

Lt A. Aberdeen
6/9/82.

Nos: 164 & 165.
"North Star"

Abn N^o 3488.
3489 Gipsy.

Complete Iron deck $\frac{5}{16}$.
Stringer plate $48 \times \frac{5}{16}$
Beams on every frame $4 \times 2 \frac{1}{2} \times \frac{5}{16}$.

Bulwark $\frac{4}{16}$



JOHN DUTHIE SONS & CO.
SHIPBUILDERS
ABERDEEN
Scale $\frac{1}{2}$ inch = 1 Foot

About 105 TONS

N^o 164. Class 100. A.
DIMENSIONS
AS PER RULE

LENGTH 100. 0 FT
BREADTH 19. 0 "
DEPTH 11. 25 "
HALF GIRTH 16. 9

N^{os} for Scantling 37. 65 and 37. 65
Depths to Length 9
Breadths to Length 5. 26

The Butt Straps of deck Stringer
Sheerstrake & one strake at bilge.
to be $\frac{1}{2}$ thicker than plates they connect.

Rider plate for $\frac{3}{4} 6 \frac{1}{2} \times \frac{7}{16}$
Middle line Keelson $8 \frac{1}{2} \times \frac{7}{16}$ ends $\frac{6}{16}$
Keelson angles $3 \times 3 \times \frac{5}{16}$
Floors $11 \frac{1}{2} \times \frac{5}{16}$ in row of
Engine & Boiler $\frac{6}{16}$
Wash plate $\frac{4}{16}$

Ceiling 2"

Angle Iron $3 \times 3 \times \frac{5}{16}$
Sheerstrake $36 \times \frac{7}{16}$ For half length
Ends $\frac{6}{16}$
Frames $3 \times 2 \frac{1}{2} \times \frac{5}{16}$ Spaced 20 ins
Reverse frames $2 \frac{1}{2} \times 2 \frac{1}{2} \times \frac{5}{16}$ from
Deck stringer to upper turn of bilge
alternately and double below
Engines & Boiler

$\frac{6}{16}$ half length ends $\frac{5}{16}$

Stringer A. I. $3 \times 3 \times \frac{5}{16}$

$\frac{6}{16}$ or $\frac{5}{16}$
9-11
2-5
6-10

36" $\frac{4}{16}$ or $\frac{1}{16}$ only
HEEL $6 \frac{3}{4} \times \frac{1}{4}$

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