

Dimensions by Lloyd's 328.25 x 41.50 x 24.86 to upper deck

Half beam	30.75
Half girth	44.50
Depth	24.86
	93.11
	7.00
	86.11 = 1 <sup>st</sup> Numeral
	328.25
	43055
	17222
	68888
	17222
	25883
	282656075 = 2 <sup>nd</sup> Numeral
93.11 x 328.25	30563.26
Add .48 of 1/4"	1833.80
	32397.06 = Equipment Numeral

Proportions  
Beams to 4.91  
Depth to upper deck 11.48  
Depth to main deck 16.46

# Midship Section Steel Screw Steamer No 595

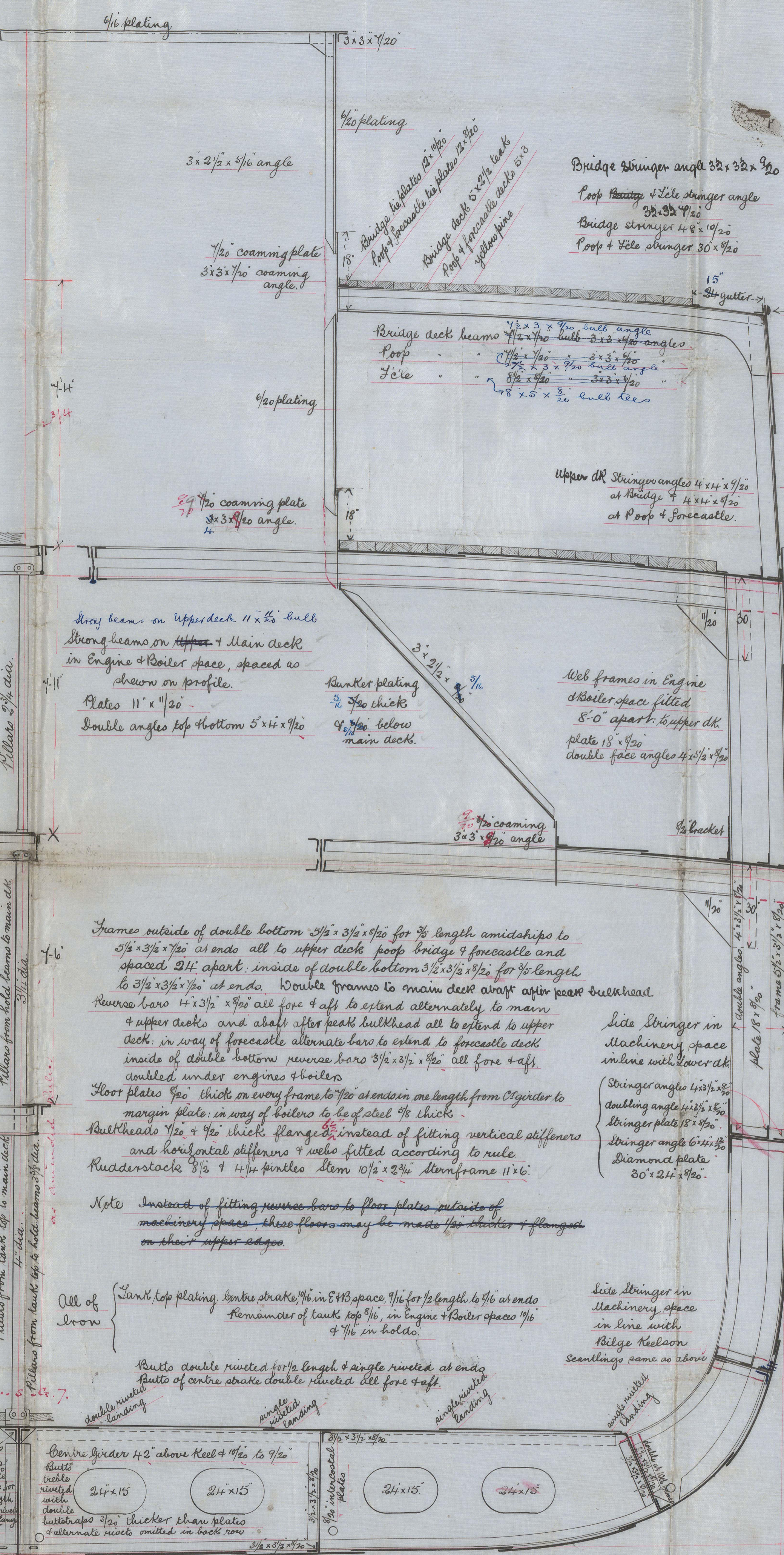
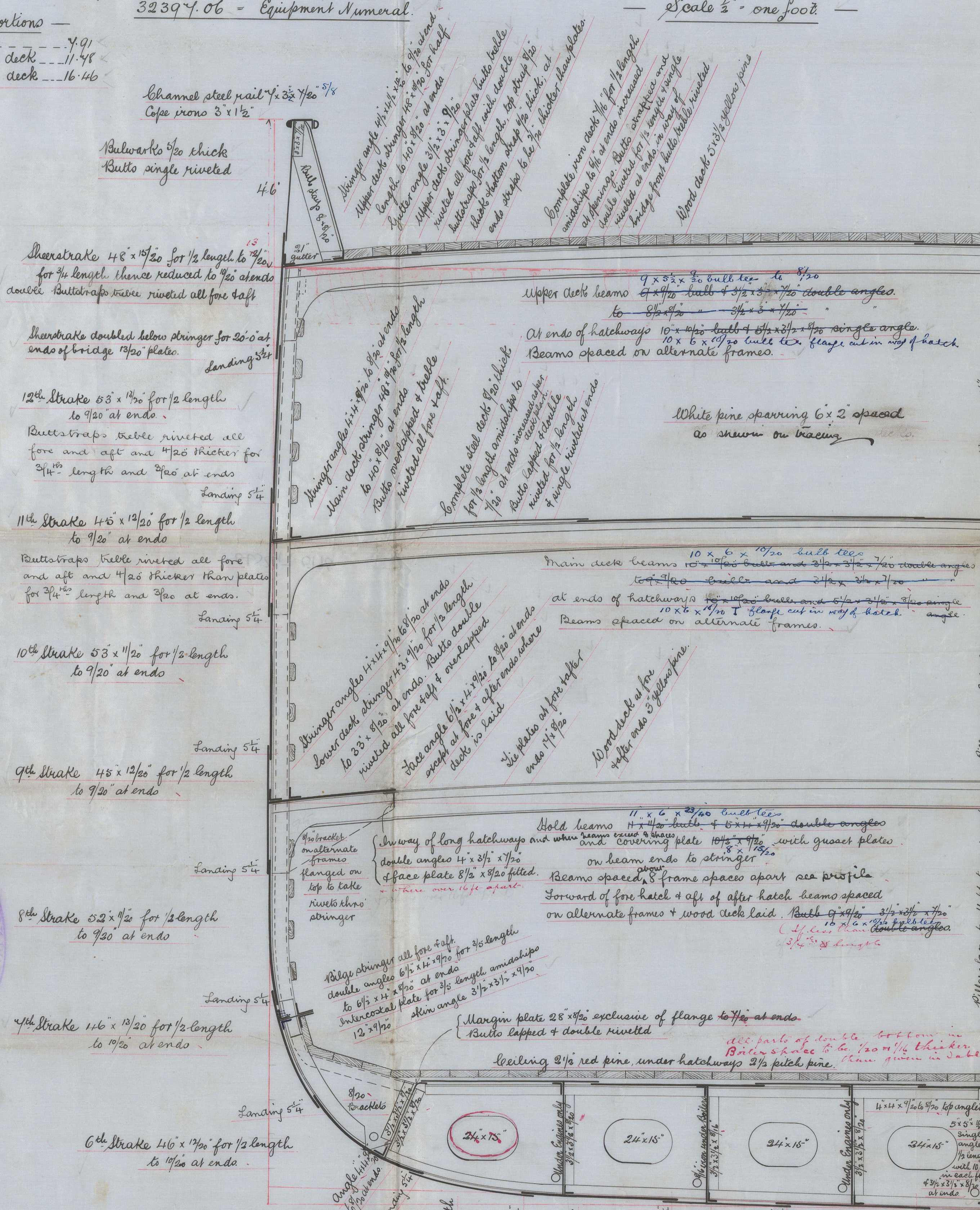
to class 10071 at Lloyd's three deck rule

