

# MIDSHIP SECTION

SCALE  $\frac{1}{2}$  INCH = 1 FOOT

33' 6" x 45' 3" x 28' 5" DM

POOP & FORECASTLE DECKS  
BEAM BULB ANGLE  $6\frac{1}{2} \times 3 \times \frac{9}{20}$  ON EVERY FRAME.  
BEAM BULB TEES  $8 \times 5 \times \frac{9}{20}$  UNDER WINDLASS.  
IRON DECK  $\frac{5}{16}$   
STRINGER ANGLE  $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{7}{20}$

BRIDGE DECK  
STRINGER PLATE  $60 \times \frac{7}{20}$   
ANGLE  $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{8}{20}$   
BEAM BULB ANGLE  $6\frac{1}{2} \times 3 \times \frac{9}{20}$  IN NO 242.  
ON EVERY FRAME  
STEEL DECK  $\frac{8}{20}$

9 x 3 x 12/20 . 48" dia . 240  
213 dk platy wood  
Shank in 2nd  
3"

BRIDGE DECK

UNDER 46 FT

Q  $\frac{9}{20}$

KNEES  $\frac{8}{20}$   
 $\frac{1}{2}$  TIMES DEPTH OF BEAM.  
 $\frac{7}{8}$  RIVETS

SINGLE LAP

DOUBLE FOR 20 FT  
AT EACH END

BULWARK  $\frac{4}{16}$

DOUBLE LAP

OVERLAP BUTTS QUADRUPLE RIVETED FOR  $\frac{1}{2}$  LENGTH  
TREBLE RIVETED AT ENDS.

SPAR DECK  
STRINGER PLATE  $60 \times \frac{10}{20}$  TO  $40 \times \frac{8}{20}$   
ANGLE  $4 \times 4 \times \frac{9-8}{20}$   
BEAM BULB ANGLE  $6\frac{1}{2} \times 3 \times \frac{11}{20}$  ON EVERY FRAME

BEAM BULB  $11 \times \frac{10}{20}$  + ANGLE  $5 \times 4 \times \frac{9}{20}$  AT HATCH ENDS.  
STEEL DECK  $\frac{7-6}{20}$  INCREASED IN WAY OF HATCHES.

SPAR DECK

UNDER 46 FT

N  $\frac{12-9}{20}$

KNEES  $\frac{1}{20}$   
 $\frac{1}{2}$  TIMES DEPTH OF BEAM.  
 $\frac{3}{4}$  RIVETS

MAIN DECK  
STRINGER PLATE  $60 \times \frac{10}{20}$  TO  $40 \times \frac{8}{20}$   
ANGLE  $4 \times 4 \times \frac{8-8}{20}$   
BEAM BULB ANGLE  $9 \times 3 \times \frac{11}{20}$  ON EVERY FRAME

BEAM BULB  $11 \times \frac{10}{20}$  + ANGLE  $5 \times 4 \times \frac{10}{20}$  AT HATCH ENDS.  
STEEL DECK  $\frac{7-6}{20}$  INCREASED IN WAY OF HATCHES.

MAIN DECK

UNDER 46 FT

L  $\frac{12-9}{20}$

KNEES  $\frac{1}{20}$   
 $\frac{1}{2}$  TIMES DEPTH OF BEAM.  
 $\frac{7}{8}$  RIVETS

