

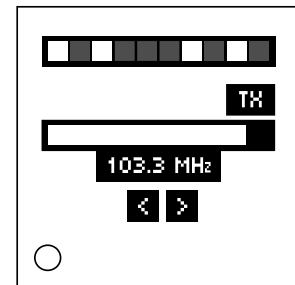
## On the Subject of Marquee Morse

*Who messed with my news ticker?*

On the module is a scrolling LED ticker, a frequency scroller, two arrow buttons, and a transmit button.

The ticker will display a word in Morse code, by scrolling along dots and dashes. (See “How to Interpret” below.)

Using the table below, decode the word using Morse code and use the arrow buttons to select the corresponding FM frequency. Then use the transmit (TX) button to submit.



### How to Interpret

1. One lit square represents a dot.
2. Three lit squares represents a dash.
3. There is a three-square gap between letters.
4. There is a seven-square gap before the word repeats.

A	● ■■	U	● ● ■■
B	■■ ● ● ●	V	● ● ● ■■
C	■■ ● ■■ ●	W	● ■■ ■■
D	■■ ● ●	X	■■ ● ● ■■
E	●	Y	■■ ● ■■ ■■
F	● ● ■■ ●	Z	■■ ■■ ● ●
G	■■ ■■ ●		
H	● ● ● ●		
I	● ●		
J	● ■■ ■■ ■■		
K	■■ ● ■■	0	■■ ■■ ■■ ■■ ■■
L	● ■■ ● ●	1	● ■■ ■■ ■■ ■■
M	■■ ■■	2	● ● ■■ ■■ ■■
N	■■ ●	3	● ● ● ■■ ■■
O	■■ ■■ ■■	4	● ● ● ● ■■
P	● ■■ ■■ ●	5	● ● ● ● ●
Q	■■ ■■ ● ■■	6	■■ ● ● ● ●
R	● ■■ ●	7	■■ ■■ ● ● ●
S	● ● ●	8	■■ ■■ ■■ ● ●
T	■■	9	■■ ■■ ■■ ■■ ●

If the word is:	Respond at frequency:
intervention	99.9 MHz
consistently	100.1 MHz
optimization	100.3 MHz
spirituality	100.5 MHz
contributors	100.7 MHz
collectables	100.9 MHz
consultation	101.1 MHz
construction	101.3 MHz
registration	101.5 MHz
agricultural	101.7 MHz
manufactured	101.9 MHz
implications	102.1 MHz
subscription	102.3 MHz
capabilities	102.5 MHz
jurisdiction	102.7 MHz
illustration	102.9 MHz
laboratories	103.1 MHz
descriptions	103.3 MHz
publications	103.5 MHz
representing	103.7 MHz