

# MIDSHIP SECTION

Nº 395. S.S.

SCALE 1/2" = ONE FOOT.

DIMENSIONS  
419'-0" x 53'-8 1/2" x 32'-3 1/4" MLD. TO UPPER DECK.

NUMERALS  
BREADTH = 53.70  
DEPTH = 32.27  
85.97 TRANSVERSE Nº  
419  
56021 LONGITUDINAL Nº

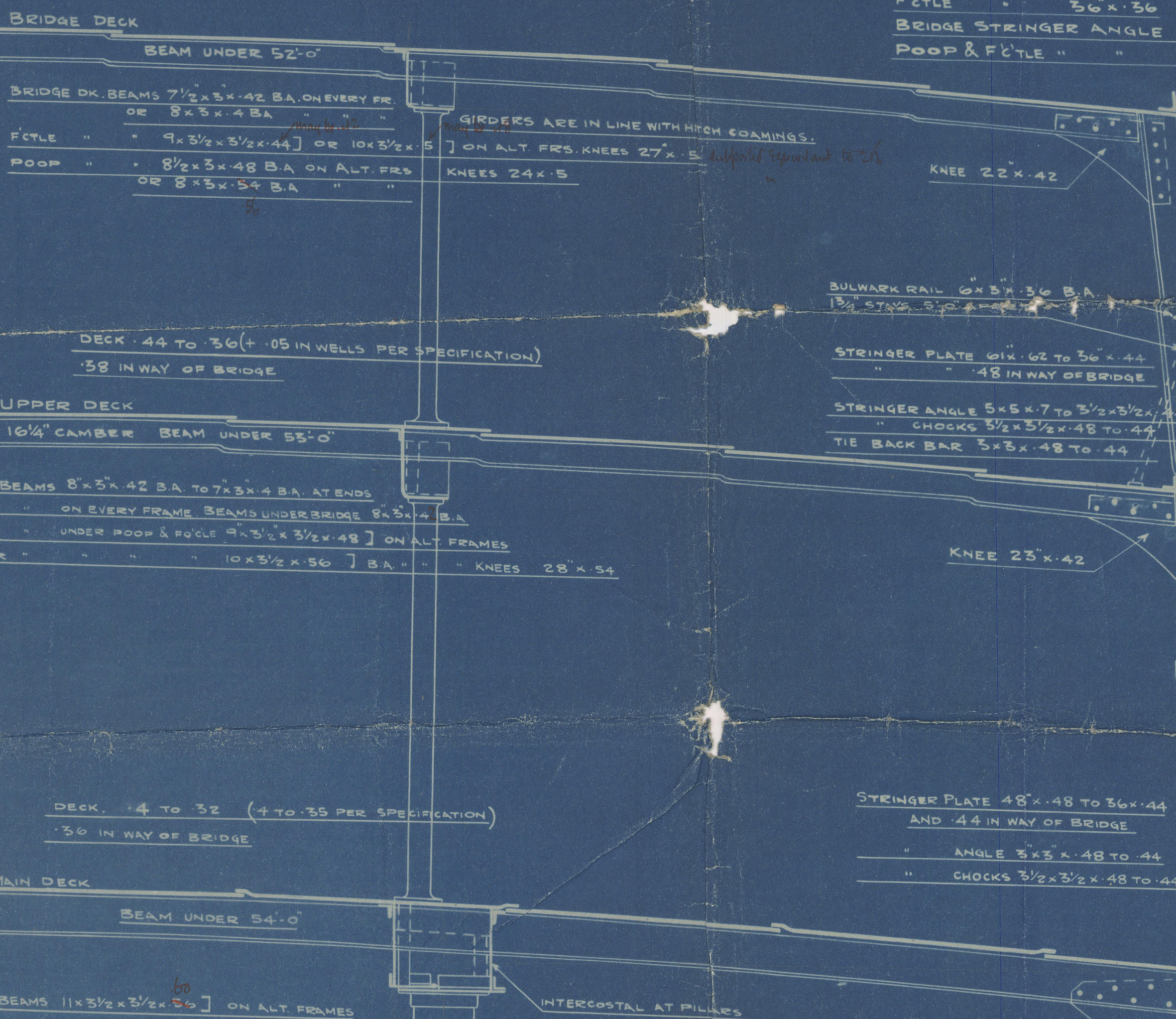
PROPORTIONS  
DEPTHS TO UPPER DECK 12.78  
" " BRIDGE " 10.4

