



Tidal Prediction Worksheet (V 6.1)

1 Date, Age and Duration of Tide, Standard and Secondary Port, Time Zone & Local Time

Date [YYYY-MM-DD]	2013-10-10	Age of Tide [—, [0,00 ... 1,00]]	
Area of Standard Port (StP)	The Channel (South)	Duration [hh(+30)]	+0030
Standard Port (StP)	Dunkerque	UTC - Time Zone =	-0100
Secondary Port (SeP)	Calais	LT - Time Zone =	+0100

2 Tide at Standard Port (StP)

Time Zone UTC+1	HW		LW	
	Time [+-hhmm]	Height [m]	Time [+-hhmm]	Height [m]
	0332	5,85	2217	0,80
Tide at Dunkerque (StP)	1557	5,85	1036	0,90
	0432	5,85	2317	0,80
Local Time (LT)	1657	5,85	1136	0,90

System Log	
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3 Differences at Secondary Port (SeP)

Time at Dunkerque (StP)	Time HW [hh00]		Time LW [hh00]	
		0200	0800	0200
	1400	2000	1400	2100
Time Diffs at Calais	HW Differences [+- hhmm]		LW Differences [+- hhmm]	
	-0020	-0030	-0015	-0005
Spring and Neap MHW/MLW at Dunkerque (StP)	MHWS [m]	MHWN [m]	MLWN [m]	MLWS [m]
	6,0	5,0	1,5	0,6
Height Diffs at Calais	Height Differences [+- m]			
	+1,2	+0,9	+0,6	+0,3

4 Tide at Secondary Port (SeP)

Time Zone UTC+1	HW		LW	
	Time [hhmm]	Height [m]	Time [hhmm]	Height [m]
	0309	7,01	2209	1,17
Tide at Calais (SeP)	1534	7,01	1028	1,30
	0409	7,01	2309	1,17
Local Time (LT)	1634	7,01	1128	1,30

5 Required Time & Height at Standard/Secondary Port (all times in Time Zone UTC+1)

Port of Interest [StP, SeP]	SeP	Port of Interest [StP, SeP]	StP
Height req. at Calais [m]	3,00	Time req. at Dunkerque LT	0800
Time HW at Calais LT	0409	Time HW at Dunkerque LT	0432
Time LW at Calais LT	2309	Time LW at Dunkerque LT	1136
Heights [m] & Trend of Tide	1,17 ↗ 7,01	Heights [m] & Trend of Tide	5,85 ↘ 0,90
Factor f [0,00 ... 1,00]	0,314	Time Difference d [+/-hhmm]	+0328
Scaling [—, no]		Scaling [—, no]	
Spring Neap Curve Scaling	0,97 0,91	Spring Neap Curve Scaling	1,02 1,02
Spring Neap Curve Interpolation	82% 18%	Spring Neap Curve Interpolation	76% 24%
Time Difference d [+/-hhmm]	-0258	Factor f [0,00 ... 1,00]	0,491
void entry		void entry	
Time at Calais LT •	0111	Height at Dunkerque [m] •	3,33

System Log

6 Under Keel & Masthead Clearance

LAT [m]	1,00	HAT [m]	2,30
Height of Tide [m]	3,00	void entry	
void entry		Required Masthead Clearance [m]	1,50
Barometric Pressure [hPa]	1024	Barometric Pressure [hPa]	1024
Wind Tide [m]	-0,50	Wind Tide [m]	-0,50
Sounding [m]	3,39	Height Obstruction above HAT [m]	20,00
Draft of Yacht [m]	1,90	Height Masthead above WL [m]	17,00
Safety Margin [m]	1,00	Safety Margin [m]	1,00
Under Keel Clearance [m]	0,49	void entry	—
void entry	—	Required Height of Tide [m]	≤ 3,41

7 Remarks

E-Current: Dover HW-0100 until Dover HW+0500
 E-Current: 0140 UTC until 0740 UTC
 E-Current: 0340 LT until 0940 LT

Disclaimer and Terms of Use

Although the *Tidal Prediction Worksheet* (TPW) is set up with care, it may contain errors yielding wrong results. Therefore the author does not take any responsibility at all for the correctness of the computed results. Instead it is the user's sole responsibility when relying on the outcome of the TPW for navigation or any other purposes.

Decide about acceptance: I do agree.

Expires:
2016-04-01

2015-03-30
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