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Corrected tank liquide level in a tank on a vessel with trim, list and deflection

VESSEL DATA

LBP=	110,00 m	Lenght between perpendiculars
B=	14,00 m	Bredth
T_F=	5,50 m	Draught on fore perpendiculare
T_A=	6,20 m	Draught on aft perpendicular
T_{SB}=	6,00 m	Draught amiddship starboare side
T_{PS}=	6,10 m	Draught amiddship port side

Tank cross section
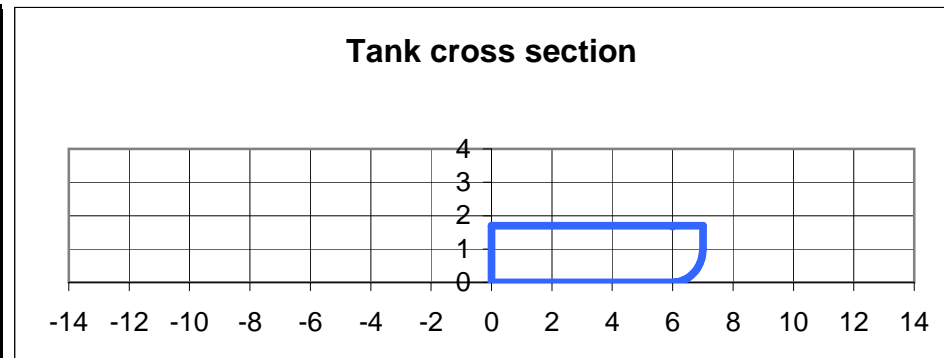
DANE ZBIORNIKA

Port tank (p)/ starbord tank (s)= **s** **Tank on starboard**

Xr=	80,00	Distance of after bulkhead of the tank to AP
l_t=	19,20 m	Tank lenght
b_t=	6,00 m	Tank bredth at the bottom
h=	1,70 m	Tank hight (double bottom part)
hmx=	1,70 m	Tank hight at the outer side
hmw=	1,70 m	Tank hight at the begining of the turn of the bilge
R=	1,00 m	Radius of the bilge
lr=	1,00 m	Distance of the soundint pipe from the after bulkhead
yr=	1,00 m	Distance of the sounding pipe from the inner bulkhead
s=	0,050 m	Tank sounding level

Wetted area of cross sections
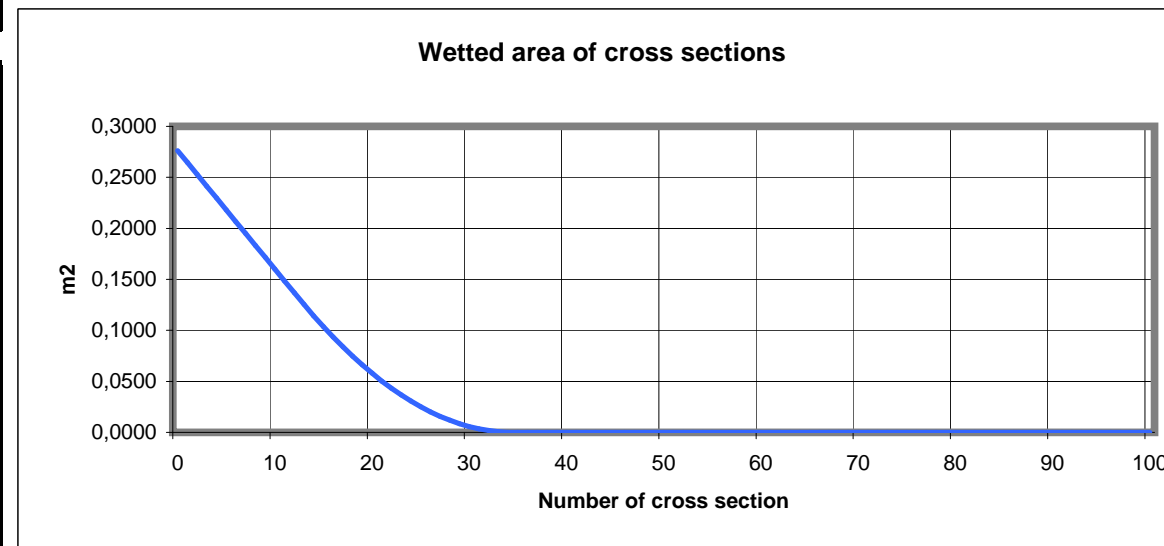
Local trim at the tank CG	=	-1,20327 m
Trim between perpendiculars	=	-0,70000 m
Deflection (hoh -, sag +)	=	0,20000 m

z=	0,006 m	Appropriat corrected tank sounding for a vessel on even keel, not listed and not deflected