

PSB: 659 APC: 632 DEADLINE: 9/30/90

Date: September 1989

Subject: Connect Tone Decoders for all 900MHz Trunked MSF5000 Repeaters.

Models Affected: C85CLB5203AT C65CLB5203AT

Trunked repeaters without connect tone capability can pick up RF from other transmitters on the same frequency and repeat unwanted noise, pops, clicks and audio to the mobiles.

This can be prevented by the installation of the TLN3066A station control board which replaces the TLN2886A station control board and incorporates connect tone decoding. All repeaters shipped after April 1, 1989 have this feature.

Note: The station code plug will need to be reprogrammed in the field to add the connect tone frequency. The MSF5000 software for the R1800 must be Version 7.0 or higher to add connect tone. The proper model number must be entered when programming, therefore existing code plugs cannot be read into the programmer. The connect tone information replaces the 'coded squelch' field when Trunking model numbers are entered.

The TLN3066A will be furnished free of charge however NO payment for labor will be authorized. The TLN2886A boards that are removed need not be returned.

NOTE: We suggest that this change be made at the same time as the Uniboard change out per PSB 660 so that code plugs will only have to be reprogrammed one time.