

Iron 13436

N^o 182.

100A. Class.

Length 248.0
Breadth 39.45
Depth 25.5
12 Girth 39.5
No for Rule 84. 84 and 21047.

CASTLE ROY

Glasgow Report
No. 3965

Proop & Forecastle Plating $\frac{1}{16}$
Proop & Forecastle Stringers $2\frac{1}{2} \times \frac{1}{2}$ angle $3 \times 3 \times \frac{1}{2}$
Proop & Forecastle Sheerstrake $\frac{3}{8}$
Proop & Forecastle Kiel $4 \times 3\frac{1}{2}$
Proop Beams $6 \times 3\frac{1}{2} \times \frac{5}{16}$
Forecastle Beams $4 \times \frac{1}{2}$ bulb
and $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{16}$ angle

Forecastle & proop $5 \times 2\frac{1}{2}$ Teak
 $5 \times 3\frac{3}{8}$ Teak

$12 \times \frac{1}{16}$ for 123 ft tapering to $12 \times \frac{1}{16}$ at ends
diagonal tie same size where possible

$\frac{1}{16}$ for 123 ft
 $\frac{1}{16}$, $\frac{1}{16}$ & $\frac{1}{16}$ at ends

Ree $\frac{1}{5} \frac{1}{16}$

Bulk $9\frac{1}{2} \times 9\frac{1}{16}$ tapering to $7\frac{1}{2} \times 7\frac{1}{16}$
angle $3\frac{1}{2} \times 3\frac{1}{2} \times 7\frac{1}{16}$

Outside strake $\frac{1}{16}$ for 123
ends $\frac{1}{16}$ & $\frac{1}{16}$
Inside strake $\frac{1}{16}$ for 123
ends $\frac{1}{16}$ & $\frac{1}{16}$

$4 \times 4 \times \frac{9}{16}$ for 147 ft ends $4 \times 4 \times \frac{9}{16}$
 $\frac{3}{8}$ for 123 ft tapering to $2\frac{1}{2} \times \frac{1}{16}$ at ends

Beams same as main deck.

Frames $5 \times 3\frac{1}{2} \times \frac{9}{16}$ for 147 ft ends $5 \times 3\frac{1}{2} \times \frac{1}{16}$
spaces $24"$ apart at top Gallant Tailer
way of Proop to Main Deck amidships and to
Forecastle Deck forward
R. Frame $3\frac{1}{2} \times 3 \times \frac{5}{16}$ to Main Deck Stringer
and 9' above Lower Deck Stringer alternately

Bulkhead Plate $\frac{1}{16} \times \frac{1}{16}$
angles $3\frac{1}{2} \times 3 \times \frac{1}{2}$ spaces $30"$ apart
Rudder Stock 6" dia plates $\frac{5}{16}$

Pillars on every beam
for 126 ft in alternate
beams at ends

$5\frac{1}{2} \times 4 \times \frac{9}{16}$ for 147 ft
ends $5\frac{1}{2} \times 4 \times \frac{9}{16}$

Outside Strake $\frac{1}{16}$ for 123 ft
ends $\frac{1}{16}$, $\frac{1}{16}$ & $\frac{1}{16}$
Inside Strake $\frac{1}{16}$ for 123 ft
ends $\frac{1}{16}$ & $\frac{1}{16}$

$5\frac{1}{2} \times 4 \times \frac{9}{16}$ for 147 ft ends $5\frac{1}{2} \times 4 \times \frac{9}{16}$

$5\frac{1}{2} \times 4 \times \frac{9}{16}$ for 147 ft ends $5\frac{1}{2} \times 4 \times \frac{9}{16}$

Intercostal plates $\frac{1}{2}$ as far as practicable
 $6 \times 3\frac{1}{2} \times \frac{9}{16}$ for 147 ft ends $6 \times 3\frac{1}{2} \times \frac{9}{16}$

Floor Plate $25 \times \frac{1}{16}$ for 123 ft

$3\frac{1}{2}$ dia.
 $3\frac{1}{8}$

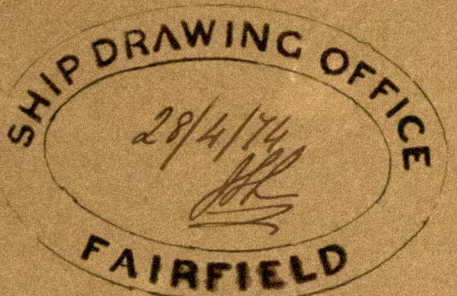
$10 \times \frac{1}{2}$ bulb
 $5\frac{1}{2} \times 4 \times \frac{9}{16}$ ends $\frac{9}{16}$
 $\frac{1}{2}$ Intercostal

Bulk Strap Main Deck Sheerstrake
and Stringer & 3 bilge Strakes
to be treble riveted straps $\frac{1}{16}$
thicker than plates they connect
for 123 ft amidships.

Outside Strake $\frac{1}{16}$ for 123 ft ends $\frac{1}{16}$ & $\frac{9}{16}$
Inside Strake $\frac{1}{16}$ for 123 ft ends $\frac{9}{16}$ & $\frac{5}{16}$

$12\frac{1}{16}$ for 123 ft
 $\frac{1}{16}$ at ends

Keel $9\frac{1}{2} \times 2\frac{1}{2}$
Stem atop $1 \times 2\frac{1}{2}$
Stem Post $9 \times 2\frac{1}{2}$
Stem Post at top $6\frac{1}{2} \times 2\frac{1}{2}$



SCALE $\frac{1}{2}$ INCH TO THE FOOT

JOHN ELDER & CO
Shipbuilders & Engineers
GLASGOW.

IRONS10-0099