

Copy of approved midship section to
accompany first entry report.
No. 13665

Midship Section

S.S. 7605 ~~126~~ + 488

Dimensions 345' x 49' 9" x 49' 4" x 28' 5" mid to Spar Deck

1/2 class 100 A-1. at Lloyds & Spar Deck Rule

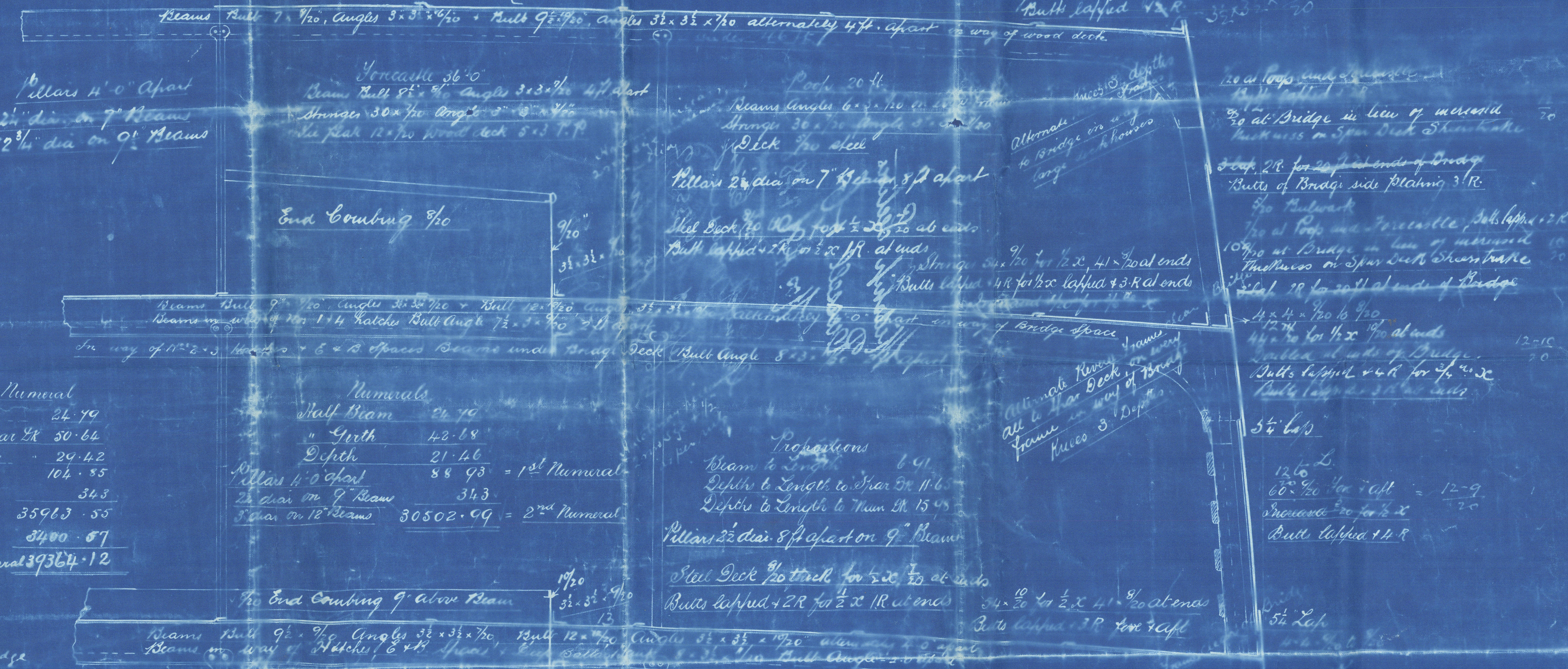
Scale 1/2" = one foot

20.2.02
20.5.02

Bridge 202 ft

Steel Deck 7/16". Wood deck in way of Housings

Stringer 40 x 7/16" flanged to shell
Bulls lapped 1/2" R. 3/16" x 10



Equipment Manual	
Half Beam	24.99
Half Girth to Spar Deck	50.64
Depth to	29.42
	104.55
	34.3
	35963.55
Exclusions	3400.87
Equipment Manual	39364.12

