

LLOYDS STAND.
25-9-36.

LLOYDS NUMERALS

$$L \times D = 400 \times 34.25 = 13,700$$

$$L \times (B+D) = 400 \times (56+34.25) = 36,100$$

$$L/D = 400/34.25 = 11.59$$

STEM BAR 9" x 2 1/2"

2 COMPLETE ROWS 7/8" RIVETS SPACED 5 DIAS APART 6" x 1" x 10"
STRINGER ANGLE AT ENDS 3" x 3" x 42"
RIVETS SPACED 4 1/2" DIAS APART

SHEERSTRAKE 62" x 10" x 1/2"
7/8" RIVETS SPACED 5 DIAS 7" x 3 1/2" x 38 B.O.
7/8" RIVETS SPACED 6 DIAS 7" x 3 1/2" x 38 B.O.

2 COMPLETE ROWS 7/8" RIVETS SPACED 5 DIAS
STRINGER ANGLE AT ENDS 3" x 3" x 42"
RIVETS SPACED 4 1/2" DIAS

7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.
7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.

7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.
7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.

7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.
7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.

7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.
7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.

7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.
7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.

7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.
7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.

7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.
7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.

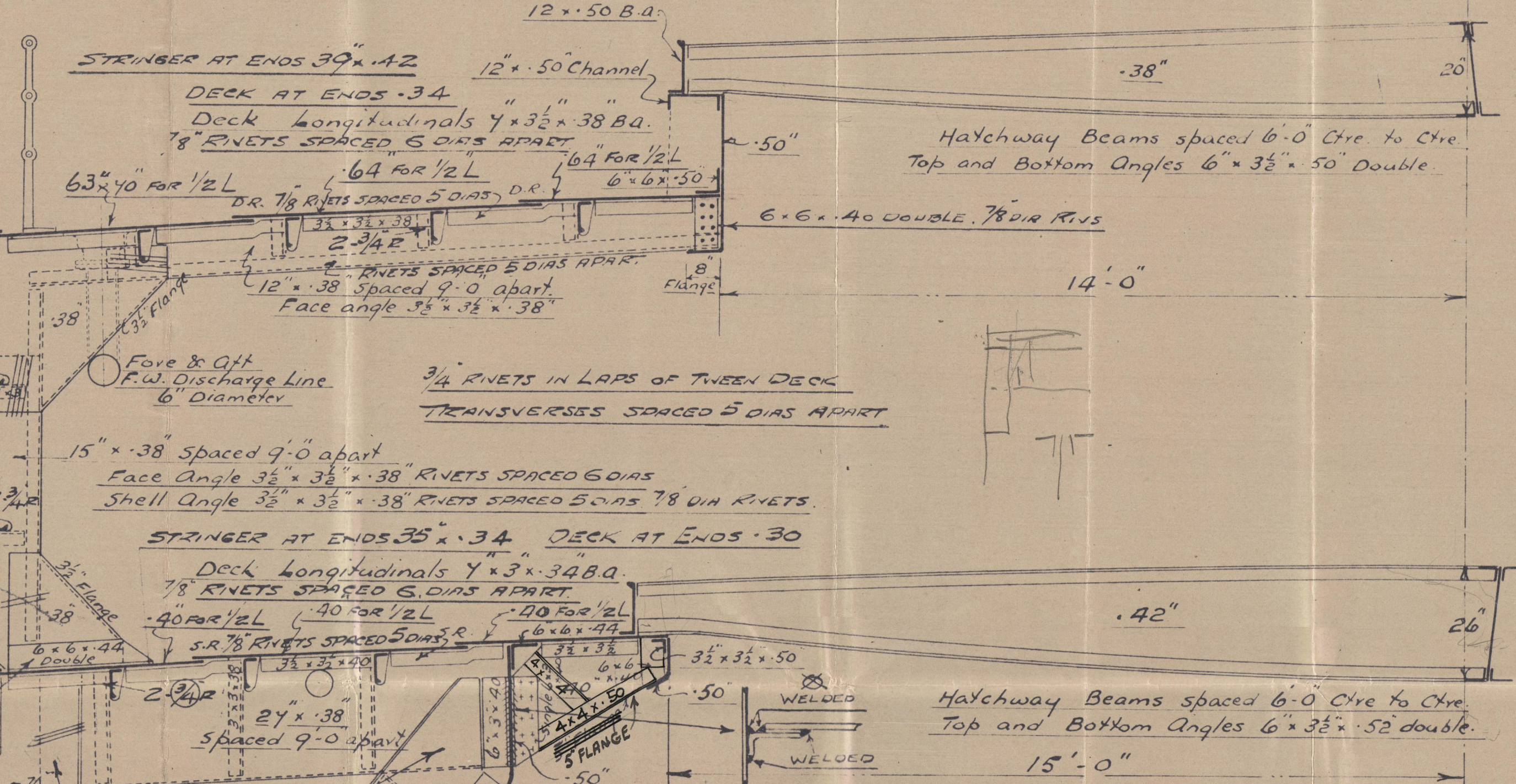
7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.
7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.

