

Swan Hunter & Wigham Richardson Ltd

S. S. N° 1075 MIDSHIP SECTION

Standard Ship Type B
with special framing

TO CLASS 100 A1 AT LLOYDS

SCALE 1/2" = 1 FOOT

RIVETING TABLES

SHELL KEEL BUTTS OVERLAPPED AND 4R WHERE OVER 1/4 REMAINDER 3R.
BUTTS OF A TO E STRAKES OVERLAPPED 4R FOR 1/2L REMAINDER 3R EXCEPT
WHERE STRAKES ARE 8" WIDE WHEN BUTTS ARE TO BE 5R FOR 1/2L.
BUTTS OF E TO H STRAKES OVERLAPPED 4R.

J STRAKE OVERLAPPED 4R WHERE OVER 6R REMAINDER 3R.
T 3R IN WAY OF BRIDGE
SHEER STRAKE 5R WHERE OVER 8R FOR 1/2L AND OUTSIDE
1/2L 4R 1/2L TO 3R AT ENDS
3R IN WAY OF BRIDGE

BRIDGE SIDE PLATING OVERLAPPED 4R WHERE FITTED IN ONE STRAKE
4R IN WAY OF BRIDGE
POOP & FORECASTLE 2R

SHELL LANDINGS 2R ALL FORE & AFT EXCEPT IN POOP & FORECASTLE,
WHICH ARE 1R

DECK'S UPPER DECK STRINGER BUTTS OVERLAPPED 4R WHERE OVER 5R
REMAINDER 3R BUTTS 3R IN WAY OF BRIDGE
THE TWO UPPER DECK STRAKES JOINING STRINGER BUTTS OVERLAPPED 6R
WHERE OVER 4R OUTSIDE BRIDGE OVERLAPPED 5R IN WAY OF BRIDGE
OVERLAPPED 4R OUTSIDE 1/2L WHERE OVER 4R

REMAINDER SINGLE
REMAINDER OF DECK BUTTS OVERLAPPED 4R FOR 1/2L TO 1R AT ENDS
LANDING EDGES 1R
BRIDGE STRINGER BUTTS OVERLAPPED 4R
PLATING 2R
POOP & FORECASTLE STRINGER BUTTS OVERLAPPED 4R
PLATING 1R

DOUBLE BOTTOM CENTRE STRAKE BUTTS OVERLAPPED 4R FOR 1/2L WHERE OVER 4R
REMAINDER 2R
PLATING BUTTS OVERLAPPED 4R FOR 1/2L REMAINDER 1R AT ENDS
MARGIN PLATE BUTTS OVERLAPPED 4R FOR 1/2L REMAINDER 1R AT ENDS
CENTRE GIRDER BUTTS OVERLAPPED 4R FOR 1/2L

RIVETS IN SHELL BUTTS & LANDING EDGES
KEEL RIVETS TO BE 1/8" DIA. WHERE PLATING IS OVER 1/8" REMAINDER TO BE 1/16"

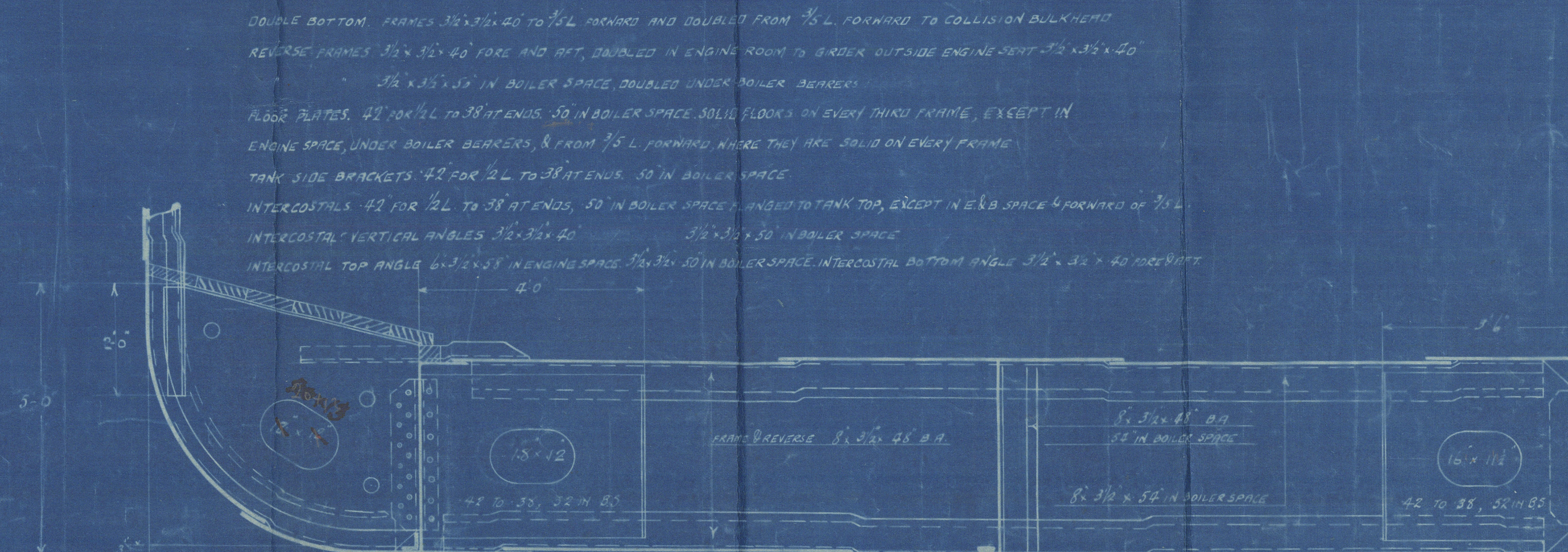
SHELL RIVETS TO BE 1/8" DIA. WHERE PLATING EXCEEDS 1/8" DIA. WHERE PLATING
IS OVER 1/8" & NOT EXCEEDING 1/8" DIA. WHERE PLATING IS 1/8" UNLESS

