

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

NUMERALS.
BREADTH = 53 70
DEPTH = 32 27
85.97 TRANSVERSE N°
419
36021 LONGITUDINAL N°

PROPORTIONS.
DEPTHS TO UPPER DECK. 12.98
" BRIDGE " 10.4.

MIDSHIP SECTION.

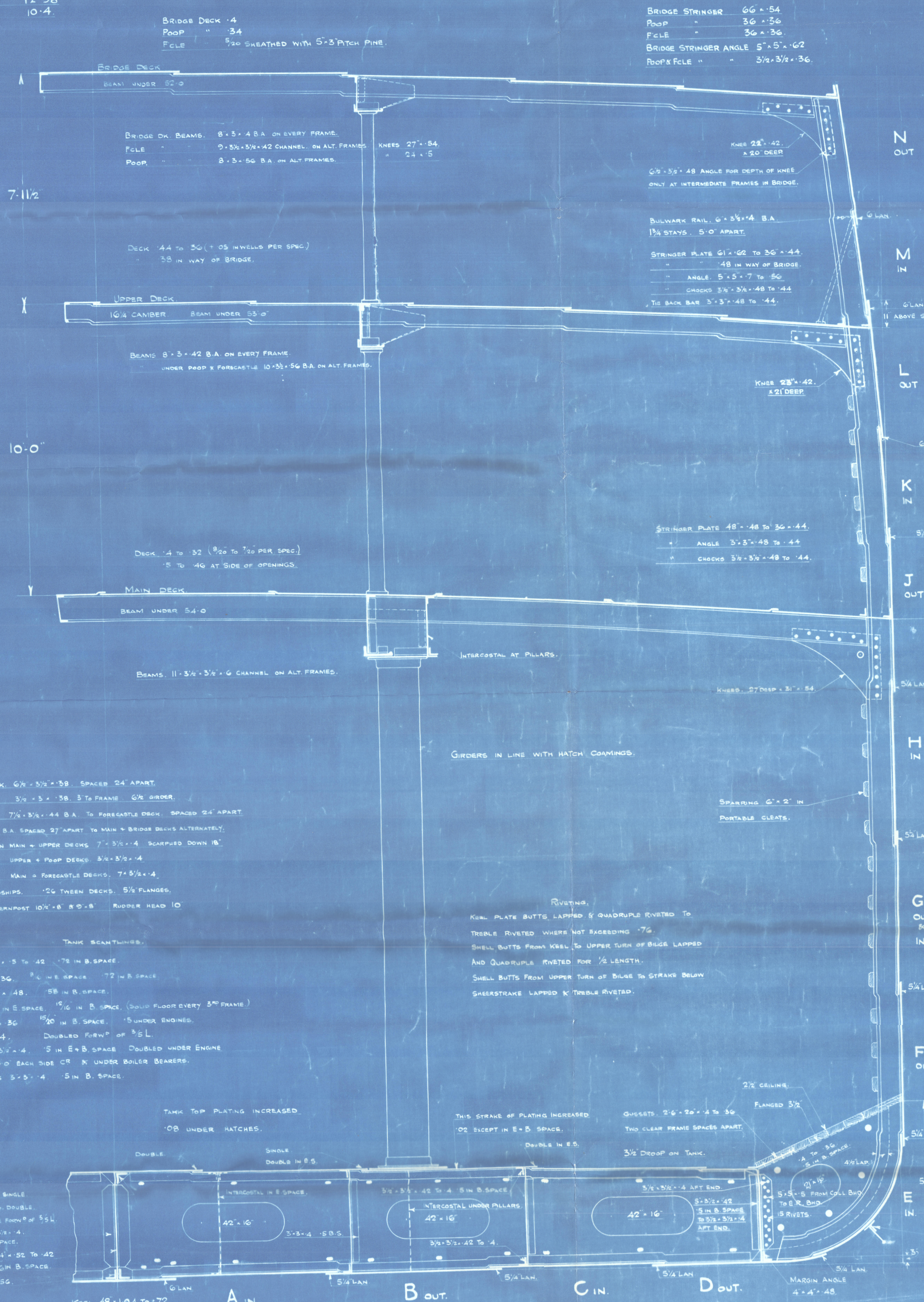
N° 405 S.S.

