

# MORSERINO NOTES (N3GE/MOSTQ) 04/24/2021

## CW GENERATOR

### SPACING & WORK SPEED

*On Morserino:* CW Generator <RET>

Start & stop CW GENERATOR by quickly pressing paddle or the **BLACK** knob.

## FARNSWORTH SPACING

*On Morserino:* CW Generator; double click **BLACK** knob,  
rotate to InterWord Spc //or// InterChar Spc <RET>

To emulate Farnsworth spacing, change InterWord Spc & InterChar Spc.

e.g. A setting of InterChar Spc 6 & InterWord Spc 14  
within CW GENERATOR

Rotate **BLACK** knob to (14) 20WpM  
Characters will be at 20 WPM & overall speed at 14 WPM

NOTE: InterWord Spc always at least 4 dt longer than InterChar Spc

## FARNSWORTH SETTINGS

(7)20WpM	CHAR = 18	WORD = 41
(10)20WpM	CHAR = 11	WORD = 25
(14)20WpM	CHAR = 5	WORD = 15

## MORSERIO NORMAL SETTINGS.

NORM: InterChar Spc 3 InterWord Spc 7

For more detailed info:

<http://www.arrl.org/files/file/Technology/x9004008.pdf>

<https://morsecode.world/international/timing.html>

Farnsworth speed (20 wpm char speed)	ta	tc	tw	Total units for inter-char	Total units for inter- word	Rounded inter-char spaces	Rounded inter-word spaces
2	28.140	4.443	10.367	74.053	172.789	74	173
3	18.140	2.864	6.683	47.737	111.386	48	111
4	13.140	2.075	4.841	34.579	80.684	35	81
5	10.140	1.601	3.736	26.684	62.263	27	62
6	8.140	1.285	2.999	21.421	49.982	21	50
7	6.711	1.060	2.473	17.662	41.211	18	41
8	5.640	0.891	2.078	14.842	34.632	15	35
9	4.807	0.759	1.771	12.649	29.515	13	30
10	4.140	0.654	1.525	10.895	25.421	11	25
11	3.595	0.568	1.324	9.459	22.072	9	22
12	3.140	0.496	1.157	8.263	19.281	8	19
13	2.755	0.435	1.015	7.251	16.919	7	17
14	2.426	0.383	0.894	6.383	14.895	6	15
15	2.140	0.338	0.788	5.632	13.140	6	13
16	1.890	0.298	0.696	4.974	11.605	5	12
17	1.669	0.264	0.615	4.393	10.251	4	10
18	1.473	0.233	0.543	3.877	9.047	4	9
19	1.298	0.205	0.478	3.416	7.970	3	8
20	1.140	0.180	0.420	3.000	7.000	3	7