

No. 18. S.S. "Fortunatus" amended Section as built Cargo Steamer Midship Section

M.M.
30/10/01

Principal Dimensions

Length overall	258'-0"
Length between perfs	245'-0"
Breadth extreme	47'-6"
Depth moulded	25'-6"
Depth of hold	22'-11 1/2"

Scale 1/2" = 1 Foot.

Lloyd's Tonnage

1/2 Breadth	23'-6 1/2"	$23'-6 1/2" \times 343.16 = 8115.6$
Depth	26'-4 1/2"	$\frac{33.85}{8} \times \frac{303.16}{343.16} = 366.4$
1/2 Tonnage	45'-5 1/2"	Equipment Removal: 365.20
	90'-6 1/2"	
1st Runners	4'-0 1/2"	
Length	87'-6 1/2"	
2nd Runners	30'-15 1/4"	
1st	$\frac{243.16}{26.46} = 12.94$	Upper Deck
2nd	$\frac{343.16}{18.5} = 18.53$	Main Deck

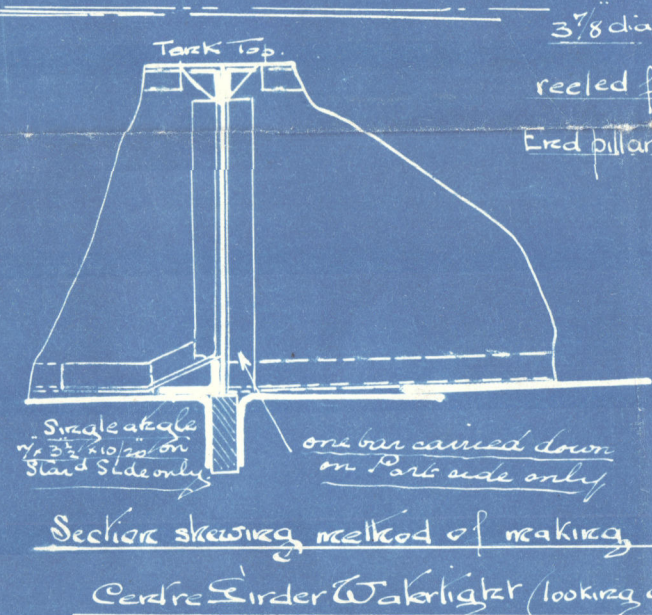
Equipment

2 Runners 40 cwt each in stock
1 Bowser 34 cwt in stock
1 Steam 12 cwt in stock
1 Hedge 60 cwt in stock
270 fms. 2 1/2" Steel Chain Cable
90 fms. 1/2" Steel Wire
120 fms. 1/2" Steel Wire Line
90 fms. 7" Ropes 2 off
90 fms. 7" Ropes 2 off

Class 100 A 1 Lloyd's 3 Deck Rule.

Special Survey.

Transverse Bulkheads
Plating, lower half 7/16", upper half 5/16" frame angles 5 1/2" x 3 1/2" for 7/16" to 7/16", double angles to deck and double bottom. 4 x 3 1/2" double vertical stiffeners main to upper deck. 5 1/2" x 3 1/2" angles spaced 30" apart. Vertical stiffeners below main deck 5 1/2" x 3 1/2" angles spaced 30" apart and bracketed to inner bottom. Horizontal stiffeners and vertical webs as per profile.



Reckoning - 10 x 3
Steel frame - 11 x 6 1/2
Reckoning head of steel (Reckoning) frame
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Upper Deck Beams Midship Length 44'-9"

