TIDE CALCULATION

Date		Location		By		Check		Set/Measure	Look up	Calculate	Copy	Tide Curve

Fixes of Interest		Date	Time	TZ (DST?)	Ports of Reference	Spring	Mean	Neap	Data Source	Page	Tabulated TZ
A				UTC	Primary P1						UTC
B				UTC	Secondary P2						UTC

Magic Formula: Start by coloring which elements are given, unknown and unused for the task at at hand

Fix	Slope	Exact Time	Height of Tide		Chart Depth		Water Depth		Sounding		Sounder Depth		Draft		Safety Margin
				+		=		=		+		>=		+	

High/Low Water Times and Heights

Date	Date	High Water / Low Water	Slope 1	Date	Date	High Water / Low Water	Slope 2	Date	Date	High Water / Low Water	
Time	Tab Time	P1 Tabulations	Height / Tab Height	Time	Tab Time	P1 Tabulations	Height / Tab Height	Time	Tab Time	P1 Tabulations	Height / Tab Height
+	Time Corr (P2)	P2 Corrections (from below)	+ / Height Corr (P2)	+	Time Corr (P2)	P2 Corrections (from below)	+ / Height Corr (P2)	+	Time Corr (P2)	P2 Corrections (from below)	+ / Height Corr (P2)
	TZ Diff	Timezone Diff			TZ Diff	Timezone Diff			TZ Diff	Timezone Diff	
=	Time 1	Adjusted Time/Height	= / Height 1	=	Time 1	Adjusted Time/Height	= / Height 1	=	Time 1	Adjusted Time/Height	= / Height 1

Secondary Port Time and Height Corrections

Time Band Start	P1 Tab Time	Time Band End	Time Band Start	P1 Tab Time	Time Band End	Time Band Start	P1 Tab Time	Time Band End
Time Corr @Start	P2 Time Corr	Time Corr @End	Time Corr @Start	P2 Time Corr	Time Corr @End	Time Corr @Start	P2 Time Corr	Time Corr @End
M(HL)WN	P1 Tab Height	M(HL)WS	M(HL)WN	P1 Tab Height	M(HL)WS	M(HL)WN	P1 Tab Height	M(HL)WS
Height Corr @N	P2 Height Corr	Height Corr @S	Height Corr @N	P2 Height Corr	Height Corr @S	Height Corr @N	P2 Height Corr	Height Corr @S