Moulded dimensions 330'0" x 41'6" x 24'0"

Scale 1/2" = one foot

Equipment Numeral 32397

- 2 Bower Anchors 36" cutts end of stock (Rogers' original patent)
- 1 Bower anchor 31" cutts end of stock (Rogers' original patent)
- 1 Stream Anchor 11 1/2" cutts end of stock
- 1 Hedge Anchor 5 1/2" cutts end of stock
- 370 fathoms 1 1/4" stud chain cable
- 90 " 1 1/4" stream
- 100 " 1 1/2" hemp towline
- 90 " 3/4" steel wire hawser
- 90 " 2 1/4" warp



## Riveting

All shell Butts except sheerstrake and two strakes below to be overlapped and butte riveted all fore and aft with three complete rows of rivets.  
Poop, Bridge, and Forecastle side plating, butte double riveted with straps same thickness as plates.  
Upper deck stringer butte triple riveted all fore and aft with double butte straps for 1/2 length, top strap 2" and bottom strap 1 1/2" thick; at ends straps 1 1/2" thicker than plates.  
Main deck stringer butte overlapped and triple riveted all fore and aft.  
Lower deck stringer overlapped and double riveted all fore and aft. Upper deck butte straps double riveted for 1/2 length and single riveted at ends, and butte in way of bridge front butte riveted. Main deck overlapped and double riveted for 1/2 length and single riveted at ends. Bower girder triple riveted with double straps with 2" thicker than plates.  
Margin plate butte lapped and double riveted.  
Tank top 1" stroke double riveted all fore and aft. Remainder of tank top double riveted for 1/2 length and single riveted at ends.

All plates on stern frame of midship thickness  
Base plates 3/4" thicker than midship double strapped  
All the plates above & below the same.

5th Strake 14 1/2" x 1/2" for 1/2 length to 10/20 at ends

4th Strake 16 1/2" x 1/2" for 1/2 length to 10/20 at ends

3rd Strake 18 1/2" x 1/2" for 1/2 length to 10/20 at ends

2nd Strake 20 1/2" x 1/2" for 1/2 length to 10/20 at ends

Garboard Strake 22 1/2" x 1/2" for 1/2 length to 10/20 at ends

Keel slabs 10 1/2" x 1 1/2"

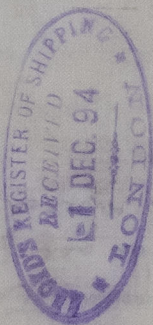
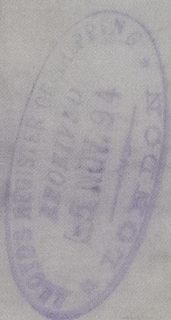
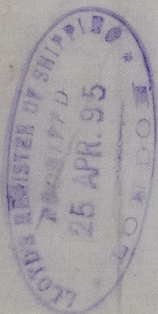
Note Intercoastal may be made 1/4" thicker & flanged

18" x 18" manhole in every 3rd space all fore & aft.

Scantling in blue are as in ship.

J. L.  
4/9/94  
5788

S. S. "Bengloe" Glasgow Report No. 13688



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