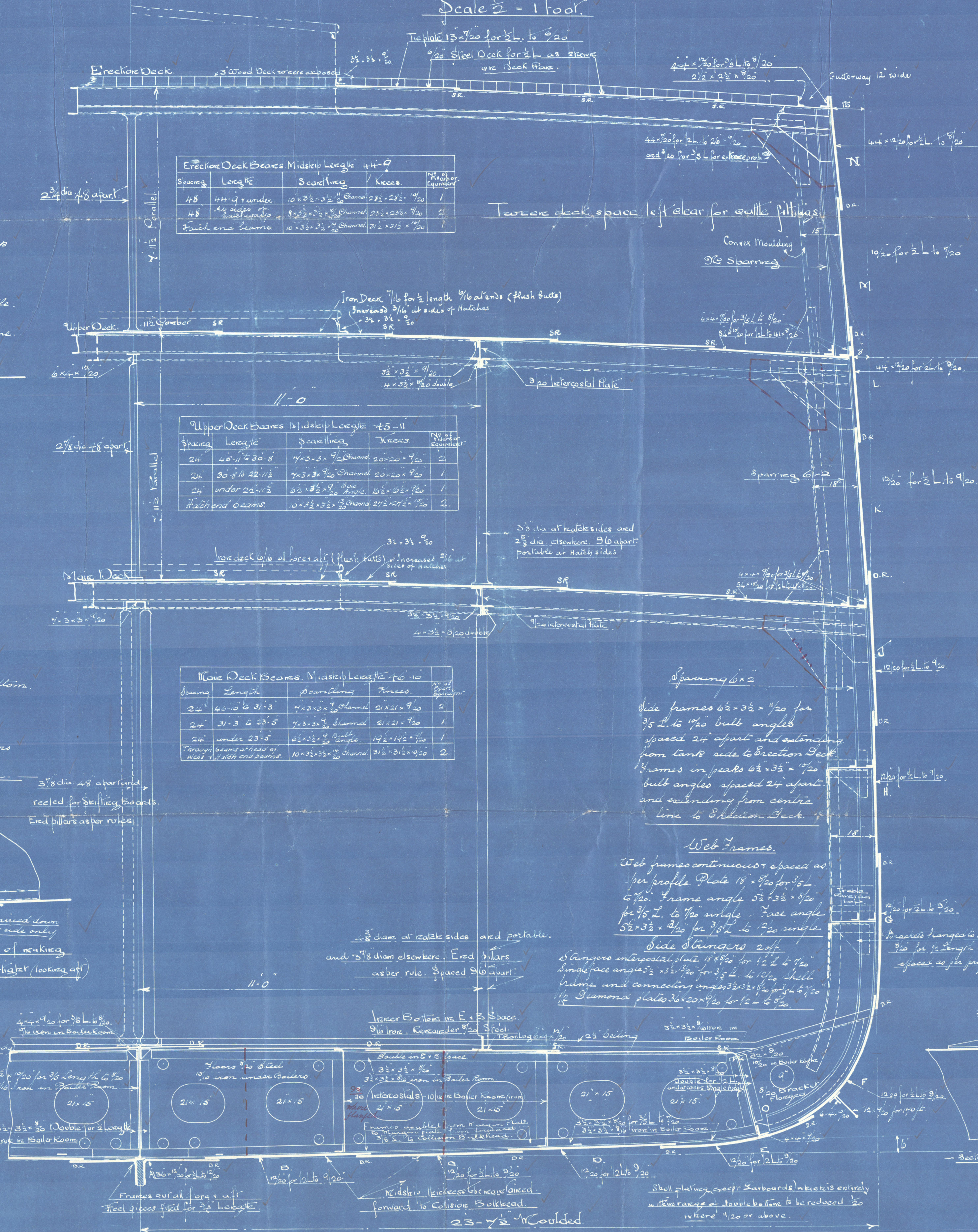
Spanning	Length	Beam Lines	Recess	No. of Beams
48	44'-9"	10 x 2 1/2" x 3/4" Channel	2 1/2" x 2 1/2" x 7/16"	2
48	44'-9"	10 x 2 1/2" x 3/4" Channel	2 1/2" x 2 1/2" x 7/16"	2
48	44'-9"	10 x 2 1/2" x 3/4" Channel	2 1/2" x 2 1/2" x 7/16"	2

Upper Deck Beams Midship Length 45'-11"

