S.S. "Glenmavis" Nwc. Report No. 15532

Midships Section S. S. No 445.

Scale 1/2" = One Foot.

13th Jan. 1881.

18/1/81.

Angle 5"×3"×7/16"

Poop 28 ft long
Side plating 3/8" thick
Stringer plate 24"×3/8"
" angle 3"×3"×7/16"
Angle beams 6"×3"×8/16"
Deck 3" thick

Bridge 12 ft long.
Side plating 3/8" thick
Stringer plate 24"×3/8"
" angle 3"×3"×7/16"
Beams 6"×3"×1/2"
Deck 3" thick

Top gallant Forecastle 32 ft long.
Side plating 3/8" thick
Stringer plate 24"×3/8"
" angle 3 1/2"×3"×7/16"
Angle Beams 5 1/2"×3"×8/16" on every frame
Iron Deck 5/16" thick

5/16"

Angle 4"×4"×2/16"

Iron deck 6/16"

Sheer strake 40"×13/16" for 1/2 length & 10/16" at ends
Butt straps of Sheerstrake to extend from frame to frame & quadruple riveted for 1/2 length.

Angle beam 6"×3"×8/16" on every frame.

Built 8 1/2"×8/16" angle angle 4"×3 1/2"×1/2" at ends of hatches

4"×4"×1/2" T bar.

Stringer plate 40"×9/16" for 1/2 length amidships to 30"×7/16" at ends.

12/16 for 80 ft.
11/16" to 1/2 length.
9/16" at ends.

Principal Dimensions

Length between Perps	285' 0"
Breadth Moulded	34' 0"
Depth do.	25' 11"
" of Hold	23' 4"

Class 100 A Lloyds Three decked.

2 5/8" dia.

Angles 4"×4"×9/16" to 8/16"

Deck plating 3/8 thick

11/16" for 1/2 length 9/16" at ends.

Angle beams 6"×3"×9/16" on every frame.

Built 9"×9/16" angle 4"×3 1/2"×1/2" at ends of hatches

4"×4"×1/2" T bar.

Stringer plate 40"×10/16" for 1/2 length amidships to 30"×9/16" at ends.

Numbers.

Half Girth	40·66
Half Breadth	18·50
Depth	26·58
	85·74
Less	7·00
	78·74 × 283·33 = 22309

11/16" for 1/2 length 9/16" at ends.

Web frames ins. Engine space 8'6" apart. 10 ft apart abaft

3" diam.

Equipment No. 2672.

Breadths to Length	7·65
Depths " do. to U.D.	10·66
" " do. " M.D.	14·84

11/16" for 1/2 length 9/16" at ends.

Angles 4"×4"×9/16" to 8/16"

Gusset Plate.

Covering Plate 8 5/8"×9/16"

Angle 6×4"×9/16 to 8/16

Angles 4"×4"×9/16

Butts 10"×10/16" spaced on every 12th frame.

Stringer plate 38"×9/16" for 1/2 length amidships to 29"×8/16" at ends.

11/16" for 1/2 length 9/16 at ends

Web Frames 15"×8/16 + double angle irons

Stem 9"×3"
Stem post 10"×5 1/2"
Rudder head 7 1/2 dia.
" heel. 3 3/4"
Bulkheads upper part 3/8"
" lower " 7/16"

Note.- Buttstraps of Upper & Main deck Stringer plate Sheer strake & of 3 strakes plating at the bilges to be 1/16" thicker than the plates they connect & treble riveted for 1/2 length amidships

3 3/8" diar.
Long pillars 3 3/4

11/16" for 1/2 length 9/16 at ends

Angle 6 shell 3 1/2×3"×8/16" to 7/16"
" 6×4"×9/16" to 8/16"
Plate 9/16 for 1/2 length amidships.

Note.- all Reverse frames to extend to the Upper deck in Engine & Boiler space.

12/16" for 100 ft
11/16 to 1/2 length
9/16 at ends.

Butts double rivetted.

Solid floors at every frame under Engines & Tank top 7/16"

Ceiling 2 1/2"

Tank top 3/8" plated longitudinally

Centre plate 30"×8/16" edges & butts treble riveted

3/8" Tank side 7/16

3 1/2"×3"×8/16"

3 1/2"×3"×8/16"

3 1/2"×3"×8/16"

3 1/2"×3"×8/16"

4"×4"×9/16"

12/16" for 1/2 length 2/16" at ends

3 1/2"×3 1/2"×8/16"

3 1/2"×3"×8/16"

Girders

Bracket plate all 3/8"

Frames 5"×3"×8/16" to 7/16" spaced 24" apart.

Note. Top bars centre keelson continuous
" " " Girders "
Bottom bars " Intercostal between frames
Single corner bars to Girders, Tank side & centre Keelson
Main frames continuous from Tank side to Tank side.
Transverse angles under Tank top intercostal between Girders & centre Keelson.

12/16" for 80 ft 11/16 to 1/2 length 9/16 at ends.

11/16" for 1/2 length 9/16" at ends.

11/16 for 1/2 length 2/16 at ends

11/16 for 1/2 length 9/16 at ends

36"×12/16 for 1/2 length 11/16 at ends

Sidebars 10"×1 4/16"

Cellular Bottom

Note. all outside plating (except Garboard strakes) in range of double bottom to be reduced 1/16" in thickness when 12/16" or more.

18/1/81

18/1/81

15/1/81

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