

EST. NO. 1453 MIDSHIP SECTION.

SCALE 1" = 1 FOOT.

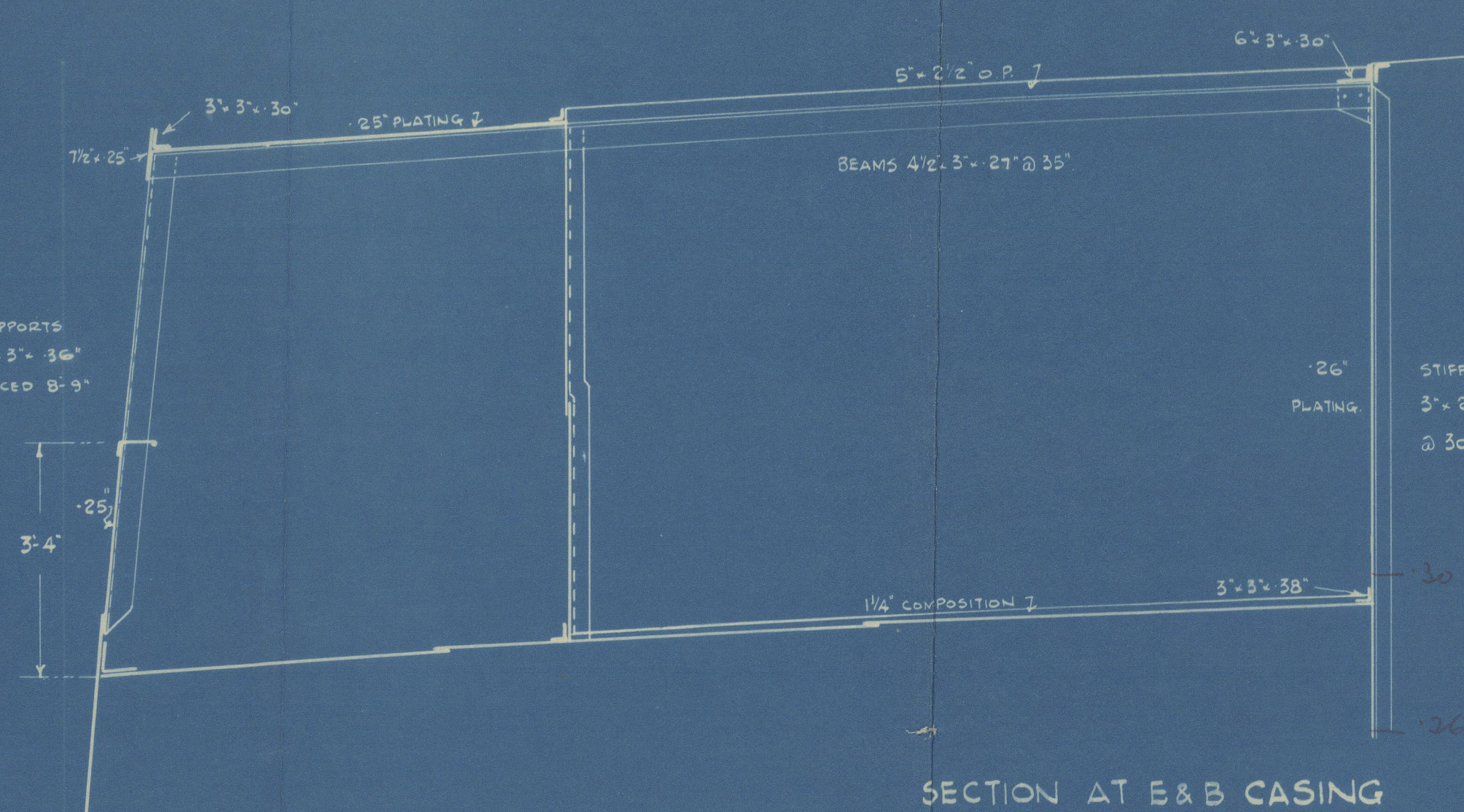
MID. DIMS: 410'-0" B.P. x 5'-3" x 38'-0" TO UPPER DECK.