7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.
7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.

7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.
7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.

7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.
7/8" RIVETS SPACED 5 DIAS 4" x 3 1/2" x 38 B.O.

NOTE: ALL BULB ANGLES ARE LATEST BRITISH STANDARD SECTIONS.
NOTES FOR LONGITUDINALS TO BE WELL ROUNDED AT CORNERS AND NOT ROUGH FINISHED
LIGHTENING HOLES NOT TO BE LESS THAN 8" CLEAR OF NOTCHES



TRANSVERSES SPACED 3'-0" APART

FLOORS SPACED 4'-6" APART

AND AS PER PROFILE.

ALL WELDING SHOWN ON PLAN TO BE CONTINUOUS.

Notes:

No pillars to be fitted in Cargo Holds.
Side frames and deck bracket connecting angles
to wing tanks to have the tank side flange
welded to tank side. Similarly the attachment
angles on tandem arch beams to wing tank
side to be welded, also adjacent attachments
on the inside of tank to be welded.

TANK TOP PLATING IN BOILER SPACE INCREASED .14 IN THICKNESS
TANK TOP PLATING .50 IN ENGINE SPACE INCLUDING MIDDLE LINE STRAKE
FLOORS & SIDE GIRDERS .50 IN BOILER SPACE. W.T. FLOORS .48.
TANK MARGIN IN BOILER SPACE INCREASED .06 IN THICKNESS
PLATES & ANGLES IN BOILER SPACE MARKED Y & NOT COVERED BY CEMENT
TO BE INCREASED BY .10 IN THICKNESS

TANK TOP PLATING .36 AT ENDS.

Bilge ceiling in two layers,
outer layer with warships,
inner layer fore and aft.

2 1/2" Hardwood Ceiling on Woodbeams spaced 2'-3" apart.

Bottom longitudinal 1" x 3 1/2" x 38 B.O.W

7/8" RIVETS SPACED 3 1/2" DIAS APART FOR 5 RIVETS EACH SIDE
OF TRANSVERSES & BULKHEADS. 5 DIAS ELSEWHERE (SEE NOTE)

