltd. Sunderland and
 intended for "moor" Line vessel No. 590.

This boiler has been satisfactorily fitted in the vessel & the safety
 valves adjusted under steam.

For notation see machinery report

Survey Fee ... £ 4-4-0

Travelling Expenses (if any) £

When applied for

19

When received

19

MONTHLY ACCOUNT

Committee's Minute

GLASGOW 2- OCT 1928

Signed

TRANSMIT TO LONDON

Engineer Surveyor to Lloyd's Register of Shipping.

FRI. 7 DEC 1928

See minute on Sld. Rpt 29900 attached

Lloyd's Register Foundation

W 202-0051