

# M.V. "EMPIRE CONFIDENCE"

Ln. 109428

## MIDSHIP SECTION

(ALL INFORMATION GIVEN ON THIS PLAN  
GIVEN IN GOOD FAITH BUT NOT GUARANTEED)

SCALE 1-40

**Dimensions**  
Length B.P. 124.0 Metres = 406'-10"  
Breadth Mld. 16.6 " = 54'-5 1/2"  
Depth to A Deck 10.45 " = 34'-3 1/2"

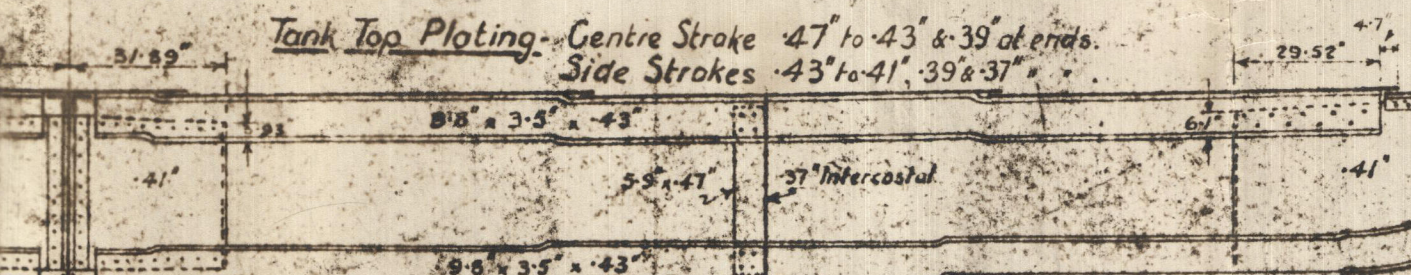
