

LENGTHENED NWC $\frac{3}{54}$ SEE REPORT

MODIFICATIONS EFFECTED TO DESIGN OF BULKHEADS ETC

DIMENSIONS ^{21.5}385'-0" B.P. x 54'-0" B.M.^{LD} x 31'-0" D.M.^{LD}.
TO CLASS LLOYDS + 100 A.I. FOR CARRYING PETROLEUM IN BULK.
"LONGITUDINAL FRAMING".

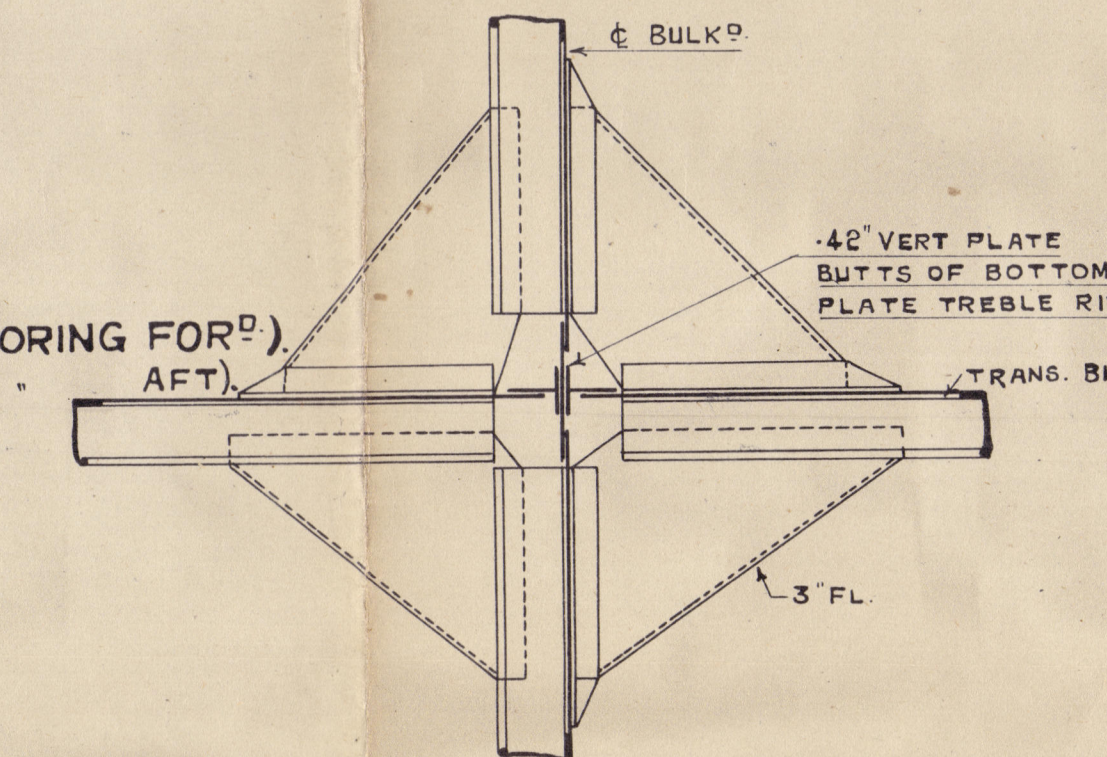
"LONGITUDINAL FRAMING":

$$\begin{aligned} L &= 385' & B &= 54' & D &= 31' \\ L \times D &= 385 \times 31 & &= 11935 & 12865 \\ L \times (B+D) &= 385 (54+31) & &= 32725 & 35278 \\ L/D &= 385/31 & &= 12.42 & 13.38 \end{aligned}$$

EQUIPMENT. *(to Reel. Particular tube assumed)*

2 BOWER ANCHORS	57 CWTs. EACH.	STOCKLESS.
1 "	63 "	"
1 STREAM	16 1/4' . EX. STOCK.	"
270 FTHS. 1 1/16"	TAYCO CABLE.	"
90 "	4 3/4" S.W.R. STREAM WIRE.	"
120 "	4 3/4" TOWLINE.	"
2-90 "	2 3/4" HAWERS.	"
2-90 "	2 1/2" WARPS.	"
4-15 "	1 1/8" TAYCO CABLE (FOR MOORING FORB)	"
6-15 "	1 1/4" "	"

(ACT)



162-5 SCANTLINGS AT ENDS TO BE INCREASED FOR SHEER
WHERE NECESSARY.

BOTTOM LONG¹ 2' 4" x 4' x .40' 60" CHAN.

BOTTOM TRANS. 43' 46" WITH 10' 33" 50" O. FACE BAR (DOUBLE SHELL BARS)

SIDE TRANS. 34' 46" WITH 7' 33" 50" O. FACE BAR (INCL¹ ALLOWANCE FOR SHEER)

8 1/4" W. 34' 46" WITH 7' 33" 50" O. FACE BAR (")

SIDE TRANS IN SUMMER TANK

WEBS IN EXPANSION TRUNK } AS FOR 30" TANK.

