

Date: April 15, 2008

Number: SG TAB 08-003

To: All System III and MLR2000 Customers

This is to inform you that new software has been released for the SG-DRL3 and SG-DRL2000 line cards.

The version 1.90 has the following new/changed features:

SG-DRL3 and SG-DRL2000 Changes

- **DMP Decoding**

A change has been made to address an issue with certain DMP panels that would send an extra start bit. This has been confirmed by DMP as a panel issue which causes the receiver not to accept the signal. As the signal fails the data integrity checks the panel would have to call back.

- **Debug Stamp**

The debug information will now display the time and version of the line card when the line card goes off-hook. The debug port should only be enabled upon the request for more information by the Technical Support Department.

SG-DRL3 Changes

- **SG-DRL3 Output Levels**

Option [73] has been modified to follow the following table.

First Digit Set To	Input Sensitivity Levels	Second Digit Set To	DSP Output Level
0x	-46	x0	- 6.3
1x	-40	x1	- 7.0
2x		x2	- 7.6
3x	-35	x3	- 8.3
4x		x4	- 9.4
5x	-28	x5	- 11.0
6x		x6	- 12.4
7x		x7	- 14.0
8x		x8	- 16.1
9x		x9	- 18.8
Ax		xA	- 1.8
Bx		xB	- 2.4
Cx		xC	- 2.7
Dx		xD	- 4.0
Ex		xE	- 4.9
Fx		xF	- 6.1

Note 1: This is only applicable to the SG-DRL3 and requires the SG-DRL3 DSP V1.90

Note 2: Different handshakes have different energy levels. The DSP output measurement above is an average.

SG-DRL2000 Changes

- **SG-DRL2000 Printer NACK**

A change has been made to address an issue where the DRL2000 would not wait for 26 consecutive NACK's before the raw data signal would be sent to the printer.

The new Line Card Software is available on the DSC FTP site (<ftp.dsc.com>). Contact the SG Field Support team at 1 800-503-5869 (Canada/US) or +1 905-760-3000 (International) to obtain a password.

If you have any questions please contact the SG Field Support team at +1 905-760-3000, or send an email to sgfieldsupport@dsc.com.

SG Field Support

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