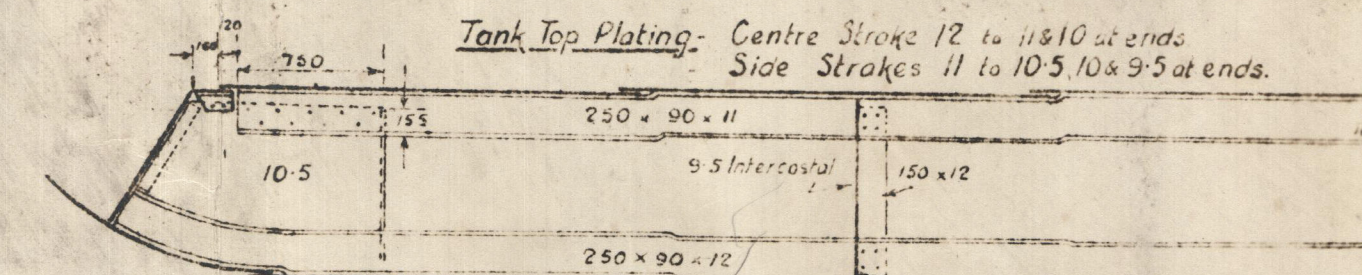
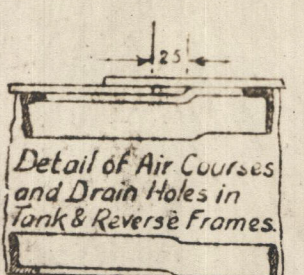
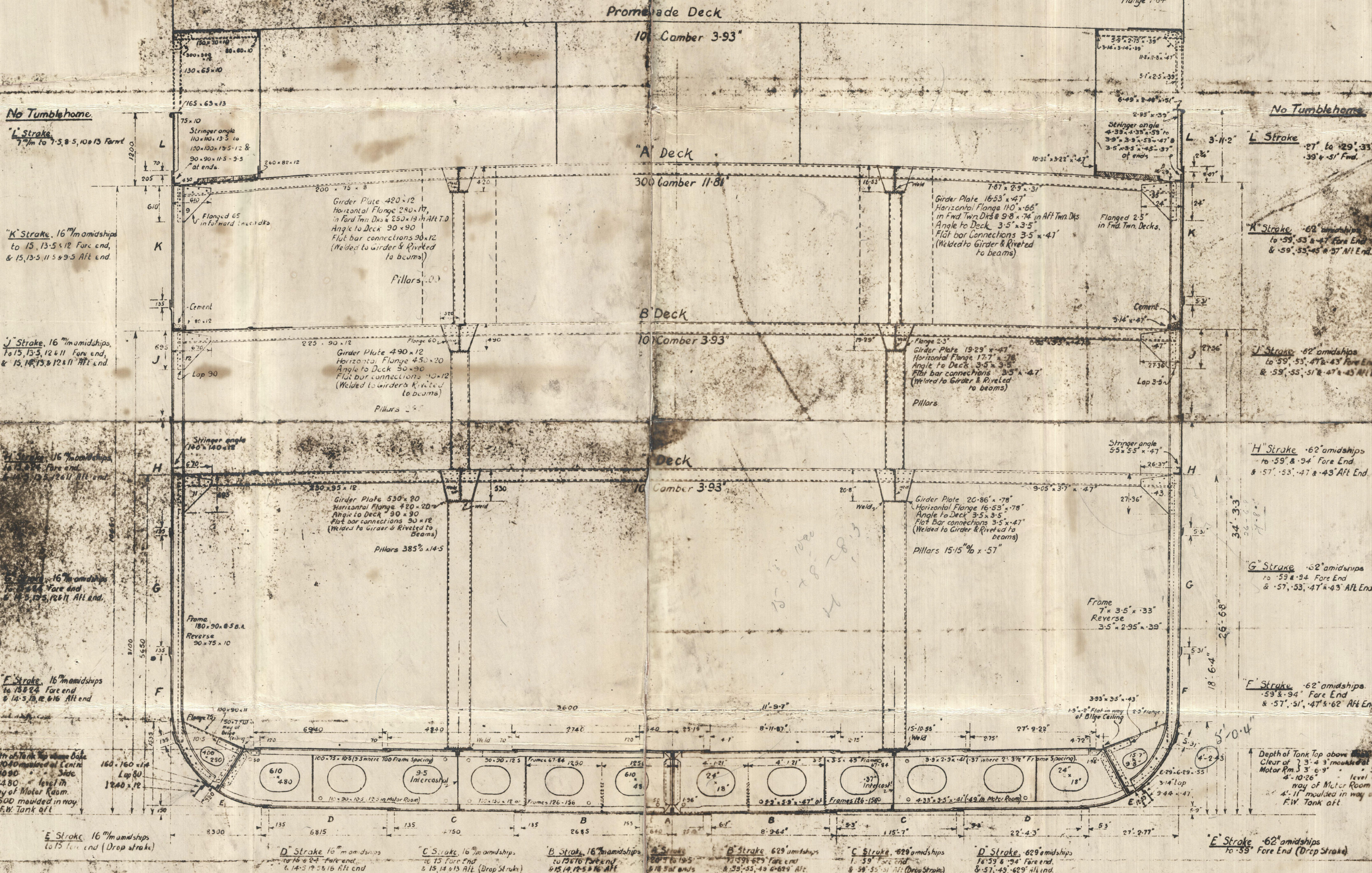
**Equipment**  
2 Bower Anchors  
1 Stream Anchor  
1 Hauler 185m 3/4" L  
185m 3/4" L  
2 Haulers 185m 2 1/4" L  
Fathoms 59 7/8m Chain Cable  
38 7/8m " For Stream Anchor  
AS ON GERMAN RIGGING PLAN  
(PLEASE VERIFY, IF POSSIBLE)

