

Get the Longitude of the required Port from the Epitome, (Norie, Bowditch or Raper) and take from the Calendar the Times of Moon's Transit on the *following* and given days if in *West*, or the *preceding* and given days, if in *East* Longitude: with the difference of Transit on these days, and the Longitude of the Port, enter (Table XVI Norie, XXVIII Bowditch, 28 Raper) and with the minutes at the top and Longitude in side column will be found a correction which is to be applied to the Tide Hour on full and change days as directed; *i. e.* added in *West*, subtracted in *East* Longitude. Then take from (Table LVII Norie, LV Bowditch, 13 Raper,) the Time of High Water, on full and change days, and apply the correction as directed; if the time thus found *exceeds* the London Tide Hour on full and change days (1h. 58m.) subtract the latter from the former and the Constant, *additive*, is found; but if London Bridge Tide Hour exceeds it, it is to be *subtracted* from London Hour, and the Constant so found is *subtractive*; then to the time of High Water at London Bridge given in the Calendar for the day, apply the Constant thus found, and the time of High Water at the required Port is obtained.

Example: Required the Time of High Water A. M. & P. M. at Halifax, N. S., Jan. 2nd, 1877.

Moon's Transit, Jan. 3rd,	3h. 12m.
" " " 2nd,	2h. 17m.

Transit Difference,	55m., Long. H'fax 63° 33'
	<i>west.</i>

H. W. Full & Change at Halifax 7h. 49m.	(Table LVII Norie)
Correction for Moon's Transit, 10m.	(" XVI ")

	7h. 59m.
H.W. Full & Change, at Lon Br	1h. 58m. (<i>Admiralty Tables</i>)

Constant <i>Additive</i> ,	6h. 01m. as Halifax time Full
and Change is the <i>greater</i> .	

Time of H. Water L.B. per Calendar, Jan. 2nd, 3h. 22m. morn.	
Constant Added,	6h. 01m.

High Water, Halifax, Jan. 2nd,	9h. 23m. do
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High Water L.B. per Calendar, Jan. 2nd,	3h. 48m. af'n'n
Constant Added,	6h. 01m.

H. W. at Halifax, Jan. 2nd,	9h. 49m. do
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