EQUIPMENT NUMERALS

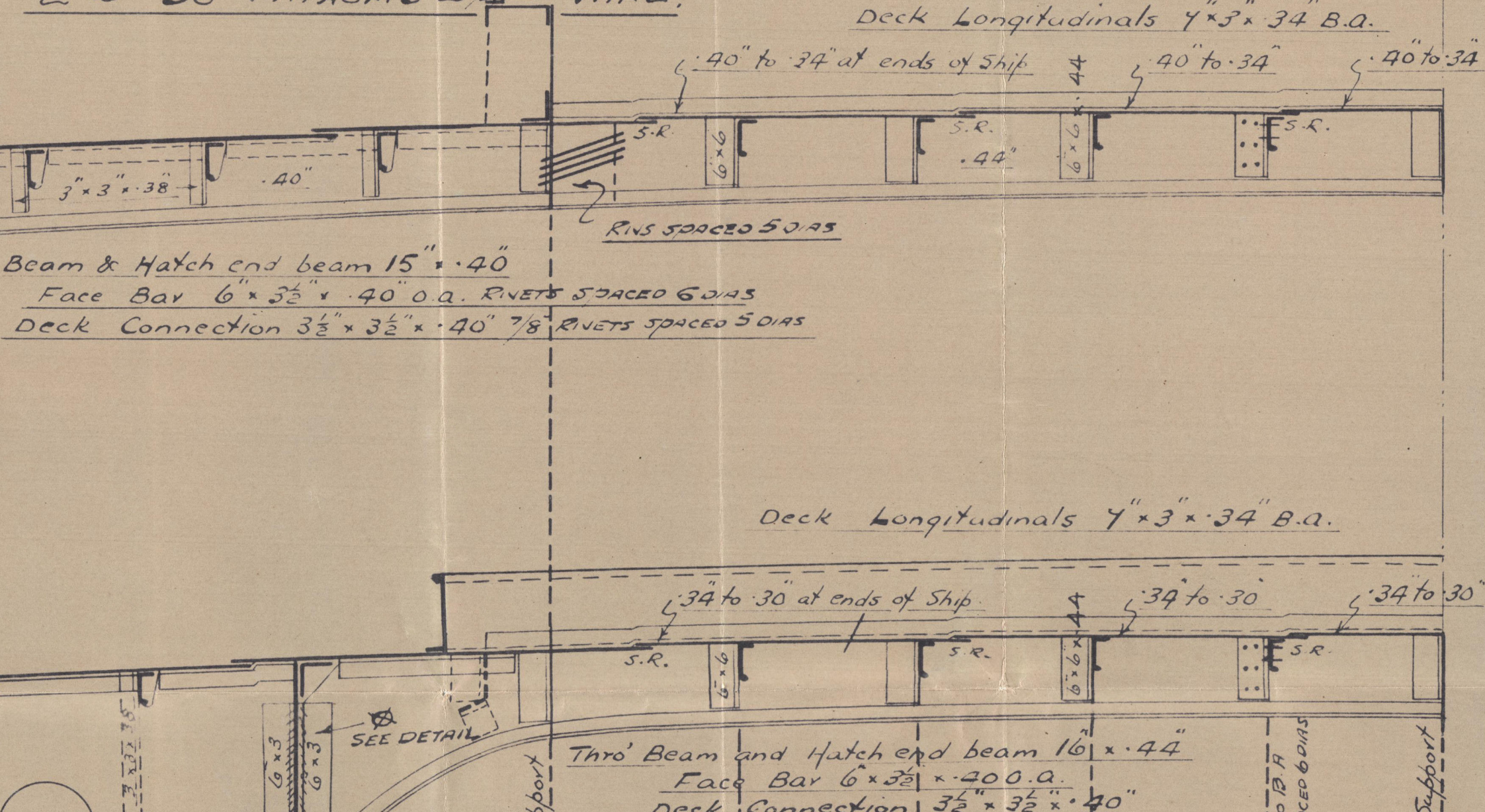
L x (B+D) = 400 x (56+34.5) = 36,200	
FORECASTLE 3.8 x 7.5 x .75	213.75
AFTER DECKHOUSE 51.0 x 7.5 x .50	191.25
BOILER CASING 42.5 x 9 x .50	191.25
MIDSHIP DECKHOUSE 28 x 7.5 x .50	105
" 24 x 7.5 x .50	90
" 17 x 7.5 x .50	63.75
EQUIPMENT NUMBER = 37,055	
EQUIPMENT LETTER Z	

UPPER Deck.

Second Deck.

