

WIDZHI

Chatfield
HPL 8300

HPL364 0076

9E00-495711



© 2019

Lloyd's Register
Foundation

S. S. N^o 70.

Dimensions.

Length B. P.	3 1/4	07 ✓
Beam Extreme	40	65 ✓
-- moulded	40	146 ✓
Depth of Hold	21	22 0 ✓
-- moulded	23	88 ✓
Round of Beam		110 ✓

Lloyds Numbers.

Half Beam.	20.2 ✓	
Depth from top of Keel.	24.6 ✓	
Half Girth	39.10 ✓	
	84.6 ✓	Small Number.
Length -	312.3 ✓	
	26385.12 ✓	Large number.
Add	2446.0 ✓	
	29331.12 ✓	Equipment Number.

Poop deck.

Beams $4 \times 3 \times \frac{1}{2} \times 20$ ✓ full angle on alternate frames.
Stringer $26 \times \frac{1}{2} \times 20$ ✗

Forecastle deck.

Beams $5\frac{1}{2} \times 3 \times \frac{1}{2}$ angle on every frame.
Bull " under windlars $8 \times \frac{1}{2}$ angle in $3 \times \frac{1}{2}$ double

- Bridge deck

Beams $5\frac{1}{2} \times 3 \times \frac{1}{2}$ in. angle on every frame. girders at center. Butts double riveted. Double angles $5\frac{1}{2} \times 3 \times \frac{1}{2}$ in. $\frac{1}{2}$ double $\frac{1}{2}$ in. $\frac{1}{2}$ reduced to $\frac{1}{4}$ in way of Forecastle.
Singer $4 \times 6 \times \frac{1}{2}$ in. Butts double riveted. Butts double riveted.
Iron deck $\frac{1}{4}$ in. Butts lapped & double riveted.

Main & Quarter deck

Main & Luerle deck. —
Beam $4\frac{1}{2} \times 3 \times 9\frac{1}{2}$ bulk angle on every frame. Beam knees in way of main fl. $32\frac{1}{2}$ deep bulk ^{not} carried round throat of knee.
• $9\frac{1}{2} \times 9\frac{1}{2}$ bulk on webs with double angle $3\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$
• $9\frac{1}{2} \times 9\frac{1}{2}$ on Hatch ends with single angle $5 \times 4 \times 9\frac{1}{2}$

Lower deck.

Stringer 4-1 x 7/8" for 1/2 Length, reduced to 32 x 7/8" ✓
 --- Butts lapped & double rivetted. ✓
 Bulk beams 10 x 7/8", double angles 3 1/2 x 3/4 x 7/8" ✓
 --- " on Hatch ends 11 x 1 1/2" ¹⁰ Single angle 2 1/4 x 7/8" ✓
 Angle inside Reverse bars & legs to Shell 4 x 7/8" x 7/8" ✓
 Gussell plates 6-0 x 30 x 7/8" ✓
 Beams on web frame 11 x 1 1/2" ✓
 40 bulk and lengths

Forgings
 Stern Post 11" x 5 1/2"
 --- head 11" x 2 3/4"
 Stem 10" x 2 3/4"
 Rudder head 8" x
 --- heel 4" x

Web frames & Stringers.

Web frames 18"x24" for $3\frac{1}{2}''$ Length. $\frac{1}{2}''$ at ends.
double angles on inner edge 3"x3"x $\frac{1}{2}''$ for $3\frac{1}{2}''$ L. $\frac{1}{2}''$ at ends.
Diamond plates 30"x24"x $\frac{1}{2}''$
Stringer plates 18"x $\frac{1}{2}''$ for $3\frac{1}{2}''$ L. angle. $\frac{1}{2}''$ at ends.
Angles & legs 3"x3"x $\frac{1}{2}''$ for $\frac{1}{2}''$ L. $\frac{1}{2}''$ at ends.

Long Hold pillars $4' + 4' \frac{3}{8}$
 " " " " " " $3 \frac{5}{8}$
 Tween deck \wedge " " " " $2 \frac{3}{4}$

Bulbhead

100 lb. head.

Lower half	1 1/2	Upper half	1 1/2
Vertical Stiffeners	2	apart	5' 3 1/2" 1/2
Horizontal	4-0		1/2" x 3" x 1/2" bulk

additionally Stiffened by a web & Sams box beam.

Tunnel

Tunnel plating $\frac{1}{2}$ " thick. ✓
 " Stiffeners $\frac{1}{4}$ " apart $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{1}{4}$ " ✓
 " 3-0 --- in way of Hatchways.
 & plating increased $\frac{1}{2}$ " or wood covered. ✓

Frames and Rev bars

Frames $5 \times 3\frac{1}{2} \times \frac{5}{16}$ for $\frac{1}{8}$ Length red. to $\frac{1}{16}$. Spaced $\frac{1}{4}$ apart.
 Rev. bars $5 \times 3\frac{1}{2} \times \frac{5}{16}$ all fore & aft.
 Frames on deep floors $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{5}{16}$ for $\frac{1}{8}$ amide. red. to $\frac{1}{16}$ at ends.

Double Bottom.

Double Bottom
Centre Keelson plate 58 from bottom of Keel $1\frac{1}{2}$ in for $\frac{1}{2}$ L. to $\frac{1}{2}$ in at ends.
" " Butts lapped and trills rivetted.
" " Angle 4 x 4 $\frac{1}{2}$ in for $\frac{3}{4}$ L. length to $\frac{1}{2}$ in at ends.
Tank Side 26 $\times \frac{1}{2}$ in, Butts double rivetted, angles 3 $\frac{1}{2}$ \times 3 $\frac{1}{2}$ $\times \frac{1}{2}$ in.
Tank top Centre Strake 36 $\times \frac{1}{2}$ in for $\frac{1}{2}$ L. to $\frac{1}{2}$ in at ends.
" " " Butts double rivetted all fore and aft.
" " plating in Engine & Boiler Space $\frac{1}{16}$. Fold $\frac{1}{16}$ in.
" " " Butts double rivetted for $\frac{1}{2}$ L. amid. Single at ends.
Steel floor plates $\frac{1}{2}$ in thick from Centre to Tank Side.

See Secretary's letter
26 July 1890

J. H. L.
3/7/90 877/90