

midship Section S.S. N° 200  
Steel Screw Steamer  
Rule Dimensions 408' 2" x 53' 85" B x 31' 40" D mid  
To Class 100 A-1 Lloyd's  
Scale 1/2" = 1 Foot



27.11.14  
30.12.14  
19.4.16

B - 53.85  
D - 31.40  
55.25  
408.2  
170.50  
482.00  
341.00  
347.99.050

d - 31.4  
22.4  
3.41  
18.99

3.41 Tank  
3.41

D to L upper 31.4) 408.2 (13 not exceeding  
34.1  
34.1  
34.1

D to L Bridge 39.4) 408.2 (10.3  
39.4  
39.4  
39.4

Equipment N° 4 x B x D = 347.99.05  
Prop. Bty x Ftl 222 x 8 x 3/4 = 1332  
Stern Whiggle (long) 112 x 8 x 1/2 = 4.48  
36.579.05

Frames in Piths 7 1/2 x 3 1/2 x 44 B.A. or  
8 x 3 1/2 x 40 B.A. to foot of Pith spaced 24" apart  
Frames 10 x 3 1/2 x 56 B.A. spaced 26 1/2" extend  
to 2nd x upper 2nd alternately  
Frames above B.A. frame 6 1/2 x 3 1/2 x 48 or 6 x 3 1/2 x 50 angle could be 6 x 3 1/2 x 40 angles  
Capped down B.A. frame at 2nd x upper dk alternately as shown

Transom Floor .50 End Floors .40

Stem bar 10 1/2 x 2 1/4, Rolled Steel Bar  
Propeller Post 10 1/2 x 8 Rudder Post 9 x 8 Forging of forged iron per spec  
Rudder as per plan

C<sup>1</sup> Girder Top angle 4 1/2 x 4 1/2 x 60 to 56 single 62 in B space 3 1/2 x 52 double in engine space and N° 1 hold  
Bottom angle 4 1/2 x 4 1/2 x 60 to 56

Margin Angle 4 x 4 x 48  
Tank Frames 3 1/2 x 3 1/2 x 42 for 1 1/2 to 40 double for 3/4 L for 1  
3 1/2 x 3 1/2 x 42 + 8 per spec iron in B space

Reverses 3 1/2 x 3 1/2 x 42 for 1 1/2 to 40 (52 in B space + 8 per spec iron)  
Double under Engines to 1.0 beyond Girder outside

Bedplate x double under Boiler beams

Inter Vertical 3 x 3 x 4 (5 in B space + 8 per spec iron)

C<sup>2</sup> Girder Verticals 5 x 5 x 56 for 1 1/2 to 66 in B space  
3 1/2 x 3 1/2 x 40 single beyond 1 1/2

Inter dk flanged 3 1/2 on top

Bottom angle 3 1/2 x 3 1/2 x 42 to 40  
3 1/2 x 3 1/2 x 42 to 40 + 1/8 per spec iron in B space  
Top 3 1/2 x 3 1/2 x 42 to 40 (52 in B space + 1/8 per spec iron)

Margin Verticals 5 x 5 x 56 single from Collision Bld to upper end of engine room  
66 in B space  
3 1/2 x 3 1/2 x 42 to 40 at aft end  
Frame 3 1/2 x 3 1/2 x 42 to 40, 52 in B space, 5 x 3 1/2 in way of 5" outside Vell

Circle Girder 4 1/2 x 52 to 42, 60 in B space

Side 4 1/2 x 52 to 42, 60 in B space

Margin plate 3 1/2 x 48, 58 in B space

reduced at end as per rule above 3 1/2

Floors 40 for 1 1/2 to 36 (50 in B space iron + 8 per spec iron)

Bracket floors 40 for 1 1/2 to 36 50 in B space

Tank bottom floors stiffened with 3 x 3 x 4 angle where intercostals are  
over 6.0 spacing

Bridge 2nd plating 140 to be steel of iron thickness where exposed purpose =  
140 + 10% = 154  
Butts overlapped x double riveted

Beams 7 1/2 x 3 1/2 x 42 on every frame Knees 2 1/2 x 42  
Carlings 17 x 3 x 42 B.A.

upper 2nd plating 44 for 1 1/2 to 34, 36 inside Bridge x as per profile  
to be steel of iron thickness where exposed purpose =  
44 + 10% = 48.4  
48.4

Butts overlapped x double to single riveted

Beams 7 1/2 x 3 1/2 x 42 B.A. or 8 x 3 1/2 x 40 on every frame Knees 22 x 42  
Carlings 6 1/2 x 3 x 40 B.A. where under 1 1/2 B.A.

