Esprit Systems, Inc.

ERRATA SHEET FOR ESP6310 REFERENCE MANUAL
(MRA011 DATED FEBRUARY 1984)

Page	Correction
1-3	For "Screen Saver", the phrase "except the status line" should be deleted; the entire screen is blanked.
2-2	The power cord supplied with the terminal may be replaced with a 3 conductor, 18AWG cord with a standard CEE 22 Form V(5) female connector at the terminal end and an appropriate plug for the local mains at the other end.
2-2	Step c: The power switch is on the <u>front</u> of the console.
2-7	In the NOTE, the phrase "in Esprit II mode" should be deleted; the default tab stops apply in all modes.
	References to "figure 3-3" are incorrect; the intended reference is to the "Tab SET-UP" illustration below the NOTE. Also, this illustration should show a column 0 preceding column 1.
3-6	Clear Field Key: when depressed with Shift all data from the cursor location to end of line is cleared.
	In the Hazeltine mode, the START GRAPHIC delimiter is LI M, not LI ↑
3-10	Paragraph 3.4.3: the "Half Intensity Off" command is ESC (
	Paragraph 3.4.4: figure 3-5 was omitted from the manual; it should be figure 3-3 and is reproduced on page 2.
3-11	The sentence at the top of the second column should say: . . . is protected against being overwritten by <u>keyboard</u> data.
4-1 & 4-2	All cross references to paragraph 2.2 should be to paragraph 2.3 (4 places).
	In the second column: the hex code for an escape is 1B, not 18.
	The ASCII code for Cursor Down is VT, not UT.
4-5	The ASCII characters for Blank Screen On and Off are lower case o and n, not O and N.

Page	Correction

4-7 The ASCII character for the Select Emulation command is ^, not n.

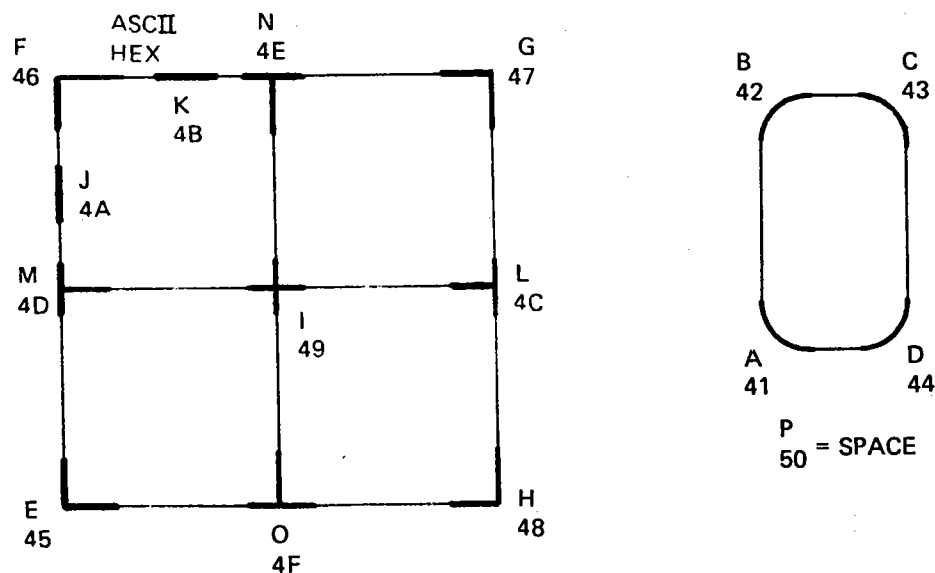The ASCII character for the Configure Printer Port command is }, not {. (2 places)

4-10 For the "Load User Line" command, the statement "Video attributes may be set on the user line . . . (para.4.4)" should be deleted; attributes cannot be set on the user line.

5-5 The modem socket pin-outs are changed:

PIN		PIN	
1	+12V	16	NA
2	TxD	15	NA
3	RxD	14	+12V
4	NA	13	NA
5	NA	12	RxCLK
6	+5V	11	NA
7	GND	10	-12V
8	GND	9	+5V

NA = Not Available to user, do not connect

C-1 The codes for many remote commands are not included in Appendix C. A complete list is included at the end of this document.

Figure 3-3. Characters for Selecting Graphics Elements

The "MODES OF OPERATION" discussion on pages 3-1 and 3-2 does not accurately describe the options available in emulations other than Hazeltine, nor does it clarify the basic differences in the way the various emulations operate. A brief discussion follows:

The major differences in the modes of operation available involve three significant areas: 1) how video attributes are handled, 2) how protection is handled, and 3) batch transmissions.

ATTRIBUTES. The Hazeltine, VPT/R25, and ADM3A modes all use character attributes as described in paragraph 3.4.5.

