PT. BINAGA OCEAN SURVEYOR
Marine Surveyor and Inspection Services

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Rumus interpolasi

a	=	x
a'	=	x'
b	=	y'
maka		

$$x' = y - x \{(a'-a)/b-a\}$$

misal

1.30	=	2680 m/t
1.32	=	?
1.40	=	2903 m/t

maka

x'	=	2903-2680 {(1.32-1.30)/1.40-1.30)}
	=	223 x {(0.02)/0.10)}
	=	223 x {0.20}
	=	44.6
jadi		

1.32	=	44.6 + 2680
	=	**2725 m/t.**

$\underline{LCF}$ = LBP/2 – LCF (Draft Mean of Mean)

$\underline{DMTC}$ = Draft Mean of Mean + 50
$\qquad\qquad$ Draft Mean of Mean - 50 (-)

Trim Correction : $1^{st} = \dfrac{\text{Trim x Tpc x Lcf x 100}}{\text{LBP}}$

$2nd = \dfrac{\text{Trim x Trim x Dmtc x 50}}{\text{LBP}}$

Observed Density : $\dfrac{1.025 - \text{Density Sea Water}}{1.025}$ x Displacement