BRIDGE DECK .4  
POOP " .34  
F'CTLE " 5/20 SHEATHED WITH 5"x5" PITCH PINE

BRIDGE STRINGER 66"x52"  
POOP " 36"x36"  
F'CTLE " 36"x36"  
BRIDGE STRINGER ANGLE 5"x5"x62"  
POOP & F'CTLE " 3 1/2"x3 1/2"x36"

EQUIPMENT NUMBER  
(53.7+32.27) x 419 = 36021.43  
POOP 34.75 x 7.5 x 7.5 = 195.46  
BRIDGE 127.58 x 7.95 x 7.5 = 760.69  
F'CTLE 44.5 x 7.75 x 7.5 = 258.65  
HOUSES 52.25 x 7.25 x 5 = 189.40  
CASINGS 50 x 7.25 x 5 = 180.50  
37,556.13

EQUIPMENT  
2 BOWER ANCHORS EACH 6334 CWTs STOCKLESS  
1 " " 54 1/2 " " "  
1 STREAM 17 1/2 " " EX STOCK  
1 KEDGE 7 1/2 " " "  
270 FATHOMS 2 1/4" STUD CHAIN CABLE  
90 " 4 3/4" STREAM STEEL WIRE  
120 " 5" TOWLINE " "  
2 AT 90 FATHOMS 2 3/4" HAWSER " "  
2 " 90 " 8" MANILLA WARPS



N OUT 11/16  
60"x7 AT BRIDGE BUTTS LAPPED & QR  
.38 AT POOP  
142 F'CTLE  
10 LAN

M IN 11/16  
48"x66 BUTTS LAPPED & QR  
.38 AT POOP & .42 AT F'CTLE  
BULWARK 5/20  
6" LAN AT BRIDGE SINGLE AT POOP & F'CTLE

L OUT 15/16  
SHEERSTRAKE 57"x92" TO .46 + .02 = .94  
11/16 .64 IN BRIDGE DOUBLED FOR 20'-0" AT ENDS OF BRIDGE  
+ .02 = .68 " " BUTTS QUINUPLE RIVETED FOR 1/2 L.  
3 " " OUTSIDE BRIDGE AS PER THICKNESS  
5/4 LAN

K IN 11/16  
48"x74 TO .46 + .02 = .76  
10/16 .64 IN BRIDGE BUTTS LAPPED AND QUINUPLE RIVETED  
+ .02 = .66 " " FOR 1/2 L. OUTSIDE BRIDGE  
5/4 LAN

J. OUT 10/16  
68"x64 TO .46  
+ .02 = .66  
5/4 LAN

H. IN 11/16  
68"x64 TO .46  
+ .02 = .66  
5/4 LAN

D 18'-10 3/4"

G OUT AND IN 10/16  
68"x64 TO .46  
+ .02 = .66  
5/4 LAN

F OUT 11/16  
68"x64 TO .46  
+ .02 = .66  
5/4 LAN

E IN 10/16  
69"x66 TO .48  
5'-7"  
SINGLE KEEL 6"x4"x5 TEE  
BULW PLATE 9"x4"

