

- Feb. 1889. -

Scale  $\frac{1}{2}$  Inch = 1 Foot.

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3" White pine

Deck  $6 \times 4$

Lie. plate  $12 \times \frac{1}{20}$  to  $\frac{1}{20}$

Angle Bull Beam  $8 \times \frac{1}{2}$  on alternate Frames.

Margin plank Greenheart  $8 \times 4$

Stringer  $2 \times \frac{1}{20}$  for  $\frac{1}{2} L$  to  $2 \times \frac{1}{20}$  at ends

Hollow Moulding  $3 \times 1 \frac{1}{2} \times \frac{5}{8}$

Channel Iron  $9 \times 3 \times \frac{1}{16}$

Bulwark Steel  $\frac{5}{20}$

Reverse Height

L Sheerstrake  $40 \times \frac{1}{20}$  to  $\frac{1}{20}$

5" H.

White pine  $6 \times 2$

K  $4 \times \frac{1}{20}$  to  $\frac{1}{20}$  at ends

7" 5"

1  $4 \times \frac{1}{20}$  to  $\frac{1}{20}$  at ends

H  $4 \times \frac{1}{20}$  to  $\frac{1}{20}$  at ends

G  $4 \times \frac{1}{20}$  to  $\frac{1}{20}$  at ends

F  $5 \times \frac{1}{20}$  to  $\frac{1}{20}$  at ends

E  $4 \times \frac{1}{20}$  to  $\frac{1}{20}$  at ends

D  $5 \times \frac{1}{20}$  to  $\frac{1}{20}$  at ends

C  $4 \times \frac{1}{20}$  to  $\frac{1}{20}$  at ends

B  $5 \times \frac{1}{20}$  to  $\frac{1}{20}$  at ends

A  $3 \times \frac{1}{20}$  to  $\frac{1}{20}$  at ends

NOTE: Butt Straps of Sheerstrake Main & Stringer plates & 3 S. trakes at the Bilge.  $\frac{1}{20}$  thicker than the plates they connect & treble riveted.

1	Bower	32	Art	ex	Stock
1	"	30	"	"	"
1	"	29 $\frac{1}{4}$	"	"	"
1	Stream	10 $\frac{1}{2}$	"	"	"
1	Kedge	5 $\frac{1}{4}$	"	"	"
1	"	2 $\frac{1}{2}$	"	"	"
270	Fathoms	1 $\frac{13}{16}$	Stud	Chain	Cable
75	"	3 $\frac{3}{4}$	Steel	Wire	
90	"	3 $\frac{1}{2}$	"	Low	Line
90	"	3 $\frac{1}{4}$	"	Hawser	
90	"	6"	Nemp		

- 1/2 Girth 36.25 - - Depths to Length 8.82 -  
- 1/2 Breadth 18.12 - - Breadths ~ ~ 5.89 -  
- Depth 24.20 -

$$78.57 = -1^{st} \eta^0 \text{ Lloyds. } 76 \text{ to } 80 -$$

$$78.57 \times 213.66 = 16787.26 = 2^{nd} \eta^0 \quad " \quad 16600 \text{ to } 18400$$

$$16787.26 + 1119.15 = 17906.41 = \text{Equipment } \eta^0$$

- Frames  $5 \times 3 \times \frac{1}{20}$  for  $\frac{2}{3}$  Length to  $\frac{1}{20}$  at ends Spaced 24" inches.
- Reverse Frames.  $3\frac{1}{2} \times 3 \times \frac{1}{20}$  extending to Gunwale on every frame.
- Bulkheads Upper Half  $\frac{9}{16}$ .
- " Lower "  $\frac{1}{16}$  Stiffeners.  $5 \times 3 \times \frac{1}{16}$  spaced 30" apart.

Keel  $9 \times 2\frac{1}{2}$  - Stem & Sternpost  $8\frac{1}{2} \times 2\frac{1}{2}$  } Rudder Head 6" dia<sup>2</sup>  
Floors  $24" \times \frac{10}{20}$  for  $\frac{1}{2}$  Length to  $\frac{8}{20}$  at ends. } -- Pintles 3" --

NOTE. Butt Straps of Sheerstrake Main & Stringer plates + 3 8, strakes at the Bilge.  $\frac{1}{2}$  20 thicker than the plates they connect & treble riveted. Butts of outside Strakes treble riveted with Straps  $\frac{1}{2}$  20 thicker than plates they connect for  $\frac{1}{2}$  Length.

Section 19 par 15 of the Rule as regards breadth of straps and thickness & double riveting of butt straps to be complied with in addition to the requirements of Circular 552.



£600 of Prof. Dr. Campbell

111 of 1881

18001 2A2D

1881

GRAHAM UNIT

