

Nº 328.
MIDSHIP SECTION

SCALE: $\frac{1}{2}$ " = 1 FOOT

1 st Longitudinal N°	L x D	460-0" = 33.25	= 15295.00
2 nd " "	L x (B+D)	460-0 x (61+0+33.25)	= 43355.00
1/2 to Upper Deck	=	460-0 ÷ 33.25	= 13.83
		D	= 33.25

2 nd Long st N° L x (B x D)	=	43355.00
Poop 105.33 x 7.5 x 3/4		592.50
Bridge 43.16 x 7.5 x 3/4		242.70
Forecastle 38.5 x 7.5 x 3/4		216.57
House on Poop Deck 82.5 x 7.5 x 2		309
House " Bridge " 120 x 7.5 x 2		450
Equipment N°		45165.77

"Longitudinal Framing at Bottom and at Deck."

2 Bower Anchors 73 1/4 Cwts Each Stockless.
1 Stream " 22 " Ex Stock
20 Fathoms 2 1/2 Stud Chain Cable (Tayed)
120 " 5 Flexible Steel Wire 6x12
130 " 5 1/4 Special Flexible Steel Wire 6x24
2 Hawseers 100 Fathoms 2 1/4 Steel Wire 6x12
2 Warps 100 " 2 1/4 " " 6x12

	Shear at Cr. of Tank	Plating	Stiffn.
Long ¹ Bhd No ¹ After Tank	1'-1"	+ .01"	—
No ² to 6 "	as on Plan		
" " 7 "	1'-2 ⁷ / ₈ "	+ .01"	
" " 8 "	2'-9"	+ .01"	
" " 9 "	4'-2"	+ .02"	

Stiffeners 10 x 3 1/2 x .42 BA
Spaced 31" apart

Frames 10" x 3 1/2" x .40 BA -
Spaced 31" apart

Detail of Brackets between Trans^s & Trans & Bulkhead

Diagram of a 42" Girder with 3/4" Rings and 3 1/2 x 3 1/2 x 7/8" Angles. The diagram shows a cross-section of a girder with a 42" height. The girder is supported by a base. The top flange is labeled "42" Girder". The web is labeled "40" and "40". The bottom flange is labeled "Single 3 1/2 x 3 1/2 x 7/8". The side flange is labeled "Single 3 1/2 x 3 1/2 x 7/8". The rings are labeled "3/4" RINGS".

Stiffeners & Side Frames spaced 31" apart
Bottom Longitudinals spaced 36" apart
Transverses spaced 10'-4" apart

Q.T. Bulld.
6" $3\frac{1}{2}$ " \times $3\frac{3}{8}$ " OA
at each Frame
 .40" Bkt Midway between
struts & struts & Bhd

Single 3 1/2" x 3/16" x 1/16" $\frac{7}{8}$ " dia Ribs spaced 5 1/2" d
apart Cvs. Both Flanges

Centre Girder Plates fitted
Intercostally between
Transverses

Midships Section

As Built.

Furness S. B. Co's Yard No. 328.

S.S. "Empirefrica"

RDB. RPT. NO. 14054/5.

W34-0032



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