

REPORT ON BOILERS.

Date of writing Report 7/12/ 36 When handed in at Local Office 7/12/ 36 Port of **SPLIT** Received at London Office 11 DEC 1936

No. in Reg. Book. 89765 Survey held at **SPLIT** Date, First Survey 24th. Nov. Last Survey 30th. Nov. 1936

on the **Steel Screw Steamer "PLAVNIK" ex "MATIGNON"** (Number of Visits 2) Tons { Gross 2711 Net 1649

Master _____ Built at **Hamburg** By whom built **Schiffsw(V.J.&Sch.)** Yard No. _____ When built 1922
Engines made at **Hannover** By whom made **Hannoverische Masch.A.G.** Engine No. _____ When made 1922
Boilers made at **Hamburg** By whom made **Schiffsw(v.J.&Sch.) A.G.** Boiler No. _____ When made 1922
Nominal Horse Power 226 Owners **Brod.Akc.Drustvo "Oceania"** Port belonging to **Susak**

MULTITUBULAR BOILERS - MAIN, ~~AUXILIARY, OR DONKEY.~~

Manufacturers of Steel _____ (Letter for Record _____)

Total Heating Surface of Boilers 217.5sq.m. x 2 = 435 Is forced draught fitted **Yes** Coal or Oil fired **Coal**

No. and Description of Boilers **2 Multitubular** Working Pressure **13kg./sq. cm.**

Tested by hydraulic pressure to _____ Date of test _____ No. of Certificate _____ Can each boiler be worked separately **Yes**

Area of Firegrate in each Boiler 5.3sq.m. = 57 # No. and Description of safety valves to each boiler **2 valves in one chest. Valves and springs cased in.**

Area of each set of valves per boiler { per Rule as fitted 37.3sq.in. Pressure to which they are adjusted _____ Are they fitted with easing gear **Yes**

In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler _____

Smallest distance between boilers or uptakes and bunkers 12" Is oil fuel carried in the double bottom under boilers **No**

Smallest distance between shell of boiler and tank top plating 19" Is the bottom of the boiler insulated **Yes**

Largest internal dia. of boilers 4300m/m Length 3808m/m Shell plates: Material _____ Tensile strength _____

Thickness 29m/m Are the shell plates welded or flanged **Flanged** Description of riveting: circ. seams { end **Double riveted** inter. ---

long. seams **4 rows of rivets** Diameter of rivet holes in { circ. seams 34m/m Pitch of rivets { 110.5m/m { long. seams 34m/m { 119 & 238m/m

Percentage of strength of circ. end seams { plate rivets _____ Percentage of strength of circ. intermediate seam { plate rivets _____

Percentage of strength of longitudinal joint { plate rivets _____ Working pressure of shell by Rules _____

Thickness of butt straps { outer 22m/m inner 22m/m No. and Description of Furnaces in each Boiler **3 Morrison corrugated**

Material _____ Tensile strength _____ Smallest outside diameter 1029m/m

Length of plain part { top _____ bottom _____ Thickness of plates { crown 14.5m/m Description of longitudinal joint **welded** { bottom 14.5m/m

Dimensions of stiffening rings on furnace or c.c. bottom _____ Working pressure of furnace by Rules _____

End plates in steam space: Material _____ Tensile strength _____ Thickness 24m/m Pitch of stays **410 & 420m/m**

How are stays secured **Screwed into plates with nuts each side** Working pressure by Rules _____

Tube plates: Material { front _____ back _____ Tensile strength { _____ Thickness { 24m/m { 24m/m

Mean pitch of stay tubes in nests 220 x 210m/m Pitch across wide water spaces 360m/m Working pressure { front _____ back _____

Girders to combustion chamber tops: Material _____ Tensile strength _____ Depth and thickness of girder _____

at centre 225 x 18m/m Length as per Rule 820 Distance apart 200m/m No. and pitch of stays _____

in each **3 at 200m/m** Working pressure by Rules _____ Combustion chamber plates: Material _____

Tensile strength _____ Thickness: Sides 17.5m/m Back 17m/m Top 17.5m/m Bottom 22m/m

Pitch of stays to ditto: Sides 170 & 200 x 200 Back 190 x 195m/m 200 x 200m/m Are stays fitted with nuts or riveted over **Top riveted over Back & sides nut**

Working pressure by Rules _____ Front plate at bottom: Material _____ Tensile strength _____

Thickness 24m/m Lower back plate: Material _____ Tensile strength _____ Thickness 24m/m

Pitch of stays at wide water space 400 x 500m/m 330 Are stays fitted with nuts or riveted over **Nuts inside and outside**

Working Pressure _____ Main stays: Material _____ Tensile strength _____

Diameter { At body of stay 70m/m or _____ No. of threads per inch 10 Area supported by each stay _____

Working pressure by Rules _____ Screw stays: Material _____ Tensile strength _____

Diameter { At turned off part 2", 1 3/4" & 1 1/2" or _____ No. of threads per inch 10 Area supported by each stay _____