### METRICAL SCANTLINGS

Frame Spacing	Framing
Aft of Frame 9 - 600 mm	Aft - 3 - 180 x 90
Frames 9-125 - 800 "	Frames 34-49 - 230 x 90 x 11 B.A.
125-149 - 700 "	51-65 - 180 x 90 x 8.5 B.A. 90 x 75 x 10 Reverse
149-171 - 400 "	67-84 - 180 x 90 x 8.5 " "
171-173 - 600 "	86-89 - 180 x 90 x 10.5 " 90 x 75 x 10.5 "
	Midship body
	126-132 - 180 x 90 x 8.5 " 120 x 120 x 10 "
	132-134 - 180 x 90 x 8.5 " 120 x 130 x 14 "
	154 - 173 - 180 x 90 "
	Web Frames at 65, 72, 74, 76, 78, 82 - 440 x 10 Flange 200

### ENGLISH EQUIVALENTS

Frame Spacing	Framing
Aft of Frame 9 - 23'-6"	Aft - 3 - 7'-3-5"
Frames 9-125 - 31'-4-9"	Frames 34-49 - 9'-3-5" x 43'-8-1/2"
125-149 - 27'-5-5"	51-65 - 7'-3-5" x 33'-1-3-5" x 2-9-5" x 3-9" Reverse
149-171 - 15'-7-4"	67-84 - 7'-3-5" x 33'-1-3-5" x 2-9-5" x 3-9" "
171-173 - 23'-6"	86-89 - 7'-3-5" x 41'-1-3-5" x 2-9-5" x 4-1" "
	Midship body
	126-132 - 7'-3-5" x 41'-1-3-5" x 4-7-2" x 3-9" "
	132-134 - 7'-3-5" x 33'-1-3-5" x 4-7-2" x 3-9" "
	154 - 7'-3-5" "
	Web Frames at 65, 72, 74, 76, 78, 82 - 17'-3-2" x 39'-1-3-5" Flange 7'-8-1/2"



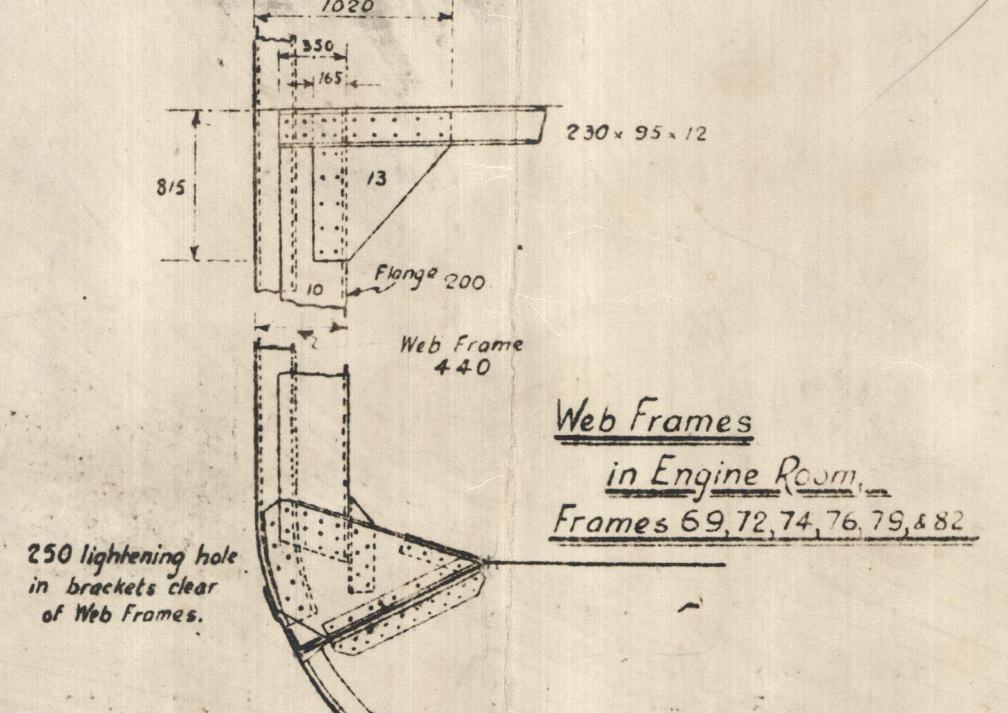
**Tank Frames to Floors**  
Frames 65-111 110 x 90 x 10-5  
66-85 110 x 90 x 12-5  
86-125 110 x 90 x 10-5  
126-154 150 x 150 x 12

