

MOUNSEY & FOSTER,
IRON SHIP BUILDERS,
SOUTH DOCK,
SUNDERLAND.

MIDSHIP SECTION OF NO 81

SCALE 1/2 INCH = ONE FOOT.

Iron Ship 'Glenaricht' Sunderland report No 11,732.

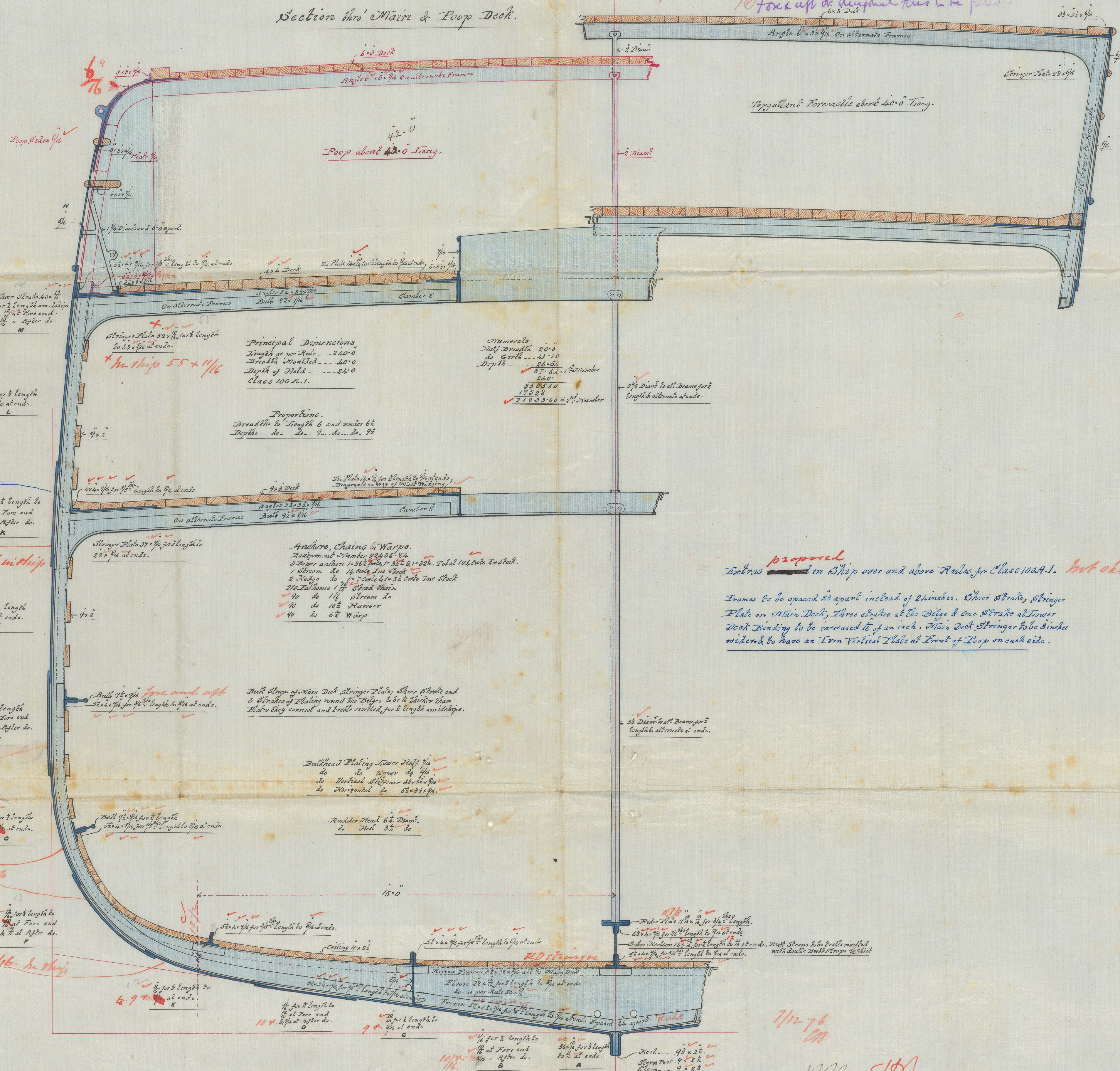
November 29th 1876.

Section thro' Main & Poop Deck.

Section thro' Forecastle.

Dec 8/12/76

Box up or diagonal ties to be put.



Principal Dimensions.
Length as per Rule... 240'0"
Breadth... 40'0"
Depth of Hold... 24'0"
Class 100-A.1.

Maneuvers.
Half breadth... 20'0"
to center... 41'10"
Depth... 24'0"
to 24'0"
to 24'0"
to 24'0"

Proportions.
Breadth to Length 6 and under 6 1/2
Depth... do... do... 7... do... do... 7 1/2

Anchors, Chains & Warrps.
Development Diameter 2 1/2" dia.
3 Bigger anchors 1 1/2" dia. 35' & 1' 30". Total 104 Cuts Two Each.
1 Stream do 14 Cuts Two Each
2 Kedges do 1' 7" dia. 4' 10" dia. One Each
270 Fathoms 1 1/2" Stream chain
40 do 1 1/2" Stream do
40 do 10 1/2" Hawsers
40 do 6 1/2" Warrps

Belt Straps of Main Deck Stringer Plates, Sheer Straps and
3 Strakes of Plating round the Bilges to be 1/2" thicker than
Plates they connect and bridle riveted for 1/2" length amidships.

Bulkhead Plating Lower Half 1/2"
do Upper 1/2"
do Vertical Stiffener 3/8" dia. 1/2"
do Horizontal do 5/8" dia. 1/2"

Amidships Head 6 1/2" Diam.
do Head 3 1/2" do

Frames to be spaced 23" apart instead of 24 inches. Sheer Straps, Stringer
Plate on Main Deck, Three Strakes at the Bilge & One Strake at Lower
Deck Binding to be increased to 1/2" an inch. Main Deck Stringer to be 3 inches
wider & to have an Iron Vertical Plate at End of Poop on each side.

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3 1/2" Diam. Ball Beam for 1/2" length alternate ends.

Side Plate 1 1/2" dia. for 3/4" length.
5/8" dia. for 1/2" length to 1/2" at ends.
Cable Reel 18" dia. for 1/2" length to 1/2" at ends. Bull Straps to be bridle riveted
with double Bull Straps 1/2" dia.

Lower Frame 5/8" dia. for 1/2" length to 1/2" at ends.
Lower 5/8" dia. for 1/2" length to 1/2" at ends
do as per Rule 26-1/2"

Frames 5/8" dia. for 1/2" length to 1/2" at ends spaced 23" apart.
Rule

Deck... 9 1/2" x 2 1/2"
Storm Deck... 9 1/2" x 2 1/2"
do... 9 1/2" x 2 1/2"

1/12/76
18M
1/12/76

IRON 522-0078