





# S.S. "SWIFT" AND S.S. "MAVIS" Workman Clark (1928) Ltd No. 520 MIDSHIP SECTION.

SCALE:  $\frac{1}{2}'' = 1 \text{ FOOT}$   
214.65'  
DIMENSIONS: 215' x 35' x 21'-6" TO SHELTER DECK.  
TO CLASS +100 A.I. WITH FREEBOARD.

EQUIPMENT NUMBER: 12132  
L x (B+D) 12147.5  
BRIDGE 6' x 75' x 75' 22.4  
12267.5

GRADE "N"  
3 BOWERS STOCKLESS COLLECTIVE WT 73 CWT.  
1 STREAM WITH STOCK 88'  
210 FATHOMS  $1\frac{1}{2}''$  STUD CHAIN CABLE.  
75'  $\frac{1}{16}''$  STREAM CHAIN  
90'  $\frac{3}{16}''$  STEEL WIRE TOWLINE  
2 @ 90'  $2\frac{1}{2}''$  MAWSEY  
2 @ 90' 5' MANILLA WARP.

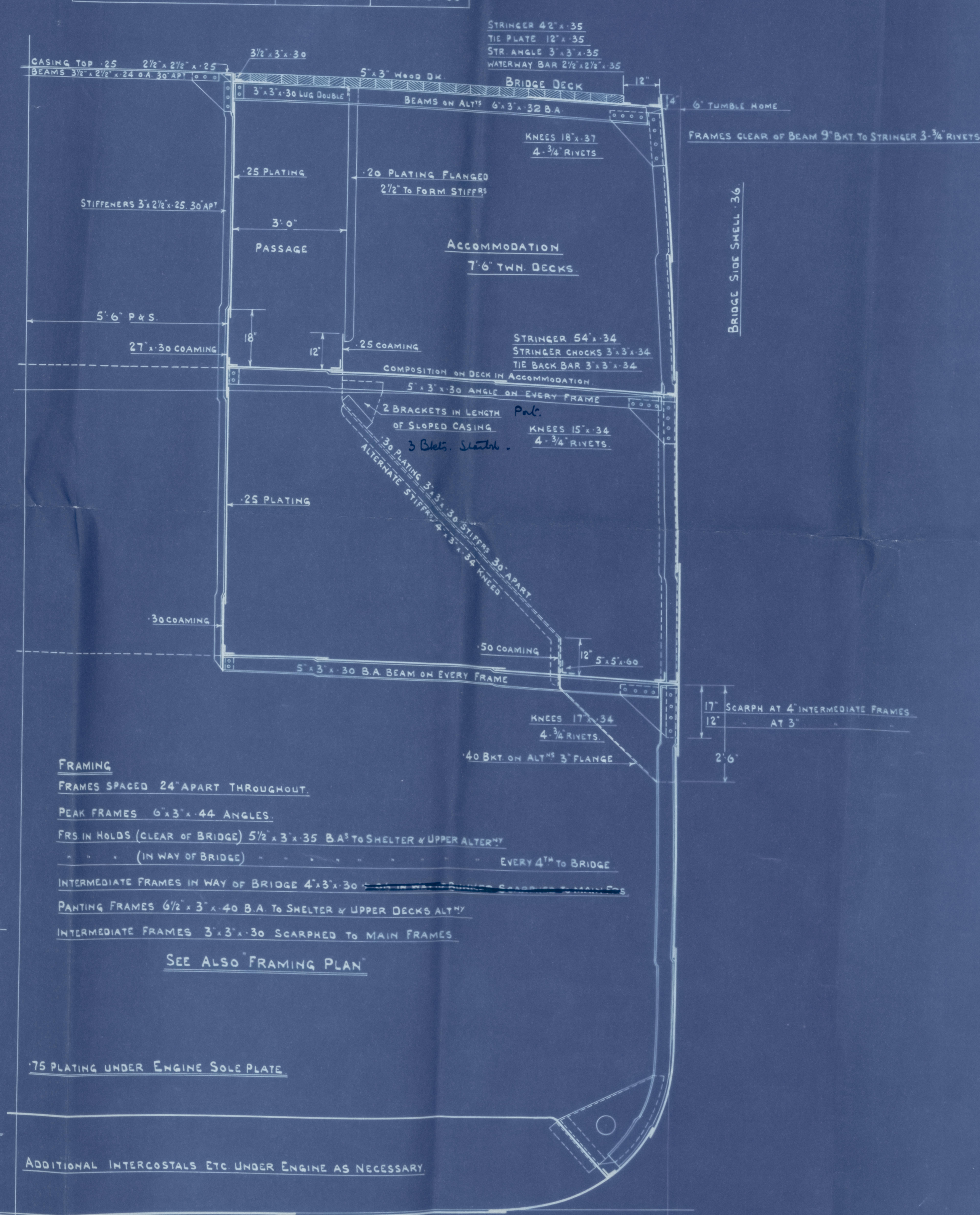
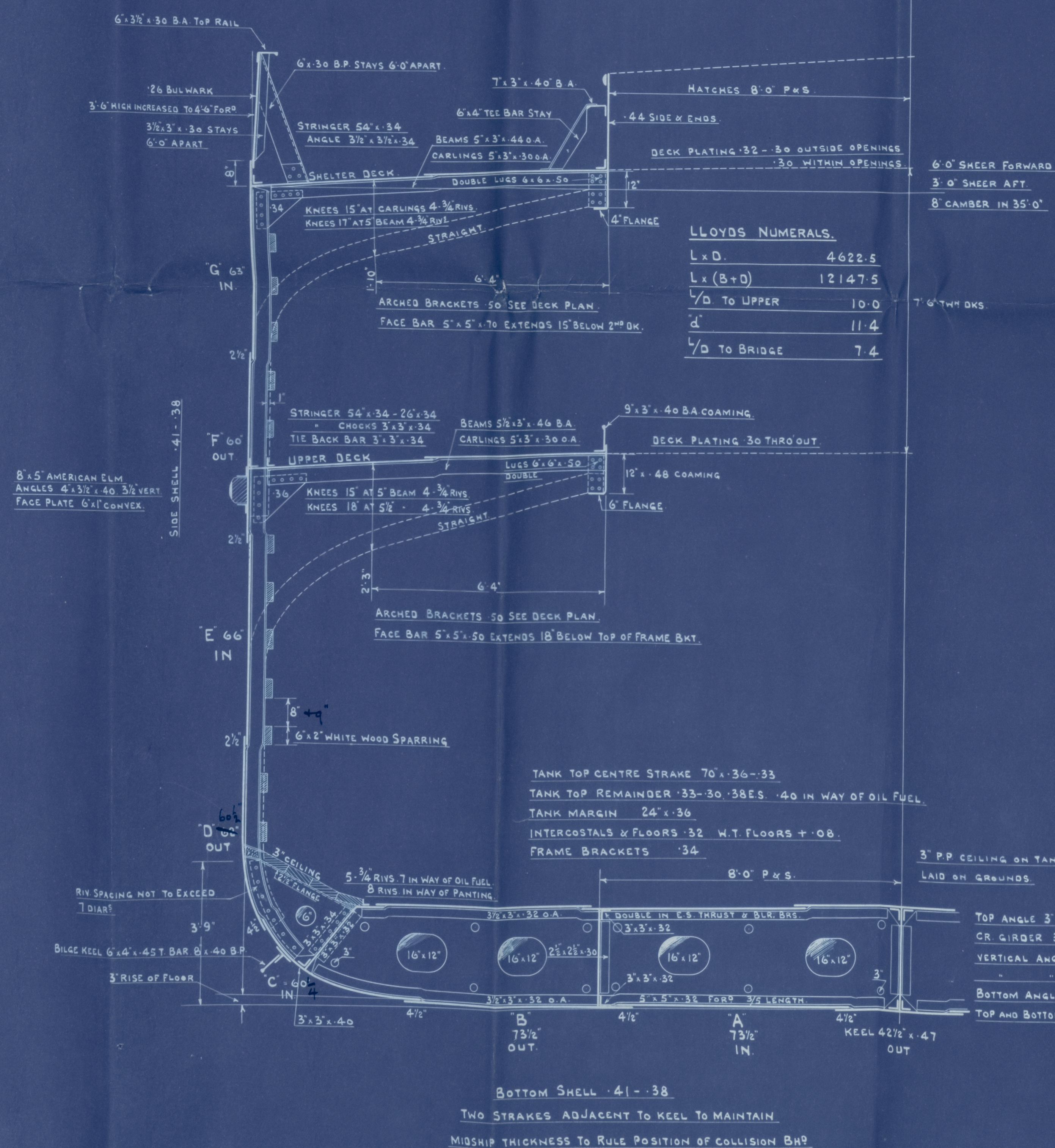
STEM  $7\frac{1}{4}'' \times 1\frac{3}{4}''$   
TRANSOM .42  
BOSS PLATE .44

