Changes and typos in the 4.14 manual.

1) Page 4-26: 1/3 down the page should read "if this command were locked the controller could never be **Un**locked'

2) Command 113, send a 2-tone paging slot format:
      Was: <113> ss aabb ccdd e rr
      Needs to be: <113> ss bbaa ddcc e rr

3) Command 113 example
      Was: 113 01 01 08 05 10 1 01 D or unkey
      Needs to be: 113 01 08 01 10 05 1 01 D or unkey

4) Command 050, 051, 052 changed timer slot 55 from voice delay start timer to be LTZ (long Tone Zero Timer)

5) Command 061, page 7-10
  Was: MM is the minute that an event is requested. This number ranges from 01..59
  Needs to be: MM is the minute that an event is requested. This number ranges from 00..59

6) Comnmand 064, page 8-5, Assigned LTZ (Long Tone Zero) event to slot 53

7) Command 064, Page 8-9, Added Internal Messages 13,14
      Message 13:   The Door is Open
      Message 14:   The Door is Closed
Added new special audio routing variables for the events

Special audio routing variables are provided to allows routing of messages to connected ports.

Audio Routing Number	Definition
32	Route responses to all ports connected to Port 1
33	Route responses to all ports connected to Port 2
34	Route responses to all ports connected to Port 3
35	Route responses to all ports connected to Port 4
36	Route responses to all ports connected to Port 5
37	Route responses to all ports that are repeaters connected to Port 1
38	Route responses to all ports that are repeaters connected to Port 2
39	Route responses to all ports that are repeaters connected to Port 3
40	Route responses to all ports that are repeaters connected to Port 4
41	Route responses to all ports that are repeaters connected to Port 5
42	Route responses to all ports that are connected to the port that is controlling with DTMF, including the DTMF'ing port
43	Route responses to all ports that are repeaters connected to the port that is controlling with DTMF, including the DTMF'ing port

8) Command 070, Page 9-2, Fixed the typo for faceplate 09
      Was: High Resolution Farenheit
      Needs to be: High Resolution Celsius

9) Command 106, Page 12-4, Key 0
      Was: Recall Memory
      Needs to be: Write Memory

10) Command 106, Page 12-4, Start Scan table
      Was: Slow, Medium and Slow for scan definitions
      Needs to be: Slow, Medium and Fast for scan definitions

11) Page 12-5, HF Frequency Entry Section:
      Was: from 1 mhz (1D00000) up to 999.99999 mhz (999D99999).
      Needs to be: from 1 mhz (1*00000) up to 999.99999 mhz (999*99999).

12) Enabled Command 121, page 13-3 (See new manual .PDF for changes)

121: Configure Pre-Access on a Port

This command configured how pre-access works on each port. This command controls dial tone generation requirements and the dial tone response frequency for a port.

$$<121>\ w\ x\ \text{yyyy}\ \text{zzzz}$$

Parameters:

W is the port number. This number must range from 1..3

X is the dial tone response control

      0 - No dial tone generated

      1 - Dial tone generated on valid pre-access code receipt

YYYY is the first tone of the dial tone response

ZZZZ is the second tone of the dial tone response

Defaults:

All ports dial tone generation is disabled (off)

Error Codes:

E1 - Invalid port. Number must range between 1..3

E2 - Invalid mode. Mode must be either a 0,1

                  (System wide errors are listed in front of the manual)

Example 1:

I want my port 3 to generate a dial tone when selected. This means the dial tone will begin when the correct pre-access code is received.

```
121 3 1 2856 2271 D or unkey
```

Response:

"Code Set Up Radio <Port> Dial <ON\OFF>Frequency <Tone1> and <Tone2>"

14) Command 135, page 14-12 needs the audio routing variable included in the call sign stream. This allows routing of responses to the port the person monitors.

       Was: 135 ss y..y D or unkey

       Needs to be: 135 ss rr y..y D or unkey

                            Where rr is the audio routing variable from 00..31

15) Command 143, page 14-20 defaults to '*' followed by the number to dial

16) Command 146, page 14-23 defaults to '#' to hang-up the patch

17) Command 148, page 14-25 defaults to '**' to repeat dial the last dialed number

18) Command 143, page 14-20 now only accepts data from 0..9

19) Command 151, page 15-3 now can contain a range of slots to be recorded

       <151> ss D or unkey for a single slot, <151> xx..yy D or unkey for a range of slots

20) Command 149, page 14-26 defaults to '**3' to reset the autopatch time-out timer

21) Command 241, page 17-2 should read 241, not 221 in the command format box

22) Command 244, page 17-5 contains a serial echo control bit as the second entered digit

       Was: 244 x or xxx   where 'x' is the baud rate or 'xxx' is the ASCII data

       Needs to be: 244 x y or xxx where 'x' is the baud rate and 'y' is echo control or 'xxx' is the ASCII data

23) Example 17-2, page 17-7 example updated

       Was: Enter '2' into Command 244

                            244 2<Enter> ; Sets the baud rate to 2400 N-8-1

       Needs to be: Enter '2' and '0' into Command 244

                            244 2<Enter> ; Sets the baud rate to 2400 N-8-1 and enables serial output

24) Command 245, page 18-4 should be 245, not 225 as printed

25) A couple of the words in the word list were missing the first digit of the word number. To locate the correct word number, refer to the word before and after the word in question to find the correct number.