

# REPORT ON BOILERS.

No. 14895

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Writing Report 17/6/37.19 When handed in at Local Office 17/6/37.19 Port of GENOA.

Survey held at LA SPEZIA. Date, First Survey 2/6/37. Last Survey 5/6/37. 19xx

on the M/V. "FELLA" (Number of Visits Two) Gross 6072 Tons Net 3748

Trieste By whom built Stabilimento Tecnico Yard No. - When built 1926/3

made at Trieste By whom made Stabilimento Tecnico Engine No. - When made 1926

made at Glasgow By whom made Cochran & Co. Ltd Boiler No. 9254 When made 1925

"ITALIA" S.A. di NAVIGAZIONE. Port belonging to Venice.

## MICAL DONKEY BOILER.

Glasgow By whom made Cochran & Co. Ltd. Boiler No. 9254 When made 1925 Where fixed -

Manufacturers of Steel -

Heating Surface of Boiler 500 sq. feet. Is forced draught fitted - Coal or Oil fired Oil

Description of Boilers One Vertical Multitubular Boiler Working pressure 100 lbs/sq. inch

Hydraulic pressure to 200 lbs/sq. inch Date of test Retest 5/6/37 No. of Certificate 16779

Firegrate in each Boiler - No. and Description of safety valves to each boiler Two Spring Loaded.

each set of valves per boiler per rule 5.43 sq. inch as fitted 9.8 sq. inch Pressure to which they are adjusted - Are they fitted with easing gear -

Whether steam from main boilers can enter the donkey boiler - Smallest distance between boiler or uptake and bunkers

work - 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 6'-6" Height 14'-6"

Material: Material Steel Tensile strength 28-32 tons/sq. inch Thickness 15/32" & 19/32"

Shell plates welded or flanged No Description of riveting: circ. seams {end Single inter. Double} long. seams Double

Rivet holes in {circ. seams 27/32" Pitch of rivets {2" 1/8 Long. seams 27/32" Percentage of strength of circ. seams {plate 60.4% rivets 46.1%} of Longitudinal joint {plate 68.2% rivets 68.8% combined -

Working pressure of shell by rules 110 lbs/sq. inch. Thickness of butt straps {outer - inner -

Form: Whether complete hemisphere, dished partial spherical, or flat Complete Hemisphere Material Steel

Strength 28-32 tons/sq. inch Thickness 27/32-13/32" Radius 39" Working pressure by rules 144 lbs/sq. inch

Form of Furnace: Plain, spherical, or dished crown Spherical Material Steel Tensile strength 26-30 tons/sq. inch

External diameter {top - bottom -} Length as per rule - Working pressure by rules -

Support stays circumferentially - and vertically - Are stays fitted with nuts or riveted over -

of stays over thread - Radius of spherical or dished furnace crown 33" Working pressure by rule 125 lbs/sq. inch

of Ogee Ring 37/32" Diameter as per rule {D 6'-6" d 66"} Working pressure by rule 101 lbs/sq. inch.

Form of Chamber: Material - Tensile strength - Thickness of top plate -

dished - Working pressure by rule - Thickness of back plate - Diameter if circular -

per rule - Pitch of stays - Are stays fitted with nuts or riveted over -

of stays over thread - Working pressure of back plate by rules -

Material: Material {front Steel Tensile strength 26-30 Tons Thickness 13/16" Mean pitch of stay tubes in nests 12"x 10" 11/16 back Steel Tensile strength 26-30 Tons Thickness 23/32"

Working shell, Dia. as per rule {front 72" 3/4 Pitch in outer vertical rows {4" Dia. of tube holes FRONT {stay 2 11/16 BACK {stay 2 1/2 plain 2 9/16 plain 2 1/2

Alternate tube in outer vertical rows a stay tube Yes Working pressure by rules {front 101.8 lbs/sq. in. back 107.5 " "

Form of combustion chamber tops: Material Steel Tensile strength -

Thickness of girder at centre - Length as per rule -

Support - No. and pitch of stays in each - Working pressure by rule -

