



No 89.

Class. 100 A1.

103'-6" x 21'-0" x 8'-4" Moulded.

SCALE 1/2" = 1 FOOT.

THU -6 SEP 89

Equipment.

2 Bows. 4 1/2"

1 Stream 1 1/2"

120 fms. 1/2" cable.

45 " 9/16" stream.

75 " 6" hawser.

90 " 4" "

Frames. 2 1/2" x 2 1/2" x 5/16" Spaced 20"  
Reverse Frames 2 1/2" x 2 1/2" x 1/4" Double under engines & boilers.  
Bulkheads 1/4". Floors 1 1/2" x 5/16" 6/16" under engines & boilers.  
Stern and Stern Post. 6" x 1 3/8". Rudder Stock 3" Dia.  
Keelson and Stringer Bars. 3" x 3" x 5/16".

2" Drain. 1/2 girth. 17' 02" 17' 08" 11 to 12 depths.  
1/2 diam 10' 50" 10' 50"  
Depth 8' 49" 8' 79"  
10' 41" 36' 91" x 102' 5" = 3783.

Rider plate 6" x 8" 8/16"  
8" x 8/16"  
2" Ceiling. 5 1/2" x 5/16" for 1/2" length.

Keel 6" x 8" 8/16"  
30" x 5 1/2" x 7/16" 4 1/2"  
6 1/2" x 5/16" 10'  
4 1/2" 10' 6"

28" x 7/16" to 15" x 5/16"  
Tribble butts for 1/2" length.  
20th Rudder

5 1/2" x 3" x 7/16" on alternate frames.

Tribble butts for 1/2" length.  
30" x 7/16" 1/2" to 10' for.  
3/4" length.

Tribble butts for 1/2" length.  
4 1/2" x 1/2" length. 10th Rudder

After Peak

Ballast Tank

Store Room

Crew.

Engines.

Boiler.  
Stokehole

Boiler.  
Stokehole

Bunker.

Cabin

Fore Peak

Ballast Tank



Longitudinal Section.

J. S. J. No 89.

SCALE 1/4 INCH TO A FOOT.

Steel Twin Screw Tug "Arrow"  
Rat No 5201.



Longitude

Longitude

08 50

SCALE 1/4 INCH

W. 11. 11. 11.

More  
wood  
Stakehold

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Lloyd's Register  
Foundation