

4 A  
ESALEN 3/9/20, 9-2-23  
8/6/20, 23/10/20 21 25-12-22

# MIDSHIP SECTION

S. N° 323.

SCALE 1/2" = 1 FOOT.

S-S. "TONGARIRO."



## PRINCIPAL DIMENSIONS

LENGTH BETWEEN PERPS. 460'0"  
BREADTH MOULDED 62'6"  
DEPTH MOULDED TO UPPER DK 29'9"  
DEPTH (d) 15'7 1/2"

CLASS 100 A1 LLOYDS (Shelter deck with freeboard)

## LLOYDS NUMERALS

BREADTH MLD. 62'5"  
DEPTH MLD. TO UPPER DK 29'7 1/2"  
92.25 = TRANS. N°  
LENGTH 460.71  
42500 = LONG. N°

## PROPORTIONS

DEPTH TO LENGTH TO SHELTER DK 12.18  
" " " BRIDGE " 10.05

## FORGINGS

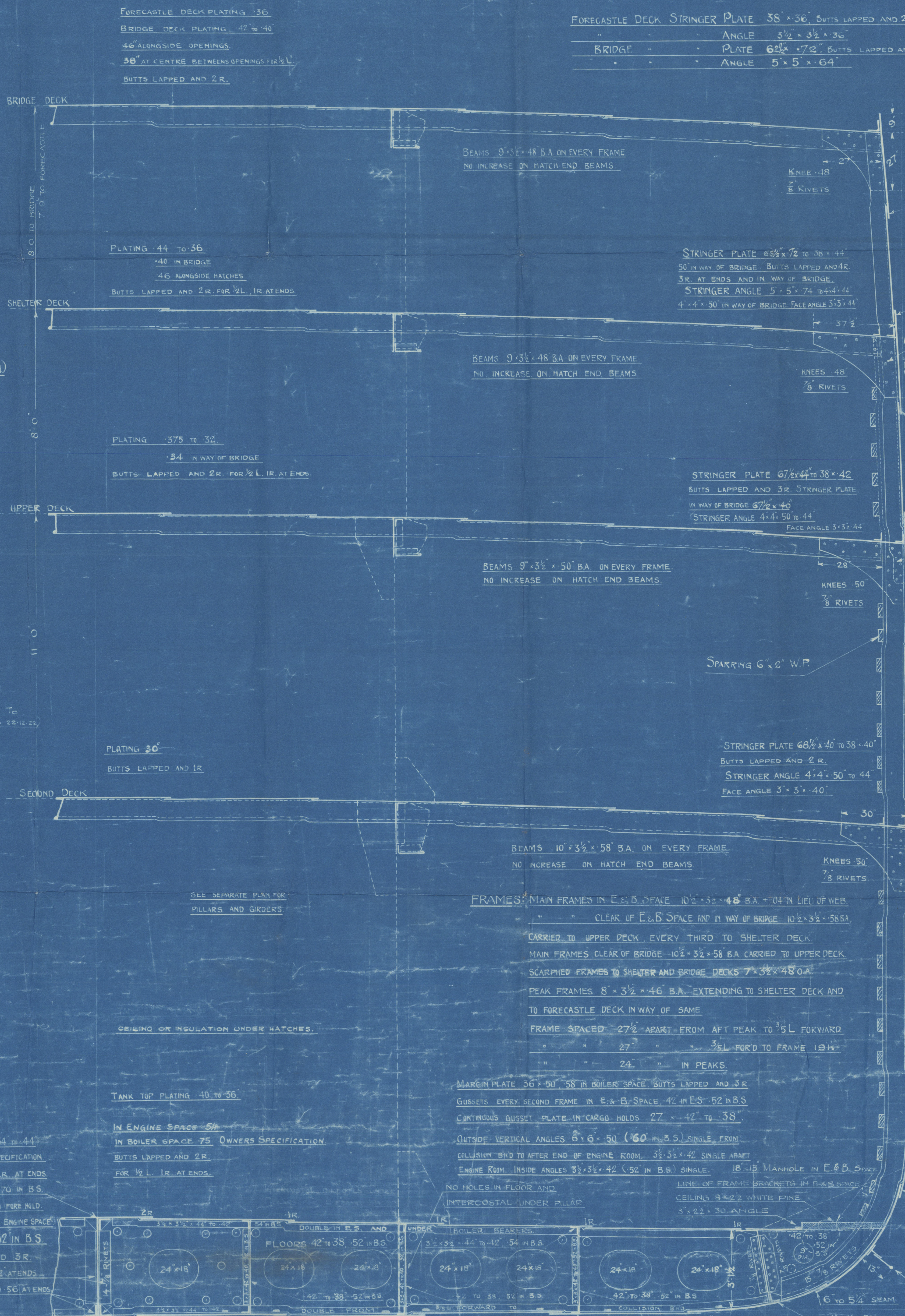
STERNFRAME PP. 11" x 8 1/2" RP 9 1/2" x 9"  
STEM BAR 11" x 2 1/8"  
RUDDER AS PER RULE

## EQUIPMENT N° 47729

2 BOWER ANCHORS 8 1/4 CWTs STOCKLESS  
1 " ANCHOR 69 1/2 " "  
1 STREAM " 23 1/2 " EX STOCK  
1 KEDGE " 11 " "  
300 FATHOMS 2 1/2" STUD CHAIN CABLE  
120 " 5 1/4" STEEL WIRE-STREAM HAWSER  
110 " 6 " TOWLINE  
20 " 16" MANILLA SPRING WITH SHACKLES  
2 OF 100 FATHOMS 8 MANILLA HAWSER & WARPS  
2 " 8 " "  
4 AT " 3" FLEX. WIRE (STEEL) PER SPECN.