Manuals	
Half Beam	24.99
" Girth	42.68
Depth	21.46
Pillars 4' 0" apart	88.93 = 1st Manual
2 1/2" dia on 9 Beams	34.3
3 1/2" dia on 12 Beams	30502.09 = 2nd Manual

Proportions
Beam to Length 6.41
Depth to Length to Spar Deck 11.6
Depth to Length to Main Deck 15.95

Pillars 2 1/2" dia 8 ft apart on 9" Beams

Steel Deck 7/16" thick for 5' x 5' at ends

Bulls lapped 1/2" R. for 1/2" x 1/2" IR at ends
34 x 20 for 1/2" x 41 x 20 at ends
Bulls lapped 1/2" R. for 1/2" x 1/2"

Equipment	
1 Beam Under 40 Cuts in Stock	
1 Beam	38
1 "	36
1 "	12
1 Ridge	6

270 Fathom 2 1/2" Steel Chain Cable 573.2.14
90 " 1 1/2" Stream Steel Chain 44.2 Steel Wire 98
120 " 1 1/2" Stream or 4 1/2" Steel Wire
90 " 7" Hauls to 2 1/2" " 4 9 ft

Plate 36 x 20 for 3/16" x 1/2" at ends
Pipelay East connect to deck plating. Ladder 9 at head 4 1/2" at front
Beams 32 x 32 x 7/16" for 3/16" x 8 7/16" at ends
Kerene Frames 6 x 3 1/2" x 7/16" for 3/16" x 7/16" at ends
all to spar deck above after plate bulkhead. Alternately to Forecastle. 4.5 x 3/16" in peak
Double under engine 3 1/2 x 3 1/2 x 3/16" from margin to margin plate. Single under Boiler 6 x 3 1/2 x 3/16"
Bulkheads Lower half 3/16" upper half 5/16" Vertical Stiffeners Bulkheads 8 x 3 1/2 x 3/16" spaced 30
apart - 1 bracket to Tank Top - Angles 4 x 3 1/2 x 3/16" between main & Spar Decks
Bulkheads 5/16" x 3 1/2" horizontally to main for lower half
Joints 7/16" x 3 1/2" spaced 30 ft apart 30 ft below bulkhead 30 ft plating at bulkhead
After Hoods of plating on propeller port 6 1/2" frame thickness as main bulkhead
Cross Plates and plates above and below same 30 ft apart
Rods in Shell and Stinger Bulls 3 1/2" diam 8' 6" 0"
Rods in Frames and Kerene frames frame & shell plating 7 diam 8' 6" 0"
Rods in Stem - Sternpost 1 1/2" diam 8' 6" 0" 6" 0"
Rods in Bulkheads of inner bottom plating 4 diam 8' 6" 0"
Before 3/16" x rods in bottom frames 3 1/2" diam 8' 6" 0"
Before 3/16" x rods in plate (main) in way of Tank 4 diam 8' 6" 0"
Frames to be joggled as in previous Cues

All parts of Double Bottom in Boiler Room
measured 1/20" except floor, 1/16" plating which are
measured 1/20" and 1/16"

Pillars 4' dia 8' 0" apart on 9" Beams

measured at ends as per rule

measured at ends as per rule

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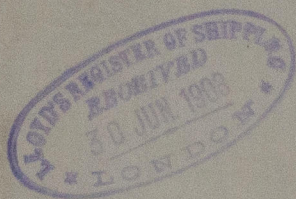
measured at ends as per rule

Copy of Madship Section

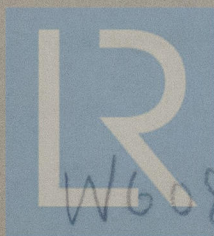
S.S. Mercury

Grk 1st Entry report

N^o. 13661.



RETAILED



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Foundation

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