UPPER DECK RIVETS THROUGH BUTTS & LANDINGS OF STRINGER & JOINING STRAKE
IN WELLS TO BE 1/8" DIA. WHERE PLATING IS OVER 1/8" AND RIVETS THROUGH
BEAMS TO BE 1/16" DIA. WHERE PLATING IS OVER 1/8"

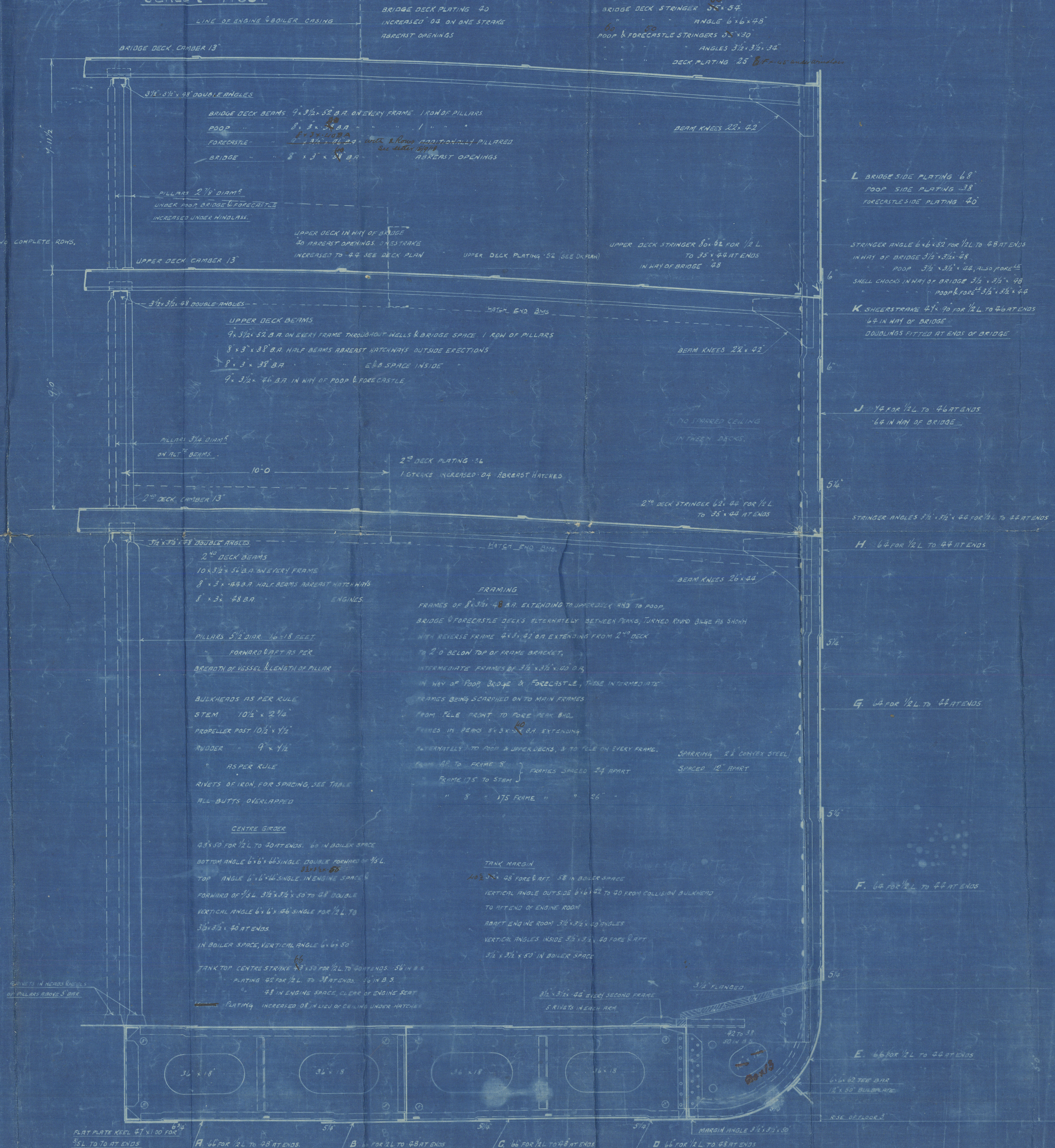
2ND DECK STRINGER BUTTS OVERLAPPED 4R FOR 1/2L AND AFT
PLATING BUTTS OVERLAPPED 2R FOR 1/2L TO 1R AT ENDS
LANDING EDGES 1R FOR AFT

