

# N° 205 MIDSHIP SECTION

SCALE 1" = 1'-0"

## CLASSED LLOYDS 100 A I

### PRINCIPAL DIMENSIONS

LENGTH OVER ALL	ABT 172'-1"
LENGTH BETW. P.P.	160'-0"
BREADTH ON FRAME	28'-6"
DEPTH TO MAINDECK	12'-10"
DEPTH TO R. QUARTERDECK	16'-10"
DRAFT	ABT 12'-8"

L 5 x 2 1/2 x .41	= 130 x 65 x 10 1/2
L 10 x 3 1/2 x .48	= 250 x 75 x 12 1/2
L 7 x 3 x .36	= 180 x 75 x 9
L 4 x 2 1/2 x .36	= 100 x 65 x 9 1/2
L 5 x 3 x .36	= 130 x 75 x 9
L 5 1/2 x 3 x .32	= 140 x 75 x 8
L 4 1/2 x 2 1/2 x .32	= 120 x 65 x 8
L 4 x 2 1/2 x .36	= 100 x 65 x 9
L 4 x 2 1/2 x .32	= 100 x 65 x 8
L 4 x 2 1/2 x .28	= 100 x 65 x 7
L 3 1/2 x 2 1/2 x .32	= 90 x 60 x 9 1/2
L 3 x 3 x .36	= 75 x 75 x 9
L 3 x 3 x .32	= 75 x 75 x 8 1/2
L 3 x 3 x .28	= 75 x 75 x 8
L 3 x 3 x .24	= 75 x 75 x 7 1/2
L 3 x 3 x .20	= 75 x 75 x 7
L 3 x 3 x .16	= 75 x 75 x 6 1/2
L 3 x 3 x .12	= 75 x 75 x 6
L 3 x 3 x .08	= 75 x 75 x 5 1/2
L 3 x 3 x .04	= 75 x 75 x 5
L 3 x 3 x .02	= 75 x 75 x 4 1/2
L 3 x 3 x .01	= 75 x 75 x 4

### WEBFRAME N° 50 & 54

### LLOYDS NUMERALS

L FROM FORE PART OF STEM TO AFTER PART OF CRUISER STERN 168'-0" ON WL.  
96% OF 168'-0" = 161.28  
L FROM FORE PART OF STEM TO CENTRE OF RUDDER STOCK 160'-0" 6.83  
L x D = 161.28 x 12.33 = 1986.6666  
L x (B + D) = 161.28 (28.5 + 12.33) = 161.28 x 40.83 = 6589.6666  
L = 161.28 13.06 12.57  
D = 12.33 2.5 10.82 10.30  
EN = L (B + D) = 6666.6666  
R. QUARTERDECK = 53.75 x 4 = 215 201.56  
POOP = 0.75 x 44.25 x 7.95 = 264.13 234.13  
FORECASTLE 0.75 x 20.25 x 7.95 = 107.07 107.07  
DECKHOUSE 0.5 x 25 x 7.25 = 90.62 90.62  
EN = 215 201.56 + 264.13 + 107.07 + 90.62 = 777.38  
3 BOWERS 12 1/2 CWT. COLLECTIVE WEIGHT 35 1/2 CWT. (STOCKLESS)  
1 STREAM ANCHOR 4 CWT. EX. STOCK  
195 FMS 1 1/16" STUD CHAIN CABLE MIN. 126 1/4 CWT.  
60 FMS 2 3/4" STEEL WIRE  
75 FMS 2 3/4" STEEL WIRE  
90 FMS 2 1/4" STEEL WIRE

RIVETING		DIAM.		DOUBLE AT ENDS	
ENDLAPS OF SHEERSTRAKE	TREBLE RIVETED	3/4"	3/8"	7/8"	4/4"
" " SHELL	DOUBLE	5/8"	3/8"	4/4"	3/4" IN BOTTOM FORWARD
" " BOTTOM	"	5/8"	3/8"	4/4"	DOUBLE AT ENDS
" " KEELPLATE	TREBLE	3/4"	3/8"	7/8"	"
" " STRINGER PLATE	"	3/4"	3/8"	7/8"	"
" " AT ENDS DOUBLE	"	3/4"	3/8"	4/4"	"
" " DECKPLATE	"	5/8"	4"	4/4"	"
" " INNER BOTTOM AND CENTRE STR. DOUBLE	"	5/8"	4"	4/4"	"
SEAMS OF KEEL PLATE	DOUBLE	3/4"	4"	4/4"	"
" " BOTTOM PLATE	SINGLE	5/8"	4"	2 1/4"	3/4" (DOUBLE) BOTTOM FORWARD
" " BILGE & SIDE PL.	DOUBLE	5/8"	4"	3 3/4"	"
" " SHEERSTRAKE	"	3/4"	4"	4/4"	"
" " STEMP AND SHELL	"	3/4"	3/8"	4/4"	"
STRINGER ANGLE	"	3/4"	4/4"	"	"
MARGIN	"	5/8"	4/4"	"	"
BLKH. BOUNDARY BAR WITH BLKH. FLAT KEEL ANGLES	"	3/4"	5"	"	"
VERT. ANGLES FLOOR & CENTRE GIRDER	"	5/8"	5"	"	"
BLKH. BOUNDARY BAR WITH SHELL & DECK	"	5/8"	5"	"	"
FRAMES CONNECTING FLOORS TO SHELL	"	5/8"	7"	"	"
" " FORWARD 1/2 L. 2 ROWS (DOUBLE ANGLES)	"	5/8"	5/2"	"	"
FRAMES TO SHELL IN FORE & AFTERPEAK	"	5/8"	7"	"	"
SIDE FRAMES TO SHELL	"	5/8"	7"	"	"
BOTTOM FRAMES TO FLOORS	"	5/8"	7"	"	"
REVERSE FRAMES TO INNER BOTTOM AND FLOORS	"	5/8"	7"	"	"
BEAMS TO DECK	"	5/8"	7"	"	"
BLKH. STIFFENERS AND B.	"	5/8"	6"	"	"
" " TO PEAK & BUNKER BLKHS	"	5/8"	6"	"	"
BEAMS IN FORE & AFTER PEAK	"	5/8"	6"	"	"
BRACKETS WITH FRAMES	4 RIV.	3/4"	5/8"	"	"
MARGIN BRACKETS WITH FLAT IRON	"	3/4"	7"	"	"
WEBFRAME BRACKET	"	5/8"	7"	"	"

