

"Monte Moro" - Part No 13080.

27/4/75

C. S. SWAN & CO

Iron Shipbuilders
WALLSEND
NEWCASTLE-UPON-TYNE

April 22nd 1975

S. S. No 21

Scale $\frac{1}{2}$ INCH = 1 FOOT

8.04 Breadths
10.1 depths to upper deck
13.91 " " Main "

Dimensions for Scantling

$\frac{1}{2}$ Breadth 17.0
 $\frac{1}{2}$ Girth 39.08
Depth 26.66

82.74

7.0

$75.74 \times 273.5 = 20,714 + 22,185$ for outfit.

"Class 100A with three decks"

$\frac{3}{8}$ iron deck
whole length
 $\frac{9}{16}$ at ends

$5\frac{1}{2} \times 3 \times \frac{1}{2} + \frac{7}{16}$ at ends on every frame
at hatches $8 \times \frac{9}{16}$ built with a single $5\frac{1}{2} \times 3 \times \frac{7}{16}$ angle iron

Frames $5 \times 3 \times \frac{9}{16}$ for $\frac{3}{5}$ length to $5 \times 3 \times \frac{7}{16}$ at ends doubled for
4 ft at bilge in way of ballast tank + 3 ft at keel. spaced 2 ft
Revers Frames $3 \times 3 \times \frac{7}{16}$ to main + upper deck alternately, doubled whole length of
Bulkheads $\frac{3}{8}$
All seams of outside plating double rivetted

Section

$\frac{3}{8}$ plate

Hold beams spaced as shown on plan

$\frac{3}{4}$
 $\frac{33}{8}$

$\frac{13}{16} \times \frac{1}{16}$ Rule
 $\frac{11}{16} \times \frac{1}{16}$
 $5\frac{1}{2} \times 4 \times \frac{9}{16}$

Center Keelson in fore
hold where there is
no tank

Intercostal fitted where there is no tank
+ carried into tank 4 frame spaces

Intercooled $5\frac{1}{2} \times 4 \times \frac{9}{16}$ to run
4 frame spaces into tank

$8 \times \frac{9}{16}$ for $\frac{1}{2}$ length where no tank
 $5\frac{1}{2} \times 4 \times \frac{9}{16}$

double built
straps $\frac{9}{16}$

$4 \times 4 \times \frac{9}{16}$
 $20 \times \frac{1}{16}$
 $5\frac{1}{2} \times 4 \times \frac{9}{16}$

Floors $23\frac{1}{2} \times \frac{9}{16}$ for $\frac{1}{2}$ - $\frac{7}{16}$ ends
 $\frac{3}{8}$ wash plate
where no intercostal
at ends

$36 \times \frac{13}{16}$ for $\frac{1}{2}$
 $\frac{1}{16}$ ends
Keel $9\frac{1}{2} \times 2\frac{1}{2}$
Stem $9 \times 2\frac{1}{2}$
Stem Post 9×5

Strakes of plates under ballast tank
to be $\frac{7}{8}$ less than shown



IRONS14-0204