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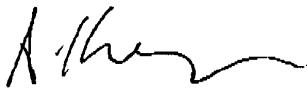**TELECOMS**

Technical Bulletin SAMSUNG DCS056	
Issued By : A. Kenyon Date : 16th Nov 2001 Approved : D. Ridley Date : 16th Nov 2001	Signed : Signed :
Replaces Technical Bulletin : DCS 025	
Subject : Remote Programming for DCS, Compact II & DCS 816	Number of Pages : 3

Remote PCMMC for the DCS, COMPACT II & 816

Set up procedure at remote end for the DCS.

At the remote site, connect the modem to a SIM and the SIM to a DLI port. The modem is plugged into an SLI port and DDI mapped if using ISDN or dedicated if analogue lines are used. Alternatively if no trunk connection is made in programming, the operator can transfer your calling modem/PC set up to the modem extension.

Relevant MMC's

o **MMC 208:** Assign Ring Type.

Set the SLI port supporting the remote modem to Data Ring on analogue lines.

Note: On ISDN lines Data Ring must NOT be set.

o **MMC 311** Assign SIM Parameter.

SIM type	Call mode	Ans mode	Auto Bd	DTR chk	Echo	Protocol	Speed	Car length	Parity	Stop bit
Modem*	Manual	Manual	**Off ***	On	On	V1100	9600	8	None	1

* These parameters must be changed from default.

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- **MMC 804:** System I/O Parameter.

Service	Baud rate	Char length	Parity	Retry count	Stop bit	Wait time
PCMMC	9600	8	None	03	1	03000

The cable required for DCS remote PCMMC is Part number 12591.

Important Notice : On completion of the above, it is imperative that either the SIM is reset by unplugging and plugging back in again or the system is reset with the modem connected and switched on.

To gain remote access for PCMMC on the Compact II the preferred method is to install a MODEM card (part number 12829) onto the MISC 1 or MISC 2 board.

Set up procedure at remote end for the COMPACT II & 816

Connect the modem to port 1 on the MISC/SIO card. The modem is plugged into an SLI port and DDI mapped if using ISDN or dedicated if analogue lines are used. Alternatively if no trunk connection is made in programming, the operator can transfer your calling modem/PC set up to the modem extension.

Relevant MMC's

- **MMC 208:** Assign Ring Type.

  Set the SLI port supporting the remote modem to Data Ring on analogue lines.

  Note: When using ISDN ports must **NOT** be set as Data Ring.

- **MMC 804:** System I/O Parameter.

Service	Baud rate	Char length	Parity	Retry count	Stop bit	Wait time
PCMMC	9600	8	None	03	1	03000

Important Notice : On completion of the above, it is imperative that the system is reset with the modem connected and switched on.

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Set up procedure at local end

Access PCMMC and from the Menu Bar highlight **LINK SETUP**, select **LINK VIA MODEM** from the drop down menu and press <Enter>. The initial string "ATX3S6=2" does not need to be changed, press <Enter> twice, the pop-up display shows "Initialising Modem". When the modem is initialised, a telephone number page is displayed. Complete the details necessary, Name, number, speed, parity, length and stop bit.

Press **Alt S** to save entries and **Alt C** to connect.

A new pop-up shows 'connecting' with a count down until the two modems have connected, at this stage another pop-up shows "Connected" or "Connected 9600". Press <Enter> to set On-line, the bottom information bar shows "trying to set on line". When this is achieved this message changes to "On-line".

Press **Alt E** to clear the modem information box. PC programming can now be carried out in the normal manner.

When programming is completed, to clear the connection, highlight **FILE** in the menu bar and select **Quit**. The message "Disconnecting tel" appears and after a short wait the modem will clear down.

This has proved to be the best method of clearing the connection down as other methods can leave the SIM connected needing a physical disconnection to reset.

If the method of connecting to the remote modem is via the operator the procedure is slightly different. On the telephone number page described earlier, make an entry with name etc. but in the number section it is not necessary to have the complete number as this will be dialled from a separate phone, in this field 000 is sufficient. Plug a POT phone into a splitter with modem in the other half and set up a call with the operator. Ask the Operator to camp you on to the modem extension, as soon as ring tone is heard press **Alt C**, when ring tone is heard from the modem speaker hang up the POT phone. Procedure from this point on will be the same as before.

The Cable required for Compact II and 816 remote PCMMC is Part number 12594