

MIDSHIP SECTION

PRIMA No. 4164

Iron Sailing Barge - To class 100 A.

Dec 11/6/75

NO 191

Raised Quarter deck 39 ft long -

Quarter deck Beams Bull 6 x 6/16
Angles 22 x 22 x 5/16
" " Stringer 32 x 3 x 5/16
" " Plate 25 1/2 x 7/16 to 19 x 6/16
" " Tie 7 1/4 x 7/16 to 7 1/4 x 6/16
" " Flat of Yellow Pine 5 x 3

Tie 9 x 7/16 for 1/2 length to 7/16 3 1/2 Yellow Pine

Bull 6 1/2 x 6/16

Angles 22 x 22 x 5/16

On every alternate frame

Dimensions

Half moulded Breadth 14.17
Depth from Top of Keel 19.33
Birth of half midship frame section 29.33
Length as per rules 165.

2 1/2 dia

Numeral 3-

14.17 + 19.33 + 29.33 = 62.83 Transverse
" + " + " x 165 = 10366.95 Longitudinal
" + " + " x " + 1/15 = 11058.08 Out fit.

Tie Plate 9 x 7/16 for 1/2 length to 6/16

2 1/2 Pine

Bull 7 x 7/16

Angles 3 x 3 x 6/16

On every second and fourth frame alternately

Frames 4 x 3 x 7/16 for 3/5 length twice to ends 4 x 3 x 6/16
Spaced 22 inches apart centre to centre.

Reverse Frames 3 x 3 x 6/16 to Main & Quarter deck and lower deck alternately

Keel 7 1/2 x 2 1/8 Scarphs 19 1/8 long.

Stem 6 1/4 x 2 1/8 at lead line tapering to 5 1/2 x 2 at head.

Stem Post 6 x 2 1/2 to 4 1/2 x 2 1/2 at head

Rudder - Stock 4 1/2 dia - keel 2 1/2

Floors 18 x 7/16 for 1/2 length twice to ends 7/16

Bulkhead - plates lower 6/16 upper 7/16 angles 3 x 3 x 6/16 Spaced 30"

also horizontal Br.

2 1/8 dia

Under Plate for 1/4 length
9 x 7/16 for 1/2 length to 6/16
Vertical plate 12 x 7/16 for
3 length to 7/16

Angles 4 x 3 x 6/16

Wash Plate for half length 6/16
Connected only to outside plating
Angle 3 x 3 x 6/16

3 1/2 Ceiling

4 x 3 x 6/16

Double riveted landing

7/16 for 1/2 length to 6/16 4 1/2 Broad
Butts double riveted

Double riveted landing
7/16 for 1/2 length to 7/16 4 3/4 Broad
Butts double riveted

Double riveted landing

7/16 for 1/2 length to 6/16 4 1/2 Broad
Butts double riveted

Double riveted landing

Garboard strake 32 x 7/16 for 1/2 length to 7/16

Scale 1/2 Inch to one Foot

Alexr Stephen & Sons.

SHIPBUILDERS & ENGINEERS.

GLASGOW

DRAWING No 230

Dec 9/6/75

IRONS 14-0052