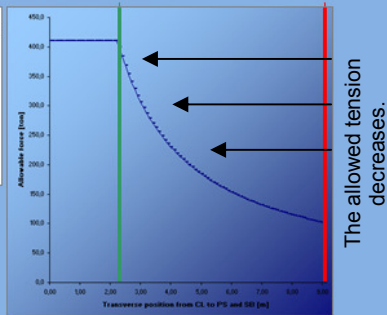


The green lines shows the angles at which the SWL of the tow wire can be applied safely.
The red line shows the maximum angle of the tow wire.

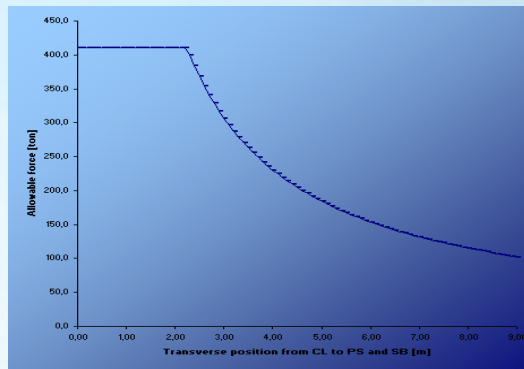
Maximum line positions

- Pins
- Winch
- Minimum force on wire
- Maximum force on wire
- Deck edge

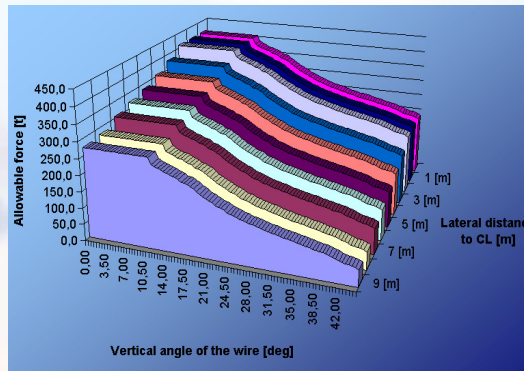


– Top view sketch of wire on deck.

Due to stability requirements, the overturning moment generated by the tension on the tow wire cannot exceed a certain limit. Therefore, the SWL (Safety Working Load) of the tow wire can be applied safely. For example, the SWL is only applicable when the tow wire is within the limits of the green lines. From the green limit, the allowed tension that the tug can withstand is decreasing.



– Allowable tension
– Transverse position of the wire



– Allowable tension
– Transverse position of the wire
– Angle of the wire



Safety in towing and Anchor handling

SafeTOW is our safety system which offers a solution for stability aspects of vessels engaged in towing and anchor handling