SCALE 1/2" = 1 FOOT.

TO CLASS 100 A.I. AT LLOYDS.

EQUIPMENT NUMBER.	
(53.7 + 32.27) x 419	= 36021.43
POOP 34.76 x 7.5 x .75	= 195.46
BRIDGE 127.58 x 7.95 x .75	= 760.69
F.C.L. 44.5 x 7.75 x .75	= 258.65
HOUSES 52.25 x 7.25 x .5	= 189.40
CASINGS 31.5 x 7.25 x .5	= 114.19
	37,539.82

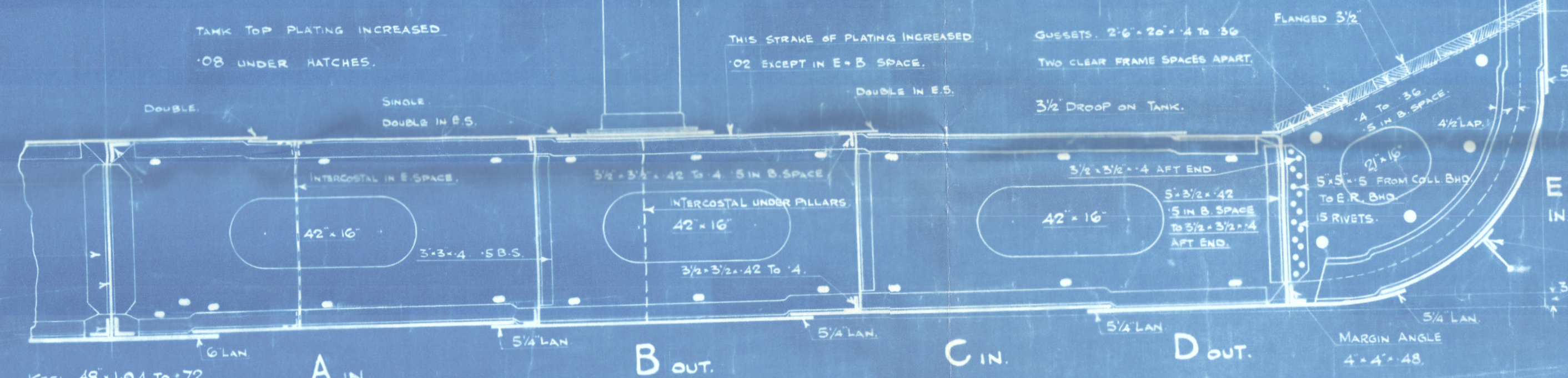
EQUIPMENT.	
2 BOWER ANCHORS EACH	63 1/4 CWTs. STOCKLESS. 80 CWTs. PER SPEC.
1 " ANCHOR	54 1/2 " EX. STOCK.
1 STREAM "	17 1/2 " "
270 FATHOMS	2 1/16" STUD CHAIN CABLE
90 "	4 3/4" STREAM STEEL WIRE.
120 "	5" TOWLINE "
105 " 3/4" HAWSER	15 FATHOMS 10 VANILLA
129 " "	23 1/4 HAWSER STEEL WIRE
2030 "	7" VANILLA WARP.



