

PLAN NO. 1

NO 6846 M. V. "OLIVEBANK"

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 100A [WITH FREEBOARD.]



Copy to
MR KEITH 26.5.23
LLOYD'S 31.5.23 5.0.24
DO 8.6.23
BELFAST
OWNERS 16.6.23
MIDKINSON 24.7.24
LLOYD'S 24.7.24
24.7.24
24.7.24

NUMERALS.

D = 37.15 d = 25.56
L x D = 419.5 x 37.15 = 15584
L x (B+D) = 419.5 (53.75+37.15) = 38133
L/D 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 LLOYD'S
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 2/3 LENGTH FOR WIDTH OF DOUBLE BOTTOM.
I.E. FROM MARGIN PLATE TO MARGIN PLATE

BETWEEN FRAMES 20A & 7E

30-2 3/4" MIDSHIPS.
30-1" AT LOWEST POINT.

DECK PLATING 39'-36"

HATCH SIDE

DECK PLATING 53'-36"

WOOD DECK 5 x 3 P.P.

15" WATERWAY
GUTTER ANGLE 3x2 1/2 x 40 5/8 DECK
6" x 4" x 61" TO 3 1/2" x 3 1/2" x 42"
STRINGER 62" x 61" TO 39" x 42"

10 1/2" ABOVE BEAMS

12" TUMBLE HOME

L' (OUT) 73 1/2 x 69'-47"

BEAMS 8" x 41" x 3 1/2" x 3 1/2" x 52" CHANNELS ABAFT 1/8 LENGTH
FOR 2/3 OF 1/8 LENGTH AS PER RULES
BEAMS ON EVERY FRAME
CAMBER 13" IN 53'-9" DECK.
STEM BAR 9 1/4" x 2 3/8"
STERNFRAME (NO APERTURE) 10 1/2" x 3 1/4"

HALF BEAMS 7" x 3" x 38" B.A. ABAFT 1/8 LENGTH
KNEES 21" x 36" FLANGED FOR 2/3 OF 1/8
LENGTH AS PER RULES

KNEES 28 1/2" DEEP x 36" FLANGED

DECK PLATING BETWEEN OPENINGS 34" TO 30"

HATCH SIDE

DECK PLATING 38" TO 30"

CHOCKS 3 1/2" x 3 1/2" x 42" TO 34"
STRINGER BAR 8 x 8 x 40 TO 34"
STRINGER 57 1/2" x 40 TO 36" x 34"

FRAMES IN WAY OF DEEP
TANK CUT & BRACKETED

K' (IN) 75 x 65'-47"

BEAMS 10" x 51" x 3 1/2" x 3 1/2" x 56" CHANNELS
BEAMS AT ENDS - SECTION 15, CLAUSE 14
FOR HATCH END BEAMS SEE SEPARATE PLAN.

KNEES 33" DEEP x 37" FLANGED

HALF BEAMS 8" x 3" x 36" B.A.
KNEES 26" x 37" FLANGED

EQUIPMENT

2 BOWER ANCHORS 15 CWTs EACH } COLLECTIVE WEIGHT
1 " " 65 " } = 195 CWTs
1 STREAM " 19 " EX. STOCK
270 FATHOMS 2 3/8" CHAIN CABLE
90 " 1 3/8" STREAM CHAIN OR 5" STEEL WIRE
120 " 15" HEMP TOWLINE " 54" " "
2 AT 90 " 8" " HAWSERS " 2 1/2" " "
2 AT 90 " 7" " WARPS " 2 1/2" " "

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

FRAMING

FRAMES SPACED 31 1/2" APART 27" FORWARD 3/4 L 24" 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 10% IN THICKNESS.
FRAMING IN PEAKS 7 1/2" x 3 1/2" x 41" B.A.
WEB FRAMES IN MACHINERY SPACE AS PER PROFILE.

DOUBLE BOTTOM

CENTRE GIRDER 13 3/4" x 58" FOR 2 1/4 ENDS 46" 64" B.
SIDE GIRDER 42" IN HOLDS & ENGINE ROOM 52 B.
MARGIN PLATE 41" x 54"
FLOORS & BRACKETS 42"
TANK TOP CENTRE STRAKE 58 1/2" x 52" TO 44" IN HOLDS 58 B.
IN HOLDS 44" TO 40" 52" IN ENGINE ROOM 58 B. [+ 0.8 IN HOLDS IN WAY OF HATCHES WHERE NO CEILING FITTED]
CENTRE GIRDER BOTTOM ANGLES 5" x 5" x 36" 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 1/4" RIVETS FITTED]
VERTICAL ANGLES ON INTERCOSTALS 3" x 3" x 40"

IN WAY OF BOILER ROOM
ALL ANGLE BARS NOT
COVERED BY CEMENT
TO BE INCREASED BY
10"

TANK TOP PLATING 46" TO 40"

52" IN MACHINERY SPACE 38" IN BOILER ROOM

8" x 2 1/2" CEILING W.P. LANDING DOUBLE & SINGLE DOUBLE OVER OIL

UNDER HATCHES IN N° 1 & 2 HOLDS

SINGLE 4" x 6" x 50" LUGS SECTION 35 OF THE RULES TO BE COMPLIED WITH

CEILING 8" x 2 1/2" W.P. 3 1/2" FLANGE

GUSSET ANGLE 3 1/2" x 3 1/2" x 46"

