



M.V. "TREVIDER". MIDSHIP SECTION

SCALE 1/2" = 1 FOOT.

DIMENSIONS 425'-4" ON L.W.L. - 58'-0" EXT. - 57'-9" M.D. - 29'-1" M.D. TO SECOND D.K. - 38'-2" M.D. TO UPPER DECK

TO CLASS 100A1 WITH FREEBOARD AT LLOYDS.

CORRESPONDING TO A COMPLETE SUPERSTRUCTURE VESSEL HAVING A TONNAGE OPENING. (SEE NOTE ON DRAUGHT).

LLOYDS' NUMERALS	
FIRST LONGITUDINAL NUMBER L x D = 425.33 x 37.083	= 15773
SECOND LONG. NUMBER L x (B + D) = 425.33 x (37.75 + 37.083)	= 40336
L/D TO UPPER DECK = 425.33 x 38.166	= 11.14
D MOULDED DEPTH = 29.083 + 8	= 37.08
d = 38.166 - (39.0 + 4.0)	= 25.16
d AT HALF LENGTH FORWARD	= 27.25

EQUIPMENT NUMBER	
SECOND LONGITUDINAL NUMBER 425.33 x (37.75 + 38.166)	= 40796
FORECASTLE 35.75 x 7.5 x 3/4	= 201
MIDSHIP ACCOMMODATION AND CASING 72.5 x 7.5 x 1/2	= 272
SALON HOUSE 31.5 x 7.5 x 1/2	= 118
HOUSE AFT 34.5 x 7.5 x 1/2	= 129
EQUIPMENT NUMBER = 41510	

EQUIPMENT (NAR TIME REGULATIONS)	
2 BOWER ANCHORS 7 1/2 CWTs EACH STOCKLESS	
1 STREAM ANCHOR 20 1/2 CWTs EX STOCK	
240 FATHOMS 2 3/16 STUD CHAIN CABLE 675 CWTs (RULE 300 FATHOMS)	
120 " 5 FLEXIBLE STEEL WIRE 6 - 12	
130 " 5 SPECIAL FLEXIBLE STEEL WIRE 6 - 24	
2 HAWSEYS 100 FATHOMS 2 3/4 FLEXIBLE STEEL WIRE 6 - 12	
2 WARPS 100 " 2 3/4 " " " 6 - 12	