NOTE! WHERE IT IS DESIRED TO USE 1/8" RIVETS INSTEAD OF 3/16" RIVETS, THE
SAME SPACING (IN DIAMETERS) MAY BE ADOPTED

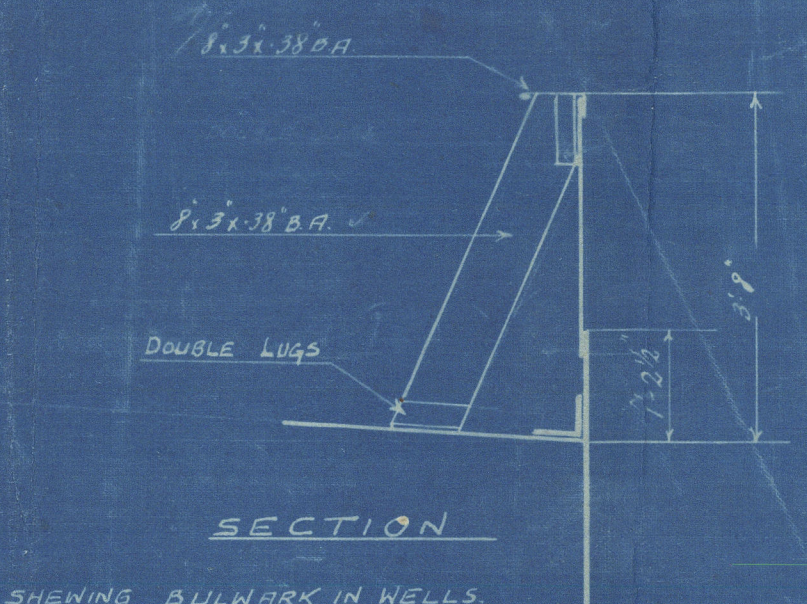
	DIAMETER OF RIVET			
	3/16"	1/8"	1"	1 1/2"
RIVETS THROUGH SIDE FRAMES & SHELL 1/2 DIAM. C ⁵ TO C ⁵				
DOUBLE BOTTOM				
RIVETS THROUGH FRAMES TO SHELL 1/2 DIAM. C ⁵ TO C ⁵	5 1/2"			
FROM 1/2L FORWARD 5 1/2 DIAM. C ⁵ TO C ⁵	5 1/2"			
FLOORS 1/2 DIAM. C ⁵ TO C ⁵ 5 1/2 DIAM. C ⁵ TO C ⁵	5 1/2"			
FROM 1/2L FORWARD 5 1/2 DIAM. C ⁵ TO C ⁵	5 1/2"			
6 SHELL AT W.T. DIVISIONS 4 1/2 DIAM. C ⁵ TO C ⁵	5 1/2"			
REVERSES TO FLOORS & TANK TOP 1/2 DIAM. C ⁵ TO C ⁵	5 1/2"			
AT W.T. DIVISIONS 4 1/2 DIAM. C ⁵ TO C ⁵	5 1/2"			
CENTRE GIRDER BUTTS 1/2 DIAM. C ⁵ TO C ⁵	5 1/2"			
BOTTOM & TOP ANGLES STAIRS C ⁵ TO C ⁵ IN EACH ROOF	5 1/2"			
DOUBLE KEEL IN 6" 6" ANGLE	5 1/2"			
CENTRE GIRDER VERTICALS 1/2 RIVETS IN EACH FLANGE WHERE 6" 6"	5 1/2"			
5 DIAM. C ⁵ TO C ⁵ 2 1/2 1/2	5 1/2"			
TANK MARGIN OUTSIDE 1/2 RIVETS AS PER SECTION	5 1/2"			
INSIDE Y	5 1/2"			
VERTICAL ANGLES TO FLOORS & INTERCOSTALS 1/2 DIAM. C ⁵ TO C ⁵	5 1/2"			
INTERCOSTAL ANGLES TO SHELL & TANK TOP 4 RIVETS IN EACH FRAME SPACE	5 1/2"			
MARGIN ANGLES TO MARGIN PLATE 1/2 SHELL 1/2 DIAM. C ⁵ TO C ⁵	5 1/2"			
TANK MARGIN BUTTS SPACED 4 DIAM. C ⁵ TO C ⁵	5 1/2"			
TOP PLATING BUTTS & EDGES SPACED 2 DIAM. C ⁵ TO C ⁵	5 1/2"			
BULKHEADS				
RIVETS THROUGH EDGES & BUTTS OF PLATING SPACED 4 DIAM. C ⁵ TO C ⁵	5 1/2"			
STIFFENERS SPACED 1/2 DIAM. C ⁵ TO C ⁵	5 1/2"			
FRAMES TO SHELL 1/2 DIAM. C ⁵ TO C ⁵ REEL 2 COMPLETE ROWS	5 1/2"			
BULKHEAD DECK & TANK TOP 1/2 DIAM. C ⁵ TO C ⁵	5 1/2"			
DECK'S				
RIVETS THROUGH DECK PLATING TO BEAMS 1/2 DIAM. C ⁵ TO C ⁵	5 1/2"			
LANDING 1/2	5 1/2"			
BUTTS 4	5 1/2"			
UPPER DECK STRINGER BUTTS SPACED 3/4 DIAM. WHERE 3R	5 1/2"			
4	5 1/2"			
ANGLE IN WELLS 1/2 C ⁵ TO C ⁵ REEL 4	5 1/2"			
BRIDGE 1/2 DIAM. C ⁵ TO C ⁵ IN EACH ROOF RUN	5 1/2"			
POOP & FORECASTLE 1/2	5 1/2"			
2 ND DECK PLATING 4 DIAM. C ⁵ TO C ⁵	5 1/2"			
LANDINGS 4 DIAM. C ⁵ TO C ⁵	5 1/2"			
SHELL				
RIVETS THROUGH BUTTS SPACED 3/4 DIAM. C ⁵ TO C ⁵ WHERE 3R & 2R	5 1/2"			
4	5 1/2"			
4	5 1/2"			
4	5 1/2"			
LANDINGS 4	5 1/2"			
FORWARD & AFT	5 1/2"			
IN EACH FRAME SPACE 1/2 IN NUMBER IF 1/2 RIVETS	5 1/2"			
6	5 1/2"			
1	5 1/2"			
5	5 1/2"			
1/2	5 1/2"			
CHALLENGE OF DECK STRINGERS 4 IN NUMBER IN EACH FRAME SPACE	5 1/2"			



