DACS OFFICE CONCENTRATION SYSTEM
MICRO MATRIX II
-REMOTE COMMAND OPERATIONS-

1. GENERAL

1.01 This section provides the command strings required from the remote
      DACS-OSS to operate and switch through a MICRO MATRIX II located at a
remote DACS office. Commands to control multiple MICRO MATRIX II units in
cascade are also detailed in this section.

      The MICRO MATRIX II is used to facilitate the remote provisioning of
      multiple, colocated DACS frames. Ports from several DACS frames within
an office are concentrated through this device towards the remote DACS-OSS
system.

1.02 Whenever this section is reissued, the reason(s) for reissue will be
      listed in this paragraph.

1.03 The remote command system (DACS-OSS) communications must with the
      following three attributes:

      (a)   1200 bits-per-second

      (b)   Even parity

      (c)   All alphabetical characters in UPPER CASE.

1.04 The "Escape" character (Hex 1B) will be referred to as (ESC) in the
      following text.

1.05 The prompt (">") will be preceded by a two-digit number. The number
      indicates a previously selected matrix. Most references to the prompt
will omit this two-digit number.

1.06 In the following DACS-OSS/MICRO MATRIX II/DACS dialogues, what the
      DACS-OSS must issue will be underlined.

1.07 This section must be used in conjunction with Administration Section
      365-301-930LL, which details different cascade MICRO MATRIX II
configurations.

2. REMOTE COMMANDS

DACS-OSS must be cognizant of two items for each DACS frame with which it must communicate:

(a) Configuration of office, (interconnection of DACS frames of MICRO MATRICES) and

(b) Which DACS number it was assigned under Administrative practice 365-301-930LL.

2.01 CONFIGURATION 0

This configuration has no MICRO MATRIX II. The data set is connected directly to one DACS frame.

2.02 CONFIGURATION 1

For 1 to 7 DACS frames.

Connect	Release	DACS Frame #
>S1(ESC)	$>	1
>S2(ESC)	$>	2
>S3(ESC)	$>	3
>S4(ESC)	$>	4
>S5(ESC)	$>	5
>S6(ESC)	$>	6
>S7(ESC)	$>	7

All characters after the (ESC) will be received by the DACS frame connected to the outgoing port.

To terminate the connection, the terminating command character "$" must be transmitted by DACS-OSS. The MICRO MATRIX II will intercept the character and respond with a prompt. The character will never reach the DACS frame.

2.03 CONFIGURATION 2

For 1 to 13 DACS frames.

Connect	Release	DACS Frame #
>S1(ESC)	$>	1
>S2(ESC)	$>	2
>S3(ESC)	$>	3
>S4(ESC)	$>	4
>S5(ESC)	$>	5
>S6(ESC)	$>	6
>S7(ESC)S1(ESC)	+> $	7
>S7(ESC)S2(ESC)	+> $	8
>S7(ESC)S3(ESC)	+> $	9
>S7(ESC)S4(ESC)	+> $	10
>S7(ESC)S5(ESC)	+> $	11
>S7(ESC)S6(ESC)	+> $	12
>S7(ESC)S7(ESC)	+> $	13

2.04 CONFIGURATION 3

For 1 to 19 DACS frames.

Connect	Release	DACS Frame #
>S1(ESC)	$>	1
>S2(ESC)	$>	2
>S3(ESC)	$>	3
>S4(ESC)	$>	4
>S5(ESC)	$>	5
>S6(ESC)S1(ESC)	$>	6
>S6(ESC)S2(ESC)	+> $>	7
>S6(ESC)S3(ESC)	+> $>	8
>S6(ESC)S4(ESC)	+> $>	9
>S6(ESC)S5(ESC)	+> $>	10
>S6(ESC)S6(ESC)	+> $>	11
>S6(ESC)S7(ESC)	+> $>	12
>S7(ESC)S1(ESC)	$> >	13
>S7(ESC)S2(ESC)	+> $>	14
>S7(ESC)S3(ESC)	+> $>	15
>S7(ESC)S4(ESC)	+> $>	16
>S7(ESC)S5(ESC)	+> $>	17
>S7(ESC)S6(ESC)	+> $>	18
>S7(ESC)S7(ESC)	+> $>	19

2.05 CONFIGURATION 4

For 1 to 25 DACS frames.

Connect	Release	DACS Frame #
>S1(ESC)	$>	1
>S2(ESC)	$>	2
>S3(ESC)	$>	3
>S4(ESC)	$>	4
>S5(ESC)S1(ESC)	$>	5
>S5(ESC)S2(ESC)	$>	6
>S5(ESC)S3(ESC)	+> $>	7
>S5(ESC)S4(ESC)	+> $>	8
>S5(ESC)S5(ESC)	+> $>	9
>S5(ESC)S6(ESC)	+> $>	10
>S5(ESC)S7(ESC)	+> $>	11
>S6(ESC)S1(ESC)	+> $>	12
>S6(ESC)S2(ESC)	$> >	13
>S6(ESC)S3(ESC)	+> $>	14
>S6(ESC)S4(ESC)	+> $>	15
>S6(ESC)S5(ESC)	+> $>	16
>S6(ESC)S6(ESC)	+> $>	17
>S6(ESC)S7(ESC)	+> $>	18
>S7(ESC)S1(ESC)	+> $>	19
>S7(ESC)S2(ESC)	$> >	20
>S7(ESC)S3(ESC)	+> $>	21
>S7(ESC)S4(ESC)	+> $>	22
>S7(ESC)S5(ESC)	+> $>	23
>S7(ESC)S6(ESC)	+> $>	24
>S7(ESC)S7(ESC)	+> $>	25

3. HOW TO COMMENTS ON BSPs

3.01 Recommendations for changes to this Section or other comments should be submitted on Form P1844, as specified in the Long Lines addendum to Section 000-010-015, How to comment on Bell System Practices.

4. NOTICE OF ISSUANCE

4.01 This practice is issued by:

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NOTICE