IGNORED OR UNDEFINED CODES

Codes that are unusable or undefined in a given print mode are either
ignored or printed with the symbol X which represents an invalid code.

There are several reasons a code may be unusable in a certain mode.
Redundant codes that don't change the current printer status are usually
ignored. For example, if the Printer is in DP Mode, sending a CHR$(19)
(used to enter DP Mode) is useless. And there are many ASCII control codes
in the range 0 to 31 that the DMP-500 simply doesn't recognize. ASCII 0, for
example, is not used in any of the three print modes.

The following summarizes the undefined print codes:

DMP-500 IGNORED CONTROL CODES

* Out of range repeat sequence.
* Out of range on POS sequence.
* Redundant codes that don't change the current printer status. For example,
  if you send a CHR$(14) when underline is already set.

DP MODE: 0,1,19,30,127,255

WP MODE: 0,1,20,127,255,ESC 54

GRAPHIC MODE: All codes in the range 0 - 127 are ignored except (10),(12),
(27 14),(27 16 n1 n2),(28 n1 n2),(30),(27 50), and (27 51).

Unprintable repeat sequence data n2 is also ignored.

Codes printed as X

DP AND WP MODE:

* All codes from 0 - 31 and 128 - 159 except the active function codes or
  the above ignored codes.

* Unprintable repeat data n2.

* Standard, Compressed, Condensed if Switch #8 is OFF, codes 192 - 223 are
  printed as X.

* Proportional or Correspondence, 192 - 254 are printed as X.

CODE DEC. HEX.	DP MODE	WP MODE	GRAPHICS MODE	REMARKS
00 00 01 01	Ignored	Ignored	Ignored	
08 08 n n	Backspace (n=Binary) n;Backspaced dot number	Backspace (n=Binary) n;Backspaced dot number	Ignored Receives n as character data	***

Code	Column 2	Column 3	Column 4	Column 5
10 0A or 138 08	Executive Line Feed (Executive LF in accordance with information latched)	Full Line Feed (Executive)	11/108" Line Feed (Executive).....8A hex. 138 dec.	*LF/NL selectable ***
12 0C	Form Feed	Form Feed	Form Feed	LF/NL selectable
13 0D or 141 8D	Carriage Return (When NL,LF pitch is latched one)	Carriage Return (When NL,LF pitch is 1/6" (1/8")per line.)	Carriage Return only 0D Hex.(When NL,LF pitch is 7/72" per line)	NL/CR selectable
14 0E	End Underline	End Underline	Ignored	
15 0F	Start Underline	Start Underline	Ignored	
18 12	Select Graphics Mode	Select Graphics Mode	Ignored	Exchangeable for another code **
19 13	Ignored	Select DP Mode	Ignored	
20 14	Select WP Mode	Ignored	Ignored	
27 01 - 09	Proportional Spacing (2nd byte is dot column #)	Proportional Spacing (2nd byte is dot column #)	Ignored	***
27 1B 14 0E	Start Elongation	Start Elongation	Start Elongation	Exchangeable for another code
27 1B 15 0F	End Elongation	End Elongation	End Elongation	Exchangeable for another code
27 1B 16 10 n1 n1 n2 n2	Positioning (3 pitches are avail-able)(n1,n2 indicate dot position from Home pos.)	Positioning (3 pitches are avail-able)(n1,n2 indicate dot position from Home pos.)	Positioning (3 pitches are avail-able)(n1,n2 indicate dot position from Home pos.)	n1,n2: Binary value ***
27 1B 17 11	Select Proportio-al Character	Select Proportio-al Character	Ignored	
27 1B 18 12	Select Correspondence Character	Select Correspondence Character	Ignored	
27 1B 19 13	Select Standard Character	Select Standard Character	Ignored	Exchangeable for another code **
27 1B	Select Condensed	Select Condensed	Ignored	Exchangeable

Code	Col A	Col B	Col C	Notes
20 14	Character	Character		for another code **
27 1B 21 15	Select Compressed Character	Select Compressed Character	Ignored	
27 1B 31 1F	Start Bold	Start Bold	Ignored	
27 1B 32 20	End Bold	End Bold	Ignored	Exchangeable for another code **
27 1B 52 34 n n	Form Feed Set	Form Feed Set	Form Feed Set	
27 1B 50 32	1/12 Forward Line Feed	1/12 Forward Line Feed	1/12 Forward Line Feed	
27 1B 51 33	1/36 Forward Line Feed	1/36 Forward Line Feed	1/36 Forward Line Feed	
27 1B 10 0A	Set Full Reverse Line Feed (No motion)	*Full Reverse Line Feed (Executive)	Ignored	***
27 1B 28 1C	Set Half Forward Line Feed (No motion)	*Half Forward Line Feed (Executive)	Ignored	
27 1B 30 1E	Set Half Reverse Line Feed (No motion)	*Half Reverse Line Feed (Executive)	Ignored	***
27 1B 54 36	Set Full Forward Line Feed (No motion)	Ignored	Ignored	
27 1B 56 38	Set 3/4 Forward Line Feed (No motion)	3/4 Forward Line Feed (Executive)	Ignored	
28 1C n1 n1 n2 n2	Repeat Print Data (Undefined Code is changed to X)	Repeat Print Data (Undefined Code is changed to X)	Repeat Print Data (If MSB=0,Data is ignored.)	
30 1E	Ignored	Ignored	End Graphic Mode	Exchangeable for another code **
127 7F	Ignored	Ignored	Ignored	
255 FF	Ignored	Ignored	(Printing Data)	
Other Codes in	Prints "X" marks	Prints "X" marks	Ignored	

Function Area (02 to 1F hex)				
Other Codes in Function Area (80 to 9F hex)	Prints "X" marks	Prints "X" marks	(Printing Data)	

NOTES:
* If DIP switch 6 is set to ON, one line feed operation is performed at the same time.
** Refer to page ____.

*** These codes may not be able to send to the printer by your computer. In this case, use system command to send them.

(dtc-07/27/93)