

# APPENDICES

## Unique Contact ID Messages Generated in ECP Mode

The following is a list of messages generated by the 7820 Radio when it is in ECP mode. These messages are in Contact ID format.

Message Transmitted by 7820 Radio	Message Received and Displayed on 685	Description of Alarm
3 3 3 0 0 8 X X*	R 3 3 0 C 8 X X*	Restore of any RF faults reported to the panel. (Restore of System Peripheral Trouble.)
1 3 3 7 0 8 X X 3 3 3 7 0 8 X X	E 3 3 7 C 8 X X R 3 3 7 C 8 X X	Line Loss (ECP DC LOSS). Restore of line loss (ECP DC Restore).
1 3 3 8 0 8 X X 3 3 3 8 0 8 X X	E 3 3 8 C 8 X X R 3 3 8 C 8 X X	ECP Low Battery ECP Low Battery Restore
1 3 3 9 0 8 X X	E 3 3 9 C 8 X X	ECP Power On/Reset
1 3 4 1 0 8 X X 3 3 4 1 0 8 X X	E 3 4 1 C 8 X X R 3 4 1 C 8 X X	ECP Tamper ECP Tamper Restore
1 3 5 5 0 0 0 0 3 3 5 5 0 0 0 0	E 3 5 5 C 0 0 0 R 3 5 5 C 0 0 0	Radio Lost Communication with Panel. Radio Re-established Communication with Panel
* Note: "XX" = Device Address programmed into 7820 radio. See ECP Unique Programming, Question 1. For the VIA-30P, VISTA-10, and VISTA-20, "XX" = 03.		

## ADEMCO High Speed Format

Receiver and Line Card	Customer ID Number	8 Alarm Zones	Ninth Status Bit
1 8	1 2 3 4	5 5 5 5 5 5 5 5 (Each "5" above can be a numeral from 1 to 6) 1 = Alarm 2 = Open 3 = Restore 4 = Close 5 = Normal 6 = Previously Reported	7 (A numeral from 5 through 9, and 0)  *6 = System Message 7 = Alarm 9 = Test 0 = Diagnostic
* System Messages: A "6" in the ninth status bit, combined with alarm zone codes is as follows:			
1 5 5 5 5 5 5 6	Loss of AC	(In the case of 7820, loss of radio power supply)	
5 1 5 5 5 5 5 6	Low Battery		
5 5 1 5 5 5 5 6	Poll Time-out	(Applies to two-way radios)	
5 5 5 1 5 5 5 6	Power-up/Reset		
5 5 5 5 1 5 5 6	Comm Fail		
5 5 5 5 5 1 5 6	Telco Fail		

# 7820 *Difference Data Sheets*

The following information supersedes that found in the Installation Instructions. Please use this information, on the pages noted.

**Power Connections.** Page 15. Delete the words "(maximum ripple specification of 0.5VRMS)" in the first paragraph.

**Powering Up.** Page 20. Replace the sentence beginning "After pressing enter..." with the following:

After selecting the mode and pressing enter, the LEDs will light consecutively, red, red/yellow, red/yellow/green.

**Zone Mode Programming.** Question 3, page 24. Substitute the following:

- 3a. 15 MIN SUPV [Y/N] Status reporting is always enabled.  
Enter the desired interval as follows:  
Y=Every 15 minutes (6-hour windows for COM-FAIL report--High Security)  
N=Every hour (standard 24-hour reporting for COM-FAIL--Basic Service)
- 3b. 7 Day Rpts [Y/N] If this option is chosen, the other possible options of section 3 will be cleared. The radio will send status once every 7 days. This option permits the installer to limit the amount of radio traffic generated by the 7820. COM-FAIL reporting is not available in this mode.
- 3c. 30 Day Rpts [Y/N] If this option is chosen, the other possible options of section 3 will be cleared. The radio will send status once every 30 days. This option permits the installer to limit the amount of radio traffic generated by the 7820. COM-FAIL reporting is not available in this mode.

**Page 45: Appendices.** The tables have errors: Please substitute the following page of these Difference Data Sheets for the page shown in the Installation Instructions.