

# 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 FASSIO".

built 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 "FASSIO" 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

Name and Description of Boilers Working pressure

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 Pressure to which they are adjusted 8 Kg/cm<sup>2</sup> 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

Shell plates: Material Tensile strength Thickness

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

Have all the requirements of the Rules for Class T vessels been complied with Description of riveting: circ. seams

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

Longitudinal joint Thickness of butt straps Shell Crown: Whether complete hemisphere, dished partial

Spherical, or flat Material Tensile strength Thickness

Radius Description of Furnace: Plain, spherical, or dished crown Material

Tensile strength Thickness External diameter Length as per rule

Pitch of support stays circumferentially and vertically Are stays fitted with nuts or riveted over

Diameter of stays over thread Radius of spherical or dished furnace crown

Thickness of Ogee Ring Diameter as per rule

Combustion Chamber: Material Tensile strength Thickness of top plate

Radius if dished Thickness of back plate Diameter if circular

Length as per rule Pitch of stays

Are stays fitted with nuts or riveted over Diameter of stays over thread

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

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

each alternate tube in outer vertical rows a stay tube

Stays to combustion chamber tops: Material Tensile strength

Depth and thickness of girder at centre Length as per rule

Distance apart No. and pitch of stays in each