6" x 8" RIVETS

3 1/2" x 3" x 42"

CENTRE STRAKE

53 1/2" x 52" x 46"

3 1/2" x 3 1/2" x 54" TO 50"
13 1/4" x 58" TO 46" 64" IN BOILER SPACE
3 1/2" x 3 1/2" x 46" SINGLE 10" x 4" x 46" SINGLE IN MACH.
SPACE UNDER BOILER BEARERS & THRUST
5" x 5" x 56" TO 52"

DOUBLE UNDER MACH.
BOILER BEARERS & THRUST
3 1/2" x 3 1/2" x 46"
36" x 18" FLOORS 42" 52 B.
15 HOLES

3 1/2" x 3 1/2" x 46" 3" VERT 5" "
3 1/2" x 3 1/2" x 56" B.A.
36" x 18" 42" 52 B.
3 1/2" x 3 1/2" x 46"

3 1/2" x 3 1/2" x 46" 3" VERT 5" "
3 1/2" x 3 1/2" x 56" B.A.
36" x 18" 42" 52 B.
3 1/2" x 3 1/2" x 46" 6" x 6" x 46" SINGLE FOR 2/3 OF 1/8 LENGTH.

MARGIN PLATE 41" x 34"
3 1/2" x 3 1/2" x 46" SINGLE 8" x 8" RIVETS

10" x 50" BULB PLATE

F' (IN) 50 x 61' x 50"

6" x 4" x 50" TEE BAR

10" x 50" BULB PLATE

KEEL PLATE 52 1/2" x 79" x 60"

B' (IN) 72 x 61' x 50"

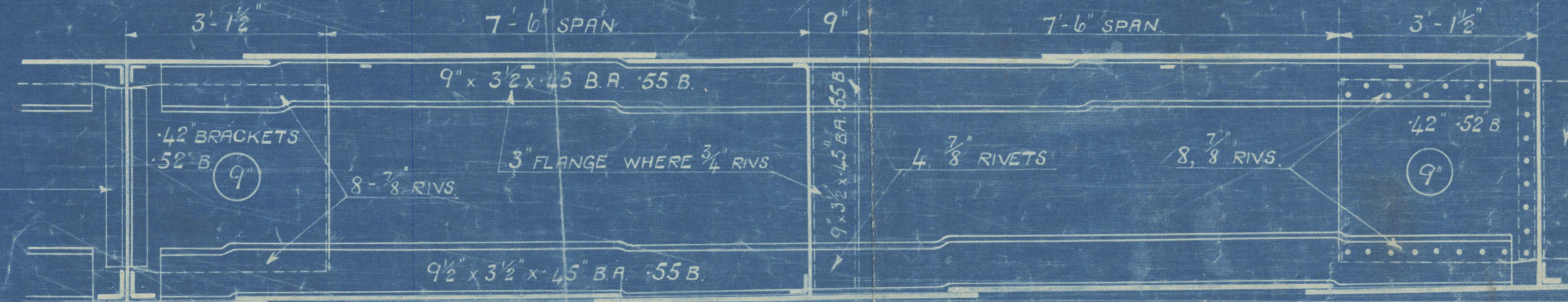
C' (OUT) 72 x 61' x 50"

D' (IN) 72 x 61' x 50"

E' (OUT) 72 x 61' x 50"

3 1/2" x 3 1/2" x 46" DOUBLE IN MOTOR ROOM &
FOR 2/3 L. 6" x 6" x 46" SINGLE ELSEWHERE

BOTTOM SHELL PLATING 61' x 30" LANDINGS 5 1/4" DOUBLE RIVETED.



BRACKET FLOORS.



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HARLAND & WOLFF LIMITED,
GOVAN, GLASGOW.

THIS ENCLOSURE TO BE SENT TO

Lloyds Register of Shipping
Glasgow

NUMERALS.

D = 37.15

X Blyth Navigator

Ex

M.V. OLIVEBANK

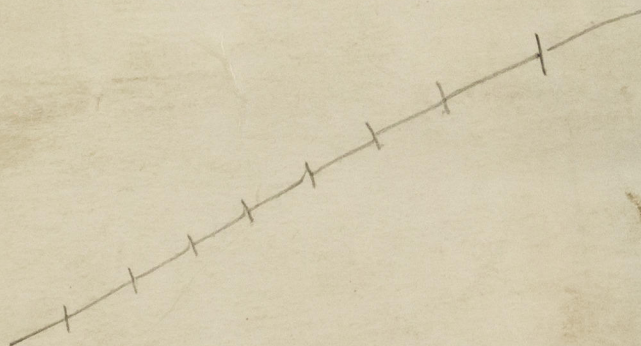
Harland & Woelff No 684 G

Midship Section as built

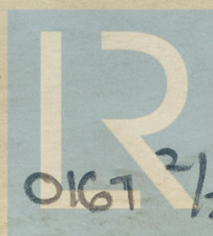
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