



August 8, 2006

Technical Service Bulletin

Products Affected: AM 500A, AM 1A, AM 2.5E, AM 5E, AM 6A, AM 10A
Description: C90 Replacement in IBOC Mode of Operation

Dear BE Customer:

We've identified a potential issue with the ECU exciter board in the Broadcast Electronics AM series (AM 500A, AM 1A, AM 2.5E, AM 5E, AM 6A, or AM 10A) transmitters shipped prior to June 5, 2006, that is or will be operating in the IBOC mode. Units that have been in for service since this date have already been retrofitted.

It is necessary to change the value of the C90 capacitor to prevent a premature ECU exciter fault with negative modulation peaks while operating in the IBOC mode. The part can easily be replaced in the field with common tools in about 10-15 minutes. The replacement part is available free of charge from Broadcast Electronics. Please contact the RF customer service department at 217.224.9617 and reference application guide 597-0501-001.

An application guide illustrating the replacement procedure is available from the Broadcast Electronics RF customer service website here:

[\Hd.##k k k "VXWgh"Vt a #gi ddcfr#fZ hVW.b\]W! gYfj \]Wg#Ua ! hfUbg a \]hYf! W \\$! fYd`UW a YbH Udd`\]W\]cb! \[i \]XY`](#)

If you would like to be immediately notified by email when technical service bulletins are released, please register online using the following link. When completing the form, be sure to check the box next to BE Technical Updates.

[\Hd.##k k k "VXWgh"Vt a #gi ddcfr#ch Yf! dUf Yg#dUfh\]VdUhY! \]b! Y! a U\]! `\]gh! Zfca ! VfcUXWgh Y`VWfcb\]Vg#`](#)