

# Letters to the Editor

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## A Frequency Standard for Today's WWVB (Nov/Dec 2015)

Hi Larry,

After the Nov/Dec 2015 issue went to press, I discovered several errors in the text and drawings. In several places, WWVB signal levels expressed in  $\mu\text{V}/\text{m}$  were printed as  $\text{mV}/\text{m}$ . These occurred on pages 14 (caption to Figure 3), 16 (bottom of middle text column), and 29 ( $e$  = local field strength ( $\text{mV}/\text{m}$ )).

Several of the schematic diagrams also had some errors. In Figure 7, there is a missing connection between U2 pin 7 and the right side of R10. On Figure 12b, U38 is mislabeled. U38 should be an LMC6484N. Figure 13 had several

wiring errors around U14B and U15A. Also there is no connection between U17 pin 7 and the BCD Switch. That pin should connect to ground. The Output Frequency Selector should have listed signals at 25 kHz and 10 kHz. On Figure 16, op-amps U1D and U6D should be labeled as LM837N devices.

— 73, John Magliacane, KD2BD, 1320 Willow Dr, Sea Girt, NJ 08750, [kd2bd@amsat.org](mailto:kd2bd@amsat.org)

Hi John,

My apologies for all of those errors. We continue to be plagued by Greek characters in the Symbol font changing back to normal text at times, and no one noticed those Greek mu characters ( $\mu$ ) were replaced by the normal letter m.

I don't believe we have ever had that many errors on schematic diagrams in a single article. That is embarrassing! I learned later that the QEX contract graphics artist was having some personal issues, and he did not do his normally careful drawing work on your article. We have corrected all of the errors that you have called to my attention. Your article is the Sample Article for the Nov/Dec 2015 issue. The fully corrected article is available for viewing and download on the "This Month in QEX" page on the ARRL website. Readers can go to [www.arrl.org/files/file/QEX\\_Next\\_Issue/2015/Nov-Dec\\_2015/Magliacane.pdf](http://www.arrl.org/files/file/QEX_Next_Issue/2015/Nov-Dec_2015/Magliacane.pdf).

— 73, Larry Wolfgang, WR1B, QEX Editor; [lwolfgang@arrl.org](mailto:lwolfgang@arrl.org)