EQUIPMENT

3 POWER ANCHORS STOCKLESS COLLECTIVE WEIGHT = 182 CWT. (2 @ 63 3/4 CWT, 1 @ 54 1/2 CWT)	
1 STREAM ANCHOR EX-STOCK	17 1/2 CWT
270 FATHOMS OF 2 1/2" STUD CHAIN CABLE OR 1 1/2" TAYCO STEEL CABLES	
90 FATHOMS OF 4 1/4" STEEL WIRE STREAM LINE	
120 FATHOMS OF 5" STEEL WIRE TOWLINE	
2 @ 30 FATHOMS 2 1/4" " " HAWSER	
2 @ 30 FATHOMS 2 1/4" " " WARPS	
2 @ 30 FATHOMS 3" MOORING WIRE	
2 @ 30 FATHOMS 2 1/2" WIRE	



Tandem Arch Beams between Hatches 1-2 & 3-4
Plate 5/8" x 44"
Face Bars 7" x 3 1/2" x 44" B.O. double. RIVETS SPACED 6 DIAS APART
Face Plate 15" x 50"
Deck Connection 3 1/2" x 3 1/2" x 40" 7/8" RIVETS SPACED 5 DIAS APART

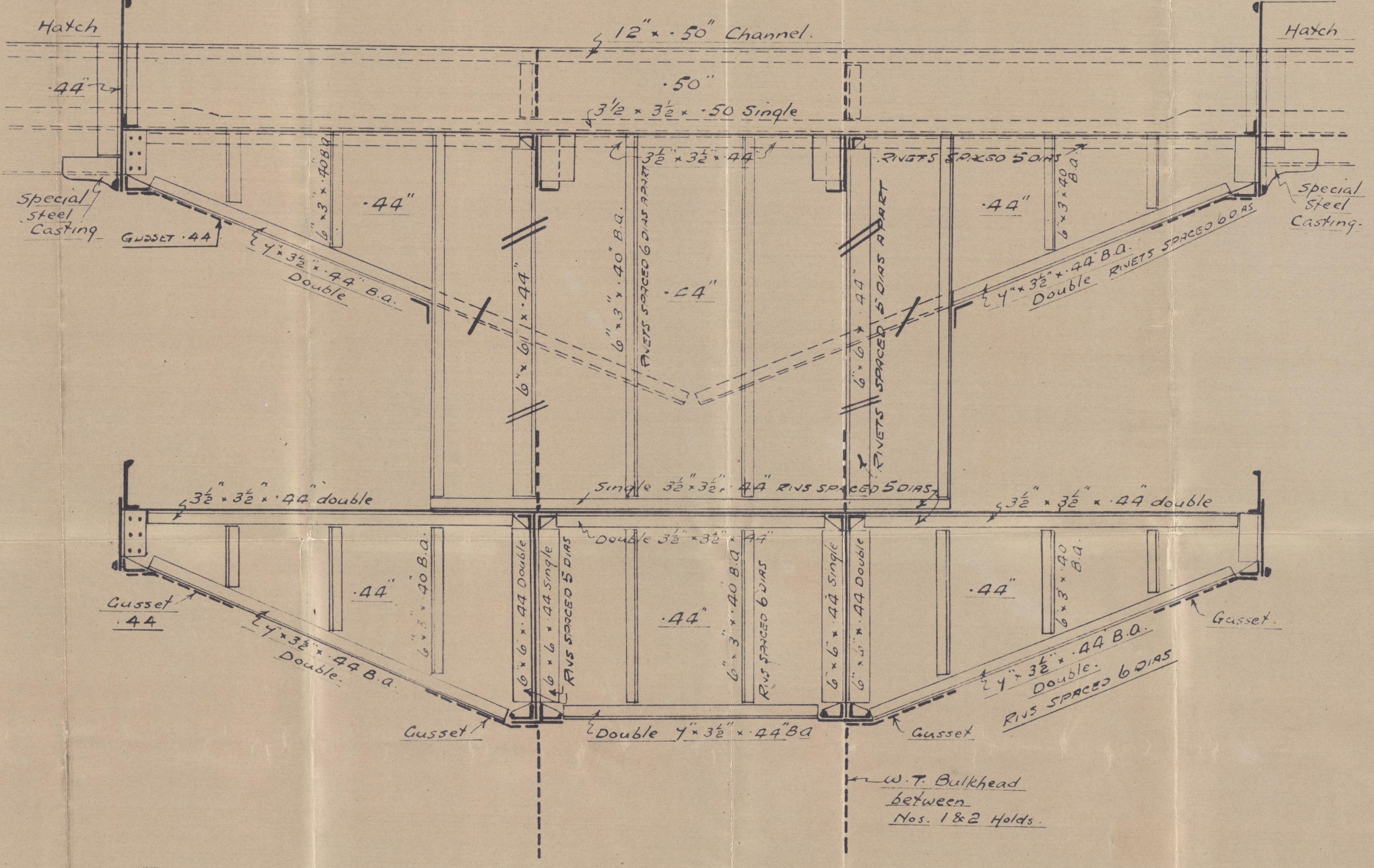
RIVETING

BUTTS OF KEEL PLATE - QUADRUPLE RIVETED OVERLAPS FOR 1/2" L TO TREBLE AT ENDS
BUTTS OF BOTTOM SHELL - TREBLE RIVETED OVERLAPS THROUGHOUT
BUTTS OF SIDE SHELL - TREBLE RIVETED OVERLAPS THROUGHOUT
BUTTS OF STRAKE (BELOW) - TREBLE RIVETED OVERLAPS THROUGHOUT
BUTTS OF SHEERSTRAKE - QUADRUPLE RIVETED OVERLAPS FOR 1/2" L TO TREBLE AT ENDS
BUTTS OF UPPER DECK STRINGER - QUADRUPLE RIVETED OVERLAPS FOR 1/2" L
TREBLE RIVETED OVERLAPS AT ENDS, WHERE THICKNESS DOES NOT EXCEED .68
BUTTS OF UPPER DECK PLATING - TREBLE RIVETED OVERLAPS FOR 1/2" L
BUTTS AT ENDS TREBLE RIVETED OVERLAPS ABOVE .54, DOUBLE RIVETED OVERLAPS
