

5.2.12
30.7.12

Beams marked A = Plate 14×48 , Bottom $5 \times 4 \times 48$ Knees 42×48
B = Bulb 8×44 , 2 $3 \times 3 \times 34$ 23×50 or $8 \frac{1}{2} \times 3 \times 46$ Bulb Angs.

PROFILE.

SCALE $\frac{1}{8} = 1$ FOOT

Bridge Deck & Beams = $7 \frac{1}{2} \times 3 \times 42$ Bulb Angs. Knees = 18×40
" $\frac{1}{2}$ " = $6 \times 3 \times 40$ " " " "

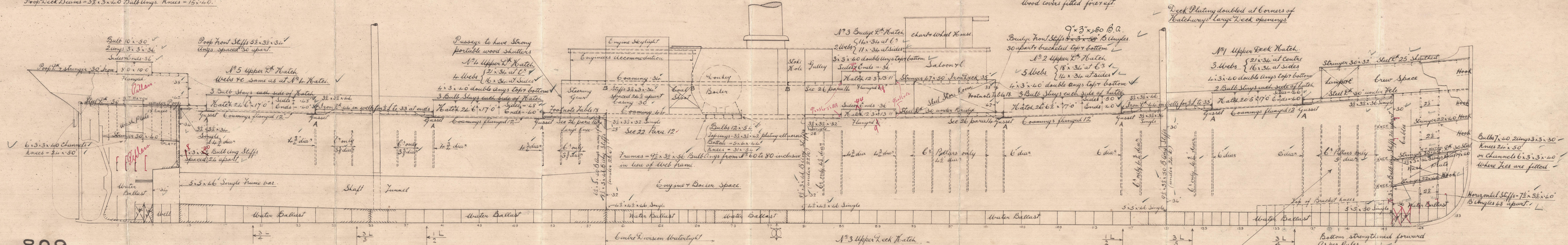
Upper Deck Beams

Beams under P.B. H.C.	$8 \times 3 \times 44$ Bulb Angles	Knees 19×40
$\frac{1}{2}$ "	$6 \frac{1}{2} \times 3 \times 40$ "	" "
Two Beams outside Bridge	$8 \frac{1}{2} \times 3 \frac{1}{2} \times 50$ "	25×50
$\frac{1}{2}$ "	$8 \times 3 \times 44$ "	" "
Beams in Peaks	$5 \frac{1}{2} \times 3 \times 34$ "	19×40

Note No Hatch fore & afters fitted.
Wood covers fitted fore & aft.

H.C. Beams = $9 \frac{1}{2} \times 3 \frac{1}{2} \times 52$ Bulb Angles on alternate frames. Knees = 23×50
End Beams $7 \frac{1}{2} \times 8 \frac{1}{2} \times 3 \times 46$ " " " "

Poof Deck Beams = $5 \frac{1}{2} \times 3 \times 40$ Bulb Angs. Knees = 15×40



809.

No. 3 Upper Deck Hatch
13 x 40 at 6"
2 Webs $1 \frac{1}{2} \times 40$ Sides
3 x 3 x 40 double Angs top & bottom

134-135
Frames = $1 \frac{1}{2} \times 3 \frac{1}{2} \times 54$ Bulb Angles Knees = 39×40
" $1 \frac{1}{2} \times 3 \frac{1}{2} \times 58$ " " " "
" $1 \frac{1}{2} \times 3 \frac{1}{2} \times 60$ " " " "
+ Tank Knees increased in depth for of No. 131 frame
in lieu of fitting Peening Beams

GRAY & CO. LIMITED
5.2.12
W. HARTLEPOOL

809.



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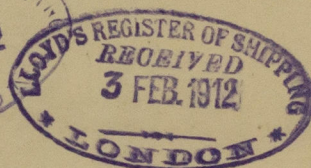
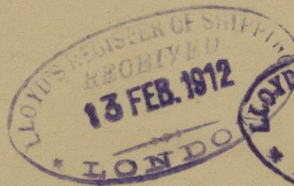
PROFILE.

GRAY'S S.S. N° 809.

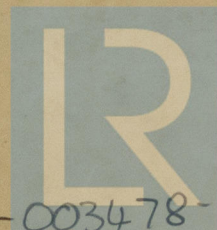
S.S. "Bonfield"



M. N. Runmaito



Hpl Rpt No. 14522.



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