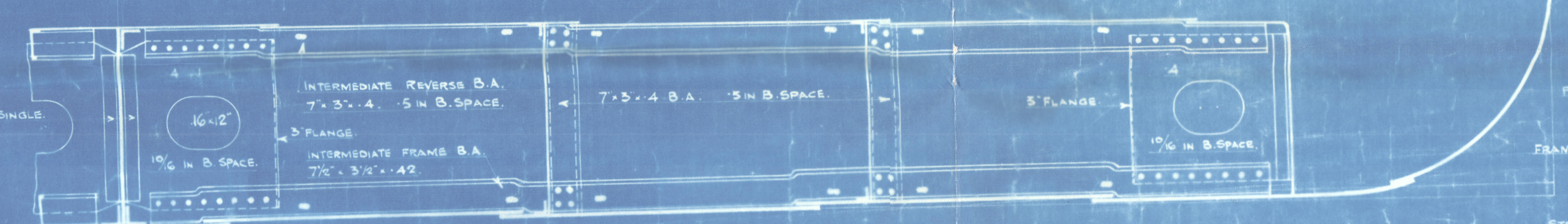
FRAMES IN AFT PEAK. 6 1/2 x 3/4 x 38. SPACED 24' APART.
REV. FRAMES 1 " 3/2 x 3/4 x 38. 3 TO FRAME 6 1/2 GIRDER.
FRAMES IN FORE PEAK. 7 1/2 x 3/4 x 44 B.A. TO FORECASTLE DECK. SPACED 24' APART.
" 10 x 3/4 x 58 B.A. SPACED 27' APART. TO MAIN + BRIDGE DECKS ALTERNATELY.
ALT. FRAMES BETWEEN MAIN + UPPER DECKS 7 x 3/4 x 4. SCARPIED DOWN 18'.
" " " UPPER + POOP DECKS 5 1/2 x 3/4 x 4.
" " " MAIN + FORECASTLE DECKS. 7 x 3/4 x 4.
BULKHEADS. 36 AMIDSHIPS. 126 TWEEN DECKS. 5 1/2" FLANGED.
STEM 10 x 2 1/2. STERNPOST 10 1/2 x 8. 8' 9" x 8. RUDDER HEAD 10.

TANK SCANTLING.
CENTRE STRAKE 72 x 5 TO 42. 178 IN B. SPACE.
TOP PLATING 4 TO 36. 8 1/2 IN B. SPACE. 72 IN B. SPACE.
MARGIN PLATE 38 x 48. 58 IN B. SPACE.
FLOORS 4. 8 1/2 IN B. SPACE. 1 1/2 IN B. SPACE. (SOLID FLOOR EVERY 3RD FRAME)
INTERCOSTALS 4 TO 36. 150 IN B. SPACE. 15 UNDER ENGINES.
FRAMES 4 x 3/4 x 4. DOUBLED FORWARD OF 36 L.
REV. FRAMES 4 x 3/4 x 4. 15 IN B. SPACE. DOUBLED UNDER ENGINE
BED PLATE FOR 8' 0" EACH SIDE CR. 8 UNDER BOILER BEARERS.
VERT. CORR. ANGLES 3 x 5/8 x 4. 5 IN B. SPACE.

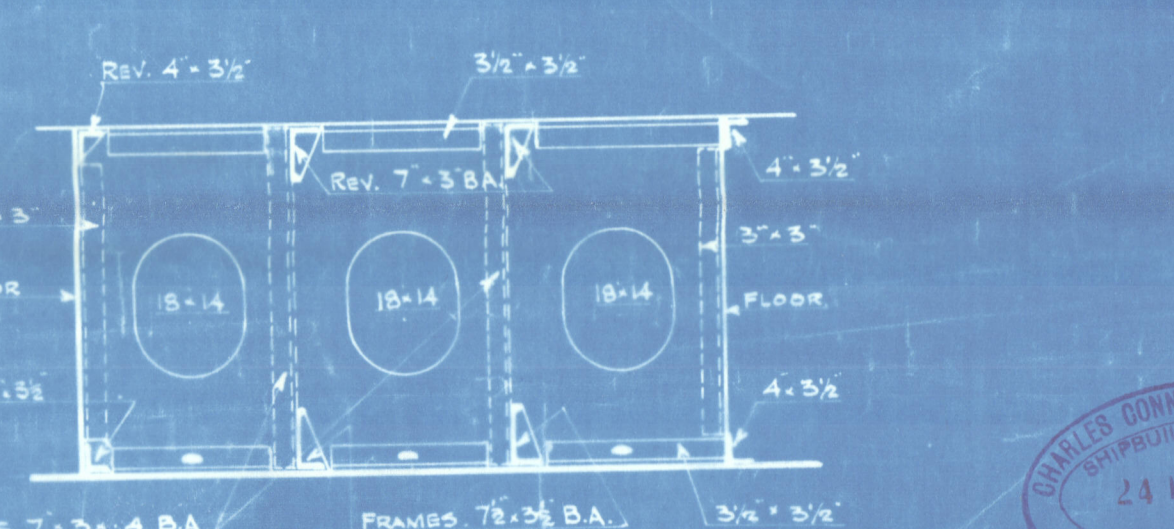
4 1/2 x 4 1/2 x 6 TO 56 SINGLE.
3 1/2 x 3 1/2 x 48 DOUBLE FORWARD OF 56 L.
5 1/2 x 56 TO 3 1/2 x 56 x 4.
5 x 3 x 6 IN B. SPACE.
CENTRE GIRDER 4 1/2 x 56 TO 42.
" 2 1/2 IN B. SPACE.
4 1/2 x 4 1/2 x 6 TO 56.



