

K144XV REFERENCE OSCILLATOR PHASE LOCK OPTION MANUAL ERRATA

Rev. A1-1, March 22, 2013

MAKE THESE CORRECTIONS TO YOUR MANUAL

1. Page 11, Frequency Calibration:

With the K144 XV Reference Oscillator Phase Lock option installed, you no longer need to calibrate the two crystal local oscillators in the K144 XV module as described. Once the proper settings are made in the CONFIG menu, the calibration occurs automatically as both oscillators are phase locked to the master K3REF oscillator in the K3. Enable the calibration as follows:

- Be sure you have K3 Firmware ver. 4.42 or later installed.
- Tune the K3 to any frequency in the 2-meter band. Hold **CONFIG** to access the CONFIG menu and select XVn OFS, where n is the transverter number you assigned to the K144XV (see *Enabling the K144XV Module* in the K144XV Installation and Operation manual).
- Tap the 0 switch until you see REFLOCK on the K3's LCD. The automatically calculated offset will appear in upper half of the K3's LCD. This enables reflock for both the 144 and 146 MHz band segments. You don't have to repeat the procedure for each segment.

⚠ If the K3 EXREF option is also installed, the K3's reference oscillator itself will be automatically calibrated by the external 10 MHz reference. In this case, enabling REFLOCK for the K144XV module will allow the K144XV frequency to track the external reference. The accuracy of the 2-meter frequency will be less than that on HF by a factor of about two, due to the higher frequency of the K144XV local oscillators.