

Corrections as built shown in blue. 29/3/97.

6000.

Nos 81 & 82 & 84 (AM 19.8.96)

# MIDSHIP SECTION.

SCALE  $\frac{1}{2}$ " = 1 FOOT.

LENGTH P.P. 445' 2" MO x 33' 6" MO. DEPTH

BRIDGE DECK.

18" x  $\frac{1}{2}$ " 3" keel deck, 4" in no houses.

Bridge deck Beams (under 46' long) 9" x  $\frac{1}{2}$ " on alternate frames.  
Bridge stringer plate 42" x  $\frac{1}{2}$ " angle 32" x 32" x  $\frac{1}{2}$ "  
Tie plates 18" x  $\frac{1}{2}$ "  
Short Poop stringer plate 36" x  $\frac{1}{2}$ " tie plate 15" x  $\frac{1}{2}$ " Beams built in 9" x  $\frac{1}{2}$ " on alternate frames.  
Forecastle stringer plate 30" x  $\frac{1}{2}$ " deck plates over  $\frac{1}{2}$ " thick; beams built angle 9" x 3" x  $\frac{1}{2}$ " on every frame.

Beams 12" x  $\frac{1}{2}$ " built in on alternate frames.  
at Hatch ends 12" x  $\frac{1}{2}$ " built and angle 62" x 42" x  $\frac{1}{2}$ " angle.  
In way of Hatchways and Machinery casing built angle 9" x 3" x  $\frac{1}{2}$ " on every frame.  
Deck plating  $\frac{1}{2}$ " reduced to  $\frac{1}{4}$ "

Stringer Plate 64" x  $\frac{1}{2}$ " for  $\frac{1}{2}$  length to 51" x  $\frac{1}{2}$ " at ends.  
Extra  $\frac{1}{2}$ " for  $\frac{1}{2}$  length.  
Angles 5" x 5" x  $\frac{1}{2}$ " for  $\frac{1}{2}$  length reduced to  $\frac{1}{4}$ ".

Side plating of Poop, Bridge, and Forecastle  $\frac{1}{2}$ " double lapping edges.

Double straps for  $\frac{1}{2}$  L. upper straps  $\frac{1}{2}$ " under  $\frac{1}{2}$ "

Shroudstrake 46" x  $\frac{1}{2}$ " for  $\frac{1}{2}$  length reduced to 18" x  $\frac{1}{2}$ " at ends.  
Double built straps double rivetted with 1 Rivet to shroudstrake.  
Double built straps double rivetted with 1 Rivet to shroudstrake.

2" extra for  $\frac{1}{2}$  length.

Double straps, triple rivetted. Shroudstrake 18" x  $\frac{1}{2}$ " under  $\frac{1}{2}$ "

Shell  $\frac{1}{4}$ " for half length reduced to  $\frac{1}{8}$ "

MAIN DECK.

Beams 12" x  $\frac{1}{2}$ " built in on alternate frames.  
at Hatch ends 12" x  $\frac{1}{2}$ " built and angle 62" x 42" x  $\frac{1}{2}$ " angle.  
In way of Hatchways and Machinery casing built angle 9" x 3" x  $\frac{1}{2}$ " on every frame.  
Deck plating  $\frac{1}{2}$ " reduced to  $\frac{1}{4}$ "

Stringer plate 64" x  $\frac{1}{2}$ " for  $\frac{1}{2}$  length reduced to 51" x  $\frac{1}{2}$ "  
Butts treble rivetted for  $\frac{1}{2}$  length.  
Angles 4" x 4" x  $\frac{1}{2}$ " for  $\frac{1}{2}$  length reduced to  $\frac{1}{4}$ ".

Hold pillars 6" x  $\frac{1}{4}$ " or solid 4" diam.  
Shroudstrake 4" x  $\frac{1}{4}$ " 3"

Quarter pillars on all beams for  $\frac{1}{4}$  length

Side stringer plates 26" broad and same thickness as frames.  
Angle pieces next shell plating 32" x 32" x  $\frac{1}{2}$ " for  $\frac{1}{2}$  length reduced to  $\frac{1}{4}$ "  
Main stringer angles 62" x 42" x  $\frac{1}{2}$ "  
Web frames in Machinery space plate same as side stringer plate with double 4" x 4" x  $\frac{1}{2}$ " angles on inner edge.

as built  
17" x 3 1/2" x 1/2" 1/2" 1/2"  
13 1/2" 11 1/2" 7 1/2" x 3 1/2" x 1/2" 1/2"  
11 1/2" 6 1/2" x 3 1/2" x 1/2" 1/2"  
Ref for 8 x 3 1/2" x 1/2" 1/2"  
2 1/2"

1/2 Girth 54" x 2"  
1/2 Beam 24" x 4"  
depth 34" x 6"  
113" - 3"  
106" - 3"  
106.25 x 443 = 47069

Equipment

113.1 x 443 = 50140  
1/2 x 180 x 50140 = 2580  
52720

Two Bower anchors 462 ex stock  
Two " 43 "  
One stream 16 3/4 "  
One hedge 82 "  
240 fms 2 1/2" cable  
90 " 5" steel hawser  
120 " 5 1/4 " "  
90 " 4 " "  
90 " 3 1/4 " "

Beams in way of Ballast Tank and steel plated lower decks forward and aft.  
of built angle 9" x 3" x  $\frac{1}{2}$ " on every frame.  
plated over inside stringer plates with  $\frac{1}{2}$ " plate.