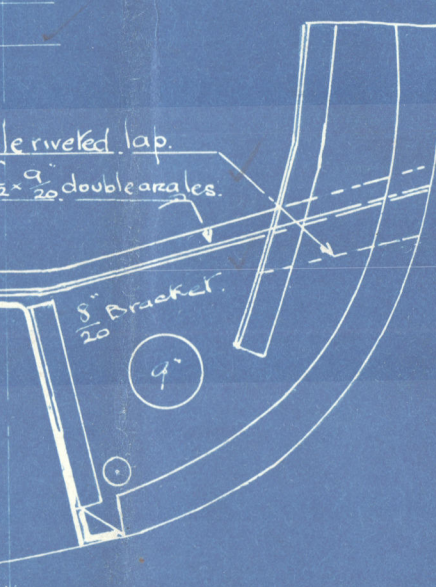
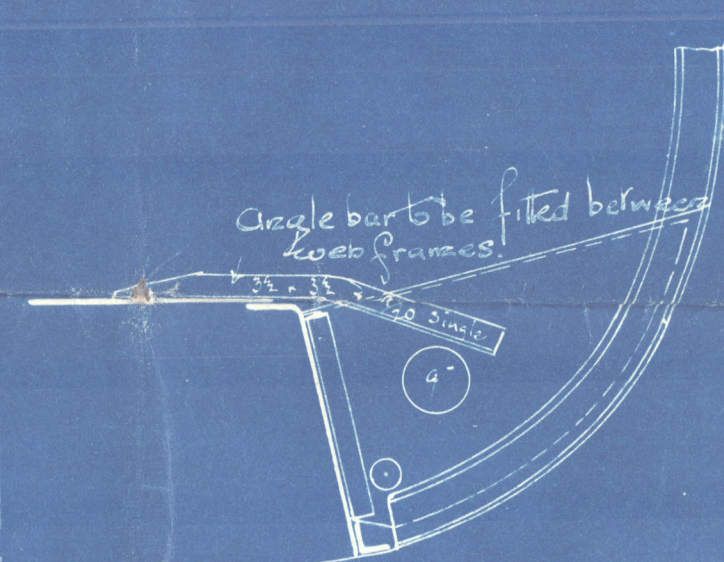
Spanning	Length	Beam Lines	Recess	No. of Beams
24	45'-11"	10 x 2 1/2" x 3/4" Channel	2 1/2" x 2 1/2" x 7/16"	2
24	45'-11"	10 x 2 1/2" x 3/4" Channel	2 1/2" x 2 1/2" x 7/16"	2
24	45'-11"	10 x 2 1/2" x 3/4" Channel	2 1/2" x 2 1/2" x 7/16"	2

Main Deck Beams Midship Length 45'-10"

Spanning	Length	Beam Lines	Recess	No. of Beams
24	45'-10"	10 x 2 1/2" x 3/4" Channel	2 1/2" x 2 1/2" x 7/16"	2
24	45'-10"	10 x 2 1/2" x 3/4" Channel	2 1/2" x 2 1/2" x 7/16"	2
24	45'-10"	10 x 2 1/2" x 3/4" Channel	2 1/2" x 2 1/2" x 7/16"	2



Plating
all built and seams to be lapped except built of lower Main Deck stringers, and Deck Plating which are strapped.
Upper Deck stringer built strapped and triple riveted all fore and aft straps 7/16" thicker for 7/16", 7/16" thicker for 3/4", 7/16" thicker at ends. Main deck stringer built strapped and triple riveted all fore and aft with straps as per rule. Upper deck built to be strapped double riveted for 1/2" to single at ends. Main deck built to be strapped and double riveted for 1/2" to single at ends. Built of Section deck stringer to be lapped & quadruple riveted for 1/2" to triple at ends. Built of Section deck the plates lapped and double riveted. R. Strake built to be lapped & quadruple riveted for 1/2" to triple at ends. W. Strake built to be lapped & quadruple riveted for 1/2" to triple at ends. Remainder of shell built to be lapped & triple riveted all fore & aft. Margin plate built lapped & double riveted all fore & aft. Margin plate built lapped & double riveted. Centre Sinker built lapped & triple riveted. Built & seams of transverse water-tight built heads to be lapped and single riveted. Section deck plating built double riveted and seams single riveted.



Augustine Whitworth & Co
Nº 418. S.S. "Fortunatus"
Amended Section as built

Nº. 42570.



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Lloyd's Register
Foundation

W902-0142