2nd 2nd plating 36 for 1 1/2 to 30 x as per profile  
Butts overlapped x double to single riveted

Beams 8 1/2 x 3 x 42 B.A. on every frame Knees 25 x 46  
Carlings 7 1/2 x 3 x 42 44 where under 1 1/2 B.A.

Beams in Deep Tank 7 1/2 x 3 x 42 B.A. 3 row (see displacement plan)

Line of Girders

Tank C<sup>1</sup> Shale 4 1/2 x 52 to 42, 56 in B space  
Top Plating 40 for 1 1/2 to 36, 50 in B space  
56 in B space iron + 8 per spec iron  
Butts of C<sup>1</sup> Shale overlapped x double to double riv  
Tank Top plating double to single riveted

Ceiling under Hatches 2 1/2 thick  
laid on bottom carried 1.0  
beyond Hatched

Tank dropped 3 at side

21.6 1/2 B  
9 flange 5.0  
2 1/2 flange x 3 flange  
3.5  
23.3 1/2 B

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Bridge Shingle 5 1/2 x 56  
Shingle angle 5 x 5 x 60  
Butts overlapped x Treble riveted

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Prop 2nd Beams 8 1/2 x 3 1/2 x 46 B.A. on all frames 2 row. Knees 23 x 46 where under 1 1/2 B.A.

Side plating 38, Shingle plate 35 x 36, Shingle angle 3 1/2 x 3 1/2 x 36  
DK plating 24 Wood dk 5 x 3 pickel pine

FCL dk Beams 10 1/2 x 3 1/2 x 56 B.A. on all frames 1 row. Knees 26 x 56 where under 1 1/2 B.A.

Side plating 42, Shingle plate 35 x 36, Shingle angle 3 1/2 x 3 1/2 x 36, DK plating 3 per spec, 1/2 Wood under windows

Bridge Shingle 70 x 72 broad

Shingle angle frame

Shingle angle frame

Shingle angle frame

Shingle angle frame

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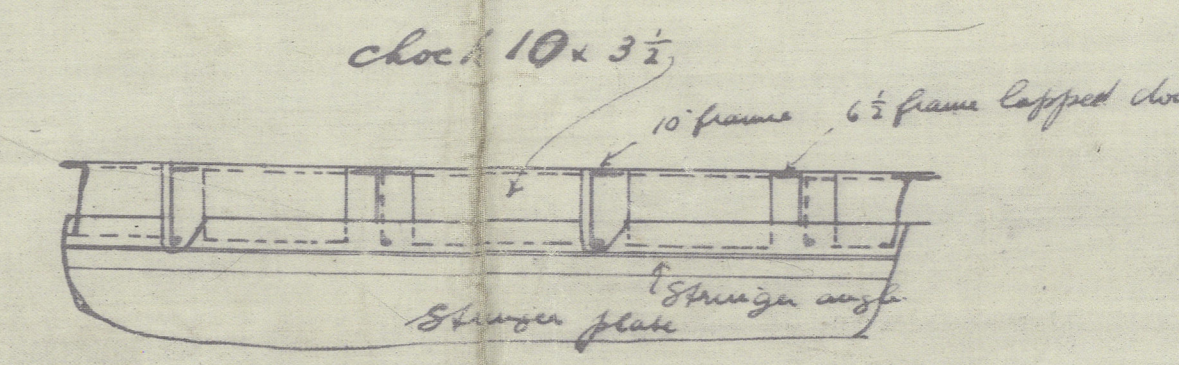
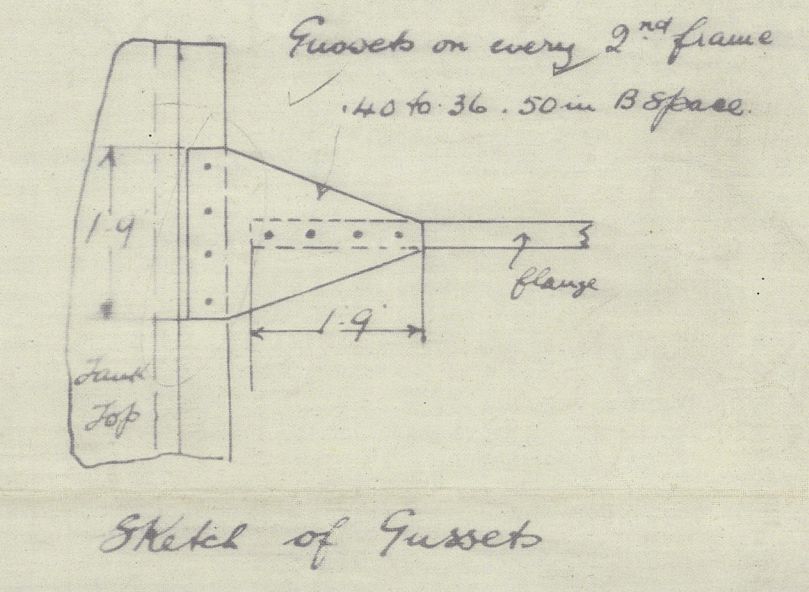
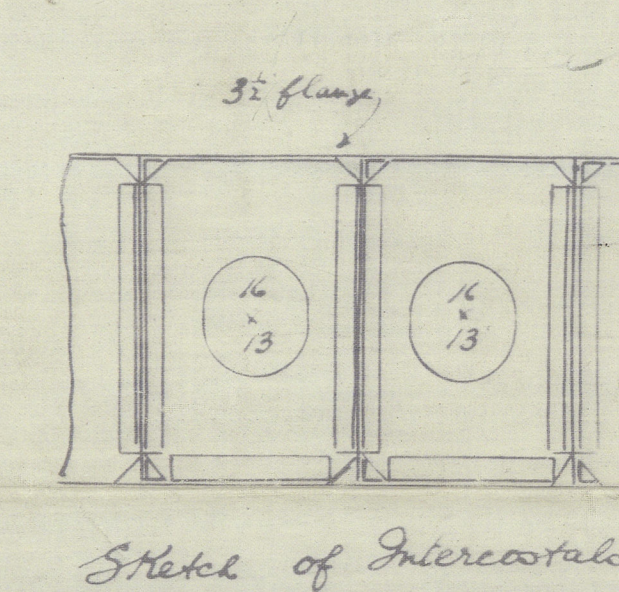
Shingle angle frame