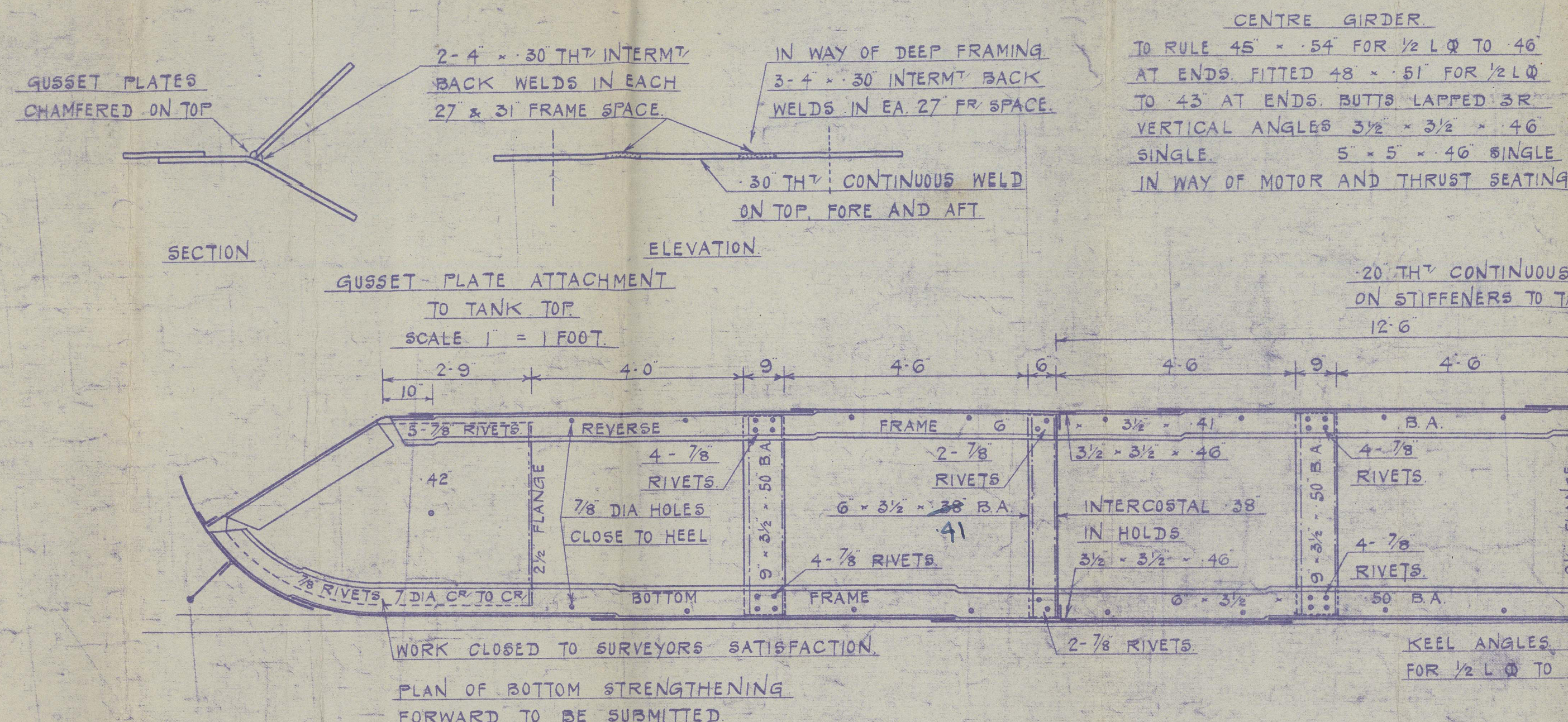
RIVETING

RIVETS IN FRAMES TO SHELL AT FLAT OF DOUBLE BOTTOM FORWARD OF HALF LENGTH FOR^d SPACED 5 1/2 DIA TWO COMPLETE ROWS
RIVETS IN FRAMES TO FLOORS AT FLAT OF DOUBLE BOTTOM FORWARD OF HALF LENGTH FOR^d SPACED 6 1/4 DIA TWO COMPLETE ROWS
RIVETS IN SIDE FRAMES TO SHELL SPACED 6 1/4 DIA APART 5 1/4 DIA APART IN WAY OF FORE AND AFT PEAKS, W.B.
TANKS AND DEEP FRAMING FORWARD.
RIVETS IN BOTTOM FRAMES TO SHELL AFT OF HALF LENGTH FORWARD SPACED 7 DIA APART CR TO CR.
RIVETS IN 3R BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 5 1/2 DIA CR TO CR.
RIVETS IN 4R BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 4 DIA CR TO CR.
RIVETS IN BEAMS OF SHELL PLATING, DECK AND INNER BOTTOM PLATING AS PER TABLE 40, BUT WHERE
7/8 DIA RIVETS ARE USED IN DECK AND INNER BOTTOM PLATING NOT OVER 50 THICK THE RIVETS MAY BE
SPACED 4 1/2 DIA APART CR TO CR.
RIVETS IN BEAMS AND BUTTS OF WT BULKHEADS AND TUNNEL PLATING SPACED 4 1/2 DIA CR TO CR AND 4 DIA
CR TO CR IN BEAMS AND BUTTS OF PEAK AND W.B. TANK BULKHEADS.
RIVETS IN FLAT KEEL ANGLES, VERTICAL ANGLES CONNECTING FLOORS TO CENTRE GIRDER, AND SHELL
PLATE OF WT BULKHEAD FRAME SPACED 5 DIA APART CR TO CR.
RIVETS IN WEATHER DECK STRINGER ANGLES, MARGIN ANGLES AND WT BULKHEAD FRAME TO BULKHEAD
SPACED 4 1/2 DIA APART CR TO CR.
RIVETS IN FRAMES TO FLOORS AFT OF HALF LENGTH FORWARD REVERSE FRAMES TO FLOORS AND INNER
BOTTOM PLATING, VERTICAL ANGLES TO FLOORS AND SIDE GIRDERS, IN BULKHEAD STIFFENERS (EXCEPT PEAK AND
W. BALLAST TANK BULKHEADS) AND IN DECK PLATING TO BEAMS ON EVERY FRAME SPACED 7 DIA APART CR TO CR.
RIVETS IN CENTRE GIRDER TOP ANGLES SPACED 7 DIA APART CR TO CR. NON-WATERTIGHT.
RIVETS IN CENTRE GIRDER TOP ANGLES SPACED 5 DIA APART CR TO CR. WATERTIGHT.

