

"*Iron S. S. Schiller*" Comparison of scantlings on being lengthened 40 feet
 Proportions above 8 B 430 Lengthened dimensions 25 ft x 32 x 18.1 + 1.8 = 20.2 to keel

22.04		18 1/2%	90 A		18 1/2%	90 A
16.						
20.14						
7.78.20 x 264						
No 2-18.209 - 4 1/2 x 3						
Stem and Keel			9 x 2 1/2			
Sternpost			8 1/2 x 5			
Frames		10 1/2 x 4 1/2	4 1/2 x 3 x 7 1/2			
Placed		23	24			
sub frames for masts						
Keel plating		3 x 3 x 4 1/2	3 x 3 x 6 1/2			
Floors		20 x 9 1/2	19 1/2 x 8			
Beams. Upper deck		8 x 8	8 x 8 1/2			
Angles on Top		3 x 3 x 6 1/2	3 x 3 x 7 1/2			
Middle deck						
Lower deck		8 x 8 1/2	8 x 8 1/2			
Angles on Top		3 x 3 x 4 1/2	3 x 3 x 5 1/2			
Forecastle deck						
Poop deck						
Pillars. Upper deck						
Lower deck						
Hold						
Keelsons. Middleline Plate		13 1/2 x 1 1/2	16 x 1 1/2			
Angle		5 x 4 x 8 1/2	5 x 4 x 9			
Rider			9 x 1 1/2			
Side angles		5 x 4 x 7 1/2	5 x 4 x 9			
Plate			18			
Bilge (lower turn)		5 x 4 x 7 1/2	5 x 4 x 9 1/2			
Bulb			8 x 8 1/2			
(upper do.)		5 x 4 x 7 1/2	5 x 4 x 9 1/2			
Stringers. Upper deck		33 x 1 1/2	44 x 1 1/2			
Angles		5 x 4 x 8 1/2	5 x 4 x 9 1/2			
Middle deck						
Lower deck		28 x 9 1/2	28 1/2 x 9 1/2			
Angle		5 x 4 x 8 1/2	4 x 4 x 7 1/2			
Forecastle deck						
Poop deck						

Rec 577/72

Ties. Upper deck	12 x 9 1/2	12 1/2 x 9 1/2
Middle deck		
Lower deck	12 x 9 1/2	12 1/2 x 9 1/2
Forecastle and Poop		
Shellplating. Garboard	30 x 1 1/2	36 x 1 1/2
Bottom		
Bilge		
Sides	9.5	
Main sheer		
Topsides		
Upper sheer	30 x 12	36 x 14
Forecastle & Poop Sides		
Bulwarks.		
Bulkheads.		
Double bottom		
Deck flats. Upper deck	3 1/2	
Middle deck		
Lower deck		
Forecastle deck		
Poop deck		
Ceiling. Flat of bottom	2 1/2	
Bilge		
Sides		

P. B. The butt shape of their
 shate and Gunwale shate will
 require to be all rivetted and 1/16
 for 1/2 M. length and 1/16
 round bulge for their shate



Comparison of Scantling.

No. _____ S.S.

Deptford Yard,
Sunderland.

"
Ann D. Schiller
lengthened to 6 feet
"



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Foundation