

# REPORT ON BOILERS.

No. 17

Date of writing Report 27/4/59 When handed in at Local Office 19 Received at London Office 19 Port of

No. in Survey held at Reg. Book on the Date, First Survey Last Survey (Number of Visits) 19

Castellammare di Stabia By whom built Messrs. Navalmeccanica Yard No. 624 When built

Boilers made at Palazzolo S/Oglio By whom made Messrs. F. CASINGHINI Boiler No. CDM.8109 When made 1959 Owners ARETUSA S.p.A. - di Navigazione - Palermo Port belonging to

VERTICAL DONKEY BOILER - No. 1 Exhaust Gas donkey Boiler Description Manufacturers of steel tubes Dalmine (Ø 38x32)

Made at Palazzolo S/Oglio By whom made F. CASINGHINI When made 1959 Where fixed Working pressure 7 Kg/cm2

Tested by hydraulic pressure to 14 Kg/cm2 Date of test 12/1/59 No. of Certificate 4 Total heating surface of boilers 210 m2 Area of firegrate in each boiler - No. and description of safety valves on each boiler one ordinary spring loaded Area of each set of valves per boiler 7944 mm2 Pressure to which they are adjusted - If fitted with easing gear yes If steam from main boilers can enter the donkey boiler - Diameter of boiler -

Length - Material of shell plates S.M. Steel Thickness - Range of tensile strength 42 Kg/mm2 Description of riveting Long

Beams - Diameter of rivet holes - Whether punched or drilled - Pitch of rivets - Lap of plating - Thickness of shell crown plates - Radius of do - No. of stays to do - Diameter of stays - Diameter of furnace - Top - Bottom - Length of furnace - Thickness of furnace side plates - Description of joint - Thickness of Ogee ring - Thickness of furnace crown plates - Radius of do - Stayed by - Diameter of uptake - Thickness of uptake plates - Thickness of tube plates support front 12 mm. back 16 mm. Mean pitch of stay tubes in nest -

Pitch in outer vertical rows 95 mm. Diameter of tube holes FRONT 40.5 mm. BACK 96 mm. Tubes: Material S.M. Steel

External diameter stay plain 38 mm. Thickness stay plain 3 mm. No. of threads per inch Pitch of Tubes 110 mm.

Manhole compensation; Size of opening in shell plate Section of compensating ring No. of rivets and diameter of rivet holes Outer row pitch at ends

The foregoing is a correct description, F. CASINGHINI ECONOMEZZATORI GREEN Manufacturer.

Dates During progress of work in shops 13th December, 1958 - 12th January, 1959 Drawing No. CR.808/3, C.1845/A C.1845 approved by London on the 15.12.58. Total No. of visits Is the approved plan of boiler forwarded herewith no.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This donkey boiler (Economizer) has been constructed under Special Survey of tested materials, the workmanship and welding technique are good. The donkey boiler upon completion has been examined under hydraulic pressure to 14 Kg/cm2 and found tight and sound in every respect at that pressure. This boiler has been despatched to Messrs. NAVALMECCANICA (Castellammare di Stabia - Napoli) and is intended to be fitted on board their yard No. 624 - and when it has been fixed in place and examined to the satisfaction of the Society's Surveyors it may be included in the record of +DBS (with date).

Survey Fee Lit. 79,500 less 15% = Lit. 67,575 Travelling Expenses (if any) £ 16,444 Rev. Tax " 2,521

When applied for 6/5/1959 19 When received 19

(D. Lamuraglia) Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute [FRIDAY - 1 JAN 1960

Assigned See Rpt. 1.

