

TRACING NO.....462

S.S. N°12
MIDSHIP SECTION

TO CLASS 100 A.1 STEEL
RAISED QUARTER D⁵ RULE
SCALE $\frac{1}{2}$ IN = 1 FOOT

NUMERALS

1/2 BEAM..... 19.42
1/2 GIRTH..... 38.00
DEPTH..... 22.50

1ST N^o 79.92 x 292.33 = 23363 = 2ND N^o

| | | | |
|--------|----|--------|------|
| DEPTHS | TO | LENGTH | 12.9 |
| BEAMS | TO | DO | 7.5 |

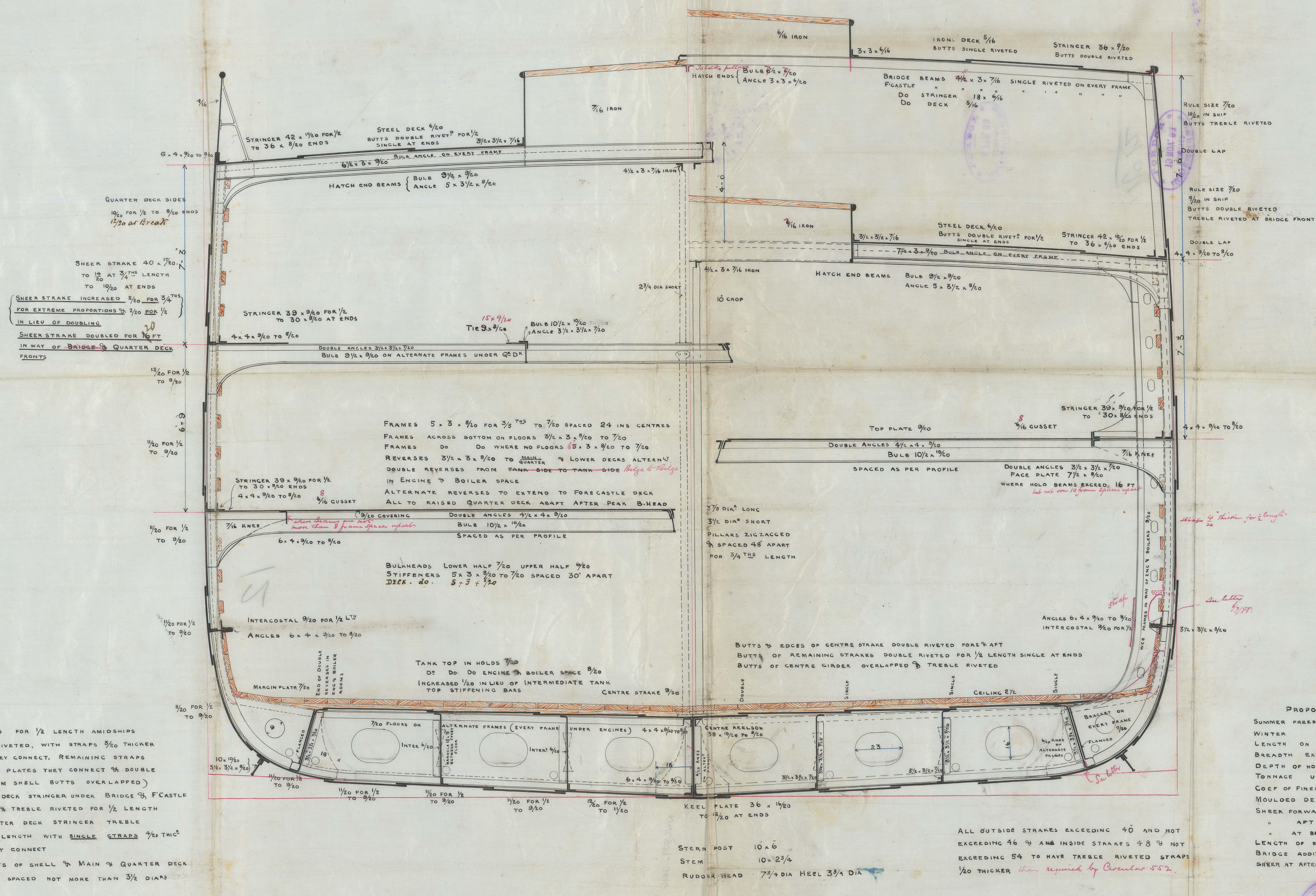
EQUIPMENT

23363

2628 = 90% OF ERECTIONS

~~2599~~ - EQUIPMENT NUMBER

| | | | | | | |
|----------|--------------------------------|----------|-----|---------|-------------------------------|--------------|
| 2 BOWERS | 32 CWT | EX STOCK | 270 | FATHOMS | 1 ³ / ₄ | CABLE |
| 1 Do | 27 ¹ / ₄ | " " | 75 | DO | 1 ³ / ₄ | STREAM CHAIN |
| 1 STREAM | 10 ¹ / ₂ | " " | 90 | DO | 12 IN | HEMP HAWSER |
| 1 KEDGE | 5 ¹ / ₄ | " " | 90 | DO | 9 ¹ / ₂ | WARD |
| 1 Do | 2 ¹ / ₂ | " " | 90 | DO | 7 ¹ / ₂ | DOOP |



ALL SHELL BUTTS FOR 1/2 LENGTH AMIDSHIPS
TO TREBLE RIVETED, WITH STRAPS 3/80 THICKER
THAN PLATES THEY CONNECT. REMAINING STRAPS
3/80 THICKER THAN PLATES THEY CONNECT & DOUBLE
RIVETED (BOTTOM SHELL BUTTS OVERLAPPED)
BUTTS OF MAIN DECK STRINGER UNDER BRIDGE & F CASTLE
TO BE OVERLAPPED & TREBLE RIVETED FOR 1/2 LENGTH
BUTTS OF QUARTER DECK STRINGER TREBLE
RIVETED FOR 1/2 LENGTH WITH SINGLE STRAPS 7/80 THIC
THAN PLATES THEY CONNECT
RIVETS IN BUTTS OF SHELL & MAIN & QUARTER DECK
STRINGERS TO BE SPACED NOT MORE THAN 3 1/2 DIARS
APART CENTRES.