Stem 12" x 3 1/2"  
Stern post 12" x 1 1/2"  
Rudder 102" diam.  
Frames for  $\frac{1}{2}$  length 62" x 32" x  $\frac{1}{2}$ " reduced to  $\frac{1}{4}$ " spaced 30 inches.  
Frames in Tank 32" x 32" x  $\frac{1}{2}$ "  
Reverse outside tank same scantling as frames  
Reverse in Tank same scantling as frames in tank  
Reverse in way of steel plated lower decks forward and aft 4" x 4" x  $\frac{1}{2}$ "  
Bulkheads 820 to 720 stiffened as required by Rules

all to upper deck for  $\frac{1}{2}$  length.  
to main and upper decks forward and aft  
alternately to upper deck and Forecastle deck.

Floors 48" deep at middle line carried to height of 84" at bilges.  
20" thick for half length reduced to  $\frac{1}{2}$ " Floors under Boiler space 10" iron.

Tank top plating Centre strake 20" reduced to  $\frac{1}{2}$ "  
In Engine space 20" at ends and 20" elsewhere.  
In Boiler space 10" iron.  
Remainder inner strakes 20" reduced to  $\frac{1}{2}$ "  
Outer strakes 20"  
Vertical angles and fore & aft angles on girders 32" x 32" x  $\frac{1}{2}$ " reduced to  $\frac{1}{4}$ "

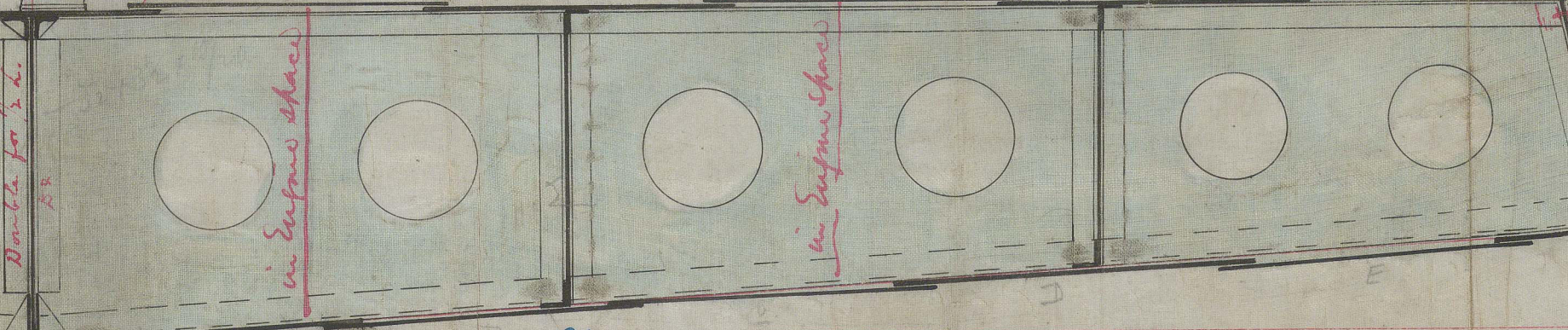
Rivetting  
Longitudinal seams double rivetted

Butts of top sides strapped with plates  $\frac{1}{2}$ " thicker than plates for  $\frac{1}{2}$  length and  $\frac{1}{2}$ " thicker at ends, and treble rivetted throughout with back row of rivets spaced 5 to 5 1/4 diameters apart.  
Butts of keel plate rivetted as per section 20.  
Remainder of shell, built lapped and treble rivetted.

(84) 17 1/2" x 12" x 1/2"  
15 1/2" x 12" x 1/2"  
10 half length angled straps tapered gradually to ends

Three strakes 20" extra all fore & aft.  
2 others 24" extra all to 12" at ends.

Angles 4" x 4" x  $\frac{1}{2}$ " for  $\frac{1}{2}$  length reduced to  $\frac{1}{4}$ " thick.  
Plate 20" for  $\frac{1}{2}$  length reduced to  $\frac{1}{4}$ "  
Angles 62" x 42" x  $\frac{1}{2}$ " for  $\frac{1}{2}$  length reduced to  $\frac{1}{4}$ " thick



Keel plate 36" x  $\frac{1}{2}$ " for  $\frac{1}{2}$  length to 12" or 3/8" 10" reduced to  $\frac{1}{2}$ "  
doubled for half length 11" x 12"  
Starboard strake 36" x  $\frac{1}{2}$ " for  $\frac{1}{2}$  length reduced to  $\frac{1}{4}$ "

Shell plating entirely airtight tank added 20"

4/3/96

22/3/96

9 FEB. 96



S.S. "Kawachi Maru" Glasgow Report 15722  
 S.S. "Sanuki Maru" — do — 15296.  
 S.S. "Lamba Maru" — do — 15557.

RECEIVED  
 MAR. 96

RECEIVED  
 15 AUG. 96  
 LLOYD'S REGISTER OF SHIPPING

LLOYD'S REGISTER OF SHIPPING  
 18 MAR 1896  
 LONDON

LLOYD'S REGISTER OF SHIPPING  
 1 MAY 1896  
 LONDON

RECEIVED  
 18 JUN 1897  
 LLOYD'S REGISTER OF SHIPPING

Robert Clarke & Co  
 81 x 82

GLS261-0030