

REPORT ON BOILERS.

Bel. 15464

No. 48755

Report 20.5.1952 When handed in at Local Office 20/5.52 Port of GLASGOW.
 Survey held at ANNAN Date, First Survey 24th Mar: 1952 Last Survey 13th May 1952
 in the SS "BRAEMAR CASTLE"
 1459 Built at Belfast By whom built Harland & Wolff Ltd., When built 11/52
 at Annan By whom made Cochran & Co. Annan Ltd. Boiler No. 19248-9 When made 1952
 ANNAN CASTLE MAIL S.S. CO. LTD. Port belonging to

AL DONKEY BOILER No. Two Description multitubular Manufacturers of steel Colvilles Ltd.,
 Annan By whom made Cochran & Co. Annan Ltd. When made 1952 Where fixed - Working pressure 100
 Hydraulic pressure to 200 Date of test 13.5.52 No. of Certificate 23656-7 Fire grate area - Description of safety valves spring loaded
 valves 2 Area of each 7.06 Pressure to which they are adjusted - If fitted with easing gear - If steam from main boilers can
 key boiler Diameter of donkey boiler 8'-0" Length 18'-9" Material of shell plates steel Thickness 9/16", 11/16"
 tens
 sile strength 28-32 Description of riveting long. seams D.R. Lap. Diameter of rivet holes 29/32" Whether punched or
 led Pitch of rivets 2.742, 2.886, / Lap of plating 4 1/2" Per centage of strength of joint Rivets 65.51 Working pressure of shell by
 lbs Thickness of shell crown plates 1/2", 1" of do. 4'-0" No. of stays to do. none Diameter of stays - Diameter of
 Bottom 7'-0" Length of furnace - Thickness of furnace side plates 5/8" Description of joint seamless Working
 furnace by rules 124.5 Thickness of Ogee ring 1" Working pressure of Ogee ring by rules 116.8 lbs Thickness of furnace
 5/8" Radius of do. 3'-6" Stayed by hemisphere Diameter of uptake 20" x 23 1/2" Thickness of uptake
 6" Thickness of tube plates Mean pitch of stay tubes in nest as approved Pitch in outer vertical rows 9"
 stay 2.11/16" BACK stay 13/16" F. 106.4 lbs
 tube holes FRONT plain 2.9/16" BACK plain 2 1/2" Working pressure of tube plates by rules B. 119.3 Tubes: Material steel
 stay 11/32" Thickness 2 1/2" No. of threads per inch 9 Pitch of Tubes 3.9/16" x 4 1/2"
 meter plain 10 ISG
 sure by rules 17" Manhole compensation; Size of opening in shell plate 21" x 17" Section of compensating
 x 1" No diameter of rivet holes 40 at 29/32" Outer raw pitch at ends 4.105"

The foregoing is a correct description,

Ex. 16/52

Manufacturer.

Working progress of 1952. Mar. 24. Apr. 3. 9. 17. 24. May 1. 13.

Drawing No. 36039

Working erection on board vessel - -

Total No. of Visits 7

Is the approved plan of boiler forwarded herewith Yes

REMARKS (State quality of workmanship, opinions as to class, &c.) The boiler has been built under
 Survey in accordance with the Rules and approved plans.
 Materials and workmanship are good.
 Boiler is being sent to Belfast for installation in the ship.

These Boilers were installed on board in a satisfactory manner, examined
 under full working conditions, and Safety Valves adjusted under steam to above
 rated pressures.

J.B. Small
 Belfast

ee ... £ 21 : 12 : - } When applied for Mon. A/c. 19
 Expenses (if any) £ : : } When received 19

Minute GLASGOW 27 MAY 1952 CW

Deferred for completion

Engineer Surveyor to Lloyd's Register of Shipping.

TUES. 16 DEC 1952

See F.E. Mch. 1952

Lloyd's Register Foundation

004564-004572-0246