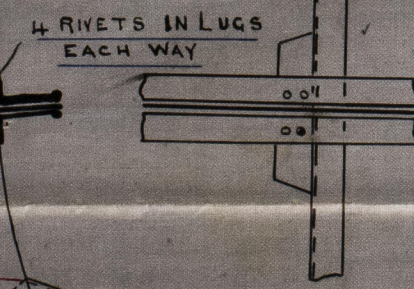
FRAMES TOPS BULB ANGLE  $9 \times 3\frac{1}{2} \times \frac{10}{20}$  FOR  $\frac{1}{2}$  LENGTH  
 $\frac{9}{20}$  AT ENDS SPACED 24 APART  
FRAMES ON BRACKETS  $7 \times 3\frac{1}{2} \times \frac{8}{20}$  FOR  $\frac{1}{2}$  LENGTH  $\frac{1}{20}$  AT ENDS  
FRAMES ON BULKHEADS  $5\frac{1}{2} \times 3\frac{1}{2} \times \frac{8}{20}$  FOR  $\frac{1}{2}$  LENGTH  $\frac{1}{20}$  AT ENDS  
BULKHEADS UPPER PLATING  $\frac{8}{20}$  LOWER PLATING  $\frac{1}{20}$  STIFFENERS  $6\frac{1}{2} \times 3 \times \frac{11}{20}$   
BULB ANGLES SPACED 4 FT APART VERTICALLY + HORIZONTALLY  
FORGINGS STEEL  $11 \times 2\frac{1}{2}$  SCREW FRAME  $11 \times 6\frac{1}{2}$  RUDDER POST 9 DIA  
HEEL  $7 \times 4\frac{1}{2}$  PINTLES  $4\frac{1}{2}$  DIA

BUTTS OF ALL SHELL OVERLAPPED + TREBLE RIVETED FORE + AFT  
QUADRUPLE WHERE OVER RULE WIDTH  
BOSS PLATES + PLATES ABOVE + BELOW TO BE  $\frac{8}{20}$  THICKER  
THAN MIDSHIP PLATING  
REMAINDER OF PLATING CONNECTED TO SCREW FRAME TO  
BE THE SAME THICKNESS AS MIDSHIP PLATING

## LLOYDS NUMERALS

HALF BEAM MOULDED	22-6	TO MT 7 FT BELOW
DEPTH OF HOLD & FLOORS	22-4	SPAR DECK
HALF GIRTH	40-7	
FRAME NUMBER	85-5	
LENGTH	335-8	
PLATING NUMBER	28680	
EQUIPMENT NUMBER	35420	
DEPTHS IN LENGTH	11-45 + 15-92	
BEAMS IN LENGTH	7145	
CLASS 100 A1 SPAR DECK RULE		
ALL SCANTLING OF STEEL EXCEPT		
WHERE OTHERWISE SPECIFIED		

4 RIVETS EACH WAY  
INTERCOSTAL STRINGERS  
PLATE  $19 \times \frac{10}{20}$   
BULB ANGLE  $10 \times 3\frac{1}{2} \times \frac{13-13}{20}$   
SHELL LUGS  $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{10-9}{20}$



H  $\frac{13-10}{20}$

J  $\frac{12-9}{20}$

23 TIMES ORDINARY FLOOR

12-10

20

8/20 KNEES

FLANGED

F 13-10

20

TANK TOP IN HOLDS  $\frac{9-8}{20}$  IN E SPACE  $\frac{10}{20}$  IN B SPACE  $\frac{11}{20}$

SINGLE

SINGLE

2-6

2-6

FLANGED

FLANGED

E 11-9

20

D 12-9

20

C 11-9

20

B 12-11

20

A 12-12

20

MARGIN PLATE  $36 \times \frac{8}{20}$   
ANGLE  $4 \times 4 \times \frac{9}{20}$

CENTRE PLATE  $42 \times \frac{10-8}{20}$

4 x 4 x  $\frac{9-8}{20}$

CENTRE KEEL SON

$42 \times \frac{10}{20}$

LUGS DOUBLE ON

FLOORS FOR  $\frac{1}{2}$  LENGTH

$6\frac{1}{2} \times 4 \times \frac{9-8}{20}$

INCREASED TO 20 IN

LIEU OF DOUBLING

DOUBLE BUTTSTRAPS

LARGE AND QUADRUPLE RIVETS

FURNESS, WITHEY & CO. LIMITED.

SHIPBUILDERS & REPAIRERS, 2020

WEST HARTLEPOOL.

12/7/98  
Foundation  
HPL385-0124



Furness Wilby & Co  
Lim. No 242

undec suppress

"Daltonhall"

W. H. pool. Report

No. 10894.

Sister vessel Co

L. Defama  
Apr 10870

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