W. B. THOMPSON & Co, Lt.
DUNDEE.

IRON S. S. "PORTLAND"

№ 81.

SCALE ½ INCH TO A FOOT

Class 100 A1

Report No. 5068.

5.2.87.

Jan. 26/87

Poop & Fcsl. Dks.
5 × 3 pitch pine

Iron 12 × 7/16

Stringer plate 30 × 7/16
Do. bar 3 × 3 × 7/16

3" × ½

Poop deck Beams 6 × 4½ × ⅜ Tee bulb on alternate frames
Fcsl. deck beams 6½ × ⅜ Tee bulb on alternate frames : Dble. angles 3 × 2½ × 5/16

Length between Perpendic'ls	241 " 4
Do. inside Stem & Stern Post	240 " 0
Breadth Moulded	33 " 6
Depth Do.	16 " 11½
Do. in Hold	16 " 0

5/16 7 5/6 / 16 bulb double

4'-4" 14"-10"

5/16 7 6/16 bulb double

3 × 1½

Section in way of Bulwark

M. D. Stringer doubled at Poop Break

5 × 3½ pitch pine
4" clear of iron deck.

9/16 Iron deck for ½ length
Iron 12 × 8/16

Stringer plate 34½ × 9/16 to
Treble butts 28 × 8/16 for ½ length shape ½ thick
5 × 3½ × 9/16 to 8/16

2'-9"

1'-2"

Sheer strake
36 × 12 6/9 / 16
Doubling 20 × 9/16 for 3/5ths length
Butts of Sheer strake above doubling Treble riveted for ½ length

6 × 12/16 face plate
9 × 7/16 Am. Elm
5 × 4 × 17/16

5/16

8" round of beam

Beams of Tee bulb 8½ × 5/16 × 8/16 } on alternate frames
Double angles 3 × 3 × 6/16 }

Half Girth	30.66
Do. Beam	16.75
Depth	14.62
First №	65.03
Length	240.0
Second №	15,607
⅛ × 194/240 + 1/10ths	1509
Equipmt. №	14186.

See amended Table 22.

Depths to Lengths 13.6
Breadths to Do. 7.10

— Anchors and Chains —

2 Bowers	23½ cwts each	270 fms.	1 9/16 Cable
1 Bower	20	45 "	1 Stream chain or
1 Stream	8		3¾ Steel wire
1 Kedge	4	90 fms	10" Cowlins or 3¼ steel wire
1 Do	2	90 " "	each 8" and 6" Hawsers

2½

6 × 3 White pine

Iron 12 × 8/16

30 × 8/16 to 24 × 7/16
48 × 8/16 for 50 ft. amids.
4 × 4 × 8/16 7/16

10/16 to 8/16

12 × 1¼ for 130 feet

4½

Beams of Tee Bulb 8½ × 5/16 × 8/16 } on alternate frames
Double angles 3 × 3 × 6/16 }

Frames 4 × 3 × 7/16 6/16 Spaced 23 ins. to Poop & Fcsl. decks & top of Bulwark
Reverse frames 3 × 3 × 6/16 to Main & Tween dks. alternately
Double to Bilge in Engine & Boiler Space
3 Diam.

Bulkheads 6/16

Floor plates 19½ × 8/16 7/16 9/16 in E. & B. Space

Rudder Stock 6¾ Diam.

9/16 to 8/16 Treble butts for ½ length shape ½ thick

3½ × 3½ × 8/16

10 × 9/16 for ½ length

5 × 3½ × 9/16 to 8/16

10/16 to 8/16 Treble butts for ½ length shape ½ thick

11 × 12/16 for 3/4ths length
16 × 12/16
18 × 8/16 Foundation plate
Keelson Bars 5 × 3½ × 9/16 8
Ceiling 2½"
8 × 8/16 for 3/5ths length

Treble lap 3 × 3 × 8/16 7/16
4⅛"

9/16 to 8/16 Treble butts for ½ length shape ⅛ thick.

34 × 11 6/10 / 16 5/4

10/16 to 8/16 4½ 9/16 to 8/16 4½ 10/16 to 8/16 4½

Keel 8½" × 2½"
Stem 8 × 2½
S'post 8 × 5

16'-9"

Double Bottom in After Hold.

4 × 3½ × 8/16 Collars

3/16 Steel

Frame doubled for 3 feet

8 × 4 × 4 × 8/16 7/16 6/16

3 × 3 × 6/16

36" 36" 36"

6/16 6/16 Diaphragm plate every 11'-6"

20 × 7/16 Foundation plate

5 × 3½ × 7/16

Dec letter

Dec. 4/2/87

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