

# Iron Barque "Carmelo" Report No 11438.

Builders informed me that  
Length of raised Quarter Deck would be 38 ft 6 in

## MIDSHIP SECTION FOR N° 114

Dimensions  
Length (between posts) 171.6  
Breadth 30.9  
Depth of Hold 18.5

Rev 15/12/75

Under 6 Breadths & 9 Depths

Should the raised Quarter Deck exceed one-fourth the length of the vessel in length. It be strengthened as per Section 45.

Shore have built strips to extend to top of main shaft

Sheer Strake  
33 x 1/2 for 1/2 length  
7/8 at ends

9/16 and 7/8 at ends

Double Riveted  
Plating from Sheer to  
Garboard Strake  
7/8 for 1/2 length  
7/8 at ends

Double R

Double R

Double R

Double riveted  
from here to keel

Stringer plate  
34 x 7/8 for 1/2 length 23 x 7/8 at ends  
The midship beam to be maintained to front of B.D. and shifted per section 45.

Lloyds Numbers  
1/2 Girth 30.8  
1/2 Breadth 15.33  
Depth 20.33

168.8 x 66.46 = 11218 Second IV

Shore diagonal tie plates 10 x 8/16 ahead the fore and  
Main Mast where the Mast are sledged.

Angles 3 x 3 x 7/8  
Bulbs 7 x 7/8  
Spaced on alternate frames

To Class 100 A at Lloyds

Frames 4 x 3 x 7/8 for 1/2 length 4 x 3 x 7/8 at ends Spaced 22 in  
Reverse Bars 3 x 3 x 7/8 to Lower & Main Dk alternately, and  
Floors 20 x 7/8 for 1/2 length 7/8 at ends

Keel 7 x 2 1/2 Stem & Stern posts 7 x 2 1/4

Bulkhead 7/8  
Rudder 4 1/2 x 2 1/4 Hub.

All Keelson Angles 4 1/2 x 3 x 7/8 all fore and aft

At the Butt, strips of Sheerstrake, Main Deck, Stringer plates & 2 Strakes  
at Bilge to be 1/2 thicker than the plates they connect & riveted  
Riveted for 1/2 length

4 1/2 x 3 x 7/8 fore and aft  
Wash plate 7/8

Rider plate  
12 x 7/8 for 1/2 length  
7/8 at ends  
4 1/2 x 3 x 7/8 fore and aft

32 x 7/8 for 1/2 length  
7/8 at ends

Three Panking beams to be fitted forward abut  
the Collision Bulkhead and three aft under Cabin  
sole. connected to sides by knee Strips, plates and  
angle bars, and supported by stanchions to the satisfaction of the Surveyor.

Lloyd's Register  
Foundation

IRON 516 0013