Example calculations standard port

Required – Tidal height at 08:40 hours

1 Obtain the tidal predictions from the tables.

		March	
extract from the table		time	m
		04:28	0.41
	16	10:33	2.35
		16:58	0.40
		22:57	2.21

2

high water	2.35m
low water	-0.41m
range (height difference)	1.94m

3 Required time 08:40 hours (1 hour 53 minutes before high water). Enter the appropriate standard tidal curves (or interpolated graph) for the 1.94m range to 1 hour 53 minutes before high water. Read off the height at this point (1.6m approximately).

4 Add the height obtained in 3 above to the height of low water

low water	0.4m (rounded off)
	+1.16m
	2.0m approximately at 08:40

Secondary place

Required – Tidal height at 08:40 hours

1 Calculate the high and low water times and heights for the secondary place.

low water	04:08	0.37m
	10:08	1.94m

2

high water	1.94m
low water	-0.37m
range (height difference)	1.57m

3 Required time 08:40 hours (1 hour 28 minutes before high tide). Enter the appropriate standard tidal curves (or interpolated graph) for the 1.57m range to 1 hour 28 minutes before high water. Read off the height at this point (1.4m approximately).

4 Add the height obtained in 3 above to the height of low water

low water	0.4m (rounded off)
	+1.4m
	1.8m approximately at 08:40