TO CLASS LLOYDS 100A.1. COMPLETE SUPERSTRUCTURE.

SECTIONS ARE 1914 BRITISH STANDARD.

LLOYDS NUMERALS:-

L = 410 B = 57.25 D = 285 + B = 37.5
L x D = 410 x 37.5 = 15,380
L x (B + D) = 410 (57.25 + 37.5) = 38,850
L/D = 410/37.5 = 10.80
d = 285 + 3.63 = 288.63



SECTION AT E & B CASING

RIVETING.

ITEM	END LAPS	EDGE LAPS
	1/2 L. ENDS	1/2 L. ENDS
KEEL	QUAD.	TREBLE
SHELL BOTTOM	TREBLE	DOUBLE
" SIDE	"	"
STRAKES BELOW SHEER ST.	"	"
SHEER STRAKE	QUAD.	"
CENTRE GIRDER	TREBLE	"
MARGIN	"	DOUBLE
TANK TOP C.B. STRAKES	"	DOUBLE
" PLATING	DOUBLE	SINGLE
SECOND DECK STRINGER	DOUBLE	SINGLE
" PLATING	SINGLE	"
UPPER DECK STRINGER	TREBLE	DOUBLE
" PLATING	DOUBLE	SINGLE

RIVET SPACING.

SIDE FRAMES TO SHELL. 6 1/2 DIAS. 7 DIAS. WHERE FRAME SPACING DOES NOT EXCEED 28 1/2".
5 1/2 DIAS. IN DEEP TANK & FORE & AFT PEAKS.
BOTTOM FRAMES TO SHELL. 7 DIAS. 5 1/2 DIAS. FOR 1/2 L.
FRAMES TO FLOORS. 7 DIAS. 5 1/2 DIAS. FOR 1/2 L. 5 DIAS. IN AFT PEAK.
REV. " " 7 DIAS.
" " TANK TOP. 7 DIAS.
CENTRE GIRDER BOTTOM ANGLES. 5 DIAS.
" TOP " 7 DIAS.
" VERT. " 5 DIAS.
SIDE GIRDER TOP ANGLES. 7 DIAS.
" BOTTOM " 7 DIAS.
" VERT. " 7 DIAS.
MARGIN ANGLES. 4 1/2 DIAS.
BEAMS. 7 DIAS.

DOUBLE BOTTOM.

ITEM	1/2 LENGTH.	AT ENDS.	REMARKS.
	RULE	AS FITTED	
CENTRE GIRDER	43' 2" x 54"	46"	62" IN B.P.
" BTM. ANGLES	5' 5" x 53"	56" x 50"	DOUBLE ANGLES
" TOP "	3 1/2' x 3 1/2' x 48"	3 1/2' x 3 1/2' x 44"	
" VERT. "	3 1/2' x 3 1/2' x 45"	3 1/2' x 3 1/2' x 45"	
SIDE GIRDERS	38' 10" x 42"	38"	
" BTM. ANGLE	3 1/2' x 3 1/2' x 45"	3 1/2' x 3 1/2' x 45"	
" TOP "	3 1/2' x 3 1/2' x 45"	3 1/2' x 3 1/2' x 45"	
" VERT. "	3 1/2' x 3 1/2' x 45"	3 1/2' x 3 1/2' x 45"	
FLOORS	41" x 52" x 52" B.P.	42" x 52" x 52" B.P.	W.T. FLOORS 52" x 52" x 52" B.P.
" FRAMES	3 1/2' x 3 1/2' x 45"	3 1/2' x 3 1/2' x 45"	DOUBLE FROM 1/2 L. FOR 1/2 L. 8 1/2" OR SINGLE ANGLES D.R.
REV. FRAMES	3 1/2' x 3 1/2' x 45"	3 1/2' x 3 1/2' x 45"	8 1/2" ANGLES OR 5 1/2" ANGLES D.R. IN C.B. UNDER TANK & B. BEARDS.
SKELETON FLOORS	41" x 52" x 52" B.P.	42" x 52" x 52" B.P.	
" FRAMES	3 1/2' x 3 1/2' x 45"	3 1/2' x 3 1/2' x 45"	
" REV. FR.	3 1/2' x 3 1/2' x 45"	3 1/2' x 3 1/2' x 45"	
" STRUTS	8 1/2' x 3 1/2' x 45"	8 1/2' x 3 1/2' x 45"	
SIDE GIRDER	38' 10" x 42"	38"	
MARGIN PLATE	41" x 52" x 52" B.P.	42" x 52" x 52" B.P.	
" SHELL BAR	3 1/2' x 3 1/2' x 45"	3 1/2' x 3 1/2' x 45"	
" VERT. OUTSIDE	3 1/2' x 3 1/2' x 45"	3 1/2' x 3 1/2' x 45"	
" INSIDE	3 1/2' x 3 1/2' x 45"	3 1/2' x 3 1/2' x 45"	
TANK SIDE B.P.	45" x 55" B.S.	44"	
TANK TOP C.B. STRAKES	53' 2" x 51"	44"	
" PLATING	43' 52" x 52" B.P.	44"	+ 88" IN WAY OF HATCHES IN LEO C. CEILING.

