

Dr. A. S. Ham:

24/1/83

Midship section of a Screw Steamer No 346.

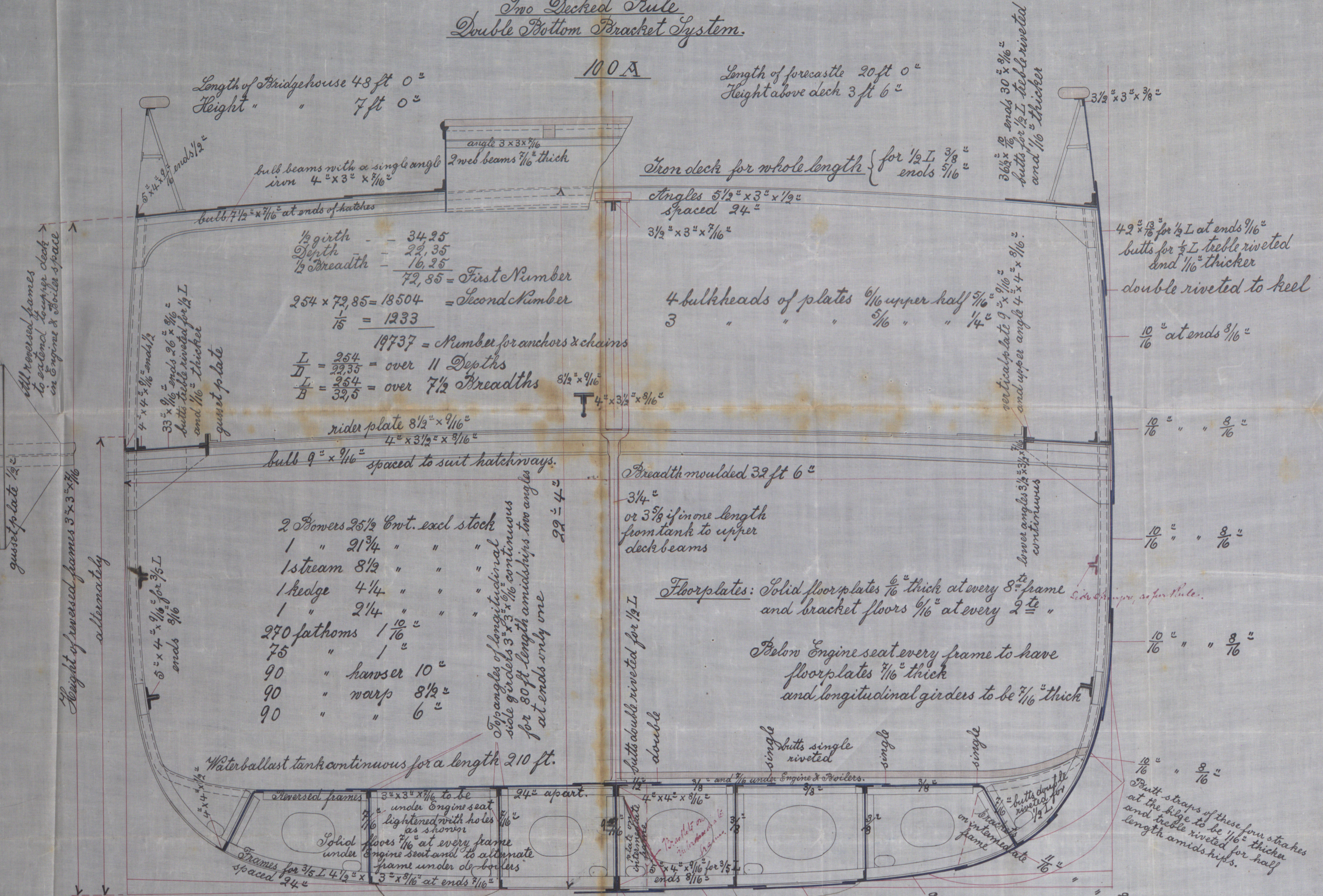
Length between Perpendiculars 254' 0"
 Breadth moulded 32' 5"
 Depth as per rule from upper part of keel to top of upper deck beam 22' 35"

Two Decked Rule Double Bottom Bracket System.

100A

Length of forecastle 20 ft 0"
 Height above deck 3 ft 6"

Length of Bridgehouse 48 ft 0"
 Height " 7 ft 0"



1/2 girth - 34' 25"
 Depth - 22' 35"
 1/2 Breadth - 16' 25"
 72, 85 = First Number

254 x 72, 85 = 18504 = Second Number
 1/8 = 1233

19737 = Number for anchors & chains

I = 254 / 22.35 = over 11 Depths
 I = 254 / 32.5 = over 7 1/2 Breadths

19737 = Number for anchors & chains

bulb 9" x 9/16" spaced to suit hatchways.

2 Powers 25 1/2 Cwt. excl stock

1 " 21 3/4 " " " "

1 stream 8 1/2 " " " " "

1 keelge 4 1/4 " " " " "

1 " 2 1/4 " " " " "

270 fathoms 1 1/6 "

75 " 1 "

90 " hawser 10 "

90 " warp 8 1/2 "

90 " " 6 "

Waterballast tank continuous for a length 210 ft.

Iron deck for whole length { for 1/2 L 3/8" ends 5/16"

Angles 5 1/2" x 3" x 1/2" spaced 24"

3 1/2" x 3" x 7/16"

4 bulkheads of plates 1/16 upper half 5/16" 1/4" 3/16" 1/4"

Breadth moulded 32 ft 6"

3 1/4" or 3 5/8" if in one length from tank to upper deck beams

Floor plates: Solid floor plates 1/6" thick at every 8" frame and bracket floors 1/16" at every 2 1/2 "

Below Engine seat every frame to have floor plates 7/16" thick and longitudinal girders to be 7/16" thick

Scale: 1/2" = One foot.

Stem post 8 1/2" x 5"
 Stem 8 1/2" x 2 1/2"
 Rudder 6 1/2" at heel 3 1/2"

18M 24/1/83

