

REPORT ON BOILERS.

No. 5111

29 MAR 1954

Received at London Office

Date of writing Report 9 - 3 - 54 When handed in at Local Office 19 Port of NAPLES.

No. in Survey held at TARANTO Date, First Survey 3 - 2 - 54 Last Survey 5 - 3 - 1954

(Number of Visits 3) Tons Gross Net

on the Motor Tanker "AGOSTINO PASSIO".

uilt at Taranto By whom built Cantieri Navali di Taranto. Yard No. 143 When built 1954

Engines made at Turin By whom made Soc. Anon. "FIAT" S.G.M. Engine No. 3735 When made 1953

Boilers made at Legnane By whom made Franco Tosi Boiler No. 6382 When made 1954

Owners "PASSIO" Soc. An. Navigaz. Port belonging to Genoa.

VERTICAL DONKEY BOILER. Exhaust Gas.

Made at Legnane By whom made Franco Tosi Boiler No. 6382 When made 1954 Where fixed In Funnel

Manufacturers of Steel For particulars of construction see Genoa Rpt. No 19737

Total Heating Surface of Boiler Is forced draught fitted Coal or Oil fired Working pressure

No. and Description of Boilers tested by hydraulic pressure to Date of test No. of Certificate

Area of Firegrate in each Boiler No. and Description of safety valves to each boiler

Area of each set of valves per boiler per rule Pressure to which they are adjusted 8 Kg/cm² Are they fitted with easing gear Yes

State whether steam from main boilers can enter the donkey boiler No. Smallest distance between boiler or uptake and bunkers woodwork Well clear.

Is oil fuel carried in the double bottom under boiler Smallest distance between base of boiler and tank top plating

Is the base of the boiler insulated Largest internal dia. of boiler Height Thickness

Shell plates: Material Tensile strength Thickness Are they fitted with easing gear

Are the shell plates welded or flanged If fusion welded, state name of welding firm

Have all the requirements of the Rules for Class Tressels been complied with Description of riveting: circ. seams end inter

Long. seams Dia. of rivet holes in circ. seams long. seams Pitch of rivets Percentage of strength of circ. seams plate rivets

Longitudinal joint plate rivets combined Thickness of butt straps outer inner Shell Crown: Whether complete hemisphere, dished partial

Spherical, or flat Material Tensile strength Thickness

Radius Description of Furnace: Plain, spherical, or dished crown Material Thickness External diameter Length as per rule

Tensile strength Thickness Are stays fitted with nuts or riveted over

Pitch of support stays circumferentially and vertically Radius of spherical or dished furnace crown Diameter as per rule D d

Thickness of Ogee Ring Thickness of top plate

Combustion Chamber: Material Tensile strength Thickness of back plate Diameter if circular

Radius if dished Thickness of back plate Diameter if circular Pitch of stays

Length as per rule Are stays fitted with nuts or riveted over Diameter of stays over thread

Tube Plates: Material front back Tensile strength Thickness Mean pitch of stay tubes in nests

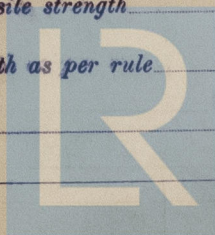
comprising shell, Dia. as per rule front back Pitch in outer vertical rows stay plain Dia. of tube holes FRONT stay plain BACK stay plain

each alternate tube in outer vertical rows a stay tube

Orders to combustion chamber tops: Material Tensile strength Length as per rule

Depth and thickness of girder at centre No. and pitch of stays in each

Distance apart



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Crown stays: Material _____ Tensile strength _____ Diameter { at body of stay, _____ or over threads _____

No. of threads per inch _____ Screw stays: Material _____ Tensile strength _____

Diameter { at turned off part, _____ or over threads _____ No. of threads per inch _____ Are the stays drilled at the outer ends _____

Tubes: Material _____ External diameter { plain _____ stay _____ Thickness { _____

No. of threads per inch _____ Pitch of tubes _____

Manhole Compensation: Size of opening in shell plate _____ Section of compensating ring _____ No. of rivets and diameter _____

of rivet holes _____ Outer row rivet pitch at ends _____ Depth of flange if manhole flanged _____

Uptake: External diameter _____ Thickness of uptake plate _____

Cross Tubes: No. _____ External diameters { _____ Thickness of plates _____

Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with _____

The foregoing is a correct description,

CANTIERI NAVALI DI TARANTO S.p.A.

Direzione Cantiere

Manufacturer.

Dates of Survey while building { During progress of work in shops - - } Is the approved plan of boiler forwarded herewith (If not state date of approval.)

{ During erection on board vessel - - } 3/2/54 15/2/54 5/3/54 Total No. of visits 3

Is this Boiler a duplicate of a previous case _____ If so, state Vessel's name and Report No. _____

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

This Exhaust Gas Donkey Boiler has been properly fitted on board, the workmanship is good.

The boiler was subsequently examined under steam and the Safety Valves adjusted to the approved working pressure and an accumulation of pressure test carried out with satisfactory results.

The boiler is eligible in my opinion to be included in the L.M.C. record for this vessel.

Included in the machinery report.

Survey Fee ... £ : : When applied for, 19

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

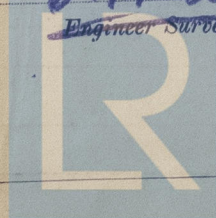
FRIDAY - 2 APR 1954

Committee's Minute

Assigned

See Rpt. 40

Engineer Surveyor to Lloyd's Register of Shipping.



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