

Nº 658 M.

SCALE  $\frac{1}{2}'' = 1 \text{ FOOT}$

TO CLASS 100 A.I. AT LLOYDS. F.S.S.

THE SCANTLINGS OF DECK BEAMS ARE IN ACCORDANCE WITH THE REQUIREMENTS OF 1921-22 RULES. AT THE SPECIAL REQUEST OF THE OWNERS.

EQUIPMENT

3 BOWSER ANCHORS 1/2 TONS EACH STOCKLESS (GRADE ABOVE RUMBLE)  
1 STREAM ANCHOR 20 TONS EX-STOCK  
300 TATHOMS 2 1/2" CHAIN CABLE  
120 " 1 1/2" STREAM CHAIN OR 5" STEEL WIRE.  
130 " 15 HEMP OR 5/8" STEEL WIRE. 10W LINE.  
2 HAWKERS OF 100 TATHOMS EACH 8 HEMP OR 2 1/2" STEEL WIRE.  
2 WARTS. OF 100 " 8 HEMP OR 2 1/2 " "

FRAMES.

DOUBLE BOTTOM.

FLOOR TAILS .44"  $\frac{3}{8}$ " FLANGED.  
 INTERCOSTALS .44" FLANGED TO FLOORS AND TO TANK TOP AND NOT FLANGED FOR  $\frac{3}{8}$ " LENGTH AT FORE END, OR IN ENGINE SPACE, OR UNDER RILLARS.  
 INTERCOSTALS IN ENGINE SPACE .48"  
 INTERCOSTALS IN FLOORS OR  $\frac{3}{8}$ " FLAT AT FORE END  $3 \times 5 \times .49$ "  
 INTERCOSTAL TOP ANGLES ENGINE SPACE DOUBLE UNDER ENGINE SEAT.  
 INTERCOSTAL SKEW ANGLES  $5 \frac{1}{2} \times 6 \frac{1}{2} \times .49$   $\frac{3}{8}$ " FLANGE TO SHELL.  
 INTERCOSTAL VERTICALS  $5 \frac{1}{2} \times 6 \frac{1}{2} \times .49$   $\frac{3}{8}$ " FLANGE TO SHELL.  
 INTERCOSTAL VERTICALS ENGINE SPACE  $3 \times 5 \times .46$ "

4 DIAR HOLES WHERE NON-W.T. MANHOLES OUTSIDE OF  $\frac{3}{4}$  Q.L.

STERN FRAME 11" x 3 1/2" STEEL CASTING  
STEM 10 1/2" x 2 3/8" ROLLED STEEL  
RUDDER AS PER RULE  
BULKHEADS AS PER PROFILE  
RIVETS TO BE OF IRON.

### ELEVATION OF CENTRE GIRDER

### ELEVATION OF TANK INTERCOSTALS.

### PLAN OF KEEL PLATE OVERLAPS

SKETCH SHOWING METHOD OF SCARFING FRAMES  
SCALE 1" = 1 FOOT.



T. S. M. V. "Maka Maru"  
Midship Section  
(Vessel as built)

DTM. Henderson & Co. Ltd

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GLASGOW REPORT No.

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