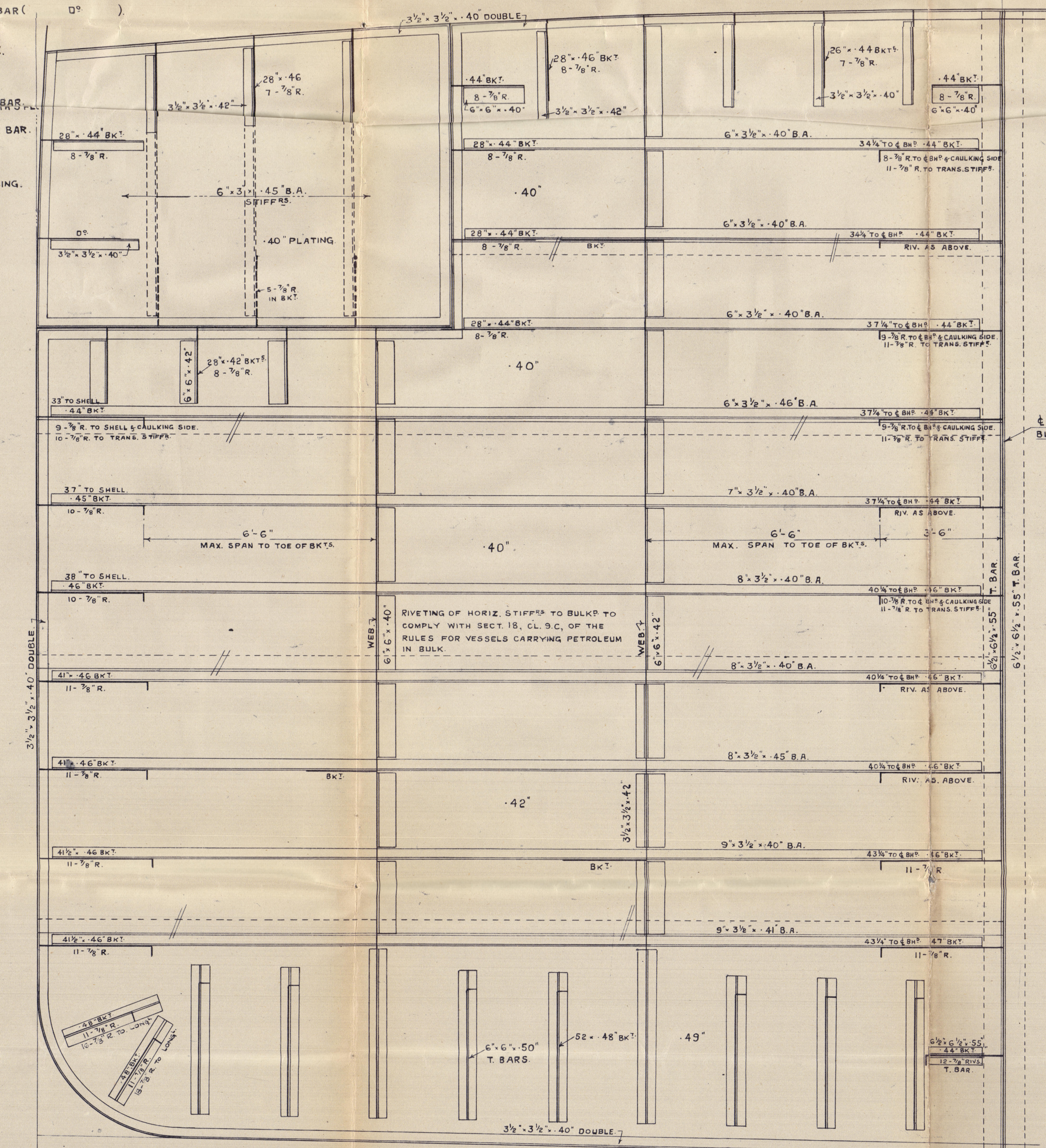
UPPER OF TRANS. 119' 40" WITH 4' 39" 40" FACE BARS

2" DK TRANS. 19' 40" WITH 6' 39" 50" O. FACE BAR

UPPER OF LONG¹ 7' 33" 40" BAR AT 30" SPACING.

7' 33" 40" BAR AT 33" 33" SPACING.

2" DK LONG¹ 7' 33" 40" BAR AT 30" SPACING

[illegible]

YARD N^o 1531.

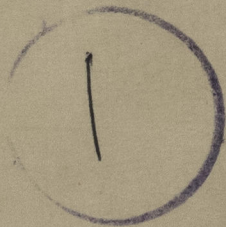
YENANG-YAUNG ★

MIDSHIP SECTION

NEWCASTLE REPORT N°.

NEWCASTLE-ON-TYNE, No. 111223.

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