The TVI mode uses field attributes as described in paragraph 3.4.2, and the attribute tags may, or may not take up space on the display depending on Set-Up selection.

PROTECTION. The Hazeltine, VPT/R25, and ADM3A modes do not protect data against being overwritten in interactive modes. They do permit clearing foreground data without affecting background data, and do permit tabbing over background data for form fill applications. A "Vertical Wrap/Auto Page" mode is available by remote command to prevent data from scrolling.

In the TVI emulation, protection may be turned on or off by remote command. When it is on, the cursor will automatically tab over background (low intensity) fields to the next available foreground location for both keyboard and received data. In addition, the "Vertical Wrap/Auto Page" mode is available to prevent data from scrolling. These features do not vary between the interactive and block modes.

BLOCK MODES are available in the Hazeltine, ADM3A and TVI emulations, but not VPT/R25. In the Hazeltine and ADM3A block modes, background data is protected against being overwritten from the keyboard but not by received data, and the display will not scroll except in Hazeltine Line Mode. In the TVI block mode protection is no different from the interactive mode.

ESP 6310 REMOTE COMMAND TABLE

REMOTE COMMAND	925	VP/RGT25	ESPRIT II	ADM3A
BELL	BEL	BEL	BEL	BEL
BACKSPACE		BS		
CURSOR LEFT	BS	NAK	BS	BS
CURSOR RIGHT	FF	ACK	DLE	FF
CURSOR DOWN	SYN	LF	LI VT	LF
CURSOR UP	VT	SUB	LI FF	VT
CURSOR HOME	RS	SOH	LI DC2	RS
CURSOR ADDRESS	ESC = r c	ESC Y r c	LI DC1 c r	ESC = r
READ CURSOR ADDRESS	ESC ?	ESC ?	LI ENQ	ESC ?
CARRIAGE RETURN	CR	CR	CR	CR
LINEFEED	LF	LF	LF	LF
NEWLINE	US			
COLUMAR TAB	HT	HT	HT	HT
			LI :	
BACK TAB	ESC I	ESC O	LI DC4	ESC I
SET COLUMN TAB	ESC 1	ESC q	LI 1	ESC 1
CLEAR COLUMN TAB	ESC 2	ESC r	LI 2	ESC 2
CLEAR ALL TABS	ESC 3	ESC s	LI 3	ESC 3
FIELD TABS	ESC i			
	HT	HT	HT	HT
CLEAR FOREGROUND		ESC G	LI GS	ESC G
CLEAR UNPROTECTED TO BLANK CHAR.	SUB			
	ESC +			
	ESC ;			
CLEAR ALL TO FULL INTENSITY BLANKS		FF	LI FS	SUB
CLEAR ALL TO NULLS	ESC *			
CLEAR ALL TO HALF INTENSITY BLANK	ESC ,			
CLEAR UNPROTECTED TO NULL	ESC :			
SET/RESET INSERT CHAR MODE		ESC F	LI P	ESC Q
INSERT CHARACTER	ESC Q			
CHARACTER DELETE	ESC W	ESC E	LI T	ESC W
LINE INSERT	ESC E	ESC M	LI SUB	ESC E
LINE DELETE	ESC R	ESC l	LI DC3	ESC R
COPY MODE ON	ESC @	DC2	LI /	ESC @
COPY MODE OFF	ESC A	DC4	LI ?	ESC A
BUFFER PRINT ON	ESC \	ESC 3	LI *	ESC \
BUFFER PRINT OFF	ESC a	ESC 4	LI ?	ESC a
MONITOR MODE ON	ESC U	ESC]	LI U	ESC U
MONITOR MODE OFF	ESC u	ESC [	LI u	ESC u
	ESC X			
SET FIELD ATTRIBUTE	ESC G n			
END FIELD ATTRIBUTE	ESC G 0			
ERASE EOL WITH BLANK	ESC T	ESC K	LI SI	ESC T
ERASE EOL WITH NULL	ESC t			
ERASE EOP WITH BLANK	ESC Y	ESC k	LI CAN	ESC Y
ERASE EOP WITH NULLS	ESC y			
LOCK KEYBOARD	ESC #	ESC 5	LI NAK	SI
UNLOCK KEYBOARD	ESC "	ESC 6	LI ACK	SO