FRAMES IN FORE PEAK 7 1/2"x3 1/2"x44" B.A. SPACED 24" APART TO F'CTLE DK.  
" 10"x3 1/2"x56" B.A. SPACED 27" APART TO MAIN & BRIDGE DKs. ALTERNATELY + .02  
ALTERNATE FRAMES BETWEEN MAIN & UPPER DKs. 6 1/2"x3 1/2"x42" B.A. OR 7"x3 1/2"x46" ANGLE  
BULKHEADS .30 AMIDSHIPS .20 TWEEN DKs 5 1/2" FLANGES  
STEM 10 1/2"x2 3/4" STERNPOST 10 1/2"x8" & 9"x8" RUDDER HEAD 10"  
OR 10"x2 3/8"

TANK SCANTLINGS  
CENTRE STRAKE 72"x5" TO .42 (RULE 44) 56'8"  
TOP PLATING .4 TO .36 .5 IN E.S. & .56 IN B. SPACE (+ .02 ON ONE STRAKE)  
MARGIN PLATE 38"x48" .58 IN B. SPACE  
FLOORS .4 TO .36 .5 IN B. SPACE  
INTERCOSTALS .4 TO .36 .5 IN B. SPACE  
FRAMES 4"x3 1/2"x4 TO .38 DOUBLED FORWARD OF 3/5 LENGTH  
REV FRAMES 4"x3 1/2"x4 TO .38 .5 IN B. SPACE  
" DOUBLED UNDER ENGINE BED PLATE 5'-0" beyond after engine bed  
VERTICAL CONNECTING ANGLES 3"x3"x4" .25 IN B. SPACE

*10'-0" x 58" B.A.  
if Main frames at each end  
of bridge is failed to be added*

RIVETING  
KEEL PLATE BUTTS LAPPED AND QUINUPLE RIVETED TO  
TREBLE RIVETED BUTTS WHERE NOT EXCEEDING 70  
SHELL BUTTS FROM KEEL 2 UPPER TURN OF BILGE  
LAPPED & QUINUPLE RIVETED FOR 1/2 LENGTH  
SHELL BUTTS FROM UPPER TURN OF BILGE TO STRAKE BELOW  
SHEERSTRAKE LAPPED AND TREBLE RIVETED.

TANK TOP PLATING INCREASED  
.08 UNDER HATCHES

THIS STRAKE OF PLATING  
INCREASED .02 EX. E.S. SPACE.

2 1/2" CEILING  
FLANGED 3 1/2"  
GUSSETS 2'-0"x20"x1/4" TO .30  
TWO CLEAR SPACE SPACES APART  
3 1/2" DROP ON TANK

4 1/2"x4 1/2"x6 TO .56 SINGLE  
3 1/2"x3 1/2"x52 IN E.S. DOUBLE  
3 1/2"x3 1/2"x48 DBLE FORWARD  
OF 3/5 L.

5 1/2"x56 TO 3 1/2"x3 1/2"x4  
5 1/2"x6 IN B. SPACE  
CENTRE GIRDER 44"x52 TO .42  
" 6" IN B. SPACE  
" 4 1/2"x4 1/2"x6 TO .56

INTERCOSTAL IN  
ENGINE SPACE  
42"x16"  
INTERCOSTAL  
UNDER PILLARS  
42"x16"  
INTERCOSTAL  
UNDER PILLARS  
42"x16"

5"x3 1/2"x42" .5 IN B. SPACE  
42"x16"  
5"x3 1/2"x42" .5 IN B. SPACE  
42"x16"  
5"x3 1/2"x42" .5 IN B. SPACE  
42"x16"

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42"x16"