NOTE: BOTTOM CONSTRUCTED FOR VESSEL LOADING AGROUND

STEM OF PLATE .56"  
STERN FRAME 5 3/4" x 3 1/4"

DOUBLE BOTTOM	
CENTRE GIRDER	36" x 36" - 30
MARGIN PLATE	25" x 30"
FLOOR PLATE	28"
TANK TOP MIDDLE LINE STRAKE	39" x 32" - 30
INNER BOTTOM PLATING	28"
TWO SIDE GIRDERS IN	12" x 28" WITH 24 FL
SIDE GIRDER FORWARD OF 1/2 L. FULL HEIGHT	28"
TANK SIDE BRACKETS	32" x 28"
OIL OR W.T. FLOORS	36"
SOLID FLOORS FROM FR. N° 53 TO FORWARD	"
SOLID FLOORS EVERY SECOND FRAME FROM 41-53	"
SOLID FLOORS EVERY THIRD FRAME FROM 21-41	"
DOUBLE BOTTOM ANGLES	
CENTRE GIRDER - KEELPLATE	3" x 3" x .36"
CENTRE GIRDER - INNER BOTTOM	2 1/2" x 2 1/2" x .32" - 30
MARGIN PLATE - SHELL	3" x 3" x .32"
FRAME - FLOOR	2 1/2" x 2 1/2" x .28"
REVERSE FRAME FLOOR	2 1/2" x 2 1/2" x .28"
FRAME SKELETON FLOOR	4" x 3" x .32"
REVERSE FRAME SKELETON FLOOR	3 1/2" x 3" x .28"
FLOORS - CENTRE GIRDER	2 1/2" x 2 1/2" x .28"
FRAMES FORWARD OF 1/2 L. DOUBLE	2 1/2" x 2 1/2" x .28"
TANKSIDE BRACKET - MARGIN PLATE FLAT IRON	3" x 4"
VERTICAL STREETS ON SKELETON FLOORS	4" x 3" x .28"

FRAMES  
FRAMES IN FORE PEAK L 4" x 2 1/2" x .35"  
FRAMES IN N° 1 HOLD L 5" x 2 1/2" x .41"  
FRAMES IN N° 11 HOLD L 5" x 2 1/2" x .41"  
FRAMES IN MOTOR SPACE L 3" x 2 1/2" x .41"  
FRAMES IN AFTER PEAK L 4" x 2 1/2" x .35"  
FRAMES IN STERN L 4" x 2 1/2" x .35"  
WEB FRAMES ON FR. N° 50 & 54  
WEB FRAMES IN MOTOR SPACE ON FR. N° 10 & 16  
PANTING FRAMES L 4" x 3" x .42"  
SPACING OF THE FRAMES 21 1/4"

MARGIN CONNECTIONS  
ANGLE OR FLAT NOT LESS THAN 5 1/2" RIV  
7 1/2" RIV  
8 1/2" RIV  
IN WAY OF OIL  
IN PANTING AREA

CEMENT  
2 1/2" x 2 1/2" x .25"

HOLD CEILING WHITE FINE 11 1/2" x 2 1/2" ON GROUND 2" x 1 1/2"

2" IN WAY OF OIL

2 1/2" x 2 1/2" x .28"

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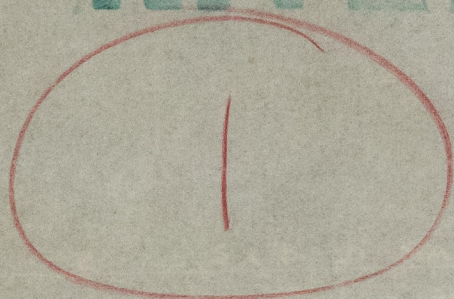
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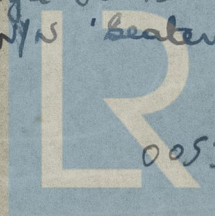
MIDSHIP SECTION

GEN BOX NO

381

"Kyle Fisher"  
N/A 'Sealern'

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