THE SCANTLINGS ARE THE MINIMUM WHICH WILL BE ACCEPTED FOR A LOAD DRAUGHT IS IN EXCESS OF
THAT CONTEMPLATED BY THE RULES FOR A COMPLETE SUPERSTRUCTURE VESSEL HAVING A TONNAGE OPENING.

ANGLE AND BULB ANGLE SECTIONS GIVEN ARE N.B.S. NEW BRITISH STANDARD.

STEM 10 1/4 - 2 1/2. STERNPOST 10 1/2 - 8 1/4. RUDDER POST 10 1/2 - 8 1/4.



WORK CLOSED TO SURVEYORS' SATISFACTION.

PLAN OF BOTTOM STRENGTHENING
FORWARD TO BE SUBMITTED.

DISPOSITION OF FLOORS IN HOLDS.
SOLID FLOORS UNDER BULKHEADS AND FORWARD
2 1/2 L FORWARD ELSEWHERE SOLID FLOOR ON EVERY
THIRD FRAME, BRACKET FLOORS INTERMEDIATE,
AS SHOWN ON PROFILE PLAN.

KEEL OUT.

53 - 64 FOR 1/2 L Q
TO 60 AT ENDS.
BUTTS LAPPED 4R FOR
1/2 L Q TO 3R AT ENDS.
1 DIA RIVETS IN BUTTS
OVER 72

A IN.

81 - 64 FOR 1/2 L Q
TO 50 AT ENDS.
BUTTS LAPPED 4R FOR
1/2 L Q TO 3R AT ENDS.

B OUT.

81 - 64 FOR 1/2 L Q
TO 50 AT ENDS.
BUTTS LAPPED 4R FOR
1/2 L Q TO 3R AT ENDS.

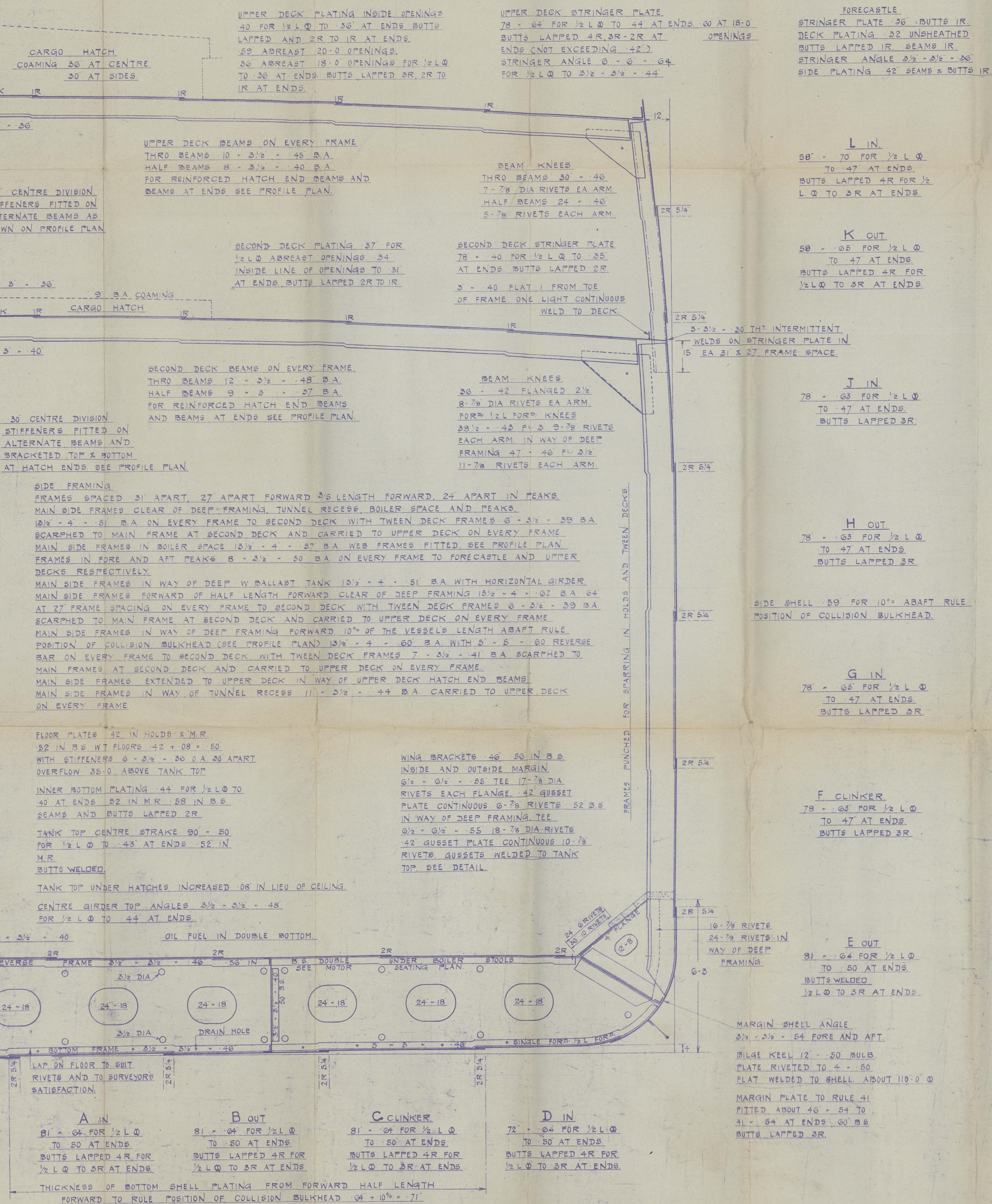
C CLINKER.