Shingle angle frame

Shingle angle frame

Equipment	Stock less	Call wt 182 cwt
3 Bowers	on stock	17 1/2 cwt
1 Ridge		7 1/2 cwt
270 fathoms	2 1/2 Steel chain Cable	682-1-11
90	4 1/4 Steel Wire Stream	
100	5 Steel Wire Towline x 20 fathoms 14 Manila Springs per space	
2 Hawsers	90 fathoms 2 1/4 Steel wire with over's consent to steel wire.	
2 Warps	40	2 1/2

Riveting  
Butts of Bridge Shingles overlapped x Quadruple Riveted  
upper 2nd Shingles x Quadruple to Quadruple  
to Side riveted Treble in way of Bridge  
Butts of 1 Shale overlapped x Quadruple Treble Riveted  
Butts of A, B, C, D overlapped x Treble Riveted where not exceeding 60  
Butts of E, F overlapped x Quadruple to Treble Riveted  
Butts of G, H, J overlapped x Treble Riveted  
Butts of Boss plates Quadruple riveted

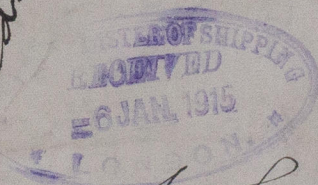
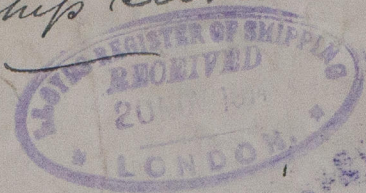


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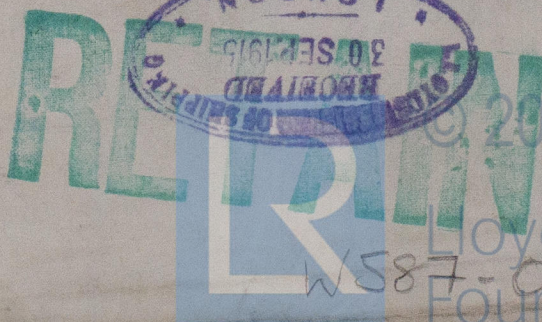
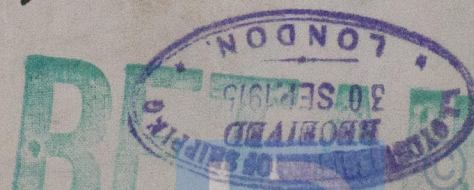
Napier & Muller  
No 200

Midship Reckon

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See Midship Section  
of Terlegraf  
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