CAMBER 1 1/2" ON 57' 3"

FOR C.B. LINE BHD. SCANTLINGS
SEE PROFILE & DECK PLAN.

MAIN FRAMES { 9'-3 1/2" x 48" O.A. WITH
@ 30" SPACING 8'-3 1/2" x 48" O.A. REV. FR.
END SPACING AS PER SECT. 6, PAR. 2.

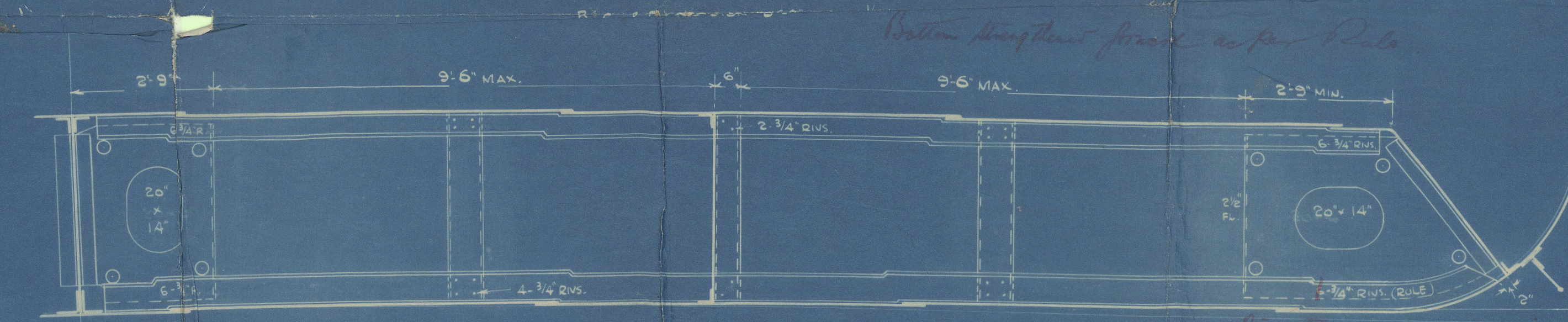
6'-2" W.P. HORIZONTAL SPARRING IN HOLDS & TWEN D'S.

SOLID FLOORS EVERY FR. FOR P OF FOR 3/4 L. IN
ENGINE SPACE, UNDER BOILER BEARERS & UNDER B'S.
ELSEWHERE SOLID FLOORS SPACED 7' 6" APART.
SEE PROFILE.

TANK TOP HORIZONTAL.

KEEL 52' 2" x 78" FOR 1/2 L. - 1' 68"

BOTTOM SHELL 58' 1" x 50"



OPEN FLOORS.



13105 No. 2667
May 10th 1915

W. & A. R. 1010

Lloyd's Register Foundation

(1)
Sewan Hunter's No 1513

Midship Section

W.S. 569

(19)

S.S. HOPESTAR

NEWCASTLE ON TYNE.

Report No. 93528

W1014-0179



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