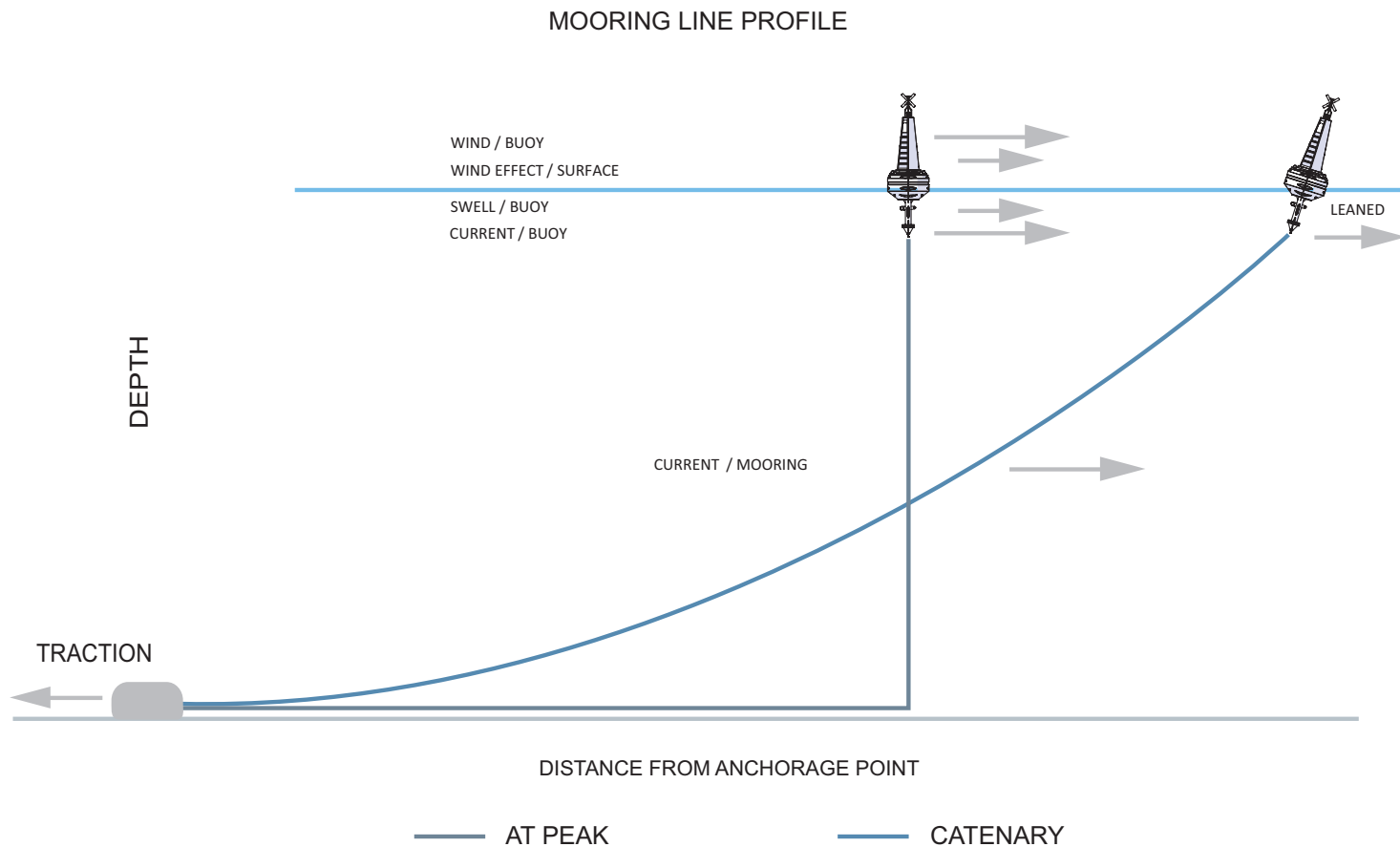




MOORING LINES

Considering that buoy mooring lines are often dimensioned by rule of thumb, they commonly end up too short for most site conditions. MOBILIS has developed an easy to use numerical mooring line calculator based on their mooring calculation data bank. This tool integrates a few more parameters than IALA guidelines and other calculators. The software allows users to access established data libraries as well as create their own libraries for their own buoy models. The system permits calculation and comparison of buoys and mooring lines.



Download: www.mobilis-sa.com/Calmar



MOBILIS

Client :	Item number :
Address :	Item title :
.....	Date :/...../.....
Zip Code :	
City :	
Country:.....	

SPECIFICATIONS

Daymark :

Topmark :

Zone AISM/IALA :

FINAL CHARACTERISTICS

Illuminated buoy

Type of light : Light rythm(s) ON OFF ON OFF ON OFF ON OFF

Light range in Nautical Miles (NM) : Light work cycle :

Light transmissivity coefficient (TC) : Light cycle (s) :

Minimal light intensity (CD) 0.00 Focal plane (m) :

SITE & CONDITIONS

LOCATION

Latitude :

Longitude :

Marine map number :

Site name :

Site ref number :

Exposition :

Type of bottom :

Max temperature (°C) :

Min temperature (°C) :



MOBILIS

SITES & CONDITIONS

DEPTH	Hydrographical Depth (m) :	WIND	Average wind speed (m/s) :
	Maximum tidal range (m) :		Maximum wind speed (m/s) :
	Cyclonical surge (m) :		Maximum wind origin direction (°) :
WAVES	Maximum wave height (m) :	CURRENT	Average current speed (m/s) :
	Significant wave height (m) :		Maximum current speed (m/s) :
	Corresponding wave period (s) :		Maximum current origin direction (°) :
	Wave origin direction (°) :		
	Cyclonical wave height (m) :		

EXISTANT MATERIAL (to be replaced)

BUOY	Daymark :																								
	Existing material :																								
	Existing volume (m ³) :																								
	Weight (t) :																								
	...																								
	Focal plane height (m) :																								
LIGHT	Type of existing light :																								
	Power consumption (W) :																								
CHAIN	<table border="1"> <thead> <tr> <th></th> <th>Tail chain</th> <th>Riding chain</th> <th>Trashing chain</th> <th>Ground chain</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Lenght (m)</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Diameter</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Type</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Tail chain	Riding chain	Trashing chain	Ground chain	Total	Lenght (m)						Diameter						Type					
		Tail chain	Riding chain	Trashing chain	Ground chain	Total																			
	Lenght (m)																								
	Diameter																								
Type																									
ANCHOR	Type of anchor :																								
	Mass of anchor (T) :																								

