S.S. Yoxford" Nwc Repst No. 15164

MIDSHIP SECTION No 29

Scale ½ inch = 1 Foot. 6 Class 100 A

28.5.80

THE IRON SHIPBUILDING COMPANY WILLINGTON QUAY ON TYNE LIMITED

25th May 1880

3" x 1½"

5/16"

Anglebars 4" x 4" x 9/16" to 7/16"
" " " 3½" x 3" x 7/16"

4"

Tie plates 14" x 9/16" to 7/16"

Angles 3 x 3 x 3/8
Bulb 7" x 7/16" to 6½" x 7/16"

In way of Hatchways 8½" x ½" & 3" x 3" x 7/16" angles

Height of Reverse Frames on alternate spaces also on every frame in Engine & Boiler spaces

Sheerstrake 40 x 13/16 10/16" at ends.

Stringer Plate 54" x 9/16" for ½ Length to 32" x 7/16" at ends.

Doubling for 130 Feet with 10/16" plate. 11/16" to 9/16"

Dimensions

Length between perpds.	270'-0"
" as per rule	268'-6
Breadth moulded	35'-0
Depth of Hold	24'-6
Depth to top of Keel	26'-6

Breadths in Length 7·67
Depths (U.D) 10·13
" (M.D) 14·32.

Pillars 2⅞" Dia.

Poop 30ft Long.
Sideplating 9/16"
Stringer Plate 24" x 3/8"
" Angles 3" x 3" x 3/8"
Beams 6" x 3" x 7/16"
Deck 3" thick

10/16" to 8/16"

Anglebars 4" x 4" x 9/16" to 8/16"

Deck 6/16"

Beams 6" x 3" x ½" on every frame.

Height of alternate Reverse Frames before & abaft the Engine & Boiler space.

Bulbs 8½" x 8/16 at hatches over Side Spaces
Single angles 4" x 3" x 7/16

Anglebars 4" x 3" x 7/16"

Top Gallant Forecastle 36'-6" Long
Side plating 6/16"
Stringer Plate 24" x 3/8"
" Angles 3" x 3" x 3/8"
Beams 6½" x 4/8" bulb, 2¾ + 2¾" x 7/16" angles
Deck 3" thick.

Stringer Plate 38" x 10/16" for ½ Length to 28½" x 8/16" at ends

11/16" to 9/16"

Frame 8 to 10 Feet apart

Web Frames. 13" x 7/16" Bulb Angle Bars

Numbers

Half Girth	39·45
Half Breadth	17·5
Depth	26·5
	83·45
Less	7·0
	76·45 Frame No

Pillars 3" Dia.

76·45 x 268·5 = 20526. Plating No

Equipment No 23899.

Anglebars 4" x 4" x 9/16" to 8/16"

10/16" to 8/16"

Angle 5½" x 4" x 9/16" to 8/16

Plating 6/16"

Angles 3 x 3 x 7/16"
Bulb 8½" x 7/16"

Gusset Plate 3'0" x 2'-3"

Stringer Plate 31½" x 10/16" for ½ Length to 24" x 8/16" at ends

Stem 9" x 2½"

Stern Post 9" x 5

Bulkheads { Upper part — 6 6/16" ; Lower part — 7 8/16" ; Anglebars — 3½" x 3" x 8/16 }

Rudder { Head — 6¾" Dia.r ; Heel — 3½ — }

3⅜" Dia.r

Long Pillars 3¾" Dia.r

Deckhouse 14 ft Long not enclosed
Side plating 6/16"
Stringer Plates 24" x 3/8"
" Angles 3" x 3" x 3/8"
Beams 6" x 3" x 7/16"
Deck 3" thick

Angles 3" x 3" x 7/16"
Plate ½" for ½ Length
Angles 5½" x 4" x 9/16" to 8/16"

10/16" to 8/16"

Tank Top 3/8" Ceiling 2½"

3" x 3" x 3/8" 3" x 3" x 7/8" 4" x 4" x 9/16"

Plate 10/16"

5½" x 4" x 9/16" to 7/16"

Keel 6/16"

Reverse Frames 3½" x 3" x ½".

3½" x 3½" x 7/16"

Floors 24" x 9/16" to 7/16". & 10/16" Under Engines & Boilers.

Frames 5" x 3" x 9/16" to 7/16" spaced 24" apart

11/16" to 9/16"

10/16" to 7/16"

Keelplate 36" x 12/16" to 11/16"

Keel. 9½" x 2½"

Buttstraps of Sheerstrake Upper & Main Deck stringer plates and three strakes of plating at the bilge to be 1/16" thicker than the plates they connect and treble riveted for ½ Length.

All outside plating (except Cardboard) in range of double bottom to be reduced 1/16" in thickness when 10/16" or more.

Rider Plate 12" x 9/16"
Angles 5½" x 4" x 9/16" to 7/16"
Plate 18" x 13/16" to 11/16"
Angles 5½" x 4" x 9/16" to 7/16"

Bulb 8½" x ½" for ⅔ Length
Angles 5½" x 4" x 9/16" to 8/16"
Scarphed 3 spaces into Tank.

Bulb 8½" x ½" for ½ Length
Angles 5½" x 4" x 9/16" to 7/16"
Scarphed 3 spaces into Tank.

Scarphed into Tank 3 Frame spaces.

½"

3" x 3" x 7/16"

Section before Tank.

27/5/80

18.M
28/5/80

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