

MESSRS. EUSKALDUNA HULL NO. 96  
FREEBOARD REPORT

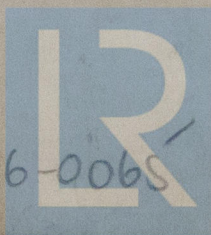
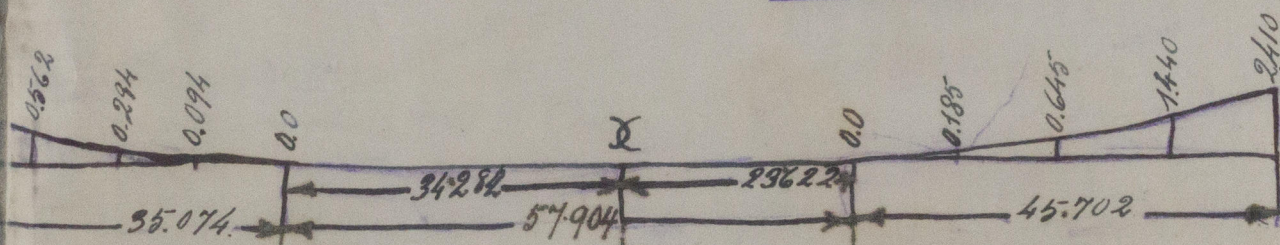
METHOD ADOPTED FOR FINDING "GRADUAL" MEAN SHEER  
AFTER SHEER CURVE (ORDINATES MEASURED IN METRES)

ORD.	S.M.	FUNCTION
0.957	1	0.957
0.562	4	2.248 Length of curve = 35.074
0.294	2	0.588 Comm. Internal = 8.769
0.094	4	0.376
0.0	1	0.0
		<u>4.169</u>
		Area = $\frac{4.169 \times 8.769}{3} = \underline{\underline{12.18}}$

FORE SHEER CURVE

2.410	1	2.410 Length of curve = 45.702
1.440	4	5.760 Comm. Internal = 11.426
0.645	2	1.290
0.185	4	0.740
0.0	1	0.0
		<u>10.200</u>
		Area = $\frac{10.2 \times 11.426}{3} = \underline{\underline{38.9}}$

$$\begin{aligned} \text{GRADUAL MEAN SHEER} &= \frac{38.9 + 12.18}{138.68} \times \frac{3}{1} \\ &= \underline{\underline{1.105 \text{ m.}}} \\ &= \underline{\underline{43.3 \text{ inches}}} \end{aligned}$$



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