ABOVE .42, AND NOT EXCEEDING .54, SINGLE RIVETED OVERLAPS WHERE NOT EXCEEDING .42
SECOND DECK STRINGER - BUTTS DOUBLE RIVETED OVERLAPS THROUGHOUT
BUTTS OF SECOND DECK PLATING - DOUBLE RIVETED OVERLAPS FOR 1/2" L TO SINGLE AT ENDS
BUTTS OF CENTRE GIRDER - TREBLE RIVETED OVERLAPS THROUGHOUT
BUTTS OF MARGIN PLATE - TREBLE RIVETED OVERLAPS FOR 1/2" L TO DOUBLE AT ENDS
BUTTS OF TANK TOP CENTRE STRAKE - TREBLE RIVETED OVERLAPS FOR 1/2" L TO
DOUBLE AT ENDS.
BUTTS OF TANK TOP PLATING - DOUBLE RIVETED OVERLAPS FOR 1/2" L TO
SINGLE AT ENDS.
BUTTS OF WING TANK SIDE PLATING DOUBLE RIVETED.

SECTION BETWEEN HATCHES.

SEE PROFILE & DECK PLANS
FOR DECK SUPPORTS BETWEEN
Nos 2 & 3 HATCHES

ALL RIVETS 7/8" DIA.



DECK SUPPORT

BETWEEN HATCHES 1-2 & 3-4.

SHIP No 903.

S.S. "IRON CHIEFTAIN."

MIDSHIP SECTION

OF

SINGLE SCREW

ORE CARRYING STEAMER.

LENGTH B.P. 400'-0"

BREADTH MLD. 56'-0"

DEPTH MLD TO SHELTER DECK. 34'-6"

SCALE 1/2" = 1 FOOT.

ISHERWOOD COMBINATION SYSTEM.

TO CLASS LLOYDS 100 A.I. WITH FREEBOARD CORRESPONDING
TO A DRAUGHT NOT EXCEEDING THAT CONTEMPLATED BY THE RULES
FOR A COMPLETE SUPERSTRUCTURE SHIP HAVING A TONNAGE OPENING.

Signed E.P.

25-9-36

W181-0048

© 2021

Lloyd's Register

Marine

Classification

S.S. IRON CHIEFTAIN

LITHGOWS LTD GRK. 20479.

NO 903

MIDSHIP SECTION

As BUILT

X1181-0048



© 2021

Lloyd's Register
Foundation