

## Programming the MASTR-III Repeater Courtesy Tone

This is a software patch to cause a burst of TEST TONE (set for 400 Hz) to be transmitted for 200 ms duration, 500 ms after the repeater receiver RUS turns OFF.

First program the MASTR-III station with the standard PC programming software for **NO REMOTE** control. If **drop out delay timer** (DODT) action is desired, in the PTT screen set DODT to YES for **EXT PTT**. Also set DODT time in the channel (additional) data screen. Normal DODT for RUS PTT is not functional with this special.

Then enter the following (bold print) lines in a text file using a DOS text editor. Call the file **COURTESY.dat**

<b>:020006DF020512</b>	(TTSEC2 and TTSEC3)
<b>:020064DF0FA00C</b>	(TEST TONE)
<b>:020150DFFF5A75</b>	(RUS ON)
<b>:020154DF295A47</b>	(RUS OFF)
<b>:030198DFFF2D2930</b>	(TTSEC2 function table)
<b>:0201A0DF2D59F8</b>	(TTSEC3 function table)

- At the DOS prompt type (assuming COMM PORT #1 is used for programming)  
**C:\>mode com1 96,n,8,1**
- The following lines will appear:  
COM1:9600,n,8,,-  
C:\>
- To program the MASTR-III with this software patch, type:  
**C:\>type courtesy.dat>com1**

By first using the PC programmer (M3) to program the station as desired, then sending the above .dat file to the station, the new programming will take effect after the **RESET** switch on the power module is activated. This special programming will be erased the next time the standard PC programming software is used and will require putting this special patch back into the station again. Use of **MASTRUTL.exe diagnostic** software will not erase this special patch.