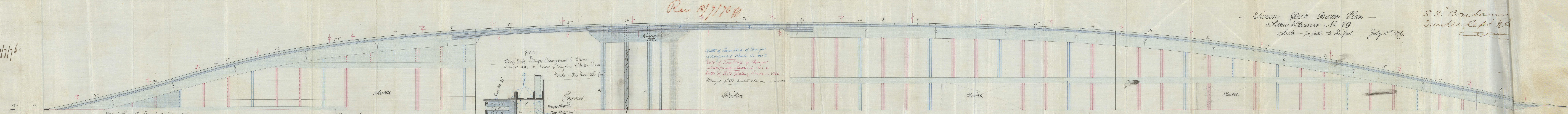


Rec 18/7/76 R

S. S. <sup>"</sup> Britannia  
Dundee Rept. No. 1



Butt of Lower plate of Shinger Arrangement shown in BLUE  
Butt of Free Plate of Shinger Arrangement shown in RED  
Butt of Roll plating shown in RED.  
Shinger plate Butt shown in BLACK

— Section —  
Queen Deck <sup>of</sup> Stinger Arrangement & Beams  
marked AA, in Way of Engine & Boiler Space  
Scale: — One Inch the foot.

Boilers

Hatch

in through Tunnel on frame 108

Deck. Kraft Tunn

Hand-drawn diagram of a tunnel cross-section. The diagram shows a central vertical shaft labeled "Tunnel" leading down to a "Pot". The shaft is supported by "Angle iron struts". The bottom of the shaft is labeled "Looking" and "Off". The dimensions of the shaft are given as  $5' \times 3' \times 7 \frac{1}{6}'$ .

$5 \times 3'' \times 7/16''$  Angle at per rule on every 2nd & 4th  $\times$   $6 \times 1/16$  Bolt  $2 1/2 \times 2 1/2 \times 4/16$  Angle at per rule on every 2nd & 4th  
 right aft  $5 \times 3'' \times 7/16''$  on alternate frames.  $\times$   $5/8 \times 3 \times 1/2$  on alternate frame. Bolt  $6 \times 1/16$  angle  $2 1/2 \times 2 1/2 \times 5/16$  on every alternate frame.

NB. Lower Deck beams fitted  
as noted in Black - JH

$7 \times 7/16$  Bulb &  $3 \times 3 \times 3/8$  as per Rule on Every 2<sup>nd</sup> & 4<sup>th</sup> frame  
 If on alternate frames  $6 \times 6/16$  Bulb &  $2 \frac{1}{2} \times 2 \frac{1}{2} \times \frac{1}{8}$  Angles. — } = — — — — —  
 ← Bulb  $6 \times 6/16$  and Angles  $2 \frac{1}{2} \times 2 \frac{1}{2} \times 7/16$  on every alternate frame. —

\* Per Rule every 2<sup>nd</sup> & 4<sup>th</sup> 6" x 9/16 Bolt & 2 1/2" x 2 1/2" x 9/16 Angles }  
 if on alternate frames 5" x 3" x 9/16 Angle Non. }  
 \* Per Rule 5" x 3" x 9/16 on every 2<sup>nd</sup> & 4<sup>th</sup> frames }  
 if on alternate frames 4" x 3" x 9/16 } = 10  
 \* 5" x 3" = 9/16 on alternate frames to the

Note:— The total weight beams proposed to be placed on alternate frames would equal the total weight of beams if placed every 2<sup>nd</sup> & 4<sup>th</sup> frames required by the Rules.

18th  
7/7/76  
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