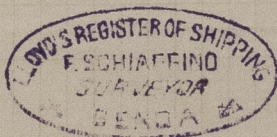


Design No 18466  
 Amended Drawing of Boiler for the  
A. N. "Bagunto"

Mean pitch of tubes = 3 spaces  
 =  $3 \times 4.625 = 13.875$

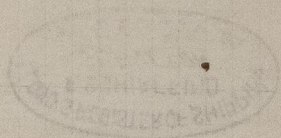
- { Diameter of Boiler  $13'-6\frac{5}{32}"$  ✓  
 Length " "  $10'-11\frac{1}{8}"$  ✓  
 Thickness of shell  $.748 = \frac{12}{16}"$  ✓  
 Seat of Rivets  $1.18$  ✓  
 Pitch of "  $5.125$  Double riveted & Built straps  
 { Seat of Furnace  $44'-31" 40.72$  Corrugated Plain  
 Length " "  $4'-11" 8'-2\frac{1}{2}" 9'-5"$  ✓  
 Thickness " "  $.64" 393 = \frac{10.35}{16}"$  ✓  
 { C. Chamber, Top, Btl, sides, bottom  $.512$  ✓ - Re<sup>d</sup> outside  
 Pitch of stays. Back  $8\frac{3}{32} + 8\frac{3}{32}$  and  $8\frac{3}{32} + 7\frac{5}{32}$  - sides  $8\frac{3}{32} + 7\frac{5}{32}$ . Top rounded  $19.22$  -  
 { End plates in steam space Thickness =  $.748 = \frac{12}{16}"$  nearly  
 Pitch of stays  $18\frac{3}{32}" + 18\frac{3}{32}"$ . Seat of stays effective steel  $2\frac{1}{16}"$   
 Horizontal wide space at front between tubes & space stays  $13\frac{25}{32}"$   
 " " " " back " screwed stays " " "  $17\frac{5}{16}"$   
 Off seat of screwed stays Top row Back =  $1\frac{29}{32}"$ . Boundary row =  $1\frac{11}{32}"$ . Others =  $1\frac{1}{8}"$   
 { Front tube plate thickness =  $.748$  Doubling =  $.59$   
 Wide space between tubes =  $14\frac{3}{16}"$   
 Back tube plate =  $.748$   
 Back plate at Boiler bottom =  $.708 = \frac{11.25}{16}"$  Doubling =  $.59$   
 Wide space between stays at back =  $13\frac{5}{32}"$

- { shell of Super heater  
 Mean Seat of Super heater =  $6'-4\frac{3}{8}"$ . Length =  $5'-10\frac{1}{8}"$   
 Thickness of shell =  $\frac{19}{32}"$ . Thickness of ends =  $\frac{23}{32}"$   
 Seat of super heater furnace =  $4'-8\frac{1}{4}"$  - Thickness =  $\frac{19}{32}"$  made  $\frac{21}{32}"$   
 Length " " " =  $5'-9\frac{1}{2}"$  from rivets to rivets  
 Joint of super heater shell double lap, - Rivets =  $\frac{7}{8}"$ . Pitch =  $3\frac{1}{2}"$



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Gen 2599

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