BOSS PLATING $\frac{1}{20}$ THICKER THAN MIDSHIP PLATING
 & BUTTS TREBLE RIVETED
 SHELL PLATING ON STERNPOST TO BE $\frac{1}{2}$ THICKNESS

ALL OUTSIDE STRAKES EXCEEDING 40 AND NOT
EXCEEDING 46 & AND INSIDE STRAKES 48 & NOT
EXCEEDING 54 TO HAVE TREBLE RIVETED STRAPS
1/20 THICKER *than required by Circular 552.*

PROPOSED FREEBOARD

| | |
|---|----------|
| SUMMER FLEESBOARD FROM TOP OF STRINGER PLT | 1-10 |
| WINTER DP " " " " " " | 2-0 1/2 |
| LENGTH ON WATERLINE " " " " " " | 294.0 |
| BREADTH EXTREME " " " " " " | 39.0 |
| DEPTH OF HOLD TO CELLULAR BOTTOM " " " " " " | 19.33 |
| TONNAGE UNDER DECK (Above) " " " " " " | 779 TONS |
| COEF OF FINENESS TO CELL ² BOT ² = '80 - OR = | .778 |
| MOULDED DEPTH " " " " " " | 21.8 |
| SHEER FORWARD " " " " " " | 8-0 |
| " AFT " " " " " " | 3-0 |
| " AT BRIDGE FRONT " " " " " " | 3-3 |
| LENGTH OF ERECTIONS 9/10 ^{THS} OF LENGTH | |
| BRIDGE ADDITIONALLY STRENGTHENED AS PER SECTION | |
| SHEER AT AFTER END OF FORECASTLE | 5-4 |

3/9/88

Weld

SHELL PLATING ON STEERNPOST TO BE $\frac{1}{8}$ THICKNESS
 BUTTS TREBLE RIVETED

BOSS PLATING $\frac{1}{80}$ THICKER THAN MIDSHIP PLATING
 BEHIND TRANS

AND $\frac{1}{8}$ INCH FROM TOP CORNER OF DECK BEHIND TRANS

TRANSVERSE PLATING WITH HORIZONTAL $\frac{1}{4}$ INCH DETAIL

LIBERTY AND TRANSVERSE USED RETRAINED TO STUBS

WELDED $\frac{1}{4}$ INCH DETAIL LIBERTY AND RETRAINED TO STUBS

TO $\frac{1}{80}$ FOR $\frac{1}{8}$ INCH DETAIL

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TO $\frac{1}{80}$ FOR $\frac{1}{8}$ INCH DETAIL

12

INTERCOSTAL $\frac{3}{16}$ FOR $\frac{1}{8}$ L₁₀

$\frac{1}{8}$ x $\frac{1}{4}$ x $\frac{3}{16}$ TO $\frac{1}{16}$

see from above deck

$\frac{1}{8}$ CURVED

4 x 4 x $\frac{3}{16}$ TO $\frac{1}{16}$
 TO 30 x $\frac{3}{16}$ ENDS
 STRINGERS 30 x $\frac{3}{16}$ FOR $\frac{1}{8}$

TOP STIFFENING BARS
 INCREASED $\frac{1}{80}$ IN LENGTH OF INTERMEDIATE TANK
 DO DO DO ENGINE BOILER SPACE $\frac{3}{16}$
 TANK TOP IN HOLDS

DECK . 40. 2-3 x $\frac{1}{16}$
 STIFFENERS 2 x 2 x $\frac{3}{16}$ TO $\frac{1}{16}$ SPACED 30. APART
 BULKHEADS LOWER HALF $\frac{1}{80}$ UPPER HALF $\frac{3}{16}$

SPACED AS PER PROFILES

BULB 10 x $\frac{1}{16}$ x $\frac{3}{16}$

DOUBLE ANGLES 4 x 4 x $\frac{3}{16}$

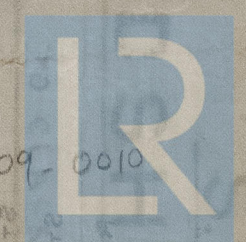
ALL TO RAISED QUARTER DECK ABOVE WATER LINE BULKHEADS
 ALTERNATE REVERSED TO EXTEND TO FORECASTLE DECK
 IN ENGINE BOILER SPACE

DOUBLE REVERSED FROM TRANSVERSE TO TANK SIDE *see above*
 REVERSED 3 x 3 x $\frac{3}{16}$ TO QUARTER DECK LOWER DECKS ALTERNATE

DO DO WHERE NO FLOORS 2 x 2 x $\frac{3}{16}$ TO $\frac{1}{16}$
 FRAMES ACROSS BOTTOM ON FLOORS 2 x 2 x $\frac{3}{16}$ TO $\frac{1}{16}$

FRAMES 2 x 2 x $\frac{3}{16}$ FOR $\frac{3}{16}$ TO $\frac{1}{16}$ SPACED 34 INCH CENTRED

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