KEEL 48 x 104 TO 72.
A IN. 72 x 66 TO 48 + 02 = 68.
B OUT. 72 x 66 TO 48 + 02 = 68.
C IN. 72 x 66 TO 48 + 02 = 68.
D OUT. 72 x 66 TO 48.
A, B & C. STRAKES NOT REDUCED FORWARD (BELOW THICKNESS AMIDSHIPS).
" REDUCED .02 IN WAY OF TANK WHERE .66 (WITHOUT ADDITION).
AND " .04 WHERE THICKNESS IS .64 TO 54.



N OUT 60 x 7 AT BRIDGE. BUTTS LAPPED & Q.R.
" 38 AT POOP.
" 42 FORECASTLE.
M IN 43 x 66. BUTTS LAPPED & Q.R.
" 38 AT POOP. 42 AT FORECASTLE.
" BULKWARK 5/16
" 6 1/2 LAN AT BRIDGE. SINGLE AT POOP & F.C.L.
" 11 ABOVE STRINGER.
L OUT SHEERSTRAKE 57 x 92 TO 46 + 02 = 94.
" 64 IN BRIDGE + 02 = 66 DOUBLED FOR 20 x 3.
" AT ENDS OF BRIDGE.
" BUTTS QUADRUPLE RIVETED FOR 1/2 L
" OUTSIDE BRIDGE AS PER THICKNESS.
" 6 1/2 LAN. 5 1/4 IN BRIDGE.
" 48 x 74 TO 46 + 02 = 76
" 64 IN BRIDGE + 02 = 66
" BUTTS LAPPED & QUADRUPLE RIVETED.
" BR 1/2 L OUTSIDE BRIDGE.
" 5 1/4 LAN. 6 CLEAR OF BRIDGE.
J OUT 68 x 64 TO 46
" + 02 = 66
I IN 68 x 64 TO 46
" + 02 = 66
D 18 x 10 3/4
" 5 1/4 LAN.
G OUT & IN 68 x 64 TO 46
" + 02 = 66
" 5 1/4 LAN.
F OUT. 68 x 64 TO 46
" + 02 = 66.
E IN 68 1/2 x 66 TO 48
" 165' 9"
" BILGE KEEL 6 x 4 x 5 TEE.
" BULB PLATE 9 x 4



ELEVATION OF INTERCOSTALS.
LOOKING FROM CR OF SHIP

CHARLES DUNNELL & CO. LTD.
ENGINEERS
GLASGOW
24 DEC. 1925

Midship Section

Vessel as built

W. 405-

C. Connell & Co

SS. 'Benarty'

War Wreck

" " "
Benarty
GLASGOW REPORT No. 45290

RETAIN



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Lloyd's Register
W176-0167
Foundation