

# LLOYDS DIMENSIONS.

LENGTH FROM FORE SIDE OF STERN POST TO AFTER SIDE OF STEM 327' 10"  
BREADTH MOULDED 46' 9"  
DEPTH TO SKIN ASSUMING 11 3/4" ROUNDED UP OF BEAM 27' 10 1/2"  
DEPTH TO LENGTH 11 3/4" 11 to 12  
BREADTH TO LENGTH 11 3/4" 7 to 8

# MIDSHIP SECTION

## DIMENSIONS.

LENGTH B.P. 330' 0" BREADTH E. 47' 0" DEPTH M.D. 26' 5".  
TO CLASS 100-A.1. AT LLOYDS THREE DECK RULE.

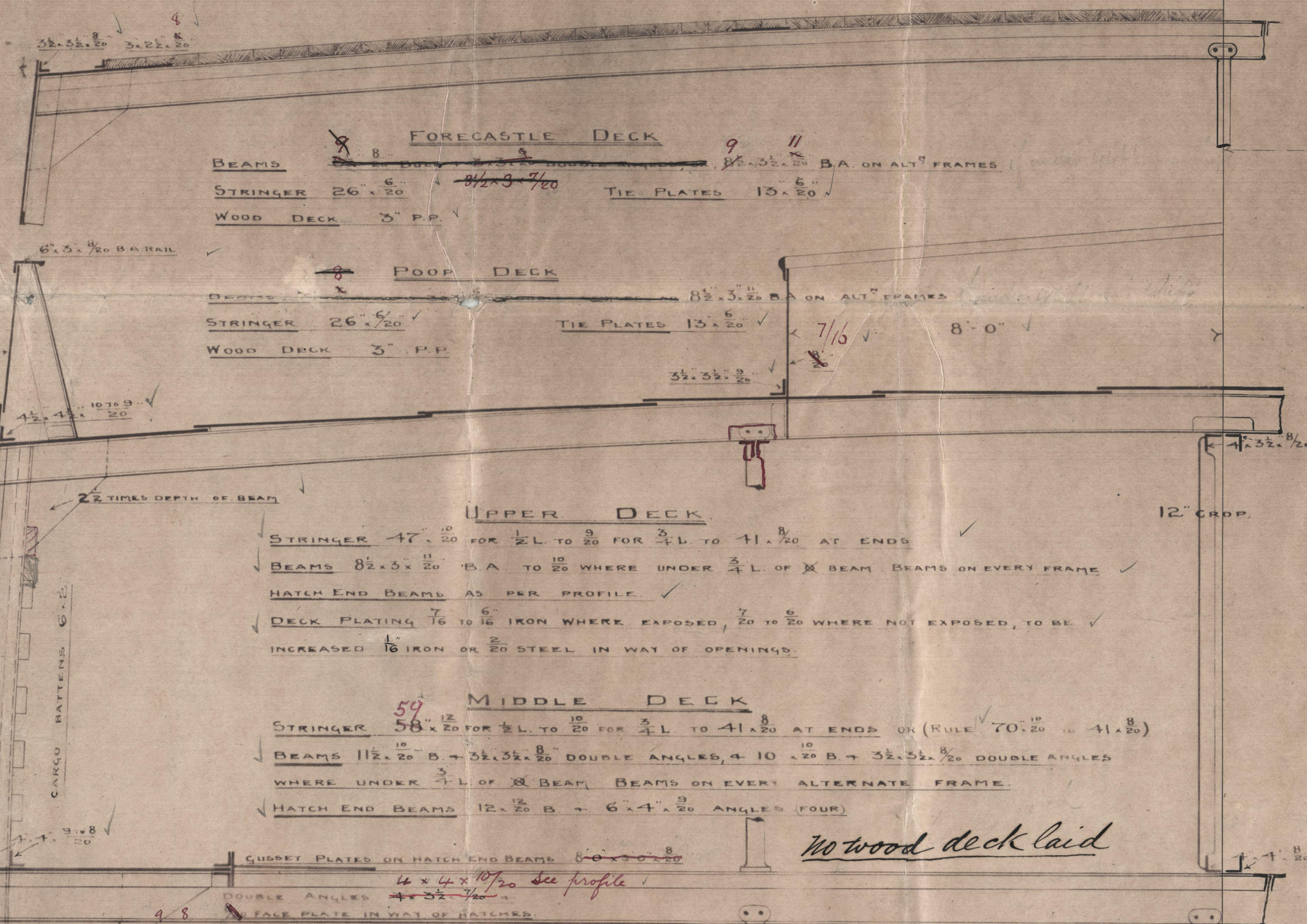
1/2" SCALE.