**Tank Frames Open Floors**  
Frames 65-111 250 x 90 x 12 Dub Angle  
86-125 250 x 90 x 12

**Margin Angles to Shell**  
Forward of Motor Room 90 x 90 x 13-12-5  
In Motor Room & Aft 140 x 140 x 13

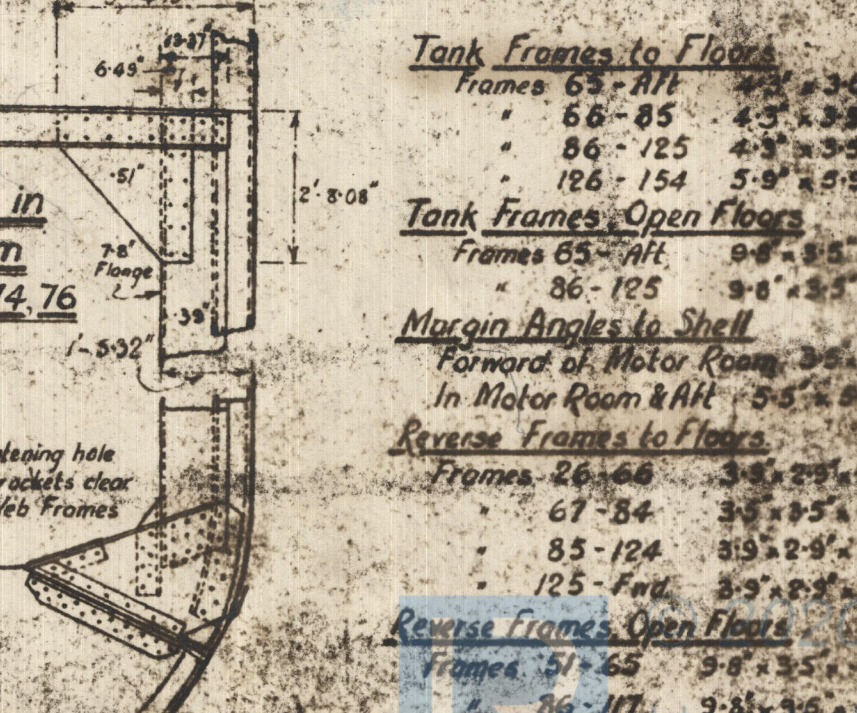
**Reverse Frames to Floors**  
Frames 26-66 100 x 75 x 10-5  
67-84 90 x 90 x 10-5  
85-124 100 x 75 x 10-5  
125 - Fwd. 100 x 75 x 9-5

**Reverse Frames Open Floors**  
Frames 51-65 250 x 90 x 11 Dub Angle  
86-117 250 x 90 x 11



**Double Bottom**  
Margin Plate 12-5-12 at Fore End  
Floors 10-5, 9-5 in way of 700 Frame Spacing  
2 1/2" m thicker at O.T. Floors  
Intercostals 9-5, 11-5 at 1/2 depth & 5 1/4" depth in M.R.  
Frame Brackets 10 in way of 700 frame spacing  
Heisenberg 8 in Motor Room, 12 at Frame 36 1/2 Bul Frame  
Open Floor Brackets 10-5  
Frame Bracket Gussets to T.T. 10-5 & 9-5  
Centre Girder Top Angles 90 x 90 x 10, 100 x 100 x 16 M.R.  
Vertical Flat Bar Connections Frs 8-43 x 3-5  
Frs 44-137 x 130 x 13 Frs 138-154 x 90 x 9-5, 10 Open Floor 10-13  
Bottom Angles

**Double Bottom**  
Margin Plate 49-47 at Fore End  
Floors 41-37 in way of 2-3/4" Frame Spacing  
1/2" thicker at O.T. Floors  
Intercostals 37-45 at 1/2 depth & 59 at 1/4 depth in M.R.  
Frame Brackets 39 in way of 2-3/4" Frame Spacing  
4-3 elsewhere 8 in Motor Room, 47 at Frame 36, 59 at Frame 139  
Open Floor Brackets 41-  
Frame Bracket Gussets to T.T. 41- & 37-  
Centre Girder Top Angles 3-5 x 3-5 x 39, 3-9 x 3-5 x 62 in M.R.  
Vertical Flat Bar Connections Frs 18-43 x 3-5 x 51  
Frs 44-137 x 51 x 51, Frs 138-154 x 3-5 x 37 to Open Floors 3-5 x 51



**Tank Frames to Floors**  
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66-85 110 x 90 x 12-5  
86-125 110 x 90 x 10-5  
126-154 150 x 150 x 12

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Frames 26-66 100 x 75 x 10-5  
67-84 90 x 90 x 10-5  
85-124 100 x 75 x 10-5  
125 - Fwd. 100 x 75 x 9-5

**Reverse Frames Open Floors**  
Frames 51-65 250 x 90 x 11 Dub Angle  
86-117 250 x 90 x 11

### METRIC SCANTLINGS

### ENGLISH SCANTLINGS



SPENSER

Spenser in Law of EC III

Bremer Vulcan.  
no 711.

"Empire Confidence"  
Ex

Poland.  
Lou 109428

Midship Sec.



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