SECTION AT BRACKET FLOOR
SOLID FLOORS ON EVERY THIRD FRAME



NOTE - 3 STRAKES OF PLATING TO HAVE MIDSHIP THICKNESS
CARRIED FORWARD TO COLLISION BULKHEAD



NUMERALS	
BREADTH MOULDED	52' 0"
DEPTH	31' 0"
TRANSVERSE NUMERAL	63' 0"
LENGTH	200' 0"
LONGITUDINAL NUMERAL	332000
10 UPPER DECK	12 40
40 BRIDGE DECK	10 20
1	18 40

EQUIPMENT NUMERALS	
HULL - (52' x 31') x 400'	33200
POOP BRIDGE & FORECASTLE	1200
DECKHOUSE 31' x 11' 1/2	189
	34589

EQUIPMENT	
2 BOW ANCHORS 60 CHTS STOCKLESS	
1	50 1/2
1 STREAM	16 1/2
1 KEDGE	7
210 FATHOMS 2 1/2" STUD LINK CHAIN CABLE	
90	1 1/2
120	1 1/2
2 OFF 90	8
2 - 90	4

STEEL SECTIONS	
COMPLETE LIST OF SECTIONS USED	
BULL ANGLE	
7 1/2 x 3 1/2	
10 x 3 1/2	
6 x 3 1/2	
6 x 6	
3 1/2 x 3 1/2	
3 x 3	

Swan Hunter & Wyham Richardson

SS 1075

Standard B Type

Midship Section as built

420

W. M. & A. Westminister

See alterations on sheet 1001
See as built
"Midcrest"

S. S. DACRE CASTLE
NEWCASTLE ON TYNE.

Report No. 41746.

5/16



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Lloyd's Register
W1151-0281
Foundation