81 - 64 FOR 1/2 L Q
TO 50 AT ENDS.
BUTTS LAPPED 4R FOR
1/2 L Q TO 3R AT ENDS.

D IN.

72 - 64 FOR 1/2 L Q
TO 50 AT ENDS.
BUTTS LAPPED 4R FOR
1/2 L Q TO 3R AT ENDS.

THICKNESS OF BOTTOM SHELL PLATING FROM FORWARD HALF LENGTH
FORWARD TO RULE POSITION OF COLLISION BULKHEAD 64 + 10 = 74



FORECASTLE
STRINGER PLATE 36 BUTTS IR
DECK PLATING 32 UNSHEATHED
BUTTS LAPPED IR BEAMS IR
STRINGER ANGLE 3 1/2 - 3 1/2 - 36
SIDE PLATING 42 BEAMS & BUTTS IR

L IN.
50 - 70 FOR 1/2 L Q
TO 47 AT ENDS.
BUTTS LAPPED 4R FOR 1/2
L Q TO 3R AT ENDS.

K OUT
50 - 65 FOR 1/2 L Q
TO 47 AT ENDS.
BUTTS LAPPED 4R FOR
1/2 L Q TO 3R AT ENDS.

J IN.
78 - 63 FOR 1/2 L Q
TO 47 AT ENDS.
BUTTS LAPPED 3R

H OUT
78 - 63 FOR 1/2 L Q
TO 47 AT ENDS.
BUTTS LAPPED 3R

SIDE SHELL 59 FOR 10" ABAFT RULE
POSITION OF COLLISION BULKHEAD.

G IN.
78 - 63 FOR 1/2 L Q
TO 47 AT ENDS.
BUTTS LAPPED 3R

F CLINKER
78 - 63 FOR 1/2 L Q
TO 47 AT ENDS.
BUTTS LAPPED 3R

E OUT
81 - 64 FOR 1/2 L Q
TO 50 AT ENDS.
BUTTS WELDED.
1/2 L Q TO 3R AT ENDS.

MARGIN SHELL ANGLE
3 1/2 - 3 1/2 - 54 FORE AND AFT.

BULB KEEL 12 - 50 BULB
PLATE RIVETED TO 4 - 50
FLAT WELDED TO SHELL ABOUT 110-0 0
MARGIN PLATE TO RULE 41
FITTED ABOUT 46 - 54 TO
41 - 54 AT ENDS 60 B.S.
BUTTS LAPPED 3R.

N/N BAHKAM
M. V. ^{EX}TREYDER

MIDSHIP SECTION

As BUILT

GREENOCK REPORT

No 22688



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014068-014076-0154