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REMOTE COMMAND	925	VP/RGT25	ESPRIT II	ADM3A
PROTECT MODE ON	ESC &			
PROTECT MODE OFF	ESC '			
WRITE PROTECT(HALF INT.) OFF	ESC (	SO	LI US	ESC (
WRITE PROTECT(HALF INT.) ON	ESC)	SI	LI EM	ESC)
BLOCK MODE ON	ESC B		LI #	
CONVERSATION MODE ON	ESC C		LI $	
ENTER LINE MODE			LI .	
SEND LINE UNPROTECT ONLY	ESC 4		LI 4	ESC 4
SEND PAGE UNPROTECT ONLY	ESC 5		LI SO	ESC 5
SEND LINE ALL	ESC 6		LI 6	ESC 6
SEND PAGE ALL	ESC 7		LI 7	ESC 7
SEND MESSAGE UNPROTECTED	ESC S		LI S	ESC S
FIELD TRANSMIT			LI)	
SEND MESSAGE ALL	ESC s		LI s	ESC s
PROGRAM SEND DELIMITERS	ESC x n d d		LI x n d d	ESC x n d d
HOROZONTAL ADDRESS		DLE c		
VERTICAL ADDRESS		VT r		
FUNCTION KEYPAD MODE 1		ESC :	LI :	ESC :
FUNCTION KEYPAD MODE 2		ESC <	LI <	ESC <
FUNCTION KEYPAD MODE 3		ESC =	LI =	
EXIT FUNCTION KEYPAD MODE		ESC >	LI >	ESC >
DISPLAY TEST PATTERN (H)			LI "	
DISPLAY CHARACTER FONT			LI 8	
LOCAL PRINT	ESC P	ESC x	LI RS	ESC P
TRANSMIT CHARACTER AT CURSOR	ESC !	ESC !	LI !	ESC !
SET UNPROTECTED ATTR.(FG MODE)		ESC 0 x	LI 0 x	ESC 0 x
SET PROTECTED ATTR. (BG MODE)		ESC 9 x	LI 9 x	ESC 9 x
CURSOR ENABLE		CAN		
CURSOR DISABLE		ETB		
CLEAR FIELD			LI SYN	
CLEAR EOP (BACKGROUND)			LI ETB	
LOCAL EDIT	ESC k			
DUPLEX EDIT	ESC l			
SET CURSOR ATTRIBUTES	ESC . N	ESC . N	LI c N	ESC . N
ENABLE XON	SI		SI	
DISABLE XON	SO		SO	
NORMAL BACKGROUND	ESC d		LI d	ESC d
REVERSE BACKGROUND	ESC b		LI b	ESC b
ADDRESS CURSOR PAGE,ROW,COL	ESC - p r c	ESC - p r c	LI - p r c	ESC - p r c
READ CURSOR PAGE,ROW,COL	ESC /	ESC /	LI z	ESC /
BACK PAGE	ESC J	ESC J	LI J	ESC J
ADVANCE PAGE	ESC K	ESC I	LI K	ESC K
CONFIGURE PRINTER PORT	ESC } p1 p2 p3 p4	ESC A p1 p2 p3 p4	LI } p1 p2 p3 p4	ESC } p1 p2 p3 p4
DISPLAY USER LINE	ESC g	ESC g	LI g	ESC g
DISPLAY STATUS LINE	ESC h	ESC b	LI h	ESC h
AUTO PAGE ON	ESC v	ESC v	LI v	ESC v
AUTO PAGE OFF	ESC w	ESC w	LI w	ESC w
GRAPHICS MODE ON	ESC $	ESC $	LI M	ESC $

REMOTE COMMAND	925	VP/RGT25	ESPRIT II	ADM3A
BLANK 25TH LINE	ESC [	ESC B	LI B	ESC [
GRAPHICS MODE OFF	ESC %	ESC %	LI %	ESC %
REVERSE LINEFEED	ESC j	ESC j		ESC j
ENABLE BIDIRECTIONAL PORT	DC2	ESC (	LI (	ESC (
DISABLE BIDIRECTIONAL PORT	DC4	ESC _	LI _	ESC _
PRINTER TERMINATION CHAR.	ESC p n			
LOAD USER LINE	ESC f...	ESC f...	LI f...	ESC f...
	.data CR	.data CR	.data CR	.data CR
BLANK SCREEN ON	ESC o	ESC d	LI o	ESC o
BLANK SCREEN OFF	ESC n	ESC D	LI n	ESC n
SEND ANSWERBACK	ENQ	ENQ	ENQ	ENQ
SELECT EMULATION **	ESC ^n	ESC ^n	LI ^n	ESC ^n
HIDDEN FLD ATT. ON	ESC F			
HIDDEN FLD ATT. OFF	ESC H			
SMOOTH SCROLL ON	ESC 8			
SMOOTH SCROLL OFF	ESC 9			
BACK COLUMNAR TAB		ESC L	LI L	ESC L
LOAD FUNCTION KEYS	ESC :	ESC :	LI :	ESC :
CLEAR ALL FUNCTION KEYS	ESC V	ESC V	LI V	ESC V
KEY CLICK ON	ESC >			
KEY CLICK OFF	ESC <			

```
**   ^n   n = 0 is Esprit II
           = 1 is TVI 925
           = 2 is ADM 3A
           = 3 IS VP/R25
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