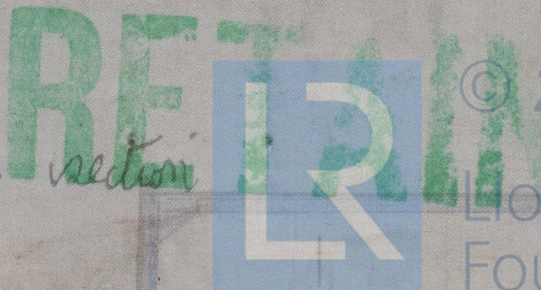




Crawley
22
S. S. "Penrhyn" Glasgow Report No 13905.
1895

Midship section



© 2020

Lloyd's Register
Foundation
W10 81-0331

S.S. ¹⁶ Pentrhyn ³³

STEEL

S. S. № 113

SCALE $\frac{1}{2}" = \text{ONE FOOT}$

— CLASSED 100A —

RAISED QUARTER DECK- 3.6 HIGH

TOPGALLANT FORECASTLE 6-0--

SECTION IN WAY OF MAIN DECK

SECTION IN WAY OF QUARTER DECK

$$\frac{L}{B} = \underline{6.00}$$
$$\frac{L}{D} = \underline{12.17}$$

$\frac{1}{2}$ Beam $\rightarrow 12.00$
 $\frac{1}{2}$ Girl $\rightarrow 21.41$
Dept. $\rightarrow 11.83$
 $\frac{45}{45} \cdot 24 = 18^{\circ} N$
 $\frac{144}{6514 \cdot 56} = 2^{\text{nd}} N$

Equipment. № 7016.39F.

2. Bower Anchors	$7\frac{1}{2}$ cut. x block
1 Stream "	$2\frac{1}{2}$ " " "
1 Red Be "	1 " " "
165 Pumps	1" Chain Cable.
45 "	$\frac{1}{16}$ Stream Chain
75 "	$7\frac{1}{2}$ Hammer
90 "	$5\frac{1}{2}$ "

Frames $3 \times 3 \frac{1}{2}$ for plunger to $3 \times 3 \frac{1}{2}$ at ends spaced 2'
 Rev. Frames $2 \frac{1}{2} \times 2 \frac{1}{2}$ to bulge & deck alt. to hold
 plunger & deck alt. in way of P. & D. double in
 I & B space.
 Both heads $\frac{1}{2}$ " stiffeners $3 \times 3 \frac{1}{2}$ " Vertical stiffeners $2 \frac{1}{2}$ " apart
 Floors $1 \frac{1}{2} \times 1 \frac{1}{2}$ in I & B space Horizontal " 4" "
 Keel $7 \times 1 \frac{1}{2}$ " Stern $6 \frac{1}{2} \times 1 \frac{1}{2}$ " Stern Post $6 \frac{1}{2} \times 3 \frac{1}{2}$ "
 Rudder stock $4"$ at head $2 \frac{1}{2}"$ at heel. Brackets at ends of hatch

Butt straps of sheer strake & stringer plate to be double riveted for $\frac{1}{2}$ length amidships with straps $\frac{1}{2}$ to thicker than plates. Sheer strake, stringer plate, & strake above & below sheer to be erectle riveted in way of break with straps $\frac{1}{2}$ thicker.

Butts of flange plate double riveted. Butts of Gr. through plate double riveted with double straps. Butt ends of shell plating erectle riveted for $\frac{1}{2}$ length amid.

Hand-drawn plan view of a boat hull. The drawing shows the hull's profile with various dimensions and structural details. Key features include:

- Dimensions:**
 - Overall length: $31' \times \frac{8}{20}$
 - Beam (width): $3' \times 5' \times \frac{9}{16}$
 - Beam at stern: $52' \times \frac{8}{20}$
 - Beam at bow: $5' \times 9' \times \frac{8}{20}$
 - Beam at midship: $6' \times \frac{8}{20}$
 - Beam at stern (inner): $6' \times \frac{8}{20}$
 - Beam at bow (inner): $6' \times \frac{8}{20}$
 - Beam at midship (inner): $6' \times \frac{8}{20}$
 - Beam at stern (outer): $6' \times \frac{8}{20}$
 - Beam at bow (outer): $6' \times \frac{8}{20}$
 - Beam at midship (outer): $6' \times \frac{8}{20}$
 - Beam at stern (inner, top): $6' \times \frac{8}{20}$
 - Beam at bow (inner, top): $6' \times \frac{8}{20}$
 - Beam at midship (inner, top): $6' \times \frac{8}{20}$
 - Beam at stern (outer, top): $6' \times \frac{8}{20}$
 - Beam at bow (outer, top): $6' \times \frac{8}{20}$
 - Beam at midship (outer, top): $6' \times \frac{8}{20}$
 - Beam at stern (inner, bottom): $6' \times \frac{8}{20}$
 - Beam at bow (inner, bottom): $6' \times \frac{8}{20}$
 - Beam at midship (inner, bottom): $6' \times \frac{8}{20}$
 - Beam at stern (outer, bottom): $6' \times \frac{8}{20}$
 - Beam at bow (outer, bottom): $6' \times \frac{8}{20}$
 - Beam at midship (outer, bottom): $6' \times \frac{8}{20}$
- Structural Details:**
 - Plating:** Indicated by hatched areas along the hull's length.
 - Reinforcement:** Indicated by vertical lines along the hull's length.
 - Butt Lap:** Indicated by a label and arrow pointing to a joint in the plating.
 - Forecraft:** Indicated by a label and arrow pointing to the bow section.

9 Deck sides $\frac{9}{20}$
F. castle " $\frac{6}{20}$
Doubled in
way of break.
 $3 \times 3 = \frac{9}{16}$
 $32 \times \frac{10}{20}$ for
 $\frac{3}{4}$ length to $\frac{9}{20}$
Doubled at front
of Bridge
D. R.

Butts lapped
← $\frac{6}{20}$ " all fore & aft.

S. R.
✓ Bull's Tapped
8" 4"
22 26

D.R.

Butte tapped.

$$\frac{8}{20} \div \frac{6}{20} = \frac{8}{20} \times \frac{20}{6} = \frac{8}{6} = \frac{4}{3} = 1\frac{1}{3}$$

267/2/95



© 2020
L1031-0331
Lloyd's Register
Foundation