RIVETING:  
KEEL TREBLE LAPS THROUGHOUT.  
GARBOARD STRAKE TREBLE LAPS TO DOUBLE AT ENDS.  
BOTTOM SHELL TREBLE LAPS TO DOUBLE AT ENDS.  
SIDE SHELL DOUBLE LAPS THROUGHOUT.  
SKEER STRAKE TREBLE LAPS TO DOUBLE AT ENDS.  
STRAKE BELOW TREBLE LAPS TO DOUBLE AT ENDS.  
SHELTER DECK STRINGER DOUBLE LAPS THROUGHOUT.  
SHELTER DECK PLATING DOUBLE LAPS TO SINGLE AT ENDS.  
UPPER DECK STRINGER DOUBLE LAPS THROUGHOUT.  
UPPER DECK PLATING DOUBLE LAPS TO SINGLE AT ENDS.  
TANK TOP CENTRE STRAKE DOUBLE LAPS THROUGHOUT.  
TANK TOP ELSEWHERE DOUBLE LAPS TO SINGLE - D.R. OVER OIL.  
CENTRE GIRDER TREBLE LAPS TO DOUBLE AT ENDS.  
MARGIN DOUBLE LAPS THROUGHOUT.  
BRIDGE SIDE DOUBLE LAPS (STRINGER AND TIE PLATES Q.R.)  
SEAMS OF DECKS AND TANK TOP SINGLE - DOUBLE OVER OIL FUEL.

IRON RIVETS THROUGHOUT.

FOR SCANTLINGS IN BOILER SPACE  
SEE TABLE

OWNERS ADDITIONAL SCANTLINGS IN BOILER SPACE		
	RULE	AS FITTED
CENTRE GIRDER	52	77
TOP ANGLE	$3' \times 3' \times 50$	$3\frac{1}{2}' \times 3\frac{1}{2}' \times 75$
BOTTOM ANGLE	$3\frac{1}{2}' \times 3\frac{1}{2}' \times 42$	$3' \times 3' \times 62$
VERTICAL ANGLE	$3' \times 3' \times 42$	$3' \times 3' \times 62$
TANK FLOORS	42	58
TANK INTERSTALS	42	58
TOP ANGLE	$3' \times 3' \times 42$	$3\frac{1}{2}' \times 3\frac{1}{2}' \times 60$
BOTTOM ANGLE	$3' \times 3' \times 32$	$3\frac{1}{2}' \times 3\frac{1}{2}' \times 42$
TANK MARGIN	46	65
ANGLE	$3' \times 3' \times 40$	$3\frac{1}{2}' \times 3\frac{1}{2}' \times 58$
VERTICAL ANGLE OUT	$3' \times 3' \times 44$	$3\frac{1}{2}' \times 3\frac{1}{2}' \times 60$
IN	$3' \times 3' \times 42$	$3\frac{1}{2}' \times 3\frac{1}{2}' \times 60$
TANK WING BRACKETS	44	58
TANK TOP	48	68
FRAMES	$3' \times 3' \times 32$	$3\frac{1}{2}' \times 3' \times 44$
REVERSE FRAMES	$3' \times 3' \times 42$	$3\frac{1}{2}' \times 3\frac{1}{2}' \times 58$





S.S. "MAVIS"

Midship Section as Built-

Wakeman Black (1928) Ltd  
No. 520

" " Mavis "

W286-0076  $\frac{1}{2}$



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Foundation