Iron S.S. "Mermaid" Sld. report No. 11.996

WILLIAM DOXFORD & SONS SHIPBUILDERS DATE 29/9/77 PALLION SUNDERLAND

Recd 1st Octr 77 J.K.

3.10.77

Midship Section

No. 102

285 × 35 × 24

Three decked iron screw steamer
To class 100 A1 Lloyds
Short full poop. T. G. Forecastle

Dimension as per rule
283.5 × 34.75 × 26.16 to keel

Rec 3/10/77 & 8/12/77

Numerals
½ Breadth 17.37
½ Girth 39.37
Depth 26.16
82.90
7.00
75.90 1 steel No. 43 × 76 under
283.5
2151.65 2nd No. 18700 under 21700

Equipment Numerals 2582

Equipment
2 Bowers 32 cwt
1 2¼
1 Stream 13
1 Kedge 6½
1 3¼
270 fathoms 1 13/16 Chain cable

Portions.
Under 11 depths to upper dk
" 15 " to middle "
" 8½ breaths

4 Deck
Lie 14 × 9/16 for ½ L.o
8/16 Ends
3 × 3 × 6/16
7 × 9/16

Stringer 60 × 9/16 for ½ L.o
33 × 9/16 Ends
3 × 3 × 6/16

Butts treble ½ L.o
Straps 14¼ × 10/16
4 × 4 × 9/16 for 3/5 L.o & 8/16 Ends
40 × 13/16 for ½ L.o
12/16 to ¾ Butts treble for ½ L.o
10/16 & 10/16 Ends Straps 16¾ × 14/16

Beams at Hatchways exceeding Six Spaces of Frame
To be Same Side as those at Main Deck

4 × 3

Two
3 × 1½

10/16 for ½ L.o
9/16 ¾
8/16 Ends

6/16 all fore & aft
6 × 3 × 8/16 one every frame
3 × 3 × 7/16
Bulbs at end of hatchways 8½ × 8/16 + 3 × 3 × 7/16

40 × 10/16 for ½ L.o
30 × 8/16 at Ends
Butts treble rib for ½ L.o
Straps 16¾ × 11/16

4 × 4 × 9/16 for 3/5 L.o
8/16 Ends

11/16 for ½ L.o
10/16 ¾ L
9/16 End

4.0

2 7/8

10/16 for ½ L.o
9/16 ¾ L
8/16 Ends

Stringer 3 × 9/16 for ½ L.o
28 × 8/16 Ends

Lap plate 9 × 8/16
5½ × 4 × 9/16 for 3/5 L.o
9/16 Ends
4 × 4 × 8/16
4 × 4 × 8/16 Hold beam of extra strength
9½ × 9/16 spaced 20 ft apart

11/16 for ½ L.o
10/16 ¾ L
9/16 Ends

Deposited 6th Feb 18-11

9.5

Frames 5 × 3 × 8/16 for 3/5 L.o
7/16 Ends 24" apart centres
Rev " 3 × 3 × 7/16 to upper & above Middle dk
alternately double in Engine & Boiler
spaces to extend through iron stringer in hold
Rivets 6¾ head
3½ heel.

10/16 for ½ L.o
9/16 ¾ L.o
8/16 Ends

3⅜

When to middle dk
in one length 3¾

12 × 13/16 for ¾ L.o

5½ × 4 × 9/16 3/5 L.o
8/16 Ends
Intercostals 9/16 for ½ L.o

11/16 for ½ L.o
10/16 ¾ "
9/16 Ends

Three Stakes
Butts treble for ½ L.o
Straps 16¾ × 11/16 & 12/16

5½ × 4 × 9/16 for 3/5 L.o & 8/16 ends

18 × 13/16 for ½ L.o
12/16 ¾
11/16 Ends

Butts treble rib with
double straps 16¾ × 9/16

8½ 8/10 for ½ L.o only

8½ × 4 × 9/16 for 3/5 L.o
8/16 Ends

8½ 9 × 8/16 for 3/5 L.o only
9/16
8/16 Ends
5½ × 4 × 9/16 for 3/5 L.o

10/16 for ½ L.o
9/16 ¾ L.o
8/16 Ends

Floors 23½ × 9/16 for ½ L.o
8/16 ¾ L
7/16 Ends

8/16

10/16 in Engine & Boiler space

3 × 3 × 7/16

11/16 for ½ L.o
10/16 ¾ "
9/16 Ends

Keel 9½ × 2½
Stem 9 × 2½
Stern Post 9 × 5
Scarphs 22½

36 × 12/16 for ½ L.o
11/16 Ends

10/16 for ½ L.o
9/16 ¾ L.o
8/16 Ends

11/16 for ½ L.o
10/16 ¾ L
9/16 Ends

10/16 for ½ L.o
9/16 ¾ L.o
8/16 Ends

Mem. If numeral is 21,700 and above, Web frames are to be fitted in Engine Space as per Sec. 26.

J.K. 3/10/77

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