

"Northern Monarch"
Class report 16.4.183

(1st)

Midships Section No. 192

Iron Rpt
No. 15832

Scale $\frac{1}{2}$ " = 1 foot

Class 100 A at Lloyd's

Rec 22/7/75

Joist $12 \times 10 \frac{1}{16}$ for $\frac{1}{2}$ length
to $\frac{1}{16}$ at ends

Deck 4"

Stringer $42 \times 9 \frac{1}{16}$ for $\frac{1}{2}$
length to $28 \times 9 \frac{1}{16}$ at ends

* See Butt $8 \frac{1}{2} \times 9 \frac{1}{16}$ Sep. flange 6" overall $\times 7 \frac{1}{16}$

or if $8 \frac{1}{2}$ is not possible 8" with additional thickness

Half Girth 36.45

Width 18.13

Depth 24.0

$78.58 \times 214 = 16816$

17937 for Equipment

Length P. 215'

Width In. 36.3

Depth In. 24.0

L. of Hold 21.9

Width to Length 5.93 for 2.84 for 5.89

Depth " 8.96 " 8.91 " 8.90

Joist $12 \times 9 \frac{1}{16}$ for $\frac{1}{2}$ length
to $\frac{1}{16}$ at ends

Deck 3"

Stringer $31 \times 9 \frac{1}{16}$ for $\frac{1}{2}$ length
to $24 \times 9 \frac{1}{16}$ at ends

See Butt $9 \times 9 \frac{1}{16}$ Sep. flange 7" overall $\times 7 \frac{1}{16}$

4 alternate frames

The Butt. strips of Upper deck Stringer Plate
then Strake of thin strake plating at Bridge
to be $\frac{1}{16}$ thicker than thin plate & built in
for $\frac{1}{2}$ vessels length Amidships.

Frames 24" apart centres

Stanchions on every beam for $\frac{1}{2}$ length & every
alternate beam beyond $\frac{1}{2}$ length Amidships

Butt in head 6" but 3"

Butt in head 6" but 3" from fore end deck down $\frac{1}{16}$

$5 \times 4 \times 9 \frac{1}{16}$ for $\frac{3}{4}$ length
to $\frac{1}{16}$ at ends

Archd. Mr. Williamson

Permanently 20 July 1875

Butt plate $8 \frac{1}{2} \times 9 \frac{1}{16}$ for $\frac{1}{2}$ length
Vertical plate $17 \times 9 \frac{1}{16}$ for $\frac{1}{2}$ length to $\frac{1}{16}$
Angles $5 \times 4 \times 9 \frac{1}{16}$ for $\frac{1}{2}$ length to $\frac{1}{16}$

Ceiling 2"

$5 \times 4 \times 9 \frac{1}{16}$ for $\frac{3}{4}$ length
to $\frac{1}{16}$ at ends

Height of floors

Recess $5 \times 3 \times 9 \frac{1}{16}$

Inter-rib plate $3 \frac{1}{16}$
Angles $3 \frac{1}{2} \times 3 \times 9 \frac{1}{16}$

Floors $24 \times 9 \frac{1}{16}$ for $\frac{1}{2}$ length to $\frac{1}{16}$ at ends

Frames $5 \times 3 \times 9 \frac{1}{16}$ for $\frac{1}{2}$ length to $\frac{1}{16}$ at ends

Plating $\frac{1}{16}$ to $\frac{3}{16}$ at ends

craft outside strake forward
but not at aft end

Fastboard $36 \times 9 \frac{1}{16}$ for $\frac{1}{2}$ length to $\frac{1}{16}$

Keel
 $9 \times 2 \frac{1}{2}$
Stem & Post
 $8 \frac{1}{2} \times 2 \frac{1}{2}$

W. H. 21.7.75

22/7/75

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IRON 514-0219