## EQUIPMENT

ERECTOR'S POOP 27' 0" BRIDGE 76' 0" FCSL 34' 8" TOTAL 137' 8"  
PROPORTION OF ERECTIONS TO LENGTH 137' 8" / 327' 10" = 41.8%  
EQUIPMENT N° 23755 GRADES 32820 AND UNDER 35450

## LLOYDS NUMERALS

1/2" GIRTH 47' 00"  
1/2" BREADTH 23' 37"  
DEPTH 27' 10 1/2"  
97' 8"  
7' 00"  
90' 8" 1/2" N° GRADES 85/91  
327' 83" LLOYDS LENGTH  
29780 = 2" N° GRADES 28700 / 31200



**SECTION THRU E & B SPACE.**  
ORDINARY FRAMING FRAMES 5" x 3 1/2" x 20" REVERSE FRAMES 4" x 3 1/2" x 20" TO EXTEND TO UPPER DECK AND STRINGER NEXT BELOW ALTERNATELY  
WEB FRAMES 18" x 20" FOUR SPACED APART  
INTERCOSTALS 18" x 20"  
DIAMOND PLATED 36" x 20" x 20"

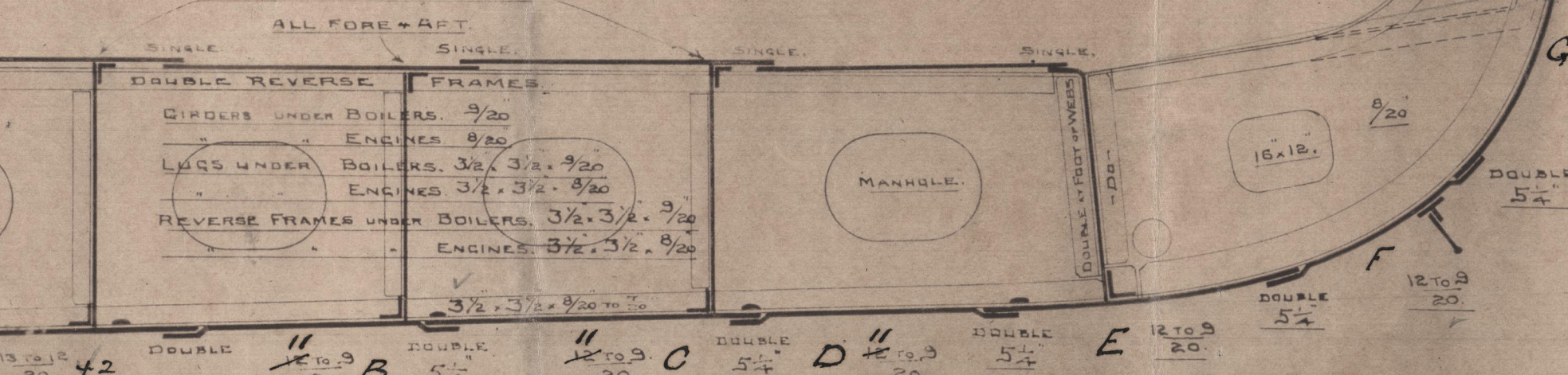
BULKHEADS LOWER HALF 3/4" UPPER HALF 5/8"  
STIFFENED AS PER RULE

**PILLARS**  
FROM TANK TOP TO UPPER DECK 1 1/2"  
MIDDLE DECK 1"  
TUNNEL 3 1/2"  
MIDDLE DECK TO UPPER DECK 3"  
TWEEN DECKS 2 1/2"  
QUARTER PILLARS 8" 0" APART FOR 3/4" L

**FORGINGS.**  
STERN FRAME 11" x 6 1/2" x 20" STEM 11" x 20"  
RUDDER FRAME HEAD 8" x 20" PINTLES 4" x 20" MAIN PIECE AT HEEL 6 1/2" x 4 1/2"

**RIVETING.**  
UPPER DECK STRINGER TREBLE RIVETED OVERLAPS THROUGHOUT  
MIDDLE DECK STRINGER PLATE BUTTS TREBLE RIVETED OVERLAPS THROUGHOUT  
BRIDGE, POOP, FORECASTLE DECK STRINGER DOUBLE RIVETED OVERLAPS THROUGHOUT  
UPPER DECK PLATING BUTTS DOUBLE RIVETED FOR 1/2" L SINGLE AT ENDS  
BRIDGE DECK PLATING SINGLE RIVETED OVERLAPS THROUGHOUT  
SHELL PLATING BUTTS TREBLE RIVETED OVERLAPS THROUGHOUT  
SHELL OVERLAPS TO HAVE THREE COMPLETE ROWS OF RIVETS SPACED 3 1/2" DIA. APART  
RIVETS IN MIDDLE MAIN DECK STRINGER BUTTS SPACED 3 1/2" DIA. APART  
RIVETS IN BUTTS ELSEWHERE EDGES SPACED 4" TO 4 1/2" DIA. APART

## UNDER ENGINES ONLY



R. CRAGGS & SONS  
SHIPBUILDERS & REPAIRERS  
TEES DOCKYARD  
MIDDLESBROUGH-ON-TEES

NOTE: IN LIEU OF DOUBLING KEEL FOR 1/2" L WE PRODUCE THE FOLLOWING VIZ:  
INCREASING KEEL 1/20 FOR 1/2" L CARBOARD STRAKE 1/20 FOR 1/2" L CENTRE GIRDER 1/20 FOR 1/2" L  
*Keel plate double strapped and lapped and quadruple riveted*

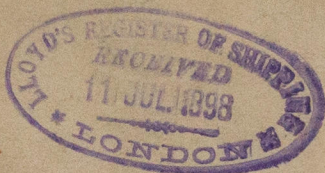
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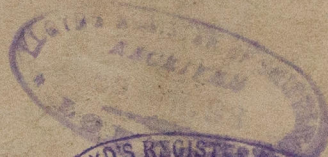
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Midship Section



S/S "Broadgarth"  
Report No 2499

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