KEDGE ANCHOR NOT TO BE SUPPLIED (OWNERS 22-12-22)

CAMBER 15 1/2"



BRIDGE SHEERSTRAKE "P" 49' x 72"

BUTTS LAPPED & 4R. THROUGHOUT

6" SEAM THROUGHOUT BRIDGE.

3" SEAM IN WAY OF FORECASTLE.

"O" STRAKE 55 1/2' x 72" THROUGHOUT BRIDGE

BUTTS LAPPED & 4R. THROUGHOUT.

6" SEAM THROUGHOUT BRIDGE

3" " IN WAY OF FORECASTLE

ANGLE FRAME SCARFED 15 IN 10 1/2 BULB ANGLE, WHERE SAME IS CARRIED UP SCARF SIMILAR TO ONE AT UPPER DECK.

"N" STRAKE 49' x 96" TO 48" CLEAR OF BRIDGE, DOUBLED AT ENDS OF BRIDGE.

72" IN WAY OF BRIDGE.

BUTTS, DOUBLE STRAPS 3R. OR 5R. OVERLAPS

TO 3R. OVERLAPS AT ENDS. 3R. OVERLAPS IN WAY OF BRIDGE.

6" TO 5 1/4" SEAM. 6 3/4" SEAM AT ENDS OF BRIDGE.

"M" STRAKE 58' x 72" TO 48" CLEAR OF BRIDGE.

72" IN WAY OF BRIDGE.

BUTTS LAPPED AND 3R. IN WAY OF BRIDGE. 4R. TO 3R. CLEAR OF BRIDGE.

6" TO 5 1/4" SEAM.

ANGLE FRAME SCARFED 15 IN 10 1/2 BULB ANGLE, 7 FLANGE REDUCED BELOW DECK TO 5 1/4"

"L" STRAKE 69' x 72" TO 48"

BUTTS LAPPED AND 3R. THROUGHOUT.

6" TO 5 1/4" SEAM.

6" TO 5 1/4" SEAM.

"K" STRAKE 69 1/2' x 72" TO 48"

BUTTS LAPPED AND 3R. THROUGHOUT.

6" TO 5 1/4" SEAM.

6" TO 5 1/4" SEAM.

6" TO 5 1/4" SEAM.

"J" STRAKE 69' x 72" TO 48"

BUTTS LAPPED AND 3R. THROUGHOUT.

6" TO 5 1/4" SEAM.

6" TO 5 1/4" SEAM.

6" TO 5 1/4" SEAM.

"H" STRAKE 69 1/2' x 72" TO 48"

BUTTS LAPPED AND 3R. THROUGHOUT.

6" TO 5 1/4" SEAM.

6" TO 5 1/4" SEAM.

"G" STRAKE 67' x 72" TO 48"

BUTTS LAPPED AND 3R. THROUGHOUT.

6" TO 5 1/4" SEAM.

6" TO 5 1/4" SEAM.

6" TO 5 1/4" SEAM.

"F" STRAKE 65' x 72" TO 50"

BUTTS LAPPED AND 4R. FOR 1/2 L. TO 3R. AT ENDS.

BILGE KEEL 100' 0" AMIDSHIPS. C & 6" x 50" TEE BAR

10' x 50" BULB PLATE

6" TO 5 1/4" SEAM.

6" TO 5 1/4" SEAM.

6" TO 5 1/4" SEAM.

6" TO 5 1/4" SEAM.

6" TO 5 1/4" SEAM.

6" TO 5 1/4" SEAM.

6" TO 5 1/4" SEAM.

FORECASTLE SIDES 44"

BUTTS LAPPED & 2R.

SHELL TO BE DOUBLED IN WAY OF ANCHORS.

MANSE PILES ETC.

BASS PLATING 80"

NOTE - RULE THICKNESS FOR SHELL PLATING.

AMIDSHIPS FROM UPPER TURN OF BILGE TO STRAKE

BELOW SHEERSTRAKE = 68" 0/2 FOR DISMISH

OF 2-SIDE-STRANGERS.

STRAKES OF SHELL 72" THICK TO

SUIT AMERICAN PLATES.

NOTE - AN ADDITIONAL PAIR OF CORNETS TO BE

FITTED IN THESE TWO BEAMS FOR 50" STRAKE

SPACES IN FORE AND AFTER BODIES

NOTE - RULE THICKNESS FOR BOTTOM PLATING AMIDSHIPS FROM KEEL TO UPPER TURN OF BILGE 70"  
STRAKES IN WAY OF BOTTOM PLATING MADE 72" TO SUIT AMERICAN PLATES.



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W<sup>m</sup> Hamilton & Co L<sup>d</sup>

N<sup>o</sup> 323.

S. S. "Tongaroto"

Midship Section

(as built).

Grk Dep N<sup>o</sup> 18347.



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