MIDSHIP SECTION

S. S No 77

To be classed 100 A.1. at Lloyds

12/8/75

DIMENSIONS

			Ft.	in.
Length inside of Stem & St. Post	193.83	=	193	10
Breadth (Moulded)	26.5	=	26	6
Half Breadth (Moulded)	13.25	=	13	3
Depth top of Keel to top of beam amids.	15.269	=	15	2½
Half midship Girth to St. Plate	24.416	=	24	5
1st Numeral	52.875	=	52	10½
2nd "	10248.94	=	10248·94	
Equipment	11273.84	=	11273·84	
Depths in Length	12.74	=	12·74	
Breadths "	7.3	=	7-3	

Stem 7" x 2 1/16, Stern Post 7" x 4 1/8 and Keel 6 3/4" x 2 1/8

Length of Poop about 14'.0"
" " Bridge " 45'-0"
" " F.C. ~~Forecastle~~ 30'-0"

Rec 5/3/75 & 23/8/75

Poop extending to after Engine Room B.H.
Beams single angle iron 4 1/2" x 2 1/2" x 6/16"
Sh. plate 24" x 6/16" at fore end
tapering to 18" x 5/16" at after end

Bridge House extending between Engine & Boiler room bulkheads, which are extended up to Bridge Dk.
Frames extending to top of Main Dk beams and top of Bridge Dk Beams alternately.

Beams over 24.0" of Bulb 6" and 2 angles 2 1/2" x 2 1/2" x 5/16"
" 22.5 " 5 1/2" x 5/16" " " x 2 1/2" x "
" 20.0 " 5" x " " " 2" x 2" "
" under 20.0 " 1 Angle 5" x 3" x 6/16"

Frames 3 1/2" x 3" x 6/16" for 3/5 Lgth amids, 3 1/2" x 3" x 5/16" at ends Spaced 22" apart
Reverse Frames 3" x 2 1/2" x 5/16". To Lower Dk. & top of Hold Str. angle iron alternately, double to Bilge in Engine & Boiler Spaces and in wake of keelsons and Stks in Holds.
Stanchions or pillars 2 5/8" Dia. to Lower Dk, 2 3/5" to Main Dk.
1 on every beam for 1/2 Lgth amids, on alternate beams at ends.
Bulkheads 5/16" thick - Angles 3" x 2 1/2" x 5/16" (vertical) 2.6" apart
Dia. of Rudder Stock at Head 4 1/2", at Heel 2 3/4"
Floors 15" x 6/16" for 1/2 Lgth amids. and 15" x 5/16" at ends.

Lower Dk laid and
angle iron Beams 4 1/2" x 2 1/2" x 6/16" on every 2nd Frame in Main Hold
Connected to Hold Stk. and Frames by gusset plates and angle iron

Keel 9" x 5/16" for 1/2 Lgth amids.
" " x 1/16" at ends

Deck 5 1/2" x 3/4" Iron Plate

Stringer plate 8" x 5/16" for 1/2 Lgth amids.
4 angles 4" x 3 1/2" x 5/16"
Vertical plate 12" x 5/16" for 1/2 Lgth amids, 5/16" for 1/2 Lgth before & abaft 1/2 Lgth, 5/16" at ends.

Stringer plate 8" x 5/16" for 1/2 Lgth amids.
2 angles 4" x 3 1/2" x 5/16" for 1/2 Lgth amids.
22" x 5/16" at ends
Angle Iron 4" x 3" x 5/16"
Butt Straps 5/16" thicker than plate and treble riveted for 1/2 Lgth amids.

Stringer plate 12" x 5/16" in wake of fore & aft bulkheads except in Main Hold — In Main Hold 15" x 5/16" secured with angle 4" x 3" x 5/16" to Reverse Frames and 1 angle 4" x 3" x 6/16" to outside plating

Bilge plate 8" x 5/16" for 1/2 Lgth amids.
4 angles 4" x 3 1/2" x 5/16"
Vertical plate 12" x 5/16" for 1/2 Lgth amids, 5/16" for 1/2 Lgth before & abaft 1/2 Lgth, 5/16" at ends.

Ceiling 22"

Keel plate 15" x 5/16"

Bulb 6" x 5/16" for 1/2 Lgth amids, 2 angles 3" x 3" x 5/16" for 1/2 Lgth at ends

2 angles 4" x 3" x 5/16" throughout

I. Strake 3 3/4" x 7/16" for 1/2 Lgth amids. 11/16" for 1/5 Lgth before & abaft 1/2 Lgth. 5/16" at ends.
Butt Straps 7/16" thicker than plates and treble riveted for 1/2 Lgth amids.

5/4" Double 3/4" Rivets for 3/4 Lgth - 7/8" Rivets.
4 1/2" " at ends - 3/4" "

H. S. Strake 7/16" for 1/2 Lgth amids 6/16" at ends

2 5/8" Single 3/4" Rivets

G. Strake 5/16" for 1/2 Lgth. amids. " ends

2 5/8" Single 3/4" Rivets

C. Strake 7/16" for 1/2 Lgth amids. 6/16" at ends.
Butt Straps 7/16" thicker than plate and treble riveted for 1/2 Lgth amids.

4 1/2" Double 3/4" Rivets.

D. Strake 9/16" for 1/2 Lgth amids. 7/16" at ends.
Butt Straps 7/16" thicker than plate and treble riveted for 1/2 Lgth amids.

4 1/2" Double 3/4" Rivets.

A. Strake 12" x 7/16" for 3/4 Lgth with 5/16" for 1/4 Lgth at ends

4 1/2" Double 3/4" Rivets.

K. Strake 5/16" for 1/2 Lgth amids. 3/16" at ends.

4 1/2" Double 3/4" Rivets

T. Strake 8/16" for 1/2 Lgth amids. 6/16" at ends.
Butt Straps 7/16" thicker than plate and treble riveted for 1/2 Lgth amids.

4 1/2" Double 3/4" Rivets.

B.M.
12/5/75

H. MURRAY & Co.
SHIPBUILDERS
PORT GLASGOW

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