

PLAN NO 1

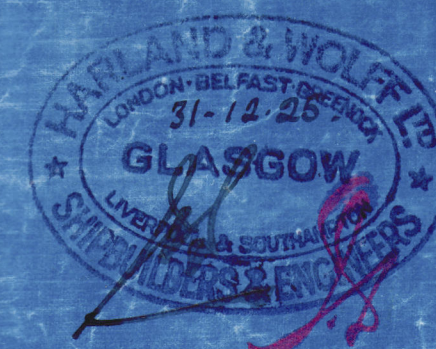
M V "MYRTLEBANK"

MIDSHIP SECTION

DIMENSIONS: 420'-0" B.P. x 53'-9" M^{LD} x 38'-1" K. TO B.

SCALE $\frac{1}{2}$ " = 1 FOOT.

TO CLASS 100 A1 [WITH FREEBOARD]



NUMERALS

$D = 37.15$ $d = 25.56$
 $L \times D = 419.5 \times 37.15 = 15584$
 $L \times (B+D) = 419.5 (53.75 + 37.15) = 38133$
 $\frac{L}{D} \text{ TO SHELTER DECK} = 11.3$
 EQUIPMENT "N"
 $38133 + 328 = 38461$

SHELTER DECK

6" x 6" x 60" ANGLE

2 7/8" DIA. SOLID PILLARS
ON ALT. BEAMS

UPPER DECK

EXTRACTS FROM SPECIFICATION

THE THICKNESSES OF THE FOLLOWING ITEMS ARE EACH TO BE INCREASED 10% ABOVE THOSE APPROVED BY LLOYDS

- VERTICAL TANK CENTRE PLATE
- TOP & VERTICAL ANGLES OF TANK CENTRE PLATE
- SOLID & BRACKET FLOOR PLATES
- TANK REVERSE FRAMES
- TANK MARGIN PLATE
- VERTICAL ANGLE ON TANK MARGIN PLATE INSIDE TANK
- INTERCOSTAL PLATES
- TOP & VERTICAL ANGLES ON INTERCOSTAL PLATES
- TANK TOP PLATING
- SHELTER DECK SHEER STRAKE FORE & AFT
- FLAT KEEL PLATES & BOTTOM SHELL
- PLATING FOR 2 OF 5 LENGTH FOR WIDTH OF DOUBLE BOTTOM
- I.E. FROM MARGIN PLATE TO MARGIN PLATE

BETWEEN FRAMES 20A & 7E

30-2 1/2" MIDSHIPS
30-1" AT LOWEST POINT

SCANTLINGS &
SPACING OF STIFFENERS
AS PER PROFILE
STIFFENERS DOUBLED
AT HATCH ENDS

EQUIPMENT

2 BOWER ANCHORS	45 CWTs EACH	COLLECTIVE WEIGHT
1 " "	45 " "	= 195 CWTs
1 STREAM	19 " "	EX. STOCK
240 CATWORMS	2 3/4" CHAIN CABLE	
90	1 9/16" STREAM CHAIN OR 5" STEEL WIRE	
120	15" HEMP TOWLINE	5 1/2 " "
2 AT 90	8" " HAWSERS	2 3/4 " "
2 AT 90	7" " WARPS	2 1/2 " "

FRAMING

FRAMES SPACED 3 1/2' APART 27' FORWARD 3 1/2' L. 2 1/2' IN PEAKS.
 FRAMES 7' x 3 1/2' x 50' ALL TO SHELTER DECK. REV. FRAMES 10' x 4' x 52' TO
 UPPER DECK FORMING 13 1/2" GIRDER IN HOLDS, REVERSE FRAMES IN WAY
 OF DEEP TANK INCREASED .04" IN THICKNESS.
 FRAMING IN PEAKS 7 1/2' x 3 1/2' x 4 1/2' B.A.
 WEB FRAMES IN MACHINERY SPACE AS PER PROFILE

DOUBLE BOTTOM

CENTRE GIRDER 13 1/2" x 58" FOR 2 L. ENDS 4 1/2" x 4 1/2" B.
 SIDE GIRDER 4 1/2" IN HOLDS & ENGINE ROOM 52 B.
 MARGIN PLATE 4 1/2" x 54"
 FLOORS & BRACKETS 4 1/2"
 TANK TOP CENTRE STRAKE 5 1/2" x 52" TO 4 1/2" IN HOLDS 58 B.
 IN HOLDS 4 1/2" TO 4 1/2" 52" IN ENGINE ROOM 58 B. 1/4" .08 IN HOLDS IN WAY OF HATCHES WHERE NO CEILING FITTED
 CENTRE GIRDER BOTTOM ANGLES 5' x 5' x 56" TO 52" DOUBLE
 CENTRE GIRDER TOP ANGLES 3 1/2' x 3 1/2' x 54" TO 50"
 MARGIN ANGLE TO SHELL 3 1/2' x 3 1/2' x 54" THROUGHOUT
 TANK FRAMES, REVERSE FRAMES, SIDE GIRDER ANGLES, VERTICAL ANGLES
 ON CENTRE GIRDER MARGIN PLATE ALL 3 1/2' x 3 1/2' x 46" [3 FLANGES WHERE 1/2" RIVETS FITTED]
 VERTICAL ANGLES ON INTERCOSTALS 3' x 3' x 40"

TANK TOP PLATING 4 1/2" TO 4 1/2"
 52" IN MACHINERY SPACE 58" IN BOILER ROOM.
 8' x 4 1/2" CEILING WP. LANDING DOUBLE & SINGLE DOUBLE OVER OIL
 UNDER HATCHES IN N° 1 & 2 HOLDS
 SINGLE 6' x 6' x 50" LUGS.
 SECTION 35 OF THE RULES TO BE COMPLIED WITH

3 1/2' x 3 1/2' x 42"
CENTRE STRAKE
53 1/2' x 52" x 44"
 43 1/2' x 58" TO 46" 64" IN BOILER SPACE
 3 1/2' x 3 1/2' x 46" SINGLE 10' x 4 1/2' SINGLE IN MACH.
 SPACE UNDER BOILER BEARERS & THRUST
 5' x 5' x 56" - 52"

KEEL PLATE 52 1/2' x 79" x 64"

SINGLE

42 BRACKETS
52 B (9)

9' x 3 1/2' x 45 B.A. 55 B.

9' x 3 1/2' x 45 B.A. 55 B.

BRACKET FLOORS

3 1/2' FLANGE WHERE 3/4" RIVS

4 1/2" RIVETS

8' x 8' RIVS

42 52 B

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9' x 3 1/

Starland & Woeff No 683.G.
M.V. Myrtlebank *
Midship Section as built

GLASGOW REPORT No. 45289

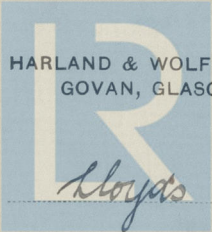
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