

ST. EUSTATIUS

— M.S. "KARIBIA." —

— T.S.M.S. No. 1 B MIDSHIP SECTION —

CLASS BUREAU VERITAS 1 DIV 1-1/3 G & A & CP

LN = 140.0 + 24.92 + 12.5 + 0.85 = 44506 [42500-47500]

TN = 24.92 + 12.5 = 42.42

EN = 32360 + 3300 + 540 = 58200 [51500-60000] HAWSEYERS

EN = 58200 + 93 = 38800 [31500-45000] ANCHORS ETC.

LN $\left(\frac{L}{12.5}\right)^3 = 44506 \cdot 0.813 = 36483 [33250-37750]$ SHEERSTRAKE ETC.

L = 140 + 140/12.5 = 131 DECKPLATING ETC.

— MATERIAL — STEEL —

Framespacing as per Rule 23"
— as proposed 24"
— increased by 4%
Shellplates as per Rule 450
Increased 1/2% 1/2% 1/2% 1/2%
Proposed Shellplates 450

— SCALE — 1/2" = 1 FOOT —

DIMENSIONS.

LENGTH AS PER RULE 140' 0"

BREADTH-MOULDED 29' 11"

DEPTH MOULDED 12' 6"

HEIGHT OF ERECTION 6' 9"

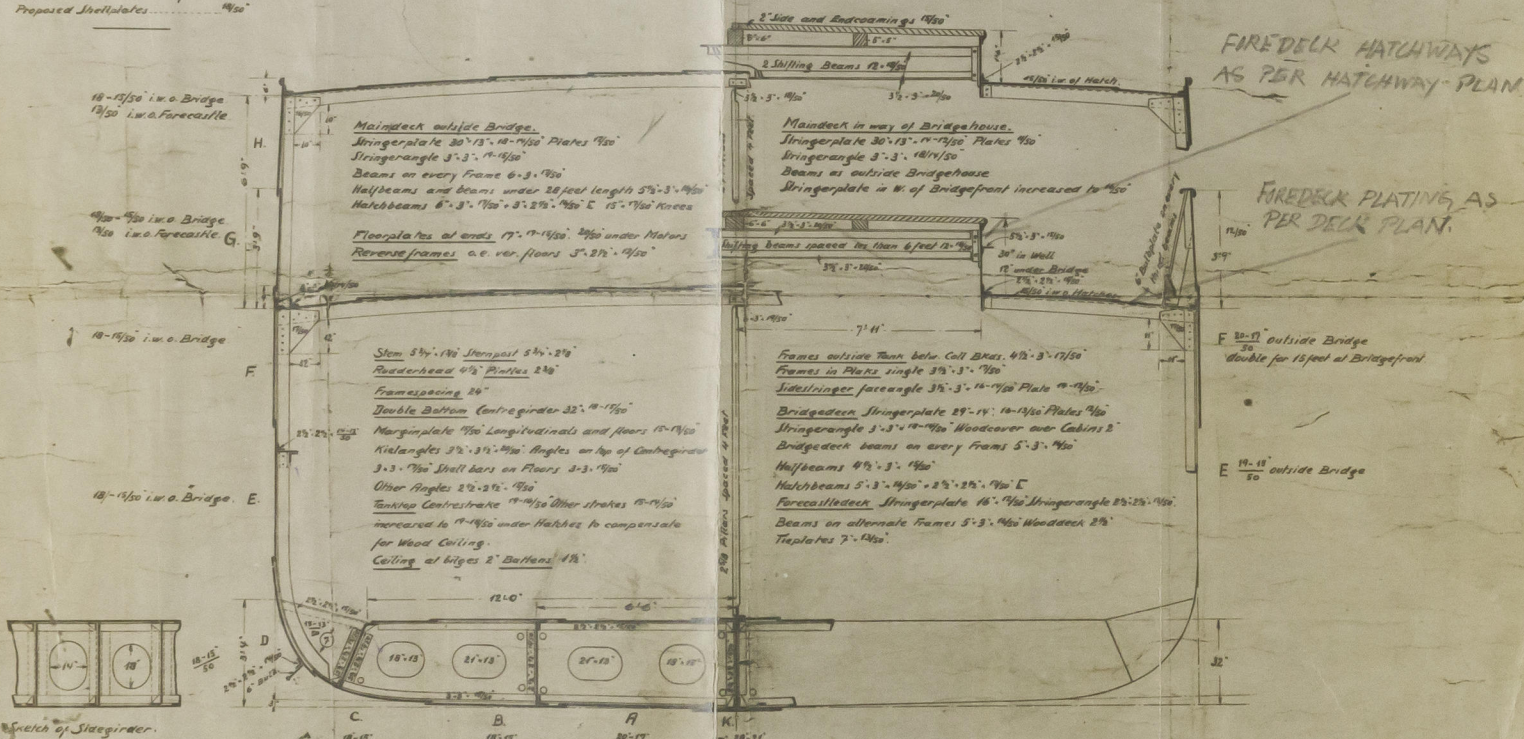
TYPE LONG BRIDGE & FORECASTLE

$$\text{ART 32} \left\{ \begin{aligned} \left(\frac{L}{12} \cdot D\right)^3 &= \left[\frac{140}{12} (12.5 + 6.75)\right]^3 + 0.0015 \cdot \text{LN} \cdot 0.0015 \cdot 66 \\ \frac{L}{12} \cdot D &= \frac{140}{12} (12.5 + 6.75) = 0.61 \quad L = 140 + 0.61 \cdot 85 \end{aligned} \right.$$

Transverse W.T. Bulkheads Plates 1/2" Vert. Stiffeners 4" x 3" 1/2" spaced 36" Bulkheads single 3/4" x 3/4" 1/2" Deckangle 2 1/2" x 2 1/2" 1/2" Knees on vert. Stiffeners 12" 1/2" to Tanktop 8" 1/2" 1/2" deck Collision Bulkhead in addition horizontal Stiffeners 4" x 3" 1/2" With Knees to Outside plating as per longitudinal Section No. Liners as Bulkheads at ends.

Front Bulkheads of Bridgehouse Plates 1/2" Coaming 1/2" Stiffeners vert. 6" x 3" 1/2" spaced 30" 12" 1/2" Knees at heads and foot 1/2" Bulkheads in Bridgehouse Forecastle Plates 1/2" Coaming 1/2" vertical Stiffeners 3" x 2 1/2" 1/2" spaced 30"

Freeing port area in Wall 1 1/2' to 3 feet Length of bulwark in each side.



Sketch of Stairs.

Rivetting 2" Rivets overall except keelplate, which is to have W Rivets

Seams Single riv overall except keelplate, which is to be double.

Butts double riv overall except keelplate which is to be triple for L and ends of Tanktop and Deckplating which are to be single.

Spacing - Overlap and Straps as per Rule.

— Equipment —

2 Bowers Shackle each 1 1/2" x 7" x 3" 1/2"
1 Stream 2" x 1 1/2" x 3" 1/2" 1/2" 1/2" 1/2" 1/2"
100 fath 1/2" steel line chain
75 fath 2 1/2" steel Hawser
75 --- 2 1/2" ---
75 --- 6" Hamp.

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St Eustaceus

1575. birthplace of St Eustace

Middlesex section 1575



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