Midship Section

S. S. Spar Decked Vessel Class 100 A

Length B. P. _ _ _ _ 320'-0"
Breadth Moulded _ _ _ _ 38'-9"
Depth from top of D.K. Beams
to Spar Deck Beam _ _ _ 30'-0"

S.S. "Amsterdam"
Glasgow Report No. 5031

Scale 1/2 inch to a foot

Ties 16"x9/16" to 7/16"
Deck 3 1/2"
Angles 3"x3"x9/16"
Bulb 7 1/2"x7/16"

Stringer 50"x 7/16" 1/2 L
to 37"x 7/16" at ends

Knees 19"

Half Girth _ _ _ 39.87
Half Beam _ _ _ 19.37
Depth _ _ _ _ _ 24.12
82.86 x 318.33 = 26,376

2 5/8"

Half Girth to Spar Deck 47.41
Half Beam _ _ _ _ _ 19.37
Depth to Spar Deck _ _ 32.04
98.82 x 318.33 = 31457 Equipment No

Iron Deck 9/16" for 1/2 length to 5/16" ends

Deck 2 1/2"
Angles 3 1/2"x3 1/2"x 7/16"
Bulb 9 1/2" x 9/16"

Stringer 45"x 7/16" for 1/2 length
to 37"x 8/16"
Angles 4"x4"x 9/16" for 1/5ths to 9/16

Breadths to Length 8.2
Depths " " 13.1

3" dia

Bulkheads
Upper Half 6/16"
Lower " 7/16

Equipment No 31457

Knees 24"

1 Bower Anchor 36 1/2 Cwt ex stock
1 " " 15 " lighter
1 " " 7 1/2 " "
} Collective Weight 104 Cwts
1 Stream " 11 1/4 Cwt
1 Kedge " 5 1/2 "
1 " 2 3/4 "
300 fms stud Chain Cable 1 13/16
90 " " Stream Chain 1 9/16
also Hawser & Warps as per Lloyds

Ties 16"x9/16" for 1/2 L to 9/16" Deck 3"
Angles 3 1/2"x3 1/2"x 7/16"
Bulb 9 1/2"x 9/16" on every alternate frame

Stringer 41"x 9/16" for
1/2 length to 32"x 9/16" ends

Knees 24"

Rudder
Dia. at Head 7 1/2"
" " Heel 3 1/4"

The Butt Straps of the Spar & Main deck sheerstrakes & Stringer Plates & of 3 Strakes of plating at the bilge to be 1/16 of an inch thicker than the plates they connect & treble rivetted for 1/2 length amidships

Boss Plates & the plates above & below the same 1/16 thicker than midships plating & butt straps treble rivetted

3 1/2"

Vertical Plate 19"x 13/16" for 1/2 length to 11/16"
Rider plate 15"x 13/16" for 3/4ths
Angles 6"x 4"x 9/16 for 3/5ths to 8/16" at ends

Intercostal Plate 9/16" for 1/2 length to 7/16"
Angles 6"x 4"x 9/16" for 3/5ths to 8/16" at ends

Bulb 9 1/2"x 9/16" for 3/5ths
Angles 6"x4"x 9/16" for 3/5ths to 9/16"

Ceiling 2 1/2"

Reverse Frames 3 1/2"x 3 1/2"x 8/16"
Double in 5 x 13
Keel 14"x 3 1/2"x 8/16
Z Bars 2 4 1/2" x 10/16 for 1/2 L
to 8/16 at ends
Frames 24" apart of 5"x 3 1/2" x 8/16" for 3/5ths
Length remainder 5"x 3 1/2" x 7/16"

Garboard Strake 36"x 12/16" 11/16" for 1/2 L to 9/16" for 1/2 length to 11/16" at ends
11/16" for 1/2 L to 9/16"
11/16" for 1/2 L to 9/16"
11/16" for 1/2 L to 9/16"

Keel 10"x 2 3/4"
Stem 10"x 2 3/4"
Stern Post 10"x 5 1/2"

Angles 4"x4"x 9/16" for 3/5ths to 9/16
Height of Alternate Reverse Frames
Sheer Strake 40"x 11/16" for 1/2 length
to 9/16" at ends

8/16" for 1/2 length to 7/16 at ends

Sheer Strake 40"x 15/16" for 1/2 length
Height of Alternate Reverse 14/16" at 3/4ths length
19/16" at ends

11/16" for 1/2 L to 9/16"

11/16" for 1/2 L to 9/16"

Angles 4"x4"x 9/16" for 3/5ths to 9/16"
11/16 for 1/2 L to 9/16

11/16" for 1/2 L to 9/16"

Net frames in Engine space.

11/16" for 1/2 L to 9/16"

Angle 3 1/2"x 3 1/2"x 8/16

11/16 for 1/2 L to 9/16

Intercostal plate 9/16" for 1/2 L
Angles 6"x 4"x 9/16" for 3/5ths
to 8/16" at ends

Height of Double Reverse

11/16" for 1/2 L 9/16"

Doubling under Keel for 3/5 length

11/16" for 1/2 L
to 9/16"

ARCHD McMILLAN & SON.
SHIPBUILDERS.
DUMBARTON

12/5/79
8/8/79

Rec'd 12/6/79

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