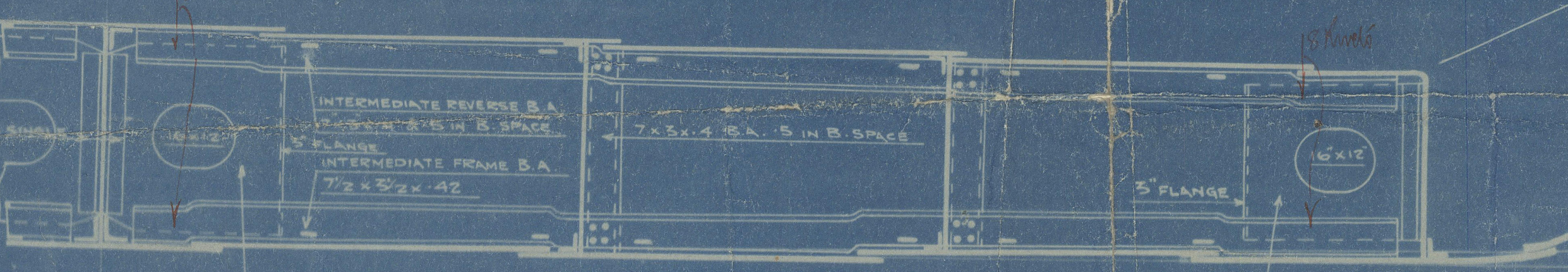
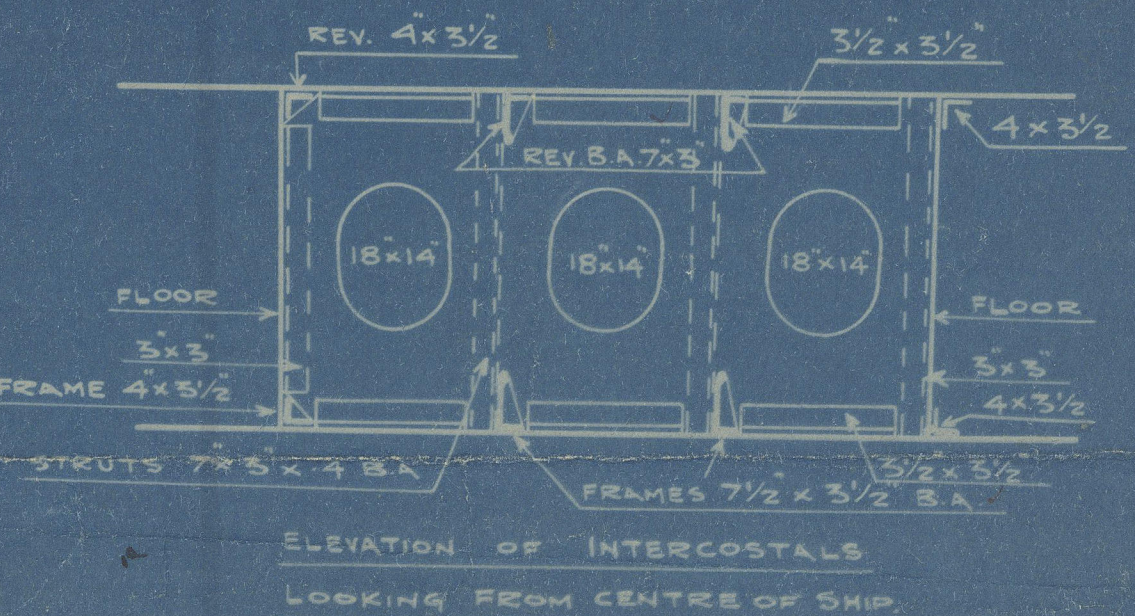
6" LAN. A. IN. 5/4 LAN. B. OUT. 5/4 LAN. C. IN. 5/4 LAN. D. OUT. 5/4 LAN. MARGIN ANGLE 4"x4"x48"

72"x66 TO .48  
+ .02 = .68  
11/16

72"x66 TO .48  
+ .02 = .68  
11/16

72"x66 TO .48  
+ .02 = .68  
11/16

A.B. & C STRAKES NOT REDUCED FORWARD (BELOW 1/2" THICKNESS AMIDSHIPS)  
" " REDUCED .02 IN WAY OF TANK WHERE .66 (WITHOUT ADDITION)  
AND .04 WHERE TANK IS .64 TO .54



INTERMEDIATE TANK BRACKET FRAMES



395

Midship Section

No 395

St. Bennoch

GLASGOW REPORT No. 41596

Benarty

GLASGOW REPORT No 45290

Elshie's Man



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Lloyd's Register  
Foundation

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