2/11 - 3/11

1937.

Rpt. 5e.

REPORT ON BOILERS. No. 59131

Date of writing Report ____ 19 ____ When handed in at Local Office 6. 12. 1937 Port of Glasgow

Received at London Office DEC 8 1937

No. in Reg. Book. ____ Survey held at J. Annan ____ Date, First Survey 10th Sep ____ Last Survey 2-12- 1937

on the M/V "NOORDAM". (Number of Visits 11) Tons { Gross ____ Net ____

Master ____ Built at Rotterdam ____ By whom built N.V. Machinefabriek & Scheepswerf v. Van P. Smit Jr. ____ When built 1938

Boilers made at Annan ____ By whom made Cochran & Co. Annan Ltd. (Nos 13930-1) ____ When made 1937

Owners Holland America Line ____ Port belonging to ____

VERTICAL DONKEY BOILER— No. 2 Description Vertical Manufacturers of steel Colville Ltd

Made at Annan By whom made Cochran & Co Annan Ltd When made 1937 Where fixed ____ Working pressure 100 lbs

tested by hydraulic pressure to 200 Date of test 30-11-37 (BLR No 13930) No. of Certificate 20052 Fire grate area 18.7 sq ft Description of safety valves Enclosed spring

No. of safety valves 2 Area of each 3.140 sq in Pressure to which they are adjusted 100 lbs If fitted with easing gear yes If steam from main boilers can

enter the donkey boiler ____ Diameter of donkey boiler 6'-0" Length 14'-0 Material of shell plates Steel Thickness 19/32" 1/2"

Range of tensile strength 28-32 tons Description of riveting long. seams DR Diameter of rivet holes 27/32" Whether punched or

drilled drilled Pitch of rivets 2.66". 2.69". 2.84" Lap of plating 4¼" Per centage of strength of joint Rivets 64.5 Plates 68.3 Working pressure of shell by

rules 121 Thickness of shell crown plates 15/32" 13/16" Radius of do. 3'-0" No. of stays to do. — Diameter of stays — Diameter of

furnace—Top — Bottom 5'-0" Length of furnace — Thickness of furnace ~~side~~ plates 1/2" Description of joint Seamless Working

pressure of furnace by rules 137 Thickness of Ogee ring 13/16" Working pressure of Ogee ring by rules 101 Thickness of furnace

crown ~~plates~~ 1/2" Radius of do. 2'-6" Stayed by hemisphere Diameter of uptake 15"×18" Thickness of uptake

plates 9/16" Thickness of tube plates front 7/8" back 11/16" Mean pitch of stay tubes in nest 10.968" Pitch in outer vertical rows 7½"

Diameter of tube holes FRONT stay 2 11/16" plain 2 9/16" BACK stay 2½" plain 2½" Working pressure of tube plates by rules F103. B108 Tubes: Material Iron

External diameter stay 2½" plain 2½" Thickness stay 11/32" plain 11 L.S.G. No. of threads per inch 9 Pitch of tubes 3 9/16" × 3 3/4"

Working pressure by rules 125 Manhole compensation: Size of opening in shell plate 16"×12" Section of compensating

ring 6" × 27/32" No. of rivets and diameter of rivet holes 36 @ 27/32" Outer row pitch at ends 3 11/16"

FOR COCHRAN & CO. ANNAN LTD.

The foregoing is a correct description,

Manufacturer.

WORKS MANAGER

Dates of Survey while building — During progress of work in shops: 1937 Sep: 10. 16. 20 Oct: 7. 14. 22. 28 Nov: 11. 19. 30 Dec: 2 Drawing No. E.35742

During erection on board vessel: ____

Total No. of visits 11 Is the approved plan of boiler forwarded herewith yes

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

The materials and workmanship are good.

The boilers have been constructed under Special Survey. They will be sent to Rotterdam to be fitted in the vessel.

9/12/37.

6/12/37. The boilers have been satisfactorily fitted on board the vessel accumulation test held and safety valves adjusted to the W.P. under steam.

Survey Fee ... ... £ 8 : 8 : When applied for ____ 19____

Travelling Expenses (if any) £ : : When received ____ 19____

MONTHLY ACCOUNT

S. C. Davis. D. Williams

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 7=DEC 1937

Assigned TRANSMIT TO LONDON

TUE 18 OCT 1938

See minute on ____

(The Surveyors are requested not to write on or below the space for Committee's Minute.)

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